



ECONOMIC FORECAST

Calendar Year Summary Tables

Preliminary
May 24, 2019

Table A1.1

U.S. Economic Forecast Summary

Forecast 2019 to 2023

	2016	2017	2018	2019	2020	2021	2022	2023
Real National Income Accounts (Billions of Chained 2012 Dollars)								
Real Gross Domestic Product	17,659.2	18,050.7	18,566.4	19,043.6	19,397.7	19,727.4	20,102.2	20,504.3
% Ch	1.6	2.2	2.9	2.6	1.9	1.7	1.9	2.0
Real Consumption	12,248.2	12,558.7	12,887.6	13,194.6	13,474.1	13,730.1	14,004.7	14,284.8
% Ch	2.7	2.5	2.6	2.4	2.1	1.9	2.0	2.0
Real Nonresidential Fixed Investment	2,411.2	2,538.1	2,713.6	2,809.0	2,924.7	3,048.9	3,173.2	3,297.5
% Ch	0.5	5.3	6.9	3.5	4.1	4.2	4.1	3.9
Real Residential Fixed Investment	591.3	611.1	609.2	592.5	606.6	623.9	646.6	662.0
% Ch	6.5	3.3	-0.3	-2.7	2.4	2.9	3.6	2.4
Real Personal Income	15,469.7	15,866.8	16,244.6	16,618.2	17,038.1	17,446.4	17,830.7	18,234.7
% Ch	1.5	2.6	2.4	2.3	2.5	2.4	2.2	2.3
Real Per Capita Income (\$/Person)	47,752	48,630	49,437	50,208	51,113	51,974	52,754	53,584
% Ch	0.8	1.8	1.7	1.6	1.8	1.7	1.5	1.6
Price and Wage Indexes								
PCE Price Index (2012=100)	104.2	106.1	108.2	110.0	112.2	114.5	116.7	118.9
% Ch	1.1	1.8	2.0	1.6	2.0	2.0	1.9	1.8
U.S. Consumer Price Index (1982-84=1.0)	2.400	2.451	2.511	2.564	2.620	2.675	2.731	2.787
% Ch	1.3	2.1	2.4	2.1	2.2	2.1	2.1	2.0
Employment Cost Index (Dec. 2005=1.0)	1.262	1.295	1.334	1.370	1.415	1.463	1.514	1.566
% Ch	2.4	2.6	3.0	2.7	3.3	3.4	3.5	3.4
Current Dollar National Income (Billions of Dollars)								
Gross Domestic Product	18,707.2	19,485.4	20,494.1	21,376.6	22,278.6	23,180.3	24,139.9	25,128.4
% Ch	2.7	4.2	5.2	4.3	4.2	4.0	4.1	4.1
Personal Income	16,125.1	16,830.9	17,582.4	18,281.1	19,124.4	19,981.3	20,814.9	21,673.7
% Ch	2.6	4.4	4.5	4.0	4.6	4.5	4.2	4.1
Employment (Millions)								
U.S. Civilian Labor Force	159.2	160.3	162.1	163.5	165.0	166.1	167.2	168.2
Total U.S. Employment	151.4	153.3	155.8	157.5	159.0	159.9	160.6	161.2
Unemployment Rate (%)	4.87	4.35	3.89	3.67	3.59	3.75	3.95	4.17
Nonfarm Payroll Employment	144.35	146.61	149.06	151.37	152.97	153.88	154.70	155.39
% Ch	1.8	1.6	1.7	1.5	1.1	0.6	0.5	0.4
Manufacturing	12.35	12.44	12.69	12.83	12.71	12.54	12.48	12.46
% Ch	0.1	0.7	2.0	1.1	-1.0	-1.3	-0.5	-0.1
Durable Manufacturing	7.71	7.74	7.94	8.06	7.99	7.89	7.87	7.89
% Ch	-0.7	0.3	2.7	1.4	-0.8	-1.3	-0.2	0.3
Nondurable Manufacturing	4.64	4.70	4.74	4.77	4.71	4.65	4.61	4.57
% Ch	1.5	1.3	0.9	0.6	-1.2	-1.3	-0.9	-0.9
Construction	6.73	6.97	7.29	7.51	7.65	7.89	8.14	8.39
% Ch	4.1	3.6	4.6	3.0	1.9	3.1	3.3	3.1
Service-Providing	124.60	126.53	128.36	130.28	131.85	132.68	133.30	133.75
% Ch	1.9	1.5	1.4	1.5	1.2	0.6	0.5	0.3
Miscellaneous Indicators								
Oil-WTI (\$ per barrel)	43.2	51.0	64.9	60.0	59.0	55.9	54.0	53.2
Personal Saving/Disposable Income (%)	6.7	6.7	6.8	6.5	6.7	7.2	7.2	7.2
Auto Sales (Millions)	6.9	6.1	5.3	4.9	4.8	4.8	4.9	5.0
% Ch	-8.6	-11.5	-12.8	-6.8	-2.1	-0.5	1.0	2.4
Housing Starts (Millions)	1.177	1.208	1.249	1.198	1.263	1.300	1.352	1.370
% Ch	6.4	2.6	3.4	-4.1	5.4	2.9	4.0	1.3
Federal Budget Surplus (Billions)	-665.1	-695.4	-981.6	-1,072.1	-1,129.8	-1,191.8	-1,231.1	-1,234.8
Net Exports (Billions)	-520.6	-578.4	-625.4	-626.5	-645.8	-666.7	-670.6	-638.6
3-Month Treasury Bill Rate (%)	0.32	0.93	1.94	2.40	2.49	2.44	2.42	2.41
10-Year Treasury Note Yield (%)	1.84	2.33	2.91	2.66	2.91	3.12	3.20	3.19
Bond Index of 20 G.O. Munis. (%)	3.27	3.67	3.96	4.11	4.33	4.58	4.71	4.73
30-Year Fixed Mortgage Rate (%)	3.65	3.99	4.54	4.37	4.59	4.77	4.83	4.82

Table A1.2

U.S. Economic Forecast Summary

Forecast 2019 to 2023

	2018:1	2018:2	2018:3	2018:4	2019:1	2019:2	2019:3	2019:4
Real National Income Accounts (Billions of Chained 2012 Dollars)								
Real Gross Domestic Product	18,324.0	18,511.6	18,665.0	18,765.3	18,912.3	18,992.1	19,088.2	19,181.8
% Ch , Annual Rate	2.2	4.2	3.4	2.2	3.2	1.7	2.0	2.0
Real Consumption	12,722.8	12,842.0	12,953.3	13,032.3	13,071.0	13,159.7	13,235.8	13,312.0
% Ch , Annual Rate	0.5	3.8	3.5	2.5	1.2	2.7	2.3	2.3
Real Nonresidential Fixed Investment	2,654.0	2,710.1	2,727.0	2,763.3	2,782.0	2,792.4	2,814.8	2,846.7
% Ch , Annual Rate	11.5	8.7	2.5	5.4	2.7	1.5	3.3	4.6
Real Residential Fixed Investment	615.3	613.2	607.7	600.4	596.1	589.8	589.4	594.7
% Ch , Annual Rate	-3.4	-1.3	-3.6	-4.7	-2.8	-4.2	-0.2	3.7
Real Personal Income	16,107.2	16,165.1	16,277.9	16,428.3	16,539.3	16,560.9	16,633.5	16,739.0
% Ch , Annual Rate	2.6	1.4	2.8	3.7	2.7	0.5	1.8	2.6
Real Per Capita Income (\$/Person)	49,157	49,246	49,488	49,856	50,103	50,079	50,210	50,438
% Ch , Annual Rate	2.0	0.7	2.0	3.0	2.0	-0.2	1.0	1.8
Price and Wage Indexes								
PCE Price Index (2012=100)	107.5	108.1	108.5	108.9	109.0	109.8	110.3	110.9
% Ch , Annual Rate	2.5	2.0	1.6	1.5	0.6	2.7	2.1	2.0
U.S. Consumer Price Index (1982-84=1.0)	2.493	2.506	2.518	2.528	2.533	2.559	2.575	2.589
% Ch , Annual Rate	3.2	2.1	2.0	1.5	0.9	4.1	2.5	2.2
Employment Cost Index (Dec. 2005=1.0)	1.320	1.328	1.339	1.348	1.356	1.364	1.374	1.385
% Ch , Annual Rate	4.0	2.4	3.4	2.7	2.3	2.4	2.9	3.3
Current Dollar National Income (Billions of Dollars)								
Gross Domestic Product	20,041.0	20,411.9	20,658.2	20,865.1	21,062.7	21,259.0	21,480.8	21,703.9
% Ch , Annual Rate	4.3	7.6	4.9	4.1	3.8	3.8	4.2	4.2
Personal Income	17,319.2	17,466.7	17,657.3	17,886.3	18,033.5	18,177.0	18,353.0	18,560.9
% Ch , Annual Rate	5.2	3.5	4.4	5.3	3.3	3.2	3.9	4.6
Employment (Millions)								
U.S. Civilian Labor Force	161.6	161.8	162.0	162.9	163.1	163.3	163.6	163.9
Total U.S. Employment	155.0	155.4	155.9	156.8	156.8	157.2	157.7	158.1
Unemployment Rate (%)	4.09	3.91	3.79	3.77	3.88	3.70	3.57	3.53
Nonfarm Payroll Employment	148.05	148.74	149.41	150.06	150.67	151.16	151.63	152.02
% Ch , Annual Rate	1.8	1.9	1.8	1.7	1.7	1.3	1.2	1.1
Manufacturing	12.59	12.66	12.72	12.79	12.82	12.84	12.82	12.84
% Ch , Annual Rate	2.3	2.3	1.9	2.2	1.2	0.4	-0.6	0.8
Durable Manufacturing	7.86	7.92	7.97	8.02	8.05	8.05	8.05	8.08
% Ch , Annual Rate	3.4	3.0	2.7	2.4	1.6	0.1	-0.3	1.7
Nondurable Manufacturing	4.73	4.74	4.74	4.77	4.77	4.78	4.77	4.76
% Ch , Annual Rate	0.5	1.0	0.6	1.8	0.5	0.9	-1.1	-0.5
Construction	7.18	7.26	7.33	7.39	7.44	7.49	7.53	7.56
% Ch , Annual Rate	6.7	4.8	4.0	3.1	3.1	2.6	1.8	1.7
Service-Providing	127.58	128.09	128.62	129.13	129.65	130.08	130.53	130.87
% Ch , Annual Rate	1.4	1.6	1.6	1.6	1.6	1.3	1.4	1.0
Miscellaneous Indicators								
Oil-WTI (\$ per barrel)	62.9	68.0	69.8	58.9	54.8	62.4	61.5	61.2
Personal Saving/Disposable Income (%)	7.2	6.7	6.4	6.8	7.0	6.4	6.2	6.2
Auto Sales (Millions)	5.4	5.3	5.1	5.3	5.1	4.9	4.9	4.9
% Ch , Annual Rate	-32.1	-8.8	-13.4	16.4	-16.7	-15.0	-0.1	1.8
Housing Starts (Millions)	1.317	1.261	1.234	1.185	1.193	1.189	1.193	1.219
% Ch , Annual Rate	19.6	-16.0	-8.3	-14.9	2.7	-1.3	1.3	9.0
Federal Budget Surplus (Billions)	-969.9	-993.7	-960.6	-1,002.2	-1,077.0	-1,062.9	-1,069.0	-1,079.4
Net Exports (Billions)	-639.2	-549.8	-653.5	-658.9	-603.4	-627.3	-631.0	-644.3
3-Month Treasury Bill Rate (%)	1.56	1.84	2.04	2.32	2.39	2.45	2.38	2.38
10-Year Treasury Note Yield (%)	2.76	2.92	2.93	3.03	2.65	2.59	2.67	2.74
Bond Index of 20 G.O. Munis. (%)	3.73	3.89	3.97	4.25	4.13	4.00	4.13	4.18
30-Year Fixed Mortgage Rate (%)	4.27	4.54	4.57	4.78	4.38	4.32	4.37	4.43

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	19,272.8	19,361.6	19,438.5	19,517.8	19,599.6	19,682.8	19,767.8	19,859.5
% Ch , Annual Rate	1.9	1.9	1.6	1.6	1.7	1.7	1.7	1.9
Real Consumption	13,385.0	13,450.5	13,505.2	13,555.7	13,627.8	13,697.1	13,764.6	13,831.0
% Ch , Annual Rate	2.2	2.0	1.6	1.5	2.1	2.1	2.0	1.9
Real Nonresidential Fixed Investment	2,874.3	2,901.8	2,942.3	2,980.3	3,006.3	3,033.5	3,062.4	3,093.4
% Ch , Annual Rate	3.9	3.9	5.7	5.3	3.5	3.7	3.9	4.1
Real Residential Fixed Investment	600.0	603.5	608.1	614.9	618.0	620.1	625.0	632.6
% Ch , Annual Rate	3.6	2.4	3.1	4.5	2.0	1.4	3.1	5.0
Real Personal Income	16,873.1	16,992.5	17,093.2	17,193.4	17,307.9	17,401.1	17,492.5	17,584.1
% Ch , Annual Rate	3.2	2.9	2.4	2.4	2.7	2.2	2.1	2.1
Real Per Capita Income (\$/Person)	50,753	51,022	51,234	51,444	51,696	51,884	52,066	52,249
% Ch , Annual Rate	2.5	2.1	1.7	1.7	2.0	1.5	1.4	1.4
Price and Wage Indexes								
PCE Price Index (2012=100)	111.4	111.9	112.5	113.1	113.7	114.3	114.8	115.4
% Ch , Annual Rate	2.0	1.9	2.0	2.0	2.1	2.0	2.0	2.0
U.S. Consumer Price Index (1982-84=1.0)	2.601	2.613	2.626	2.638	2.654	2.669	2.682	2.697
% Ch , Annual Rate	2.0	1.8	2.1	1.8	2.4	2.2	2.1	2.1
Employment Cost Index (Dec. 2005=1.0)	1.397	1.409	1.420	1.432	1.445	1.457	1.470	1.482
% Ch , Annual Rate	3.4	3.6	3.3	3.4	3.5	3.4	3.5	3.4
Current Dollar National Income (Billions of Dollars)								
Gross Domestic Product	21,937.9	22,171.6	22,389.0	22,615.8	22,839.9	23,062.2	23,290.1	23,529.1
% Ch , Annual Rate	4.4	4.3	4.0	4.1	4.0	4.0	4.0	4.2
Personal Income	18,801.5	19,023.1	19,231.7	19,441.4	19,674.8	19,881.2	20,082.4	20,286.9
% Ch , Annual Rate	5.3	4.8	4.5	4.4	4.9	4.3	4.1	4.1
Employment (Millions)								
U.S. Civilian Labor Force	164.4	165.0	165.1	165.4	165.7	166.0	166.3	166.6
Total U.S. Employment	158.6	159.1	159.2	159.3	159.6	159.8	160.0	160.2
Unemployment Rate (%)	3.55	3.57	3.60	3.64	3.68	3.73	3.77	3.82
Nonfarm Payroll Employment	152.45	153.01	153.13	153.30	153.52	153.77	154.00	154.22
% Ch , Annual Rate	1.1	1.5	0.3	0.5	0.6	0.6	0.6	0.6
Manufacturing	12.83	12.72	12.66	12.61	12.59	12.55	12.52	12.50
% Ch , Annual Rate	-0.3	-3.4	-2.0	-1.4	-0.9	-1.1	-1.0	-0.8
Durable Manufacturing	8.09	8.00	7.96	7.93	7.91	7.89	7.88	7.86
% Ch , Annual Rate	0.3	-4.2	-2.2	-1.3	-0.8	-1.0	-1.0	-0.7
Nondurable Manufacturing	4.75	4.72	4.70	4.68	4.67	4.66	4.65	4.63
% Ch , Annual Rate	-1.3	-2.2	-1.7	-1.6	-1.0	-1.1	-1.0	-1.0
Construction	7.58	7.62	7.66	7.73	7.79	7.85	7.91	7.98
% Ch , Annual Rate	1.3	1.8	2.5	3.5	3.4	3.0	3.1	3.4
Service-Providing	131.27	131.91	132.04	132.19	132.37	132.59	132.79	132.96
% Ch , Annual Rate	1.2	2.0	0.4	0.5	0.6	0.6	0.6	0.5
Miscellaneous Indicators								
Oil-WTI (\$ per barrel)	60.4	59.4	58.5	57.7	56.9	56.1	55.5	55.0
Personal Saving/Disposable Income (%)	6.5	6.7	6.8	7.0	7.2	7.2	7.2	7.2
Auto Sales (Millions)	4.9	4.8	4.8	4.8	4.8	4.8	4.8	4.8
% Ch , Annual Rate	-3.5	-1.9	-0.3	-1.3	-0.7	-0.1	0.7	0.6
Housing Starts (Millions)	1,244	1,264	1,268	1,277	1,275	1,285	1,308	1,332
% Ch , Annual Rate	8.5	6.7	1.4	2.9	-0.6	3.0	7.3	7.7
Federal Budget Surplus (Billions)	-1,107.7	-1,130.5	-1,137.0	-1,144.1	-1,176.0	-1,187.1	-1,196.6	-1,207.4
Net Exports (Billions)	-647.0	-647.1	-648.3	-640.8	-654.4	-665.9	-672.5	-674.0
3-Month Treasury Bill Rate (%)	2.53	2.50	2.48	2.46	2.45	2.45	2.44	2.43
10-Year Treasury Note Yield (%)	2.81	2.88	2.95	3.01	3.06	3.10	3.14	3.17
Bond Index of 20 G.O. Munis. (%)	4.24	4.30	4.37	4.44	4.50	4.55	4.61	4.65
30-Year Fixed Mortgage Rate (%)	4.50	4.56	4.62	4.68	4.73	4.76	4.79	4.81

