



ECONOMIC FORECAST

Calendar Year Summary Tables

Preliminary
October 29, 2018

Table A1.1
U.S. Economic Forecast Summary
Forecast 2018 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	18,573.8	19,059.2	19,402.3	19,751.5	20,126.8	20,549.5
% Ch	1.6	2.2	2.9	2.6	1.8	1.8	1.9	2.1
Real Consumption	12,248.2	12,558.7	12,880.9	13,204.9	13,456.0	13,725.5	14,014.1	14,322.4
% Ch	2.7	2.5	2.6	2.5	1.9	2.0	2.1	2.2
Real Nonresidential Fixed Investment	2,411.2	2,538.1	2,718.5	2,854.2	2,970.6	3,072.0	3,160.5	3,253.8
% Ch	0.5	5.3	7.1	5.0	4.1	3.4	2.9	3.0
Real Residential Fixed Investment	591.3	611.1	613.4	622.7	651.3	667.0	679.5	691.5
% Ch	6.5	3.3	0.4	1.5	4.6	2.4	1.9	1.8
Real Personal Income	15,469.7	15,866.8	16,231.0	16,624.8	17,028.9	17,403.0	17,794.4	18,230.1
% Ch	1.5	2.6	2.3	2.4	2.4	2.2	2.2	2.4
Real Per Capita Income (\$/Person)	47,752	48,630	49,395	50,227	51,086	51,845	52,646	53,571
% Ch	0.8	1.8	1.6	1.7	1.7	1.5	1.5	1.8
Price and Wage Indexes								
PCE Price Index (2012=100)	104.2	106.1	108.3	110.6	112.8	115.0	117.2	119.3
% Ch	1.1	1.8	2.1	2.1	2.0	2.0	1.9	1.8
U.S. Consumer Price Index (1982-84=1.0)	2.400	2.451	2.514	2.572	2.628	2.682	2.735	2.788
% Ch	1.3	2.1	2.6	2.3	2.2	2.0	2.0	1.9
Employment Cost Index (Dec. 2005=1.0)	1.262	1.295	1.335	1.379	1.426	1.477	1.530	1.585
% Ch	2.4	2.6	3.1	3.3	3.4	3.6	3.6	3.6
Current Dollar National Income (Billions of Dollars)								
Gross Domestic Product	18,707.2	19,485.4	20,505.9	21,554.0	22,456.6	23,375.3	24,330.4	25,349.2
% Ch	2.7	4.2	5.2	5.1	4.2	4.1	4.1	4.2
Personal Income	16,125.1	16,830.9	17,581.0	18,383.9	19,215.1	20,020.5	20,853.2	21,752.3
% Ch	2.6	4.4	4.5	4.6	4.5	4.2	4.2	4.3
Employment (Millions)								
U.S. Civilian Labor Force	159.2	160.3	161.9	163.3	165.0	166.1	167.0	167.9
Total U.S. Employment	151.4	153.3	155.6	157.5	158.9	159.6	160.2	160.9
Unemployment Rate (%)	4.87	4.35	3.89	3.56	3.69	3.89	4.08	4.20
Nonfarm Payroll Employment	144.35	146.62	148.99	151.06	152.44	153.21	153.90	154.64
% Ch	1.8	1.6	1.6	1.4	0.9	0.5	0.4	0.5
Manufacturing	12.35	12.44	12.70	12.81	12.74	12.60	12.54	12.54
% Ch	0.1	0.7	2.0	0.9	-0.6	-1.1	-0.5	0.0
Durable Manufacturing	7.71	7.74	7.93	8.02	7.97	7.87	7.81	7.81
% Ch	-0.7	0.3	2.5	1.1	-0.6	-1.3	-0.7	0.1
Nondurable Manufacturing	4.64	4.71	4.76	4.79	4.77	4.74	4.73	4.73
% Ch	1.5	1.4	1.3	0.6	-0.5	-0.7	-0.2	0.0
Construction	6.73	6.95	7.23	7.46	7.76	8.06	8.30	8.54
% Ch	4.1	3.4	4.0	3.1	4.1	3.9	2.9	2.9
Service-Providing	124.60	126.55	128.33	130.02	131.15	131.76	132.27	132.76
% Ch	2.0	1.6	1.4	1.3	0.9	0.5	0.4	0.4