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	19,955.3	20,052.3	20,152.1	20,249.4	20,351.5	20,454.4	20,553.9	20,657.4
% Ch , Annual Rate	1.9	2.0	2.0	1.9	2.0	2.0	2.0	2.0
Real Consumption	13,900.5	13,970.2	14,039.6	14,108.5	14,178.2	14,250.7	14,320.1	14,390.3
% Ch , Annual Rate	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0
Real Nonresidential Fixed Investment	3,125.9	3,157.8	3,189.2	3,220.0	3,251.6	3,282.4	3,312.6	3,343.3
% Ch , Annual Rate	4.3	4.1	4.0	3.9	4.0	3.8	3.7	3.8
Real Residential Fixed Investment	639.3	644.3	649.5	653.4	656.9	660.4	663.6	667.2
% Ch , Annual Rate	4.3	3.1	3.3	2.4	2.2	2.2	1.9	2.2
Real Personal Income	17,692.5	17,784.5	17,876.6	17,969.2	18,084.1	18,182.3	18,283.9	18,388.5
% Ch , Annual Rate	2.5	2.1	2.1	2.1	2.6	2.2	2.3	2.3
Real Per Capita Income (\$/Person)	52,480	52,663	52,845	53,028	53,277	53,476	53,684	53,901
% Ch , Annual Rate	1.8	1.4	1.4	1.4	1.9	1.5	1.6	1.6
Price and Wage Indexes								
PCE Price Index (2012=100)	115.9	116.5	117.0	117.5	118.1	118.6	119.1	119.6
% Ch , Annual Rate	1.9	1.9	1.9	1.9	1.8	1.8	1.7	1.7
U.S. Consumer Price Index (1982-84=1.0)	2.711	2.724	2.738	2.752	2.766	2.780	2.793	2.807
% Ch , Annual Rate	2.1	2.0	2.0	2.1	2.0	2.0	2.0	2.0
Employment Cost Index (Dec. 2005=1.0)	1.495	1.508	1.520	1.533	1.546	1.559	1.572	1.586
% Ch , Annual Rate	3.5	3.5	3.3	3.4	3.5	3.4	3.4	3.4
Current Dollar National Income (Billions of Dollars)								
Gross Domestic Product	23,773.5	24,016.8	24,262.6	24,506.8	24,755.7	25,006.0	25,250.9	25,501.1
% Ch , Annual Rate	4.2	4.2	4.2	4.1	4.1	4.1	4.0	4.0
Personal Income	20,509.8	20,712.6	20,915.7	21,121.4	21,352.3	21,564.9	21,779.4	21,998.3
% Ch , Annual Rate	4.5	4.0	4.0	4.0	4.4	4.0	4.0	4.1
Employment (Millions)								
U.S. Civilian Labor Force	166.9	167.1	167.4	167.6	167.8	168.1	168.3	168.5
Total U.S. Employment	160.4	160.6	160.7	160.8	161.0	161.1	161.2	161.4
Unemployment Rate (%)	3.87	3.92	3.98	4.03	4.09	4.14	4.19	4.24
Nonfarm Payroll Employment	154.41	154.61	154.80	154.97	155.15	155.32	155.47	155.64
% Ch, Annual Rate	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
Manufacturing	12.49	12.48	12.47	12.47	12.47	12.47	12.46	12.45
% Ch, Annual Rate	-0.2	-0.4	-0.1	0.0	-0.1	-0.2	-0.1	-0.3
Durable Manufacturing	7.86	7.86	7.87	7.88	7.89	7.89	7.90	7.90
% Ch, Annual Rate	0.1	-0.1	0.3	0.6	0.4	0.3	0.4	0.0
Nondurable Manufacturing	4.62	4.61	4.61	4.60	4.59	4.57	4.56	4.55
% Ch, Annual Rate	-0.9	-0.8	-0.8	-0.8	-0.9	-0.9	-0.9	-1.0
Construction	8.05	8.11	8.17	8.24	8.30	8.36	8.42	8.48
% Ch, Annual Rate	3.5	3.2	3.1	3.0	3.0	3.0	3.0	3.0
Service-Providing	133.10	133.24	133.37	133.48	133.59	133.71	133.80	133.91
% Ch, Annual Rate	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3
Miscellaneous Indicators								
Oil-WTI (\$ per barrel)	54.6	54.1	53.8	53.6	53.4	53.2	53.1	53.1
Personal Saving/Disposable Income (%)	7.3	7.3	7.2	7.2	7.3	7.2	7.2	7.2
Auto Sales (Millions)	4.8	4.9	4.9	4.9	4.9	5.0	5.0	5.0
% Ch, Annual Rate	1.1	0.8	1.5	3.2	2.4	2.1	3.4	2.2
Housing Starts (Millions)	1.342	1.350	1.356	1.361	1.366	1.370	1.372	1.371
% Ch, Annual Rate	2.9	2.6	1.6	1.6	1.4	1.3	0.4	-0.1
Federal Budget Surplus (Billions)	-1,228.9	-1,232.3	-1,232.8	-1,230.3	-1,239.3	-1,235.7	-1,231.8	-1,232.2
Net Exports (Billions)	-674.7	-673.8	-671.0	-662.9	-651.5	-641.6	-633.4	-627.9
3-Month Treasury Bill Rate (%)	2.43	2.42	2.42	2.42	2.42	2.42	2.41	2.41
10-Year Treasury Note Yield (%)	3.18	3.19	3.20	3.21	3.21	3.21	3.19	3.17
Bond Index of 20 G.O. Munis. (%)	4.68	4.70	4.72	4.73	4.73	4.73	4.73	4.71
30-Year Fixed Mortgage Rate (%)	4.82	4.82	4.83	4.83	4.83	4.83	4.82	4.80

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

	2016	2017	2018	2019	2020	2021	2022	2023
Real Income (Billions of Chained 2012 Dollars)								
Real Personal Income	387.805	404.211	423.838	436.825	449.978	462.886	475.316	488.631
% Ch	4.0	4.2	4.9	3.1	3.0	2.9	2.7	2.8
Real Wage and Salary Disb.	195.037	205.585	219.383	227.817	234.057	240.203	246.968	254.627
% Ch	5.0	5.4	6.7	3.8	2.7	2.6	2.8	3.1
Real Nonwage Income	192.768	198.625	204.454	209.008	215.921	222.683	228.349	234.004
% Ch	3.0	3.0	2.9	2.2	3.3	3.1	2.5	2.5
Real Per Capita Income (\$/Person)	53,155	54,447	56,238	57,093	57,957	58,808	59,615	60,555
% Ch	2.1	2.4	3.3	1.5	1.5	1.5	1.4	1.6
Price and Wage Indexes								
U.S. Implicit Price Deflator, PCE (2012=1.0)	1.042	1.061	1.082	1.100	1.122	1.145	1.167	1.189
% Ch	1.1	1.8	2.0	1.6	2.0	2.0	1.9	1.8
Seattle Cons. Price Index (1982-84=1.0)	2.550	2.628	2.711	2.796	2.861	2.922	2.984	3.044
% Ch	2.3	3.0	3.2	3.1	2.3	2.1	2.1	2.0
Average Nonfarm Annual Wage	60,530	63,583	67,617	69,895	72,126	74,691	77,482	80,633
% Ch	3.0	5.0	6.3	3.4	3.2	3.6	3.7	4.1
Avg. Hourly Earnings-Mfg. (\$/Hour)	26.42	27.37	28.42	29.35	30.23	31.22	32.25	33.30
% Ch	3.5	3.6	3.8	3.3	3.0	3.3	3.3	3.3
Current Dollar Income (Billions of Dollars)								
Personal Income	404.232	428.765	458.727	480.534	505.083	530.145	554.870	580.790
% Ch	5.1	6.1	7.0	4.8	5.1	5.0	4.7	4.7
Disposable Personal Income	355.241	376.933	405.235	424.372	446.204	468.501	489.698	511.199
% Ch	5.3	6.1	7.5	4.7	5.1	5.0	4.5	4.4
Per Capita Income (\$/Person)	55,405	57,753	60,866	62,804	65,053	67,351	69,591	71,975
% Ch	3.2	4.2	5.4	3.2	3.6	3.5	3.3	3.4
Employment (Thousands)								
Washington Civilian Labor Force	3,643.9	3,719.3	3,790.5	3,879.2	3,944.7	3,999.1	4,049.6	4,094.8
Total Washington Employment	3,451.3	3,543.9	3,620.3	3,702.7	3,765.7	3,812.2	3,853.3	3,888.8
Unemployment Rate (%)	5.29	4.72	4.49	4.55	4.54	4.67	4.85	5.03
Nonfarm Payroll Employment	3,242.8	3,321.2	3,404.8	3,478.5	3,534.7	3,575.0	3,612.4	3,645.1
% Ch	3.1	2.4	2.5	2.2	1.6	1.1	1.0	0.9
Manufacturing	290.4	284.2	287.5	292.7	292.2	291.7	293.3	295.7
% Ch	-0.7	-2.1	1.2	1.8	-0.2	-0.2	0.5	0.8
Durable Manufacturing	207.7	200.3	202.1	206.2	206.3	206.2	207.7	210.1
% Ch	-1.7	-3.5	0.9	2.1	0.0	-0.1	0.7	1.1
Aerospace	91.0	84.2	84.0	87.0	87.1	87.1	87.1	87.1
% Ch	-3.2	-7.5	-0.3	3.7	0.1	0.0	0.0	0.0
Nondurable Manufacturing	82.7	83.9	85.4	86.5	85.9	85.5	85.6	85.7
% Ch	2.0	1.4	1.8	1.2	-0.7	-0.4	0.1	0.1
Construction	186.6	199.8	213.4	221.7	219.7	218.7	218.7	219.1
% Ch	7.7	7.0	6.8	3.9	-0.9	-0.5	0.0	0.2
Service-Providing	2,759.5	2,831.0	2,897.5	2,957.7	3,016.3	3,058.1	3,093.9	3,123.7
% Ch	3.2	2.6	2.4	2.1	2.0	1.4	1.2	1.0
Software Publishers	58.9	61.4	65.3	68.2	68.7	69.4	70.5	71.8
% Ch	5.3	4.2	6.4	4.4	0.8	1.1	1.6	1.8
Electronic Shopping and Mail-Order	38.2	49.7	54.8	60.2	63.4	65.8	67.7	69.5
% Ch	26.6	30.1	10.3	9.8	5.3	3.8	3.0	2.5
Housing Indicators (Thousands)								
Housing Units Authorized by Bldg. Permit	44.077	45.794	47.356	43.340	41.963	42.282	42.384	42.042
% Ch	9.2	3.9	3.4	-8.5	-3.2	0.8	0.2	-0.8
Single-Family	22.463	23.115	23.356	22.324	23.942	24.576	25.337	25.660
% Ch	13.5	2.9	1.0	-4.4	7.3	2.6	3.1	1.3
Multi-Family	21.614	22.679	24.000	21.017	18.021	17.706	17.047	16.383
% Ch	5.0	4.9	5.8	-12.4	-14.3	-1.7	-3.7	-3.9
30-Year Fixed Mortgage Rate (%)	3.65	3.99	4.54	4.37	4.59	4.77	4.83	4.82

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	419.875	421.254	424.441	429.781	434.490	435.057	437.194	440.557
% Ch, Annual Rate	9.5	1.3	3.1	5.1	4.5	0.5	2.0	3.1
Real Wage and Salary Disb.	217.736	217.680	219.459	222.657	226.453	226.892	228.171	229.749
% Ch, Annual Rate	17.5	-0.1	3.3	6.0	7.0	0.8	2.3	2.8
Real Nonwage Income	202.138	203.573	204.982	207.124	208.037	208.165	209.023	210.808
% Ch, Annual Rate	1.6	2.9	2.8	4.2	1.8	0.2	1.7	3.5
Real Per Capita Income (\$/Person)	56,024	56,007	56,215	56,708	57,111	56,968	57,033	57,258
% Ch, Annual Rate	8.0	-0.1	1.5	3.6	2.9	-1.0	0.5	1.6
Price and Wage Indexes								
U.S. Implicit Price Deflator, PCE (2012=1.0)	1.075	1.080	1.085	1.089	1.090	1.098	1.103	1.109
% Ch, Annual Rate	2.5	2.0	1.6	1.5	0.6	2.7	2.1	2.0
Seattle Cons. Price Index (1982-84=1.0)	2.687	2.703	2.715	2.740	2.758	2.790	2.810	2.827
% Ch, Annual Rate	3.8	2.4	1.9	3.6	2.7	4.8	2.8	2.4
Average Nonfarm Annual Wage	67,137	67,178	67,648	68,507	69,365	69,562	70,046	70,607
% Ch, Annual Rate	16.5	0.2	2.8	5.2	5.1	1.1	2.8	3.2
Avg. Hourly Earnings-Mfg. (\$/Hour)	27.95	28.36	28.52	28.84	29.19	29.20	29.40	29.63
% Ch, Annual Rate	1.8	5.9	2.3	4.6	5.0	0.1	2.7	3.1
Current Dollar Income (Billions of Dollars)								
Personal Income	451.449	455.158	460.392	467.906	473.725	477.513	482.389	488.507
% Ch, Annual Rate	12.2	3.3	4.7	6.7	5.1	3.2	4.1	5.2
Disposable Personal Income	398.535	402.122	406.553	413.730	418.504	421.637	425.949	431.396
% Ch, Annual Rate	14.2	3.6	4.5	7.3	4.7	3.0	4.2	5.2
Per Capita Income (\$/Person)	60,237	60,515	60,976	61,738	62,268	62,528	62,929	63,490
% Ch, Annual Rate	10.6	1.9	3.1	5.1	3.5	1.7	2.6	3.6
Employment (Thousands)								
Washington Civilian Labor Force	3,759.0	3,777.4	3,802.5	3,823.0	3,849.0	3,874.8	3,889.0	3,904.1
Total Washington Employment	3,585.7	3,607.7	3,634.8	3,652.9	3,673.8	3,695.3	3,712.9	3,728.9
Unemployment Rate (%)	4.61	4.49	4.41	4.45	4.55	4.63	4.53	4.49
Nonfarm Payroll Employment	3,381.6	3,394.3	3,411.1	3,432.2	3,452.9	3,473.0	3,487.0	3,501.0
% Ch, Annual Rate	3.8	1.5	2.0	2.5	2.4	2.4	1.6	1.6
Manufacturing	284.8	285.9	288.0	291.4	292.2	292.8	292.6	293.2
% Ch, Annual Rate	3.2	1.5	3.0	4.8	1.1	0.8	-0.2	0.9
Durable Manufacturing	199.6	200.9	202.8	205.0	205.8	206.2	206.2	206.8
% Ch, Annual Rate	2.8	2.5	3.8	4.4	1.6	0.8	0.0	1.2
Aerospace	82.3	83.0	84.6	86.0	86.8	87.1	87.1	87.1
% Ch, Annual Rate	2.3	3.6	8.0	6.9	3.8	1.3	0.0	0.0
Nondurable Manufacturing	85.2	85.0	85.2	86.4	86.4	86.6	86.4	86.4
% Ch, Annual Rate	4.0	-0.8	1.2	5.5	0.0	0.7	-0.7	0.0
Construction	209.7	211.9	213.7	218.5	220.9	223.0	221.8	221.3
% Ch, Annual Rate	10.5	4.4	3.5	9.2	4.5	3.7	-2.1	-0.8
Service-Providing	2,880.8	2,890.2	2,903.0	2,916.0	2,933.4	2,950.9	2,966.2	2,980.1
% Ch, Annual Rate	3.4	1.3	1.8	1.8	2.4	2.4	2.1	1.9
Software Publishers	63.5	64.7	66.0	67.0	67.5	68.2	68.6	68.5
% Ch, Annual Rate	7.0	7.9	8.0	6.5	3.0	3.8	2.3	-0.7
Electronic Shopping and Mail-Order	54.3	54.3	54.2	56.4	58.7	59.8	60.8	61.6
% Ch, Annual Rate	6.8	0.1	-0.8	16.9	17.1	8.2	6.2	5.6
Housing Indicators (Thousands)								
Housing Units Authorized by Bldg. Permit	52.763	45.589	42.426	48.646	43.753	47.979	40.668	40.961
% Ch, Annual Rate	16.7	-44.3	-25.0	72.9	-34.6	44.6	-48.4	2.9
Single-Family	24.680	23.029	23.288	22.427	21.060	22.389	22.720	23.125
% Ch, Annual Rate	1.9	-24.2	4.6	-14.0	-22.2	27.7	6.0	7.3
Multi-Family	28.083	22.560	19.137	26.219	22.693	25.590	17.949	17.835
% Ch, Annual Rate	32.0	-58.4	-48.2	252.3	-43.9	61.7	-75.8	-2.5
30-Year Fixed Mortgage Rate (%)	4.27	4.54	4.57	4.78	4.38	4.32	4.37	4.43

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	444.626	448.611	451.731	454.945	458.479	461.380	464.343	467.342
% Ch, Annual Rate	3.7	3.6	2.8	2.9	3.1	2.6	2.6	2.6
Real Wage and Salary Disb.	231.447	233.564	234.866	236.353	237.896	239.361	240.957	242.598
% Ch, Annual Rate	3.0	3.7	2.2	2.6	2.6	2.5	2.7	2.8
Real Nonwage Income	213.179	215.047	216.865	218.593	220.583	222.019	223.385	224.744
% Ch, Annual Rate	4.6	3.6	3.4	3.2	3.7	2.6	2.5	2.5
Real Per Capita Income (\$/Person)	57,576	57,883	58,080	58,290	58,542	58,714	58,894	59,081
% Ch, Annual Rate	2.2	2.1	1.4	1.5	1.7	1.2	1.2	1.3
Price and Wage Indexes								
U.S. Implicit Price Deflator, PCE (2012=1.0)	1.114	1.119	1.125	1.131	1.137	1.143	1.148	1.154
% Ch, Annual Rate	2.0	1.9	2.0	2.0	2.1	2.0	2.0	2.0
Seattle Cons. Price Index (1982-84=1.0)	2.841	2.854	2.869	2.882	2.899	2.915	2.930	2.946
% Ch, Annual Rate	2.1	1.8	2.1	1.9	2.4	2.2	2.1	2.1
Average Nonfarm Annual Wage	71,211	71,805	72,424	73,066	73,727	74,357	75,003	75,679
% Ch, Annual Rate	3.5	3.4	3.5	3.6	3.7	3.5	3.5	3.7
Avg. Hourly Earnings-Mfg. (\$/Hour)	29.86	30.12	30.35	30.59	30.84	31.09	31.35	31.60
% Ch, Annual Rate	3.3	3.5	3.1	3.2	3.3	3.3	3.4	3.3
Current Dollar Income (Billions of Dollars)								
Personal Income	495.440	502.219	508.246	514.427	521.178	527.138	533.092	539.174
% Ch, Annual Rate	5.8	5.6	4.9	5.0	5.4	4.7	4.6	4.6
Disposable Personal Income	437.586	443.625	449.046	454.558	460.660	465.897	471.091	476.357
% Ch, Annual Rate	5.9	5.6	5.0	5.0	5.5	4.6	4.5	4.5
Per Capita Income (\$/Person)	64,156	64,800	65,346	65,911	66,547	67,082	67,614	68,162
% Ch, Annual Rate	4.3	4.1	3.4	3.5	3.9	3.3	3.2	3.3
Employment (Thousands)								
Washington Civilian Labor Force	3,920.8	3,941.6	3,951.8	3,964.8	3,978.8	3,992.5	4,006.0	4,019.2
Total Washington Employment	3,743.8	3,763.6	3,772.0	3,783.2	3,795.2	3,806.6	3,818.0	3,828.9
Unemployment Rate (%)	4.51	4.52	4.55	4.58	4.61	4.65	4.69	4.73
Nonfarm Payroll Employment	3,514.1	3,533.7	3,540.9	3,550.0	3,560.0	3,569.8	3,580.1	3,590.2
% Ch, Annual Rate	1.5	2.3	0.8	1.0	1.1	1.1	1.2	1.1
Manufacturing	293.3	292.1	291.8	291.6	291.7	291.7	291.7	291.9
% Ch, Annual Rate	0.1	-1.6	-0.5	-0.2	0.2	0.0	0.0	0.2
Durable Manufacturing	207.1	206.2	206.0	206.0	206.1	206.2	206.2	206.4
% Ch, Annual Rate	0.5	-1.7	-0.4	-0.1	0.2	0.1	0.0	0.4
Aerospace	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
% Ch, Annual Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nondurable Manufacturing	86.3	85.9	85.7	85.6	85.6	85.5	85.5	85.5
% Ch, Annual Rate	-0.8	-1.5	-0.9	-0.7	0.0	-0.2	0.0	-0.1
Construction	220.1	219.9	219.6	219.4	219.0	218.5	218.5	218.7
% Ch, Annual Rate	-2.1	-0.4	-0.5	-0.4	-0.7	-0.8	0.0	0.5
Service-Providing	2,994.2	3,015.2	3,023.1	3,032.7	3,042.8	3,053.1	3,063.4	3,073.1
% Ch, Annual Rate	1.9	2.8	1.0	1.3	1.4	1.4	1.4	1.3
Software Publishers	68.5	68.6	68.8	68.9	69.1	69.3	69.6	69.8
% Ch, Annual Rate	0.1	0.8	0.9	0.9	1.0	1.3	1.4	1.4
Electronic Shopping and Mail-Order	62.4	63.1	63.8	64.4	65.0	65.5	66.1	66.6
% 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	41.442	42.021	42.157	42.233	42.063	42.169	42.367	42.526
% Ch, Annual Rate	4.8	5.7	1.3	0.7	-1.6	1.0	1.9	1.5
Single-Family	23.528	23.929	24.083	24.230	24.231	24.365	24.669	25.037
% Ch, Annual Rate	7.2	7.0	2.6	2.5	0.0	2.2	5.1	6.1
Multi-Family	17.914	18.092	18.074	18.003	17.832	17.804	17.698	17.490
% Ch, Annual Rate	1.8	4.0	-0.4	-1.6	-3.7	-0.6	-2.4	-4.6
30-Year Fixed Mortgage Rate (%)	4.50	4.56	4.62	4.68	4.73	4.76	4.79	4.81

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	470.732	473.779	476.810	479.945	483.699	486.949	490.272	493.605
% Ch, Annual Rate	2.9	2.6	2.6	2.7	3.2	2.7	2.8	2.7
Real Wage and Salary Disb.	244.312	246.056	247.825	249.678	251.726	253.649	255.602	257.533
% Ch, Annual Rate	2.9	2.9	2.9	3.0	3.3	3.1	3.1	3.1
Real Nonwage Income	226.420	227.723	228.985	230.268	231.973	233.301	234.670	236.071
% Ch, Annual Rate	3.0	2.3	2.2	2.3	3.0	2.3	2.4	2.4
Real Per Capita Income (\$/Person)	59,318	59,514	59,709	59,918	60,206	60,433	60,670	60,910
% Ch, Annual Rate	1.6	1.3	1.3	1.4	1.9	1.5	1.6	1.6
Price and Wage Indexes								
U.S. Implicit Price Deflator, PCE (2012=1.0)	1.159	1.165	1.170	1.175	1.181	1.186	1.191	1.196
% Ch, Annual Rate	1.9	1.9	1.9	1.9	1.8	1.8	1.7	1.7
Seattle Cons. Price Index (1982-84=1.0)	2.961	2.976	2.991	3.006	3.021	3.037	3.051	3.066
% Ch, Annual Rate	2.1	2.0	2.0	2.1	2.0	2.0	2.0	2.0
Average Nonfarm Annual Wage	76,388	77,099	77,836	78,604	79,423	80,222	81,035	81,854
% Ch, Annual Rate	3.8	3.8	3.9	4.0	4.2	4.1	4.1	4.1
Avg. Hourly Earnings-Mfg. (\$/Hour)	31.86	32.12	32.37	32.63	32.90	33.16	33.43	33.70
% Ch, Annual Rate	3.4	3.3	3.2	3.2	3.3	3.3	3.3	3.2
Current Dollar Income (Billions of Dollars)								
Personal Income	545.691	551.782	557.869	564.137	571.114	577.541	584.000	590.503
% Ch, Annual Rate	4.9	4.5	4.5	4.6	5.0	4.6	4.5	4.5
Disposable Personal Income	481.982	487.142	492.224	497.445	503.233	508.518	513.839	519.208
% Ch, Annual Rate	4.8	4.4	4.2	4.3	4.7	4.3	4.3	4.2
Per Capita Income (\$/Person)	68,764	69,312	69,859	70,429	71,087	71,676	72,269	72,867
% Ch, Annual Rate	3.6	3.2	3.2	3.3	3.8	3.4	3.4	3.4
Employment (Thousands)								
Washington Civilian Labor Force	4,031.6	4,043.8	4,055.5	4,067.2	4,078.7	4,089.7	4,100.3	4,110.6
Total Washington Employment	3,838.9	3,848.9	3,858.1	3,867.2	3,876.1	3,884.8	3,893.0	3,901.1
Unemployment Rate (%)	4.78	4.82	4.87	4.92	4.97	5.01	5.06	5.10
Nonfarm Payroll Employment	3,599.2	3,608.4	3,616.8	3,625.4	3,633.8	3,641.7	3,648.9	3,655.9
% Ch, Annual Rate	1.0	1.0	0.9	1.0	0.9	0.9	0.8	0.8
Manufacturing	292.4	292.9	293.6	294.3	295.0	295.5	296.0	296.4
% Ch, Annual Rate	0.7	0.7	0.9	1.0	0.9	0.8	0.6	0.5
Durable Manufacturing	206.9	207.3	208.0	208.7	209.3	209.9	210.3	210.7
% Ch, Annual Rate	1.0	0.9	1.2	1.4	1.3	1.1	0.9	0.7
Aerospace	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
% Ch, Annual Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nondurable Manufacturing	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7
% Ch, Annual Rate	0.1	0.2	0.2	0.1	0.1	0.0	0.0	0.0
Construction	218.6	218.8	218.6	218.8	218.9	219.1	219.2	219.3
% Ch, Annual Rate	-0.2	0.3	-0.3	0.3	0.3	0.3	0.2	0.2
Service-Providing	3,081.7	3,090.2	3,098.1	3,105.8	3,113.4	3,120.6	3,127.2	3,133.6
% Ch, Annual Rate	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.8
Software Publishers	70.1	70.4	70.7	71.0	71.3	71.6	72.0	72.3
% Ch, Annual Rate	1.6	1.7	1.7	1.8	1.9	1.8	1.8	1.8
Electronic Shopping and Mail-Order	67.1	67.5	68.0	68.4	68.8	69.3	69.7	70.1
% 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	42.468	42.437	42.350	42.283	42.222	42.141	41.999	41.807
% Ch, Annual Rate	-0.5	-0.3	-0.8	-0.6	-0.6	-0.8	-1.3	-1.8
Single-Family	25.161	25.312	25.392	25.485	25.573	25.644	25.696	25.725
% Ch, Annual Rate	2.0	2.4	1.3	1.5	1.4	1.1	0.8	0.4
Multi-Family	17.307	17.125	16.958	16.798	16.648	16.496	16.303	16.083
% Ch, Annual Rate	-4.1	-4.1	-3.8	-3.7	-3.5	-3.6	-4.6	-5.3
30-Year Fixed Mortgage Rate (%)	4.82	4.82	4.83	4.83	4.83	4.83	4.82	4.80