Miscellaneous Indicators								
Oil-WTI (\$ per barrel)	43.2	51.0	67.4	67.8	65.6	62.8	60.2	58.2
Personal Saving/Disposable Income (%)	6.7	6.7	6.7	6.7	7.1	7.3	7.3	7.3
Auto Sales (Millions)	6.9	6.1	5.2	4.9	4.8	4.8	4.9	5.0
% Ch	-8.6	-11.5	-14.3	-5.6	-1.6	-0.2	0.9	2.4
Housing Starts (Millions)	1.177	1.208	1.271	1.347	1.421	1.432	1.456	1.477
% Ch	6.4	2.6	5.2	6.0	5.5	0.7	1.7	1.4
Federal Budget Surplus (Billions)	-665.1	-695.4	-983.0	-1,024.9	-1,123.2	-1,196.5	-1,244.2	-1,257.0
Net Exports (Billions)	-520.6	-578.4	-632.3	-691.8	-722.7	-707.0	-680.2	-627.9
3-Month Treasury Bill Rate (%)	0.32	0.93	1.96	2.75	3.14	3.16	3.14	3.01
10-Year Treasury Note Yield (%)	1.84	2.33	2.95	3.38	3.52	3.51	3.47	3.42
Bond Index of 20 G.O. Munis. (%)	3.27	3.67	3.89	4.29	4.42	4.45	4.44	4.40
30-Year Fixed Mortgage Rate (%)	3.65	3.99	4.55	5.03	5.21	5.19	5.14	5.08

Table A1.2
U.S. Economic Forecast Summary
 Forecast 2018 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	18,664.5	18,795.2	18,903.2	19,017.6	19,115.3	19,200.7
% Ch , Annual Rate	2.2	4.2	3.3	2.8	2.3	2.4	2.1	1.8
Real Consumption	12,722.8	12,842.0	12,936.7	13,022.0	13,100.8	13,176.9	13,243.8	13,298.2
% Ch , Annual Rate	0.5	3.8	3.0	2.7	2.4	2.3	2.0	1.7
Real Nonresidential Fixed Investment	2,654.0	2,710.1	2,733.6	2,776.5	2,803.0	2,837.5	2,871.3	2,905.2
% Ch , Annual Rate	11.5	8.7	3.5	6.4	3.9	5.0	4.8	4.8
Real Residential Fixed Investment	615.3	613.2	613.8	611.3	610.7	617.3	626.7	636.2
% Ch , Annual Rate	-3.4	-1.3	0.4	-1.7	-0.4	4.4	6.2	6.2
Real Personal Income	16,107.2	16,195.7	16,284.8	16,336.1	16,457.1	16,571.5	16,683.9	16,786.6
% Ch , Annual Rate	2.6	2.2	2.2	1.3	3.0	2.8	2.7	2.5
Real Per Capita Income (\$/Person)	49,157	49,339	49,509	49,576	49,854	50,111	50,362	50,582
% Ch , Annual Rate	2.0	1.5	1.4	0.5	2.3	2.1	2.0	1.8
Price and Wage Indexes								
PCE Price Index (2012=100)	107.5	108.1	108.5	109.2	109.8	110.3	110.8	111.4
% Ch , Annual Rate	2.5	2.0	1.7	2.4	2.3	1.9	1.9	2.1
U.S. Consumer Price Index (1982-84=1.0)	2.494	2.505	2.519	2.538	2.553	2.565	2.577	2.592
% Ch , Annual Rate	3.5	1.7	2.4	3.1	2.2	1.9	1.9	2.4
Employment Cost Index (Dec. 2005=1.0)	1.320	1.328	1.340	1.351	1.362	1.373	1.384	1.396
% Ch , Annual Rate	4.0	2.4	3.6	3.5	3.3	3.2	3.3	3.4
Current Dollar National Income (Billions of Dollars)								
Gross Domestic Product	20,041.0	20,411.9	20,647.7	20,922.8	21,187.7	21,440.6	21,681.7	21,906.0
% Ch , Annual Rate	4.3	7.6	4.7	5.4	5.2	4.9	4.6	4.2
Personal Income	17,319.2	17,499.8	17,672.4	17,832.7	18,067.6	18,278.6	18,489.4	18,699.9
% Ch , Annual Rate	5.2	4.2	4.0	3.7	5.4	4.8	4.7	4.6
Employment (Millions)								
U.S. Civilian Labor Force	161.6	161.7	162.1	162.4	162.7	163.1	163.5	163.9
Total U.S. Employment	154.9	155.4	155.8	156.4	156.9	157.3	157.7	158.1
Unemployment Rate (%)	4.12	3.91	3.85	3.69	3.61	3.56	3.54	3.56
Nonfarm Payroll Employment	148.07	148.70	149.29	149.90	150.40	150.88	151.30	151.66
% Ch , Annual Rate	1.7	1.7	1.6	1.6	1.3	1.3	1.1	1.0
Manufacturing	12.61	12.68	12.73	12.78	12.82	12.83	12.79	12.82
% Ch , Annual Rate	2.7	2.4	1.6	1.4	1.3	0.4	-1.3	0.8
Durable Manufacturing	7.86	7.92	7.96	7.99	8.02	8.04	8.00	8.03
% Ch , Annual Rate	3.6	3.0	2.1	1.4	1.3	1.0	-1.7	1.2
Nondurable Manufacturing	4.74	4.76	4.77	4.79	4.80	4.80	4.79	4.79
% Ch , Annual Rate	1.2	1.3	0.8	1.4	1.4	-0.5	-0.5	0.1
Construction	7.14	7.20	7.26	7.32	7.37	7.42	7.49	7.57
% Ch , Annual Rate	6.6	3.3	3.5	3.0	2.8	2.7	3.7	4.3
Service-Providing	127.61	128.09	128.55	129.06	129.46	129.87	130.25	130.51
% Ch , Annual Rate	1.3	1.5	1.5	1.6	1.2	1.3	1.2	0.8
Miscellaneous Indicators								
Oil-WTI (\$ per barrel)	62.9	68.0	69.8	68.7	67.8	68.0	67.9	67.4
Personal Saving/Disposable Income (%)	7.2	6.8	6.6	6.3	6.5	6.6	6.7	6.9
Auto Sales (Millions)	5.4	5.3	5.1	5.0	5.0	4.9	4.9	4.9
% Ch , Annual Rate	-32.0	-8.8	-18.2	-1.9	-5.6	-2.4	-2.9	-0.9
Housing Starts (Millions)	1.317	1.261	1.237	1.269	1.305	1.337	1.362	1.383
% Ch , Annual Rate	19.6	-16.0	-7.3	10.8	11.8	10.3	7.5	6.4
Federal Budget Surplus (Billions)	-969.9	-982.5	-993.6	-986.2	-1,001.9	-1,015.7	-1,030.0	-1,052.0
Net Exports (Billions)	-639.2	-549.8	-652.0	-688.4	-692.4	-690.3	-688.7	-696.0
3-Month Treasury Bill Rate (%)	1.56	1.84	2.09	2.36	2.49	2.66	2.84	3.01
10-Year Treasury Note Yield (%)	2.76	2.92	2.93	3.17	3.27	3.36	3.43	3.47
Bond Index of 20 G.O. Munis. (%)	3.73	3.89	3.86	4.09	4.19	4.27	4.33	4.36
30-Year Fixed Mortgage Rate (%)	4.27	4.54	4.57	4.83	4.91	5.00	5.08	5.15

Table A1.2 (continued)
U.S. Economic Forecast Summary
Forecast 2018 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	19,280.7	19,364.0	19,439.8	19,524.6	19,617.7	19,707.2	19,794.8	19,886.4
% Ch , Annual Rate	1.7	1.7	1.6	1.8	1.9	1.8	1.8	1.9
Real Consumption	13,361.5	13,421.5	13,486.8	13,554.3	13,622.6	13,690.3	13,759.0	13,830.2
% Ch , Annual Rate	1.9	1.8	2.0	2.0	2.0	2.0	2.0	2.1
Real Nonresidential Fixed Investment	2,931.6	2,955.0	2,984.7	3,010.9	3,037.4	3,061.5	3,083.7	3,105.4
% Ch , Annual Rate	3.7	3.2	4.1	3.6	3.6	3.2	2.9	2.8
Real Residential Fixed Investment	642.0	648.2	654.0	660.8	664.3	665.2	667.1	671.3
% Ch , Annual Rate	3.8	3.9	3.6	4.2	2.1	0.6	1.1	2.6