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	151.37	152.97	153.88	154.70	155.39
% Ch	1.8	1.6	1.7	1.5	1.1	0.6	0.5	0.4
Manufacturing	12.35	12.44	12.69	12.83	12.71	12.54	12.48	12.46
% Ch	0.1	0.7	2.0	1.1	-1.0	-1.3	-0.5	-0.1
Durable Manufacturing	7.71	7.74	7.94	8.06	7.99	7.89	7.87	7.89
% Ch	-0.7	0.3	2.7	1.4	-0.8	-1.3	-0.2	0.3
Wood Products	0.39	0.40	0.41	0.41	0.42	0.43	0.46	0.47
% Ch	2.7	1.1	2.4	0.8	2.2	3.7	4.9	4.1
Primary and Fabricated Metals	1.80	1.80	1.84	1.87	1.85	1.82	1.82	1.87
% Ch	-3.0	0.0	2.7	1.3	-0.7	-2.1	0.4	2.4
Computer and Electronic Products	1.05	1.04	1.06	1.07	1.06	1.06	1.07	1.08
% Ch	-0.5	-0.9	1.6	1.8	-1.0	0.1	0.8	0.6
Machinery and Electrical Equipment	1.46	1.47	1.52	1.55	1.56	1.56	1.57	1.59
% Ch	-3.0	0.4	3.7	1.8	0.8	-0.1	0.9	1.2
Transportation Equipment	1.63	1.64	1.70	1.73	1.67	1.62	1.55	1.48
% Ch	1.6	0.8	3.6	1.7	-3.3	-3.5	-4.0	-4.7
Other Durables	1.39	1.40	1.42	1.43	1.43	1.40	1.40	1.41
% Ch	1.3	0.9	1.3	0.8	-0.2	-1.8	-0.2	0.9
Nondurable Manufacturing	4.64	4.70	4.74	4.77	4.71	4.65	4.61	4.57
% Ch	1.5	1.3	0.9	0.6	-1.2	-1.3	-0.9	-0.9
Food Manufacturing	1.56	1.60	1.62	1.64	1.65	1.66	1.67	1.67
% Ch	3.0	2.7	1.3	1.4	0.5	0.5	0.4	0.2
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	-0.1	-2.4	-2.4	-1.3	-0.8
Other Nondurables	2.71	2.73	2.76	2.76	2.71	2.64	2.60	2.56
% Ch	1.0	0.9	0.8	0.2	-2.1	-2.3	-1.7	-1.5
Natural Resources and Mining	0.67	0.68	0.73	0.75	0.77	0.78	0.78	0.78
% Ch	-17.8	1.1	8.3	3.1	1.7	1.2	0.8	0.3
Construction	6.73	6.97	7.29	7.51	7.65	7.89	8.14	8.39
% Ch	4.1	3.6	4.6	3.0	1.9	3.1	3.3	3.1
Trade, Transportation, and Utilities	27.20	27.40	27.65	27.83	27.76	27.59	27.32	27.06
% Ch	1.4	0.7	0.9	0.7	-0.2	-0.6	-1.0	-1.0
Wholesale Trade	5.79	5.81	5.85	5.94	5.99	6.01	6.02	6.03
% Ch	0.1	0.5	0.7	1.5	0.8	0.4	0.2	0.1
Retail Trade	15.84	15.84	15.82	15.77	15.66	15.49	15.25	15.02
% Ch	1.4	0.0	-0.1	-0.3	-0.7	-1.1	-1.6	-1.6
Trans., Warehousing, and Utilities	5.57	5.75	5.97	6.12	6.11	6.09	6.05	6.01
% Ch	2.6	3.1	3.9	2.4	-0.1	-0.4	-0.6	-0.6
Information	2.79	2.81	2.83	2.82	2.81	2.85	2.89	2.95
% Ch	1.6	0.7	0.5	-0.2	-0.1	1.1	1.4	2.1
Publishing Industries	0.73	0.73	0.73	0.73	0.69	0.66	0.65	0.64
% Ch	0.5	-0.2	0.5	-0.2	-5.5	-4.1	-2.3	-1.1
Other Information	2.06	2.08	2.09	2.09	2.12	2.18	2.24	2.31
% Ch	1.9	1.0	0.5	-0.3	1.7	2.8	2.5	3.0
Financial Activities	8.29	8.45	8.57	8.68	8.77	8.83	8.84	8.83
% Ch	2.0	2.0	1.4	1.3	1.1	0.6	0.2	-0.1
Professional and Business Services	20.11	20.51	21.00	21.48	22.32	23.06	23.61	24.11
% Ch	2.1	2.0	2.4	2.3	3.9	3.3	2.4	2.1
Education and Health Services	22.64	23.19	23.67	24.22	24.37	24.52	24.56	24.58
% Ch	2.8	2.4	2.1	2.3	0.6	0.6	0.2	0.1
Leisure and Hospitality	15.66	16.05	16.35	16.77	17.08	17.10	17.25	17.30
% Ch	3.3	2.5	1.9	2.5	1.9	0.1	0.8	0.3
Other Services	5.69	5.77	5.84	5.93	5.88	5.84	5.78	5.72
% Ch	1.2	1.4	1.3	1.5	-0.8	-0.7	-1.1	-1.0
Federal Government	2.79	2.80	2.80	2.80	2.92	2.80	2.80	2.80
% Ch	1.4	0.4	-0.3	0.1	4.5	-4.3	0.0	0.0
State and Local Government	19.44	19.55	19.65	19.76	19.92	20.09	20.25	20.42
% Ch	0.9	0.6	0.5	0.5	0.8	0.8	0.8	0.8

Table A2.2

U.S. Nonagricultural Employment by Industry (Millions)

Forecast 2019 to 2023

	2018:1	2018:2	2018:3	2018:4	2019:1	2019:2	2019:3	2019:4
Nonfarm Payroll Employment	148.05	148.74	149.41	150.06	150.67	151.16	151.63	152.02
% Ch, Annual Rate	1.8	1.9	1.8	1.7	1.7	1.3	1.2	1.1
Manufacturing	12.59	12.66	12.72	12.79	12.82	12.84	12.82	12.84
% Ch, Annual Rate	2.3	2.3	1.9	2.2	1.2	0.4	-0.6	0.8
Durable Manufacturing	7.86	7.92	7.97	8.02	8.05	8.05	8.05	8.08
% Ch, Annual Rate	3.4	3.0	2.7	2.4	1.6	0.1	-0.3	1.7
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	0.4	2.1	-2.3	3.3
Primary and Fabricated Metals	1.83	1.84	1.85	1.86	1.87	1.87	1.86	1.88
% Ch, Annual Rate	3.5	3.1	2.7	1.2	1.7	0.2	-0.8	2.7
Computer and Electronic Products	1.05	1.05	1.06	1.06	1.07	1.08	1.08	1.07
% Ch, Annual Rate	1.2	1.9	1.9	2.2	3.9	0.7	0.3	-1.5
Machinery and Electrical Equipment	1.49	1.51	1.53	1.54	1.55	1.54	1.54	1.56
% Ch, Annual Rate	3.8	5.3	3.6	2.8	1.8	-1.2	-0.3	4.6
Transportation Equipment	1.68	1.69	1.71	1.73	1.74	1.73	1.73	1.73
% Ch, Annual Rate	4.9	3.3	4.0	4.5	1.7	-0.2	-1.4	-0.3
Other Durables	1.41	1.41	1.42	1.42	1.42	1.43	1.43	1.44
% Ch, Annual Rate	2.2	1.1	1.0	1.8	-0.3	0.5	1.5	1.6
Nondurable Manufacturing	4.73	4.74	4.74	4.77	4.77	4.78	4.77	4.76
% Ch, Annual Rate	0.5	1.0	0.6	1.8	0.5	0.9	-1.1	-0.5
Food Manufacturing	1.61	1.62	1.62	1.63	1.63	1.64	1.64	1.65
% Ch, Annual Rate	1.1	1.5	0.6	2.5	0.7	1.4	1.2	2.0
Paper and Paper Products	0.36	0.37	0.37	0.37	0.37	0.37	0.36	0.36
% Ch, Annual Rate	-0.1	1.8	2.5	1.8	0.4	-2.9	-2.9	-1.1
Other Nondurables	2.75	2.75	2.76	2.77	2.77	2.78	2.76	2.75
% Ch, Annual Rate	0.3	0.7	0.3	1.3	0.4	1.1	-2.3	-1.9
Natural Resources and Mining	0.71	0.73	0.74	0.75	0.76	0.75	0.75	0.75
% Ch, Annual Rate	9.6	13.3	6.6	5.5	3.6	-3.3	1.5	0.4
Construction	7.18	7.26	7.33	7.39	7.44	7.49	7.53	7.56
% Ch, Annual Rate	6.7	4.8	4.0	3.1	3.1	2.6	1.8	1.7
Trade, Transportation, and Utilities	27.55	27.61	27.68	27.76	27.82	27.81	27.85	27.84
% Ch, Annual Rate	1.2	0.9	0.9	1.2	0.9	-0.2	0.6	0.0
Wholesale Trade	5.83	5.83	5.86	5.89	5.92	5.93	5.95	5.97
% Ch, Annual Rate	0.5	-0.1	2.4	1.8	1.8	1.0	1.4	1.1
Retail Trade	15.83	15.84	15.82	15.81	15.81	15.77	15.76	15.74
% Ch, Annual Rate	0.2	0.3	-0.5	-0.1	0.0	-1.0	-0.4	-0.5
Trans., Warehousing, and Utilities	5.90	5.95	5.99	6.06	6.10	6.10	6.14	6.14
% Ch, Annual Rate	4.4	3.5	3.2	4.4	2.5	0.6	2.2	-0.1
Information	2.82	2.83	2.83	2.83	2.82	2.82	2.83	2.81
% Ch, Annual Rate	-0.1	2.1	-0.5	0.4	-1.9	0.1	1.9	-2.3
Publishing Industries	0.73	0.73	0.73	0.73	0.73	0.74	0.74	0.72
% Ch, Annual Rate	0.8	0.4	0.6	0.1	0.3	0.8	0.7	-10.0
Other Information	2.08	2.10	2.09	2.10	2.08	2.08	2.09	2.10
% Ch, Annual Rate	-0.4	2.6	-0.9	0.5	-2.7	-0.2	2.3	0.5
Financial Activities	8.52	8.55	8.58	8.61	8.63	8.66	8.70	8.73
% Ch, Annual Rate	1.4	1.5	1.4	1.4	0.7	1.5	1.8	1.3
Professional and Business Services	20.77	20.93	21.07	21.22	21.31	21.42	21.48	21.71
% Ch, Annual Rate	2.2	3.0	2.8	2.8	1.7	2.1	1.3	4.3
Education and Health Services	23.48	23.59	23.74	23.86	24.01	24.16	24.34	24.36
% Ch, Annual Rate	2.3	1.9	2.6	2.0	2.6	2.5	2.9	0.4
Leisure and Hospitality	16.23	16.30	16.38	16.50	16.66	16.74	16.80	16.87
% Ch, Annual Rate	1.5	1.8	2.0	2.9	3.9	2.1	1.4	1.7
Other Services	5.81	5.84	5.85	5.87	5.89	5.93	5.96	5.93
% Ch, Annual Rate	0.8	2.2	0.8	1.2	1.6	2.7	1.8	-2.0
Federal Government	2.79	2.79	2.80	2.80	2.80	2.80	2.80	2.80
% Ch, Annual Rate	-0.8	0.1	0.4	0.5	-0.4	0.1	0.0	0.0
State and Local Government	19.60	19.64	19.69	19.68	19.71	19.74	19.77	19.81
% Ch, Annual Rate	0.4	0.8	0.9	0.0	0.5	0.7	0.6	0.9

Table A2.2 (continued)

U.S. Nonagricultural Employment by Industry (Millions)

Forecast 2019 to 2023

	2020:1	2020:2	2020:3	2020:4	2021:1	2021:2	2021:3	2021:4
Nonfarm Payroll Employment	152.45	153.01	153.13	153.30	153.52	153.77	154.00	154.22
% Ch, Annual Rate	1.1	1.5	0.3	0.5	0.6	0.6	0.6	0.6
Manufacturing	12.83	12.72	12.66	12.61	12.59	12.55	12.52	12.50
% Ch, Annual Rate	-0.3	-3.4	-2.0	-1.4	-0.9	-1.1	-1.0	-0.8
Durable Manufacturing	8.09	8.00	7.96	7.93	7.91	7.89	7.88	7.86
% Ch, Annual Rate	0.3	-4.2	-2.2	-1.3	-0.8	-1.0	-1.0	-0.7
Wood Products	0.42	0.42	0.42	0.42	0.43	0.43	0.44	0.44
% Ch, Annual Rate	5.0	-0.1	2.6	3.6	5.8	3.7	2.8	3.6
Primary and Fabricated Metals	1.88	1.86	1.85	1.83	1.83	1.82	1.81	1.81
% Ch, Annual Rate	0.7	-4.3	-2.6	-2.5	-1.4	-2.2	-1.7	-0.7
Computer and Electronic Products	1.07	1.06	1.06	1.06	1.06	1.06	1.06	1.07
% Ch, Annual Rate	-1.4	-2.6	-0.3	0.3	0.4	0.2	0.2	0.4
Machinery and Electrical Equipment	1.57	1.55	1.55	1.55	1.56	1.56	1.55	1.56
% Ch, Annual Rate	2.5	-3.0	-0.1	0.1	0.2	-0.1	-0.2	0.4
Transportation Equipment	1.72	1.68	1.65	1.64	1.63	1.62	1.61	1.60
% Ch, Annual Rate	-2.6	-7.6	-6.4	-3.1	-2.9	-2.0	-2.1	-3.6
Other Durables	1.44	1.43	1.42	1.41	1.41	1.40	1.40	1.39
% Ch, Annual Rate	1.0	-3.5	-1.8	-1.8	-1.5	-1.9	-1.7	-0.6
Nondurable Manufacturing	4.75	4.72	4.70	4.68	4.67	4.66	4.65	4.63
% Ch, Annual Rate	-1.3	-2.2	-1.7	-1.6	-1.0	-1.1	-1.0	-1.0
Food Manufacturing	1.65	1.65	1.65	1.65	1.65	1.66	1.66	1.66
% Ch, Annual Rate	0.5	-0.9	-0.4	-0.4	1.6	0.7	0.9	0.5
Paper and Paper Products	0.36	0.36	0.36	0.35	0.35	0.35	0.35	0.35
% Ch, Annual Rate	-2.4	-3.2	-2.4	-2.6	-2.6	-2.1	-1.8	-1.6
Other Nondurables	2.73	2.71	2.70	2.68	2.67	2.65	2.64	2.62
% Ch, Annual Rate	-2.2	-2.8	-2.4	-2.2	-2.4	-2.1	-2.0	-1.9
Natural Resources and Mining	0.76	0.77	0.77	0.77	0.77	0.77	0.78	0.78
% Ch, Annual Rate	4.4	1.5	1.6	1.3	-0.2	2.3	1.4	0.8
Construction	7.58	7.62	7.66	7.73	7.79	7.85	7.91	7.98
% Ch, Annual Rate	1.3	1.8	2.5	3.5	3.4	3.0	3.1	3.4
Trade, Transportation, and Utilities	27.80	27.78	27.77	27.71	27.68	27.64	27.57	27.48
% Ch, Annual Rate	-0.7	-0.2	-0.2	-0.8	-0.4	-0.5	-1.1	-1.3
Wholesale Trade	5.98	5.98	5.99	6.00	6.00	6.01	6.01	6.02
% Ch, Annual Rate	0.6	0.3	0.8	0.5	0.3	0.4	0.3	0.0
Retail Trade	15.70	15.68	15.66	15.60	15.58	15.54	15.47	15.39
% Ch, Annual Rate	-1.1	-0.3	-0.5	-1.5	-0.7	-0.9	-1.9	-1.9
Trans., Warehousing, and Utilities	6.12	6.12	6.11	6.11	6.10	6.09	6.08	6.07
% Ch, Annual Rate	-0.9	-0.5	-0.2	-0.4	-0.4	-0.4	-0.6	-0.8
Information	2.81	2.81	2.82	2.82	2.83	2.83	2.85	2.87
% Ch, Annual Rate	-0.7	0.2	1.8	-0.2	1.0	0.9	2.5	2.5
Publishing Industries	0.70	0.69	0.69	0.68	0.67	0.66	0.66	0.65
% Ch, Annual Rate	-7.4	-5.1	-4.7	-4.8	-4.4	-3.3	-3.1	-2.9
Other Information	2.10	2.11	2.14	2.14	2.16	2.17	2.19	2.21
% Ch, Annual Rate	1.6	2.0	4.0	1.3	2.8	2.2	4.3	4.2
Financial Activities	8.75	8.77	8.79	8.80	8.81	8.82	8.83	8.84
% Ch, Annual Rate	0.9	1.0	0.8	0.4	0.7	0.4	0.6	0.5
Professional and Business Services	21.99	22.20	22.42	22.66	22.86	22.99	23.13	23.26
% Ch, Annual Rate	5.3	3.9	3.9	4.5	3.5	2.4	2.4	2.3
Education and Health Services	24.36	24.34	24.37	24.41	24.47	24.52	24.55	24.56
% Ch, Annual Rate	-0.1	-0.2	0.5	0.5	1.0	0.8	0.6	0.0
Leisure and Hospitality	16.96	17.07	17.16	17.15	17.05	17.06	17.12	17.19
% Ch, Annual Rate	2.1	2.7	2.2	-0.4	-2.3	0.3	1.2	1.7
Other Services	5.91	5.89	5.88	5.86	5.86	5.85	5.84	5.82
% Ch, Annual Rate	-1.7	-1.2	-0.8	-0.8	-0.4	-0.6	-1.0	-1.2
Federal Government	2.85	3.15	2.89	2.80	2.80	2.80	2.80	2.80
% Ch, Annual Rate	7.8	49.2	-29.1	-12.3	0.0	0.0	0.0	0.0
State and Local Government	19.86	19.90	19.94	19.98	20.02	20.06	20.11	20.15
% Ch, Annual Rate	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8

Table A2.2 (continued)

U.S. Nonagricultural Employment by Industry (Millions)

Forecast 2019 to 2023

	2022:1	2022:2	2022:3	2022:4	2023:1	2023:2	2023:3	2023:4
Nonfarm Payroll Employment	154.41	154.61	154.80	154.97	155.15	155.32	155.47	155.64
% Ch, Annual Rate	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
Manufacturing	12.49	12.48	12.47	12.47	12.47	12.47	12.46	12.45
% Ch, Annual Rate	-0.2	-0.4	-0.1	0.0	-0.1	-0.2	-0.1	-0.3
Durable Manufacturing	7.86	7.86	7.87	7.88	7.89	7.89	7.90	7.90
% Ch, Annual Rate	0.1	-0.1	0.3	0.6	0.4	0.3	0.4	0.0
Wood Products	0.45	0.45	0.46	0.46	0.47	0.47	0.48	0.48
% Ch, Annual Rate	5.9	5.6	5.8	5.6	3.9	3.1	2.5	2.3
Primary and Fabricated Metals	1.81	1.82	1.83	1.84	1.85	1.86	1.87	1.88
% Ch, Annual Rate	0.9	1.2	2.1	2.6	2.8	2.7	2.2	1.5
Computer and Electronic Products	1.07	1.07	1.07	1.08	1.08	1.08	1.08	1.08
% Ch, Annual Rate	1.2	0.9	1.2	0.9	0.7	0.2	0.0	-0.2
Machinery and Electrical Equipment	1.56	1.57	1.57	1.58	1.58	1.59	1.59	1.59
% Ch, Annual Rate	1.4	1.0	1.4	1.6	1.4	1.0	0.6	0.3
Transportation Equipment	1.58	1.56	1.54	1.52	1.50	1.48	1.47	1.46
% Ch, Annual Rate	-4.3	-5.3	-4.8	-4.9	-5.5	-5.1	-2.9	-2.7
Other Durables	1.40	1.40	1.40	1.40	1.41	1.41	1.41	1.41
% Ch, Annual Rate	0.5	0.2	0.4	0.9	1.0	1.3	0.7	0.2
Nondurable Manufacturing	4.62	4.61	4.61	4.60	4.59	4.57	4.56	4.55
% Ch, Annual Rate	-0.9	-0.8	-0.8	-0.8	-0.9	-0.9	-0.9	-1.0
Food Manufacturing	1.66	1.66	1.67	1.67	1.67	1.67	1.67	1.67
% Ch, Annual Rate	0.4	0.3	0.2	0.1	0.1	0.2	0.3	0.3
Paper and Paper Products	0.35	0.34	0.34	0.34	0.34	0.34	0.34	0.34
% Ch, Annual Rate	-1.2	-0.9	-0.7	-0.8	-0.7	-0.8	-0.7	-0.8
Other Nondurables	2.61	2.60	2.60	2.59	2.58	2.57	2.55	2.54
% Ch, Annual Rate	-1.6	-1.5	-1.4	-1.4	-1.5	-1.6	-1.7	-1.8
Natural Resources and Mining	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.79
% Ch, Annual Rate	0.3	0.9	0.7	0.2	0.4	-0.4	0.6	0.7
Construction	8.05	8.11	8.17	8.24	8.30	8.36	8.42	8.48
% Ch, Annual Rate	3.5	3.2	3.1	3.0	3.0	3.0	3.0	3.0
Trade, Transportation, and Utilities	27.41	27.36	27.30	27.23	27.15	27.08	27.03	26.97
% Ch, Annual Rate	-1.0	-0.8	-0.8	-1.0	-1.2	-0.9	-0.9	-0.8
Wholesale Trade	6.02	6.02	6.02	6.02	6.03	6.03	6.03	6.03
% Ch, Annual Rate	0.2	0.1	0.2	0.0	0.2	0.1	0.1	0.2
Retail Trade	15.33	15.28	15.23	15.17	15.09	15.04	14.99	14.94
% Ch, Annual Rate	-1.7	-1.1	-1.3	-1.5	-2.1	-1.4	-1.4	-1.3
Trans., Warehousing, and Utilities	6.06	6.05	6.04	6.03	6.03	6.02	6.01	6.00
% Ch, Annual Rate	-0.6	-0.7	-0.6	-0.7	-0.5	-0.6	-0.6	-0.5
Information	2.87	2.88	2.89	2.90	2.92	2.94	2.96	2.97
% Ch, Annual Rate	0.6	1.2	0.8	1.5	3.0	2.2	2.7	1.9
Publishing Industries	0.65	0.65	0.65	0.64	0.64	0.64	0.64	0.64
% Ch, Annual Rate	-2.2	-1.8	-1.5	-1.2	-0.8	-1.0	-0.9	-1.0
Other Information	2.22	2.23	2.24	2.26	2.28	2.30	2.32	2.33
% Ch, Annual Rate	1.4	2.1	1.5	2.3	4.1	3.2	3.8	2.8
Financial Activities	8.85	8.84	8.84	8.84	8.84	8.83	8.83	8.82
% Ch, Annual Rate	0.3	-0.3	-0.2	-0.1	0.1	-0.3	-0.3	-0.3
Professional and Business Services	23.41	23.55	23.68	23.81	23.96	24.07	24.15	24.24
% Ch, Annual Rate	2.6	2.3	2.2	2.2	2.6	1.8	1.4	1.4
Education and Health Services	24.56	24.56	24.56	24.56	24.57	24.58	24.58	24.59
% Ch, Annual Rate	0.1	0.0	0.0	0.0	0.2	0.1	0.0	0.1
Leisure and Hospitality	17.20	17.24	17.27	17.28	17.26	17.28	17.31	17.34
% Ch, Annual Rate	0.3	0.9	0.6	0.3	-0.6	0.6	0.6	0.7
Other Services	5.80	5.79	5.77	5.75	5.74	5.73	5.71	5.70
% Ch, Annual Rate	-1.0	-1.1	-1.1	-1.2	-0.9	-1.0	-0.9	-0.8
Federal Government	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80
% Ch, Annual Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
State and Local Government	20.19	20.23	20.27	20.31	20.36	20.40	20.44	20.48
% Ch, Annual Rate	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8

Table A2.3

Washington Nonagricultural Employment by Industry (Thousands)

Forecast 2019 to 2023

	2016	2017	2018	2019	2020	2021	2022	2023
Nonfarm Payroll Employment	3,242.8	3,321.2	3,404.8	3,478.5	3,534.7	3,575.0	3,612.4	3,645.1
% Ch	3.1	2.4	2.5	2.2	1.6	1.1	1.0	0.9
Manufacturing	290.4	284.2	287.5	292.7	292.2	291.7	293.3	295.7
% Ch	-0.7	-2.1	1.2	1.8	-0.2	-0.2	0.5	0.8
Durable Manufacturing	207.7	200.3	202.1	206.2	206.3	206.2	207.7	210.1
% Ch	-1.7	-3.5	0.9	2.1	0.0	-0.1	0.7	1.1
Wood Products	13.1	12.9	13.0	12.7	12.7	12.8	13.1	13.3
% Ch	-1.6	-1.7	0.9	-2.1	-0.3	1.0	2.0	1.4
Primary and Fabricated Metals	25.2	25.1	26.1	26.5	26.3	25.7	25.8	26.4
% Ch	-2.0	-0.6	4.0	1.8	-0.8	-2.3	0.3	2.5
Computer and Electronic Products	20.1	19.6	19.8	20.2	20.1	20.3	20.8	21.2
% Ch	0.7	-2.3	0.8	1.9	-0.4	1.2	2.4	2.1
Machinery and Electrical Equipment	20.5	20.7	21.3	22.0	22.8	23.4	24.3	25.3
% Ch	-1.2	1.0	2.8	3.4	3.7	2.5	3.9	4.3
Aerospace	91.0	84.2	84.0	87.0	87.1	87.1	87.1	87.1
% Ch	-3.2	-7.5	-0.3	3.7	0.1	0.0	0.0	0.0
Other Transportation Equip.	10.2	10.2	9.9	9.8	9.3	8.9	8.6	8.4
% Ch	-0.9	0.1	-3.1	-0.8	-5.4	-3.3	-3.3	-3.0
Other Durables	27.6	27.7	28.1	28.0	28.1	27.9	28.0	28.3
% Ch	1.2	0.2	1.6	-0.4	0.3	-0.5	0.2	1.1
Nondurable Manufacturing	82.7	83.9	85.4	86.5	85.9	85.5	85.6	85.7
% Ch	2.0	1.4	1.8	1.2	-0.7	-0.4	0.1	0.1
Food Manufacturing	37.6	38.0	38.9	40.4	40.4	40.3	40.1	39.8
% Ch	1.9	1.3	2.2	3.9	0.0	-0.3	-0.4	-0.6
Paper and Paper Products	7.8	7.7	7.6	7.4	7.2	6.9	6.7	6.6
% Ch	-3.5	-0.2	-1.8	-2.2	-3.6	-3.6	-2.4	-1.8
Other Nondurables	37.4	38.1	39.0	38.6	38.3	38.4	38.7	39.2
% Ch	3.4	1.9	2.2	-0.9	-0.8	0.2	1.0	1.2
Natural Resources and Mining	6.3	6.2	6.3	6.4	6.5	6.5	6.5	6.6
% Ch	-0.8	-1.0	1.5	0.9	1.4	0.1	1.0	1.0
Construction	186.6	199.8	213.4	221.7	219.7	218.7	218.7	219.1
% Ch	7.7	7.0	6.8	3.9	-0.9	-0.5	0.0	0.2
Trade, Transportation, and Utilities	605.7	624.6	637.3	644.8	650.0	651.6	650.5	648.7
% Ch	3.1	3.1	2.0	1.2	0.8	0.3	-0.2	-0.3
Wholesale Trade	132.1	133.3	136.4	139.1	140.7	141.5	142.1	142.6
% Ch	0.6	0.9	2.4	1.9	1.2	0.6	0.4	0.4
Retail Trade	365.2	378.7	386.2	391.3	394.8	395.7	394.3	392.4
% Ch	3.2	3.7	2.0	1.3	0.9	0.2	-0.4	-0.5
Electronic Shopping and Mail-Order	38.2	49.7	54.8	60.2	63.4	65.8	67.7	69.5
% Ch	26.6	30.1	10.3	9.8	5.3	3.8	3.0	2.5
Other Retail Trade	327.0	329.0	331.4	331.1	331.4	329.9	326.6	322.9
% Ch	1.0	0.6	0.7	-0.1	0.1	-0.4	-1.0	-1.1
Trans., Warehousing, and Utilities	108.4	112.6	114.6	114.5	114.5	114.4	114.0	113.7
% Ch	6.0	3.8	1.8	-0.2	0.0	-0.1	-0.3	-0.3
Information	121.4	126.3	133.6	139.3	141.2	143.1	145.6	149.1
% Ch	6.2	4.1	5.8	4.2	1.3	1.4	1.7	2.4
Software Publishers	58.9	61.4	65.3	68.2	68.7	69.4	70.5	71.8
% Ch	5.3	4.2	6.4	4.4	0.8	1.1	1.6	1.8
Other Publishing Industries	5.9	5.5	5.1	4.7	3.9	3.3	2.9	2.6
% Ch	-4.0	-6.8	-7.8	-7.9	-16.0	-15.1	-12.7	-11.0
Other Information	56.5	59.4	63.2	66.4	68.5	70.3	72.2	74.7
% Ch	8.4	5.0	6.5	5.0	3.2	2.7	2.6	3.5
Financial Activities	151.0	154.0	157.5	158.9	160.1	160.2	159.4	158.1
% Ch	2.1	2.0	2.3	0.9	0.8	0.0	-0.5	-0.8
Professional and Business Services	401.5	413.4	426.1	437.7	456.8	473.9	487.5	499.8
% Ch	3.5	3.0	3.1	2.7	4.3	3.7	2.9	2.5
Education and Health Services	463.5	475.6	491.4	508.8	517.0	524.6	529.8	534.2
% Ch	3.4	2.6	3.3	3.6	1.6	1.5	1.0	0.8
Leisure and Hospitality	323.3	331.5	342.7	354.4	362.6	365.7	370.1	372.7
% Ch	4.3	2.6	3.4	3.4	2.3	0.8	1.2	0.7
Other Services	117.6	119.7	121.7	124.3	126.4	128.3	129.8	131.2
% Ch	2.3	1.8	1.7	2.1	1.7	1.5	1.2	1.1
Federal Government	74.5	74.8	74.7	75.5	78.4	76.4	76.7	77.0
% Ch	1.9	0.4	-0.2	1.1	3.8	-2.6	0.5	0.4
State and Local Government	501.1	511.0	512.4	513.9	523.9	534.4	544.5	552.8
% Ch	2.5	2.0	0.3	0.3	1.9	2.0	1.9	1.5

Table A2.4

Washington Nonagricultural Employment by Industry (Thousands)