Real Personal Income	16,895.9	16,990.8	17,071.0	17,158.0	17,266.5	17,356.8	17,447.5	17,541.1
% Ch , Annual Rate	2.6	2.3	1.9	2.1	2.6	2.1	2.1	2.2
Real Per Capita Income (\$/Person)	50,821	51,017	51,168	51,338	51,573	51,752	51,933	52,121
% Ch , Annual Rate	1.9	1.5	1.2	1.3	1.8	1.4	1.4	1.5
Price and Wage Indexes								
PCE Price Index (2012=100)	112.0	112.6	113.1	113.6	114.2	114.8	115.3	115.9
% Ch , Annual Rate	2.3	2.0	1.9	1.9	2.0	2.0	1.9	1.9
U.S. Consumer Price Index (1982-84=1.0)	2.610	2.622	2.634	2.647	2.662	2.675	2.689	2.703
% Ch , Annual Rate	2.7	1.9	1.9	2.0	2.2	2.1	2.1	2.0
Employment Cost Index (Dec. 2005=1.0)	1.408	1.420	1.432	1.444	1.457	1.470	1.483	1.496
% Ch , Annual Rate	3.4	3.5	3.5	3.5	3.6	3.6	3.6	3.6
Current Dollar National Income (Billions of Dollars)								
Gross Domestic Product	22,121.1	22,347.3	22,565.7	22,792.3	23,026.3	23,258.4	23,490.3	23,726.3
% Ch , Annual Rate	4.0	4.2	4.0	4.1	4.2	4.1	4.0	4.1
Personal Income	18,927.7	19,126.7	19,308.0	19,497.9	19,718.8	19,919.6	20,120.1	20,323.4
% Ch , Annual Rate	5.0	4.3	3.8	4.0	4.6	4.1	4.1	4.1
Employment (Millions)								
U.S. Civilian Labor Force	164.4	165.0	165.1	165.4	165.7	165.9	166.2	166.5
Total U.S. Employment	158.5	159.0	159.0	159.1	159.3	159.5	159.7	159.9
Unemployment Rate (%)	3.59	3.66	3.73	3.78	3.82	3.86	3.91	3.96
Nonfarm Payroll Employment	152.00	152.51	152.56	152.69	152.92	153.13	153.31	153.48
% Ch , Annual Rate	0.9	1.3	0.1	0.3	0.6	0.6	0.5	0.4
Manufacturing	12.80	12.77	12.72	12.67	12.63	12.61	12.60	12.57
% Ch , Annual Rate	-0.5	-1.1	-1.3	-1.8	-1.1	-0.7	-0.4	-0.8
Durable Manufacturing	8.01	7.99	7.96	7.92	7.89	7.87	7.86	7.84
% Ch , Annual Rate	-0.6	-1.2	-1.5	-2.1	-1.4	-0.9	-0.5	-1.0
Nondurable Manufacturing	4.79	4.78	4.77	4.75	4.74	4.74	4.74	4.73
% Ch , Annual Rate	-0.3	-0.8	-0.9	-1.3	-0.6	-0.4	-0.2	-0.3
Construction	7.64	7.72	7.80	7.89	7.97	8.03	8.09	8.15
% Ch , Annual Rate	4.0	4.0	4.5	4.6	4.1	3.2	3.0	3.1
Service-Providing	130.79	131.24	131.25	131.34	131.53	131.70	131.84	131.97
% Ch , Annual Rate	0.9	1.4	0.0	0.3	0.6	0.5	0.4	0.4
Miscellaneous Indicators								
Oil-WTI (\$ per barrel)	66.6	65.9	65.2	64.6	63.9	63.1	62.4	61.8
Personal Saving/Disposable Income (%)	7.1	7.2	7.2	7.2	7.3	7.3	7.3	7.3
Auto Sales (Millions)	4.9	4.8	4.8	4.8	4.8	4.8	4.8	4.8
% Ch , Annual Rate	-2.0	-1.2	-0.8	-1.5	0.1	0.4	0.8	0.3
Housing Starts (Millions)	1.403	1.417	1.431	1.434	1.430	1.426	1.432	1.439
% Ch , Annual Rate	5.8	4.0	4.1	0.9	-1.1	-1.1	1.6	2.0