Forecast 2019 to 2023

	2018:1	2018:2	2018:3	2018:4	2019:1	2019:2	2019:3	2019:4
Nonfarm Payroll Employment	3,381.6	3,394.3	3,411.1	3,432.2	3,452.9	3,473.0	3,487.0	3,501.0
% Ch, Annual Rate	3.8	1.5	2.0	2.5	2.4	2.4	1.6	1.6
Manufacturing	284.8	285.9	288.0	291.4	292.2	292.8	292.6	293.2
% Ch, Annual Rate	3.2	1.5	3.0	4.8	1.1	0.8	-0.2	0.9
Durable Manufacturing	199.6	200.9	202.8	205.0	205.8	206.2	206.2	206.8
% Ch, Annual Rate	2.8	2.5	3.8	4.4	1.6	0.8	0.0	1.2
Wood Products	13.1	13.0	12.9	12.9	12.8	12.8	12.6	12.7
% Ch, Annual Rate	4.0	-1.5	-3.1	1.0	-4.7	-0.9	-4.1	0.7
Primary and Fabricated Metals	25.7	26.1	26.2	26.3	26.5	26.5	26.5	26.6
% Ch, Annual Rate	9.7	5.4	1.8	2.4	2.6	0.3	-1.0	2.8
Computer and Electronic Products	19.7	19.7	19.9	19.9	20.0	20.2	20.3	20.2
% Ch, Annual Rate	1.7	0.0	2.5	0.2	2.8	4.0	1.6	-1.3
Machinery and Electrical Equipment	21.1	21.2	21.3	21.6	21.8	21.9	22.0	22.4
% Ch, Annual Rate	1.3	2.3	1.5	5.0	5.1	0.7	1.8	9.0
Aerospace	82.3	83.0	84.6	86.0	86.8	87.1	87.1	87.1
% Ch, Annual Rate	2.3	3.6	8.0	6.9	3.8	1.3	0.0	0.0
Other Transportation Equip.	9.8	9.8	9.9	10.0	9.9	9.8	9.7	9.6
% Ch, Annual Rate	-6.5	0.2	2.7	5.6	-3.1	-3.9	-2.9	-3.9
Other Durables	28.0	28.1	28.1	28.3	27.9	27.9	28.0	28.1
% Ch, Annual Rate	3.0	1.6	-0.2	2.8	-4.8	0.0	1.2	1.4
Nondurable Manufacturing	85.2	85.0	85.2	86.4	86.4	86.6	86.4	86.4
% Ch, Annual Rate	4.0	-0.8	1.2	5.5	0.0	0.7	-0.7	0.0
Food Manufacturing	39.0	38.6	38.7	39.3	39.9	40.5	40.5	40.6
% Ch, Annual Rate	8.3	-4.4	1.0	7.0	6.0	6.3	0.3	1.1
Paper and Paper Products	7.6	7.6	7.6	7.6	7.5	7.5	7.4	7.3
% Ch, Annual Rate	-1.9	0.4	-2.8	-0.8	-1.8	-3.5	-4.2	-2.1
Other Nondurables	38.5	38.8	39.0	39.5	39.0	38.6	38.5	38.4
% Ch, Annual Rate	1.1	2.6	2.3	5.3	-5.3	-4.0	-1.0	-0.7
Natural Resources and Mining	6.3	6.3	6.3	6.3	6.4	6.3	6.4	6.4
% Ch, Annual Rate	5.8	0.5	0.5	-4.6	7.6	-2.2	1.8	0.9
Construction	209.7	211.9	213.7	218.5	220.9	223.0	221.8	221.3
% Ch, Annual Rate	10.5	4.4	3.5	9.2	4.5	3.7	-2.1	-0.8
Trade, Transportation, and Utilities	636.8	636.2	637.8	638.4	641.9	643.7	646.0	647.7
% Ch, Annual Rate	4.0	-0.4	1.0	0.3	2.2	1.1	1.5	1.0
Wholesale Trade	135.6	136.2	136.7	137.3	138.2	138.8	139.4	139.9
% Ch, Annual Rate	5.0	1.8	1.5	1.7	2.8	1.8	1.6	1.5
Retail Trade	386.8	385.4	386.4	386.2	389.2	390.8	392.0	393.1
% Ch, Annual Rate	5.0	-1.4	1.0	-0.2	3.1	1.7	1.3	1.1
Electronic Shopping and Mail-Order	54.3	54.3	54.2	56.4	58.7	59.8	60.8	61.6
% Ch	6.8	0.1	-0.8	16.9	17.1	8.2	6.2	5.6
Other Retail Trade	332.5	331.1	332.2	329.8	330.5	330.9	331.3	331.5
% Ch	4.8	-1.6	1.3	-2.8	0.8	0.5	0.4	0.3
Trans., Warehousing, and Utilities	114.4	114.5	114.7	114.9	114.5	114.1	114.6	114.7
% Ch, Annual Rate	-0.3	0.3	0.6	0.6	-1.3	-1.5	2.0	0.2
Information	129.9	132.4	135.0	137.2	137.7	139.2	140.2	140.1
% Ch, Annual Rate	5.5	8.1	8.2	6.6	1.6	4.3	2.9	-0.3
Software Publishers	63.5	64.7	66.0	67.0	67.5	68.2	68.6	68.5
% Ch, Annual Rate	7.0	7.9	8.0	6.5	3.0	3.8	2.3	-0.7
Other Publishing Industries	5.2	5.2	5.1	4.9	4.8	4.8	4.7	4.4
% Ch, Annual Rate	-7.9	-4.7	-6.0	-11.0	-6.9	-5.8	-3.5	-23.2
Other Information	61.2	62.5	64.0	65.2	65.4	66.2	66.9	67.2
% Ch, Annual Rate	5.2	9.4	9.5	8.1	0.8	5.5	3.9	1.8
Financial Activities	156.8	157.8	157.9	157.5	157.8	158.7	159.3	159.7
% Ch, Annual Rate	4.5	2.5	0.1	-0.9	0.7	2.4	1.4	1.1
Professional and Business Services	422.1	424.1	427.4	430.9	432.8	436.0	438.5	443.5
% Ch, Annual Rate	5.5	2.0	3.2	3.3	1.8	3.0	2.2	4.7
Education and Health Services	486.5	489.2	492.8	497.0	503.1	507.3	511.6	513.4
% Ch, Annual Rate	3.3	2.2	3.0	3.5	5.0	3.4	3.4	1.4
Leisure and Hospitality	339.7	341.1	342.5	347.5	351.3	353.7	355.4	357.3
% Ch, Annual Rate	6.0	1.7	1.5	6.0	4.5	2.7	1.9	2.2
Other Services	120.8	121.3	122.3	122.5	123.2	124.0	124.7	125.2
% Ch, Annual Rate	1.4	1.8	3.1	0.7	2.2	2.7	2.4	1.5
Federal Government	74.7	74.7	74.4	75.0	75.3	75.5	75.6	75.7
% Ch, Annual Rate	-0.7	-0.2	-1.2	3.1	1.4	1.2	0.6	0.6
State and Local Government	513.5	513.4	512.9	510.1	510.3	512.9	515.0	517.5
% Ch, Annual Rate	-0.4	-0.1	-0.4	-2.2	0.2	2.0	1.7	1.9

Table A2.4 (continued)

Washington Nonagricultural Employment by Industry (Thousands)

Forecast 2019 to 2023

	2020:1	2020:2	2020:3	2020:4	2021:1	2021:2	2021:3	2021:4
Nonfarm Payroll Employment	3,514.1	3,533.7	3,540.9	3,550.0	3,560.0	3,569.8	3,580.1	3,590.2
% Ch, Annual Rate	1.5	2.3	0.8	1.0	1.1	1.1	1.2	1.1
Manufacturing	293.3	292.1	291.8	291.6	291.7	291.7	291.7	291.9
% Ch, Annual Rate	0.1	-1.6	-0.5	-0.2	0.2	0.0	0.0	0.2
Durable Manufacturing	207.1	206.2	206.0	206.0	206.1	206.2	206.2	206.4
% Ch, Annual Rate	0.5	-1.7	-0.4	-0.1	0.2	0.1	0.0	0.4
Wood Products	12.7	12.6	12.7	12.7	12.8	12.8	12.8	12.8
% Ch, Annual Rate	2.1	-2.2	0.1	0.9	2.8	1.0	0.3	1.0
Primary and Fabricated Metals	26.7	26.4	26.2	26.0	25.9	25.7	25.6	25.6
% Ch, Annual Rate	0.6	-4.6	-2.8	-2.8	-1.6	-2.4	-1.9	-0.8
Computer and Electronic Products	20.2	20.0	20.0	20.1	20.2	20.3	20.4	20.5
% Ch, Annual Rate	-1.1	-2.9	0.7	1.6	1.8	1.4	1.5	1.8
Machinery and Electrical Equipment	22.8	22.7	22.8	23.0	23.2	23.3	23.5	23.6
% Ch, Annual Rate	6.1	-1.4	2.6	2.8	2.9	2.6	2.4	3.3
Aerospace	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
% Ch, Annual Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Transportation Equip.	9.5	9.3	9.1	9.1	9.0	9.0	8.9	8.9
% Ch, Annual Rate	-6.6	-7.3	-6.6	-2.6	-3.8	-0.7	-1.5	-3.3
Other Durables	28.2	28.1	28.1	28.0	28.0	27.9	27.9	27.9
% Ch, Annual Rate	0.7	-1.1	-0.4	-0.7	-0.3	-0.6	-0.7	0.0
Nondurable Manufacturing	86.3	85.9	85.7	85.6	85.6	85.5	85.5	85.5
% Ch, Annual Rate	-0.8	-1.5	-0.9	-0.7	0.0	-0.2	0.0	-0.1
Food Manufacturing	40.6	40.4	40.3	40.2	40.3	40.3	40.3	40.2
% Ch, Annual Rate	-0.3	-1.6	-1.2	-1.1	0.7	-0.1	0.1	-0.4
Paper and Paper Products	7.3	7.2	7.1	7.1	7.0	6.9	6.9	6.8
% Ch, Annual Rate	-3.6	-4.6	-3.7	-3.9	-3.9	-3.3	-3.1	-2.7
Other Nondurables	38.4	38.3	38.3	38.3	38.3	38.3	38.4	38.5
% Ch, Annual Rate	-0.7	-0.9	0.0	0.4	0.1	0.2	0.4	0.7
Natural Resources and Mining	6.4	6.5	6.5	6.4	6.4	6.4	6.5	6.5
% Ch, Annual Rate	3.7	2.3	-1.3	-0.5	0.0	0.1	0.8	1.0
Construction	220.1	219.9	219.6	219.4	219.0	218.5	218.5	218.7
% Ch, Annual Rate	-2.1	-0.4	-0.5	-0.4	-0.7	-0.8	0.0	0.5
Trade, Transportation, and Utilities	648.3	649.7	650.8	651.0	651.6	652.1	651.7	651.1
% Ch, Annual Rate	0.4	0.8	0.7	0.1	0.4	0.3	-0.2	-0.4
Wholesale Trade	140.2	140.5	140.9	141.1	141.3	141.4	141.7	141.8
% Ch, Annual Rate	0.9	0.8	1.1	0.7	0.4	0.5	0.6	0.4
Retail Trade	393.6	394.7	395.4	395.4	395.9	396.2	395.7	395.1
% Ch, Annual Rate	0.5	1.1	0.8	-0.1	0.5	0.3	-0.5	-0.6
Electronic Shopping and Mail-Order	62.4	63.1	63.8	64.4	65.0	65.5	66.1	66.6
% Ch	5.1	4.7	4.3	4.0	3.7	3.5	3.3	3.1
Other Retail Trade	331.3	331.6	331.7	331.0	330.9	330.7	329.6	328.5
% Ch	-0.3	0.4	0.1	-0.8	-0.1	-0.3	-1.3	-1.4
Trans., Warehousing, and Utilities	114.5	114.5	114.5	114.5	114.5	114.4	114.4	114.2
% Ch, Annual Rate	-0.6	0.0	0.1	-0.1	-0.1	-0.2	-0.2	-0.4
Information	140.4	141.0	141.6	141.7	142.2	142.6	143.5	144.3
% Ch, Annual Rate	0.9	1.7	1.8	0.3	1.3	1.2	2.4	2.5
Software Publishers	68.5	68.6	68.8	68.9	69.1	69.3	69.6	69.8
% Ch, Annual Rate	0.1	0.8	0.9	0.9	1.0	1.3	1.4	1.4
Other Publishing Industries	4.2	4.0	3.9	3.7	3.5	3.4	3.3	3.2
% Ch, Annual Rate	-19.3	-15.7	-15.3	-16.0	-15.8	-13.8	-13.9	-13.7
Other Information	67.7	68.3	69.0	69.1	69.5	69.9	70.6	71.4
% Ch, Annual Rate	3.2	3.8	3.8	0.8	2.5	1.9	4.4	4.4
Financial Activities	159.9	160.1	160.3	160.2	160.3	160.1	160.1	160.1
% Ch, Annual Rate	0.4	0.7	0.4	-0.2	0.0	-0.3	0.0	0.0
Professional and Business Services	449.4	454.2	459.0	464.3	468.7	472.2	475.6	478.9
% Ch, Annual Rate	5.4	4.3	4.3	4.7	3.8	3.0	3.0	2.8
Education and Health Services	514.7	515.9	517.7	519.6	521.9	523.9	525.7	526.9
% Ch, Annual Rate	1.0	0.9	1.4	1.4	1.8	1.6	1.4	0.9
Leisure and Hospitality	359.5	362.1	364.2	364.7	363.9	364.7	366.2	367.9
% Ch, Annual Rate	2.5	2.9	2.4	0.5	-0.9	0.9	1.6	1.9
Other Services	125.6	126.1	126.6	127.1	127.6	128.1	128.5	128.9
% Ch, Annual Rate	1.5	1.6	1.6	1.5	1.6	1.5	1.4	1.2
Federal Government	76.3	83.6	77.5	76.1	76.2	76.3	76.4	76.5
% Ch, Annual Rate	3.3	43.8	-26.1	-6.9	0.5	0.5	0.5	0.5
State and Local Government	520.0	522.5	525.2	527.9	530.5	533.1	535.7	538.4
% 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	3,599.2	3,608.4	3,616.8	3,625.4	3,633.8	3,641.7	3,648.9	3,655.9
% Ch, Annual Rate	1.0	1.0	0.9	1.0	0.9	0.9	0.8	0.8
Manufacturing	292.4	292.9	293.6	294.3	295.0	295.5	296.0	296.4
% Ch, Annual Rate	0.7	0.7	0.9	1.0	0.9	0.8	0.6	0.5
Durable Manufacturing	206.9	207.3	208.0	208.7	209.3	209.9	210.3	210.7
% Ch, Annual Rate	1.0	0.9	1.2	1.4	1.3	1.1	0.9	0.7
Wood Products	12.9	13.0	13.1	13.2	13.2	13.3	13.3	13.3
% Ch, Annual Rate	2.9	2.7	2.8	2.7	1.2	0.6	0.1	-0.1
Primary and Fabricated Metals	25.6	25.7	25.8	26.0	26.2	26.4	26.5	26.6
% Ch, Annual Rate	0.8	1.2	2.2	2.8	3.0	2.8	2.3	1.6
Computer and Electronic Products	20.6	20.7	20.9	21.0	21.1	21.2	21.3	21.3
% Ch, Annual Rate	3.1	2.6	3.0	2.6	2.2	1.5	1.2	0.8
Machinery and Electrical Equipment	23.9	24.2	24.4	24.7	25.0	25.3	25.5	25.7
% Ch, Annual Rate	4.6	4.1	4.5	4.9	4.7	4.1	3.5	3.1
Aerospace	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
% Ch, Annual Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Transportation Equip.	8.8	8.7	8.6	8.5	8.5	8.4	8.4	8.3
% Ch, Annual Rate	-4.3	-4.0	-3.7	-2.6	-2.7	-2.9	-2.9	-2.8
Other Durables	27.9	28.0	28.0	28.1	28.2	28.3	28.4	28.4
% Ch, Annual Rate	0.4	0.4	0.8	1.1	1.2	1.3	1.2	1.1
Nondurable Manufacturing	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7
% Ch, Annual Rate	0.1	0.2	0.2	0.1	0.1	0.0	0.0	0.0
Food Manufacturing	40.2	40.1	40.1	40.0	39.9	39.9	39.8	39.8
% Ch, Annual Rate	-0.4	-0.5	-0.6	-0.8	-0.7	-0.6	-0.5	-0.5
Paper and Paper Products	6.8	6.8	6.7	6.7	6.7	6.6	6.6	6.6
% Ch, Annual Rate	-2.3	-2.0	-1.7	-1.8	-1.7	-1.9	-1.8	-1.9
Other Nondurables	38.6	38.7	38.8	38.9	39.1	39.2	39.3	39.3
% Ch, Annual Rate	1.1	1.3	1.4	1.3	1.2	1.0	1.0	0.8
Natural Resources and Mining	6.5	6.5	6.5	6.5	6.6	6.6	6.6	6.6
% Ch, Annual Rate	1.4	1.2	0.9	1.1	0.9	1.1	0.9	1.0
Construction	218.6	218.8	218.6	218.8	218.9	219.1	219.2	219.3
% Ch, Annual Rate	-0.2	0.3	-0.3	0.3	0.3	0.3	0.2	0.2
Trade, Transportation, and Utilities	650.7	650.7	650.5	650.1	649.3	648.9	648.5	648.2
% Ch, Annual Rate	-0.3	0.0	-0.1	-0.2	-0.5	-0.2	-0.2	-0.2
Wholesale Trade	142.0	142.1	142.2	142.3	142.5	142.6	142.7	142.8
% Ch, Annual Rate	0.4	0.4	0.3	0.3	0.5	0.3	0.3	0.3
Retail Trade	394.6	394.5	394.3	393.9	392.9	392.6	392.2	391.8
% Ch, Annual Rate	-0.5	-0.1	-0.2	-0.4	-0.9	-0.4	-0.4	-0.3
Electronic Shopping and Mail-Order	67.1	67.5	68.0	68.4	68.8	69.3	69.7	70.1
% Ch	2.9	2.8	2.7	2.6	2.5	2.4	2.4	2.3
Other Retail Trade	327.5	327.0	326.3	325.5	324.1	323.3	322.5	321.7
% Ch	-1.2	-0.6	-0.8	-1.0	-1.7	-1.0	-1.0	-0.9
Trans., Warehousing, and Utilities	114.2	114.1	114.0	113.9	113.8	113.7	113.6	113.5
% Ch, Annual Rate	-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.3	-0.3
Information	144.7	145.3	145.8	146.5	147.6	148.6	149.6	150.5
% Ch, Annual Rate	1.1	1.6	1.4	1.9	3.1	2.5	3.0	2.4
Software Publishers	70.1	70.4	70.7	71.0	71.3	71.6	72.0	72.3
% Ch, Annual Rate	1.6	1.7	1.7	1.8	1.9	1.8	1.8	1.8
Other Publishing Industries	3.1	3.0	2.9	2.8	2.7	2.6	2.6	2.5
% Ch, Annual Rate	-12.5	-11.9	-11.4	-11.0	-10.2	-11.0	-11.2	-11.6
Other Information	71.6	72.0	72.3	72.7	73.6	74.3	75.1	75.8
% Ch, Annual Rate	1.3	2.2	1.6	2.6	4.8	3.8	4.6	3.5
Financial Activities	160.0	159.6	159.2	158.9	158.7	158.3	157.9	157.5
% Ch, Annual Rate	-0.4	-1.0	-1.0	-0.7	-0.5	-1.0	-1.0	-1.0
Professional and Business Services	482.6	485.9	489.1	492.3	495.9	498.7	501.1	503.4
% Ch, Annual Rate	3.1	2.8	2.7	2.7	3.0	2.2	1.9	1.9
Education and Health Services	528.2	529.3	530.4	531.4	532.7	533.7	534.7	535.8
% Ch, Annual Rate	1.0	0.8	0.9	0.8	0.9	0.8	0.8	0.8
Leisure and Hospitality	368.7	369.8	370.7	371.4	371.5	372.3	373.1	373.9
% Ch, Annual Rate	0.8	1.2	1.0	0.8	0.1	0.9	0.9	0.9
Other Services	129.3	129.7	130.0	130.4	130.7	131.0	131.4	131.7
% Ch, Annual Rate	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0
Federal Government	76.6	76.7	76.8	76.8	76.9	77.0	77.1	77.1
% Ch, Annual Rate	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.3
State and Local Government	540.9	543.4	545.6	547.9	550.1	552.0	553.8	555.5
% Ch, Annual Rate	1.9	1.8	1.7	1.6	1.6	1.4	1.3	1.2