Federal Budget Surplus (Billions)	-1,091.7	-1,121.0	-1,133.1	-1,146.9	-1,178.0	-1,190.5	-1,202.7	-1,214.7
Net Exports (Billions)	-721.6	-725.6	-723.7	-720.1	-716.5	-710.0	-703.9	-697.7
3-Month Treasury Bill Rate (%)	3.01	3.20	3.19	3.18	3.17	3.16	3.15	3.14
10-Year Treasury Note Yield (%)	3.51	3.52	3.52	3.52	3.52	3.52	3.51	3.49
Bond Index of 20 G.O. Munis. (%)	4.39	4.42	4.43	4.43	4.44	4.46	4.45	4.45
30-Year Fixed Mortgage Rate (%)	5.19	5.22	5.22	5.21	5.20	5.20	5.19	5.17

Table A1.2 (continued)
U.S. Economic Forecast Summary
 Forecast 2018 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	19,977.1	20,074.2	20,177.2	20,278.8	20,390.7	20,498.3	20,602.4	20,706.6
% Ch , Annual Rate	1.8	2.0	2.1	2.0	2.2	2.1	2.0	2.0
Real Consumption	13,903.4	13,976.3	14,050.5	14,126.1	14,207.2	14,285.7	14,361.4	14,435.1
% Ch , Annual Rate	2.1	2.1	2.1	2.2	2.3	2.2	2.1	2.1
Real Nonresidential Fixed Investment	3,126.0	3,148.4	3,172.2	3,195.2	3,219.5	3,242.5	3,265.1	3,288.1
% Ch , Annual Rate	2.7	2.9	3.1	2.9	3.1	2.9	2.8	2.8
Real Residential Fixed Investment	674.4	677.7	681.5	684.3	687.2	690.4	692.8	695.5
% Ch , Annual Rate	1.9	2.0	2.2	1.7	1.7	1.9	1.4	1.6
Real Personal Income	17,649.5	17,744.2	17,842.5	17,941.5	18,066.5	18,177.3	18,284.8	18,392.1
% Ch , Annual Rate	2.5	2.2	2.2	2.2	2.8	2.5	2.4	2.4
Real Per Capita Income (\$/Person)	52,352	52,543	52,744	52,946	53,225	53,461	53,686	53,911
% Ch , Annual Rate	1.8	1.5	1.5	1.5	2.1	1.8	1.7	1.7
Price and Wage Indexes								
PCE Price Index (2012=100)	116.4	116.9	117.5	118.0	118.5	119.0	119.6	120.1
% Ch , Annual Rate	1.8	1.8	1.9	1.8	1.8	1.8	1.8	1.8
U.S. Consumer Price Index (1982-84=1.0)	2.716	2.728	2.742	2.755	2.768	2.781	2.794	2.807
% Ch , Annual Rate	2.0	1.8	2.0	1.9	1.9	1.8	1.9	1.9
Employment Cost Index (Dec. 2005=1.0)	1.510	1.523	1.537	1.551	1.564	1.578	1.592	1.606
% Ch , Annual Rate	3.7	3.6	3.6	3.6	3.6	3.6	3.5	3.5
Current Dollar National Income (Billions of Dollars)								
Gross Domestic Product	23,961.0	24,202.8	24,454.4	24,703.2	24,964.9	25,221.3	25,476.7	25,733.8
% Ch , Annual Rate	4.0	4.1	4.2	4.1	4.3	4.2	4.1	4.1
Personal Income	20,542.9	20,745.0	20,956.6	21,168.3	21,412.4	21,638.6	21,865.2	22,092.8
% Ch , Annual Rate	4.4	4.0	4.1	4.1	4.7	4.3	4.3	4.2
Employment (Millions)								
U.S. Civilian Labor Force	166.7	166.9	167.1	167.4	167.6	167.8	168.0	168.3
Total U.S. Employment	160.0	160.1	160.3	160.4	160.6	160.8	160.9	161.1
Unemployment Rate (%)	4.01	4.06	4.10	4.14	4.17	4.19	4.22	4.24
Nonfarm Payroll Employment	153.65	153.81	153.98	154.16	154.36	154.55	154.73	154.91
% Ch, Annual Rate	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5
Manufacturing	12.55	12.53	12.53	12.53	12.53	12.54	12.55	12.55
% Ch, Annual Rate	-0.7	-0.6	-0.2	0.0	0.1	0.2	0.4	0.0
Durable Manufacturing	7.82	7.81	7.80	7.80	7.80	7.81	7.82	7.82
% Ch, Annual Rate	-1.0	-0.8	-0.3	0.0	0.1	0.3	0.5	0.2
Nondurable Manufacturing	4.73	4.73	4.73	4.73	4.73	4.73	4.73	4.73
% Ch, Annual Rate	-0.2	-0.2	0.0	0.1	0.0	0.1	0.0	-0.2
Construction	8.21	8.27	8.33	8.39	8.45	8.51	8.57	8.63
% Ch, Annual Rate	2.9	2.8	2.9	2.8	2.9	2.9	2.9	2.8
Service-Providing	132.09	132.21	132.33	132.45	132.59	132.71	132.82	132.94
% Ch, Annual Rate	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4
Miscellaneous Indicators								
Oil-WTI (\$ per barrel)	61.1	60.5	59.9	59.4	58.9	58.4	58.0	57.6
Personal Saving/Disposable Income (%)	7.3	7.3	7.3	7.2	7.3	7.3	7.3	7.4
Auto Sales (Millions)	4.8	4.9	4.9	4.9	4.9	5.0	5.0	5.0
% Ch, Annual Rate	1.0	0.7	1.0	3.1	2.9	2.1	2.8	2.5
Housing Starts (Millions)	1.447	1.454	1.458	1.463	1.468	1.475	1.480	1.483
% Ch, Annual Rate	2.2	2.0	1.1	1.2	1.6	1.8	1.3	0.9
Federal Budget Surplus (Billions)	-1,238.0	-1,243.9	-1,247.5	-1,247.4	-1,258.6	-1,257.1	-1,254.7	-1,257.6
Net Exports (Billions)	-693.8	-686.2	-676.8	-663.9	-647.4	-632.7	-620.4	-611.1
3-Month Treasury Bill Rate (%)	3.14	3.14	3.14	3.13	3.13	3.11	2.90	2.90
10-Year Treasury Note Yield (%)	3.48	3.47	3.47	3.46	3.44	3.43	3.42	3.40
Bond Index of 20 G.O. Munis. (%)	4.44	4.44	4.44	4.43	4.41	4.41	4.40	4.39
30-Year Fixed Mortgage Rate (%)	5.16	5.15	5.14	5.13	5.11	5.09	5.06	5.06

Table A1.3
Washington Economic Forecast Summary
Forecast 2018 to 2023

	2016	2017	2018	2019	2020	2021	2022	2023
Real Income (Billions of Chained 2012 Dollars)								
Real Personal Income	387.805	404.211	423.077	435.253	447.938	459.604	471.834	485.034
% Ch	4.0	4.2	4.7	2.9	2.9	2.6	2.7	2.8
Real Wage and Salary Disb.	195.037	205.585	219.978	226.275	232.726	238.885	245.458	252.445
% Ch	5.0	5.4	7.0	2.9	2.9	2.6	2.8	2.8
Real Nonwage Income	192.768	198.626	203.099	208.979	215.212	220.719	226.376	232.590
% Ch	3.0	3.0	2.3	2.9	3.0	2.6	2.6	2.7
Real Per Capita Income (\$/Person)	53,259	54,572	56,174	56,894	57,717	58,452	59,296	60,292
% Ch	2.2	2.5	2.9	1.3	1.4	1.3	1.4	1.7
Price and Wage Indexes								
U.S. Implicit Price Deflator, PCE (2012=1.0)	1.042	1.061	1.083	1.106	1.128	1.150	1.172	1.193
% Ch	1.1	1.8	2.1	2.1	2.0	2.0	1.9	1.8
Seattle Cons. Price Index (1982-84=1.0)	2.550	2.627	2.708	2.769	2.831	2.889	2.947	3.003
% Ch	2.3	3.0	3.1	2.3	2.2	2.1	2.0	1.9
Average Nonfarm Annual Wage	60,499	63,559	67,755	69,771	72,229	74,914	77,825	80,985