Table A3.1

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

Forecast 2019 to 2023

	2016	2017	2018	2019	2020	2021	2022	2023
Personal Income	16,125.1	16,830.9	17,582.4	18,281.1	19,124.4	19,981.3	20,814.9	21,673.7
% Ch	2.6	4.4	4.5	4.0	4.6	4.5	4.2	4.1
Total Wage and Salary Disbursements	8,080.7	8,453.8	8,835.0	9,226.2	9,638.7	10,057.5	10,503.5	10,972.5
% Ch	2.9	4.6	4.5	4.4	4.5	4.3	4.4	4.5
Nonwage Personal Income	8,044.5	8,377.1	8,747.4	9,054.9	9,485.7	9,923.8	10,311.3	10,701.2
% Ch	2.3	4.1	4.4	3.5	4.8	4.6	3.9	3.8
Supplements to Wages and Salaries	1,875.6	1,953.4	2,021.0	2,085.8	2,175.1	2,270.2	2,362.8	2,451.9
% Ch	1.8	4.1	3.5	3.2	4.3	4.4	4.1	3.8
Proprietor's Income	1,419.3	1,500.9	1,578.8	1,597.9	1,612.7	1,641.0	1,659.3	1,683.4
% Ch	-0.2	5.8	5.2	1.2	0.9	1.8	1.1	1.4
Farm	37.5	38.9	37.0	27.8	38.7	67.9	69.7	61.3
% Ch	...	...	...	...	...	...	...	...
Nonfarm	1,381.8	1,462.0	1,541.8	1,570.1	1,574.0	1,573.2	1,589.7	1,622.1
% Ch	1.2	5.8	5.5	1.8	0.3	-0.1	1.1	2.0
Less: Contribution For Govt. Soc. Ins.	1,239.9	1,298.6	1,361.1	1,422.8	1,477.8	1,535.4	1,599.3	1,667.9
% Ch	2.9	4.7	4.8	4.5	3.9	3.9	4.2	4.3
Dividends/Int./Rent	3,211.4	3,361.8	3,528.1	3,610.8	3,829.3	4,037.2	4,213.6	4,381.1
% Ch	2.8	4.7	4.9	2.3	6.1	5.4	4.4	4.0
Transfer Payments	2,778.1	2,859.7	2,980.7	3,183.3	3,346.3	3,510.7	3,674.8	3,852.8
% Ch	3.5	2.9	4.2	6.8	5.1	4.9	4.7	4.8

Table A3.2

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

Forecast 2019 to 2023

	2018:1	2018:2	2018:3	2018:4	2019:1	2019:2	2019:3	2019:4
Personal Income	17,319.2	17,466.7	17,657.3	17,886.3	18,033.5	18,177.0	18,353.0	18,560.9
% Ch, Annual Rate	5.2	3.5	4.4	5.3	3.3	3.2	3.9	4.6
Total Wage and Salary Disbursements	8,710.6	8,770.8	8,879.2	8,979.2	9,078.9	9,176.3	9,273.9	9,375.5
% Ch, Annual Rate	5.8	2.8	5.0	4.6	4.5	4.4	4.3	4.5
Nonwage Personal Income	8,608.5	8,695.9	8,778.1	8,907.1	8,954.6	9,000.7	9,079.1	9,185.3
% Ch, Annual Rate	4.5	4.1	3.8	6.0	2.1	2.1	3.5	4.8
Supplements to Wages and Salaries	1,999.4	2,012.0	2,028.7	2,043.8	2,060.5	2,076.4	2,092.3	2,114.0
% Ch, Annual Rate	3.9	2.5	3.3	3.0	3.3	3.1	3.1	4.2
Proprietor's Income	1,549.9	1,568.5	1,580.0	1,616.7	1,602.1	1,592.8	1,599.2	1,597.3
% Ch, Annual Rate	6.4	4.9	3.0	9.6	-3.6	-2.3	1.6	-0.5
Farm	35.2	37.0	27.9	47.9	36.1	25.1	24.5	25.5
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	1,514.7	1,531.5	1,552.0	1,568.9	1,566.1	1,567.7	1,574.7	1,571.8
% Ch, Annual Rate	6.6	4.5	5.5	4.4	-0.7	0.4	1.8	-0.7
Less: Contribution For Govt. Soc. Ins.	1,343.6	1,352.4	1,367.4	1,381.2	1,403.1	1,416.6	1,430.3	1,441.2
% Ch, Annual Rate	8.2	2.7	4.5	4.1	6.5	3.9	3.9	3.1
Dividends/Int./Rent	3,468.8	3,502.0	3,539.6	3,602.0	3,565.8	3,581.5	3,615.8	3,679.9
% Ch, Annual Rate	3.6	3.9	4.4	7.3	-4.0	1.8	3.9	7.3
Transfer Payments	2,933.9	2,965.8	2,997.2	3,025.8	3,129.3	3,166.6	3,202.1	3,235.2
% Ch, Annual Rate	6.6	4.4	4.3	3.9	14.4	4.9	4.6	4.2

Table A3.2 (continued)

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

Forecast 2019 to 2023

	2020:1	2020:2	2020:3	2020:4	2021:1	2021:2	2021:3	2021:4
Personal Income	18,801.5	19,023.1	19,231.7	19,441.4	19,674.8	19,881.2	20,082.4	20,286.9
% Ch, Annual Rate	5.3	4.8	4.5	4.4	4.9	4.3	4.1	4.1
Total Wage and Salary Disbursements	9,481.4	9,593.5	9,689.7	9,790.3	9,896.2	10,003.4	10,110.5	10,220.0
% Ch, Annual Rate	4.6	4.8	4.1	4.2	4.4	4.4	4.4	4.4
Nonwage Personal Income	9,320.0	9,429.6	9,541.9	9,651.1	9,778.5	9,877.8	9,971.9	10,066.8
% Ch, Annual Rate	6.0	4.8	4.9	4.7	5.4	4.1	3.9	3.9
Supplements to Wages and Salaries	2,140.1	2,165.0	2,186.5	2,208.8	2,235.6	2,259.0	2,281.8	2,304.5
% Ch, Annual Rate	5.0	4.7	4.0	4.1	4.9	4.2	4.1	4.0
Proprietor's Income	1,602.0	1,607.4	1,617.0	1,624.3	1,633.2	1,638.9	1,643.1	1,648.8
% Ch, Annual Rate	1.2	1.3	2.4	1.8	2.2	1.4	1.0	1.4
Farm	28.8	34.1	42.0	49.9	59.3	66.9	71.6	73.7
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	1,573.2	1,573.3	1,575.0	1,574.5	1,574.0	1,572.1	1,571.5	1,575.1
% Ch, Annual Rate	0.4	0.0	0.4	-0.1	-0.1	-0.5	-0.2	0.9
Less: Contribution For Govt. Soc. Ins.	1,459.4	1,472.3	1,483.6	1,495.6	1,515.3	1,528.6	1,542.0	1,555.8
% Ch, Annual Rate	5.2	3.6	3.1	3.3	5.4	3.6	3.6	3.6
Dividends/Int./Rent	3,744.1	3,801.0	3,858.6	3,913.7	3,967.2	4,015.7	4,060.7	4,105.2
% Ch, Annual Rate	7.2	6.2	6.2	5.8	5.6	5.0	4.6	4.5
Transfer Payments	3,293.3	3,328.5	3,363.5	3,399.9	3,457.7	3,492.8	3,528.3	3,564.1
% Ch, Annual Rate	7.4	4.3	4.3	4.4	7.0	4.1	4.1	4.1

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	20,509.8	20,712.6	20,915.7	21,121.4	21,352.3	21,564.9	21,779.4	21,998.3
% Ch, Annual Rate	4.5	4.0	4.0	4.0	4.4	4.0	4.0	4.1
Total Wage and Salary Disbursements	10,332.8	10,445.5	10,560.1	10,675.8	10,794.1	10,912.3	11,031.3	11,152.2
% Ch, Annual Rate	4.5	4.4	4.5	4.5	4.5	4.5	4.4	4.5
Nonwage Personal Income	10,177.0	10,267.1	10,355.6	10,445.6	10,558.1	10,652.6	10,748.1	10,846.1
% Ch, Annual Rate	4.4	3.6	3.5	3.5	4.4	3.6	3.6	3.7
Supplements to Wages and Salaries	2,330.3	2,352.1	2,373.8	2,395.1	2,419.8	2,440.9	2,462.3	2,484.5
% Ch, Annual Rate	4.5	3.8	3.7	3.6	4.2	3.5	3.6	3.7
Proprietor's Income	1,651.8	1,656.7	1,661.8	1,667.1	1,671.0	1,679.1	1,686.9	1,696.5
% Ch, Annual Rate	0.7	1.2	1.3	1.3	0.9	1.9	1.9	2.3
Farm	73.3	71.3	68.5	65.6	63.1	61.4	60.4	60.2
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	1,578.6	1,585.4	1,593.3	1,601.5	1,607.9	1,617.7	1,626.5	1,636.3
% Ch, Annual Rate	0.9	1.7	2.0	2.1	1.6	2.5	2.2	2.4
Less: Contribution For Govt. Soc. Ins.	1,577.2	1,591.7	1,606.6	1,621.6	1,644.4	1,660.0	1,675.6	1,691.6
% Ch, Annual Rate	5.6	3.7	3.8	3.8	5.7	3.8	3.8	3.9
Dividends/Int./Rent	4,148.5	4,192.3	4,234.8	4,278.8	4,319.3	4,359.9	4,401.6	4,443.6
% Ch, Annual Rate	4.3	4.3	4.1	4.2	3.8	3.8	3.9	3.9
Transfer Payments	3,623.6	3,657.7	3,691.8	3,726.2	3,792.5	3,832.6	3,872.9	3,913.1
% Ch, Annual Rate	6.8	3.8	3.8	3.8	7.3	4.3	4.3	4.2

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	458.727	480.534	505.083	530.145	554.870	580.790
% Ch	5.1	6.1	7.0	4.8	5.1	5.0	4.7	4.7
Total Wage and Salary Disbursements	203.300	218.077	237.442	250.612	262.719	275.106	288.304	302.653
% Ch	6.1	7.3	8.9	5.5	4.8	4.7	4.8	5.0
Manufacturing	21.729	21.691	22.802	23.990	24.498	25.349	26.428	27.660
% Ch	-0.3	-0.2	5.1	5.2	2.1	3.5	4.3	4.7
Durable Manufacturing	17.316	17.080	17.938	18.911	19.282	19.966	20.838	21.846
% Ch	-1.6	-1.4	5.0	5.4	2.0	3.5	4.4	4.8
Nondurable Manufacturing	4.413	4.611	4.864	5.079	5.216	5.383	5.590	5.814
% Ch	4.8	4.5	5.5	4.4	2.7	3.2	3.8	4.0
Nonmanufacturing	174.575	189.496	207.431	219.144	230.455	241.681	253.479	266.264
% Ch	7.1	8.5	9.5	5.6	5.2	4.9	4.9	5.0
Other Private Wages	1.193	1.232	1.373	1.409	1.469	1.531	1.595	1.663
% Ch	4.1	3.3	11.4	2.6	4.3	4.2	4.2	4.2
Farm Wages	1.700	1.467	1.511	1.602	1.707	1.816	1.930	2.051
% Ch	11.5	-13.7	3.0	6.0	6.6	6.4	6.3	6.3
Military Wages	4.103	4.190	4.325	4.467	4.589	4.729	4.871	5.016
% Ch	0.1	2.1	3.2	3.3	2.7	3.0	3.0	3.0
Nonwage Personal Income	200.932	210.688	221.285	229.921	242.364	255.040	266.566	278.137
% Ch	4.1	4.9	5.0	3.9	5.4	5.2	4.5	4.3
Supplements to Wages and Salaries	46.393	48.687	51.683	53.812	56.300	58.896	61.482	64.090
% Ch	5.6	4.9	6.2	4.1	4.6	4.6	4.4	4.2
Proprietor's Income	32.419	35.590	37.355	37.604	37.640	38.079	38.467	39.042
% Ch	-0.2	9.8	5.0	0.7	0.1	1.2	1.0	1.5
Farm	2.016	1.922	1.699	1.162	1.134	1.614	1.644	1.502
% Ch	...	...	...	...	...	...	...	...
Nonfarm	30.403	33.667	35.655	36.441	36.505	36.465	36.822	37.540
% Ch	3.1	10.7	5.9	2.2	0.2	-0.1	1.0	1.9
Less: Contribution For Govt. Soc. Ins.	33.509	36.007	39.127	41.192	42.866	44.568	46.453	48.542
% Ch	4.4	7.5	8.7	5.3	4.1	4.0	4.2	4.5
Plus: Residence Adjustment	4.190	4.301	4.389	4.565	4.806	5.051	5.312	5.587
% Ch	7.8	2.7	2.0	4.0	5.3	5.1	5.2	5.2
Dividends/Int./Rent	91.551	96.125	101.924	105.110	112.321	119.222	125.186	130.850
% Ch	3.8	5.0	6.0	3.1	6.9	6.1	5.0	4.5
Transfer Payments	59.888	61.992	65.061	70.023	74.162	78.359	82.573	87.110
% Ch	5.8	3.5	5.0	7.6	5.9	5.7	5.4	5.5
State U.I. Benefits	0.982	0.975	0.925	1.000	0.997	1.174	1.412	1.688
% Ch	1.2	-0.7	-5.2	8.1	-0.3	17.8	20.2	19.5
Other Transfers	58.906	61.016	64.136	69.023	73.165	77.184	81.162	85.422
% Ch	5.9	3.6	5.1	7.6	6.0	5.5	5.2	5.2

Table A3.4

Washington Personal Income by Component (Billions of Dollars)

Forecast 2019 to 2023

	2018:1	2018:2	2018:3	2018:4	2019:1	2019:2	2019:3	2019:4
Personal Income	451.449	455.158	460.392	467.906	473.725	477.513	482.389	488.507
% Ch, Annual Rate	12.2	3.3	4.7	6.7	5.1	3.2	4.1	5.2
Total Wage and Salary Disbursements	234.110	235.200	238.048	242.409	246.902	249.034	251.758	254.755
% Ch, Annual Rate	20.4	1.9	4.9	7.5	7.6	3.5	4.4	4.8
Manufacturing	23.408	22.256	22.417	23.126	24.473	23.634	23.806	24.048
% Ch, Annual Rate	32.1	-18.3	2.9	13.3	25.4	-13.0	2.9	4.1
Durable Manufacturing	18.602	17.454	17.549	18.145	19.457	18.569	18.710	18.910
% Ch, Annual Rate	37.7	-22.5	2.2	14.3	32.2	-17.0	3.1	4.3
Nondurable Manufacturing	4.806	4.802	4.868	4.980	5.016	5.066	5.096	5.139
% Ch, Annual Rate	13.0	-0.3	5.6	9.6	2.9	4.0	2.4	3.4
Nonmanufacturing	203.623	205.766	208.334	212.002	215.033	217.953	220.444	223.148
% Ch, Annual Rate	19.7	4.3	5.1	7.2	5.8	5.5	4.7	5.0
Other Private Wages	1.331	1.405	1.388	1.367	1.390	1.401	1.415	1.430
% Ch, Annual Rate	14.9	23.9	-4.6	-5.8	6.9	3.0	4.0	4.3
Farm Wages	1.487	1.497	1.528	1.531	1.569	1.588	1.612	1.638
% Ch, Annual Rate	3.4	3.0	8.5	0.8	10.2	5.0	6.3	6.7
Military Wages	4.261	4.277	4.380	4.383	4.437	4.458	4.481	4.491
% Ch, Annual Rate	3.4	1.5	10.0	0.3	5.0	1.9	2.1	0.9
Nonwage Personal Income	217.339	219.958	222.345	225.498	226.823	228.479	230.631	233.752
% Ch, Annual Rate	4.1	4.9	4.4	5.8	2.4	3.0	3.8	5.5
Supplements to Wages and Salaries	50.872	51.314	52.066	52.481	53.026	53.583	54.028	54.611
% Ch, Annual Rate	11.0	3.5	6.0	3.2	4.2	4.3	3.4	4.4
Proprietor's Income	36.656	37.213	37.549	38.002	37.754	37.630	37.584	37.446
% Ch, Annual Rate	4.8	6.2	3.7	4.9	-2.6	-1.3	-0.5	-1.5
Farm	1.687	1.780	1.630	1.701	1.445	1.209	1.029	0.967
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	34.969	35.433	35.919	36.301	36.309	36.421	36.555	36.480
% Ch, Annual Rate	6.4	5.4	5.6	4.3	0.1	1.2	1.5	-0.8
Less: Contribution For Govt. Soc. Ins.	38.431	38.734	39.487	39.856	40.551	41.045	41.426	41.748
% Ch, Annual Rate	17.5	3.2	8.0	3.8	7.2	5.0	3.8	3.2
Plus: Residence Adjustment	4.360	4.386	4.390	4.420	4.478	4.536	4.593	4.652
% Ch, Annual Rate	-2.3	2.4	0.3	2.8	5.4	5.2	5.1	5.3
Dividends/Int./Rent	99.822	101.074	102.472	104.329	103.487	104.155	105.360	107.439
% Ch, Annual Rate	4.7	5.1	5.6	7.4	-3.2	2.6	4.7	8.1
Transfer Payments	64.061	64.705	65.356	66.122	68.628	69.621	70.492	71.352
% Ch, Annual Rate	5.5	4.1	4.1	4.8	16.0	5.9	5.1	5.0
State U.I. Benefits	0.984	0.914	0.902	0.898	1.056	1.056	0.960	0.927
% Ch, Annual Rate	5.1	-25.6	-5.1	-1.8	91.3	0.0	-31.9	-13.1
Other Transfers	63.077	63.790	64.454	65.223	67.571	68.564	69.532	70.426
% Ch, Annual Rate	5.5	4.6	4.2	4.9	15.2	6.0	5.8	5.2

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	495.440	502.219	508.246	514.427	521.178	527.138	533.092	539.174
% Ch, Annual Rate	5.8	5.6	4.9	5.0	5.4	4.7	4.6	4.6
Total Wage and Salary Disbursements	257.897	261.475	264.250	267.255	270.429	273.476	276.633	279.886
% Ch, Annual Rate	5.0	5.7	4.3	4.6	4.8	4.6	4.7	4.8
Manufacturing	24.260	24.394	24.567	24.771	25.006	25.230	25.456	25.704
% Ch, Annual Rate	3.6	2.2	2.9	3.4	3.8	3.6	3.6	3.9
Durable Manufacturing	19.088	19.196	19.339	19.506	19.692	19.872	20.051	20.249
% Ch, Annual Rate	3.8	2.3	3.0	3.5	3.9	3.7	3.6	4.0
Nondurable Manufacturing	5.172	5.198	5.229	5.265	5.313	5.358	5.406	5.454
% Ch, Annual Rate	2.6	2.0	2.4	2.8	3.7	3.4	3.6	3.7
Nonmanufacturing	225.983	229.347	231.877	234.616	237.458	240.207	243.060	245.999
% Ch, Annual Rate	5.2	6.1	4.5	4.8	4.9	4.7	4.8	4.9
Other Private Wages	1.445	1.463	1.477	1.492	1.508	1.523	1.539	1.555
% Ch, Annual Rate	4.4	5.1	3.7	4.1	4.4	4.1	4.2	4.2
Farm Wages	1.665	1.696	1.720	1.746	1.774	1.801	1.829	1.858
% Ch, Annual Rate	6.8	7.6	5.7	6.2	6.6	6.2	6.3	6.4
Military Wages	4.544	4.575	4.609	4.630	4.683	4.715	4.749	4.770
% Ch, Annual Rate	4.8	2.7	3.0	1.8	4.7	2.7	2.9	1.8
Nonwage Personal Income	237.542	240.744	243.997	247.172	250.749	253.662	256.459	259.288
% Ch, Annual Rate	6.6	5.5	5.5	5.3	5.9	4.7	4.5	4.5
Supplements to Wages and Salaries	55.330	56.044	56.609	57.217	57.965	58.581	59.205	59.834
% Ch, Annual Rate	5.4	5.3	4.1	4.4	5.3	4.3	4.3	4.3
Proprietor's Income	37.477	37.553	37.707	37.821	37.961	38.038	38.101	38.217
% Ch, Annual Rate	0.3	0.8	1.7	1.2	1.5	0.8	0.7	1.2
Farm	0.985	1.057	1.183	1.313	1.470	1.597	1.678	1.712
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	36.492	36.496	36.525	36.508	36.491	36.440	36.424	36.505
% Ch, Annual Rate	0.1	0.1	0.3	-0.2	-0.2	-0.6	-0.2	0.9
Less: Contribution For Govt. Soc. Ins.	42.294	42.725	43.042	43.401	43.988	44.362	44.756	45.167
% Ch, Annual Rate	5.3	4.1	3.0	3.4	5.5	3.4	3.6	3.7
Plus: Residence Adjustment	4.714	4.780	4.836	4.895	4.957	5.020	5.082	5.146
% Ch, Annual Rate	5.4	5.7	4.8	5.0	5.2	5.2	5.1	5.1
Dividends/Int./Rent	109.518	111.391	113.279	115.097	116.869	118.492	120.011	121.518
% Ch, Annual Rate	8.0	7.0	7.0	6.6	6.3	5.7	5.2	5.1
Transfer Payments	72.798	73.702	74.607	75.543	76.985	77.894	78.815	79.740
% Ch, Annual Rate	8.4	5.1	5.0	5.1	7.9	4.8	4.8	4.8
State U.I. Benefits	0.960	0.970	1.011	1.049	1.096	1.148	1.198	1.255
% Ch, Annual Rate	15.1	4.3	17.7	16.0	19.3	20.6	18.6	20.3
Other Transfers	71.838	72.732	73.596	74.494	75.889	76.745	77.617	78.485
% Ch, Annual Rate	8.3	5.1	4.8	5.0	7.7	4.6	4.6	4.6

Table A3.4 (continued)

Washington Personal Income by Component (Billions of Dollars)

Forecast 2019 to 2023

	2022:1	2022:2	2022:3	2022:4	2023:1	2023:2	2023:3	2023:4
Personal Income	545.691	551.782	557.869	564.137	571.114	577.541	584.000	590.503
% Ch, Annual Rate	4.9	4.5	4.5	4.6	5.0	4.6	4.5	4.5
Total Wage and Salary Disbursements	283.216	286.567	289.956	293.476	297.219	300.837	304.467	308.089
% Ch, Annual Rate	4.8	4.8	4.8	4.9	5.2	5.0	4.9	4.8
Manufacturing	25.986	26.269	26.572	26.884	27.200	27.509	27.815	28.116
% Ch, Annual Rate	4.5	4.4	4.7	4.8	4.8	4.6	4.5	4.4
Durable Manufacturing	20.479	20.708	20.954	21.212	21.471	21.724	21.973	22.217
% Ch, Annual Rate	4.6	4.5	4.8	5.0	5.0	4.8	4.7	4.5
Nondurable Manufacturing	5.507	5.561	5.617	5.673	5.729	5.785	5.842	5.899
% Ch, Annual Rate	3.9	4.0	4.1	4.0	4.1	4.0	4.0	3.9
Nonmanufacturing	248.948	251.939	254.946	258.085	261.408	264.638	267.879	271.131
% Ch, Annual Rate	4.9	4.9	4.9	5.0	5.3	5.0	5.0	4.9
Other Private Wages	1.571	1.587	1.603	1.620	1.637	1.654	1.671	1.688
% Ch, Annual Rate	4.3	4.2	4.1	4.2	4.4	4.2	4.1	4.0
Farm Wages	1.887	1.915	1.944	1.974	2.006	2.036	2.066	2.096
% Ch, Annual Rate	6.4	6.2	6.2	6.3	6.5	6.2	6.1	6.0
Military Wages	4.824	4.856	4.891	4.913	4.968	5.000	5.036	5.059
% Ch, Annual Rate	4.6	2.7	2.9	1.8	4.5	2.6	2.9	1.8
Nonwage Personal Income	262.475	265.215	267.913	270.661	273.896	276.704	279.533	282.414
% Ch, Annual Rate	5.0	4.2	4.1	4.2	4.9	4.2	4.2	4.2
Supplements to Wages and Salaries	60.562	61.176	61.785	62.403	63.154	63.774	64.399	65.033
% Ch, Annual Rate	5.0	4.1	4.0	4.1	4.9	4.0	4.0	4.0
Proprietor's Income	38.282	38.400	38.525	38.659	38.760	38.948	39.126	39.336
% Ch, Annual Rate	0.7	1.2	1.3	1.4	1.1	2.0	1.8	2.2
Farm	1.705	1.671	1.624	1.576	1.534	1.504	1.488	1.483
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	36.577	36.729	36.901	37.083	37.226	37.445	37.638	37.852
% Ch, Annual Rate	0.8	1.7	1.9	2.0	1.6	2.4	2.1	2.3
Less: Contribution For Govt. Soc. Ins.	45.798	46.229	46.666	47.122	47.830	48.305	48.780	49.254
% Ch, Annual Rate	5.7	3.8	3.8	4.0	6.2	4.0	4.0	3.9
Plus: Residence Adjustment	5.212	5.278	5.345	5.413	5.482	5.551	5.621	5.692
% Ch, Annual Rate	5.2	5.2	5.2	5.2	5.2	5.1	5.1	5.1
Dividends/Int./Rent	122.985	124.466	125.904	127.387	128.762	130.139	131.545	132.953
% Ch, Annual Rate	4.9	4.9	4.7	4.8	4.4	4.3	4.4	4.4
Transfer Payments	81.231	82.123	83.019	83.921	85.568	86.596	87.623	88.653
% Ch, Annual Rate	7.7	4.5	4.4	4.4	8.1	4.9	4.8	4.8
State U.I. Benefits	1.318	1.374	1.443	1.513	1.585	1.652	1.724	1.790
% Ch, Annual Rate	21.6	18.1	21.5	21.0	20.4	18.0	18.7	16.2
Other Transfers	79.913	80.749	81.576	82.408	83.983	84.944	85.899	86.863
% Ch, Annual Rate	7.5	4.3	4.2	4.1	7.9	4.7	4.6	4.6