% Ch	3.0	5.1	6.6	3.0	3.5	3.7	3.9	4.1
Avg. Hourly Earnings-Mfg. (\$/Hour)	26.42	27.38	28.45	29.56	30.52	31.55	32.65	33.77
% Ch	3.5	3.6	3.9	3.9	3.2	3.4	3.5	3.4
Current Dollar Income (Billions of Dollars)								
Personal Income	404.232	428.765	458.262	481.311	505.447	528.733	552.944	578.747
% Ch	5.1	6.1	6.9	5.0	5.0	4.6	4.6	4.7
Disposable Personal Income	355.241	376.933	404.722	425.229	446.824	467.385	488.172	510.129
% Ch	5.3	6.1	7.4	5.1	5.1	4.6	4.4	4.5
Per Capita Income (\$/Person)	55,513	57,886	60,844	62,913	65,126	67,243	69,488	71,940
% Ch	3.3	4.3	5.1	3.4	3.5	3.3	3.3	3.5
Employment (Thousands)								
Washington Civilian Labor Force	3,635.7	3,723.3	3,767.2	3,822.7	3,885.5	3,934.6	3,977.4	4,014.5
Total Washington Employment	3,444.0	3,546.3	3,595.4	3,661.1	3,714.3	3,752.2	3,784.6	3,813.2
Unemployment Rate (%)	5.28	4.76	4.56	4.23	4.41	4.63	4.85	5.02
Nonfarm Payroll Employment	3,244.5	3,322.4	3,410.0	3,478.1	3,527.1	3,559.6	3,587.4	3,610.9
% Ch	3.1	2.4	2.6	2.0	1.4	0.9	0.8	0.7
Manufacturing	290.0	283.8	286.4	290.7	290.9	290.4	292.0	294.9
% Ch	-0.7	-2.1	0.9	1.5	0.1	-0.2	0.6	1.0
Durable Manufacturing	207.6	200.1	201.2	204.6	204.7	204.1	205.0	207.0
% Ch	-1.7	-3.6	0.5	1.7	0.0	-0.3	0.5	1.0
Aerospace	91.0	84.1	83.5	85.1	85.1	85.1	85.1	85.1
% Ch	-3.2	-7.6	-0.7	2.0	0.0	0.0	0.0	0.0
Nondurable Manufacturing	82.4	83.7	85.3	86.1	86.2	86.3	87.0	87.8
% Ch	2.1	1.5	1.9	1.0	0.1	0.1	0.7	1.0
Construction	186.6	199.7	212.0	214.3	214.4	213.4	211.8	209.8
% Ch	7.7	7.0	6.2	1.1	0.1	-0.5	-0.8	-0.9
Service-Providing	2,761.6	2,832.8	2,905.3	2,966.7	3,015.2	3,049.2	3,077.0	3,099.7
% Ch	3.2	2.6	2.6	2.1	1.6	1.1	0.9	0.7
Software Publishers	58.9	61.3	64.7	66.2	66.9	67.9	69.2	70.5
% Ch	5.3	4.1	5.5	2.3	1.0	1.6	1.8	1.9
Electronic Shopping and Mail-Order	38.2	49.7	55.0	58.2	61.2	63.5	65.4	67.1
% Ch	26.6	30.1	10.6	5.8	5.2	3.8	3.0	2.5
Housing Indicators (Thousands)								
Housing Units Authorized by Bldg. Permit	44.077	45.794	43.737	43.722	43.538	42.035	41.042	40.024
% Ch	9.2	3.9	-4.5	0.0	-0.4	-3.5	-2.4	-2.5
Single-Family	22.463	23.115	23.826	24.569	25.523	25.355	25.398	25.358
% Ch	13.5	2.9	3.1	3.1	3.9	-0.7	0.2	-0.2
Multi-Family	21.614	22.679	19.911	19.153	18.015	16.681	15.644	14.666
% Ch	5.0	4.9	-12.2	-3.8	-5.9	-7.4	-6.2	-6.2
30-Year Fixed Mortgage Rate (%)	3.65	3.99	4.55	5.03	5.21	5.19	5.14	5.08

Table A1.4
Washington Economic Forecast Summary
Forecast 2018 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	419.863	420.820	424.788	426.837	430.175	433.627	436.997	440.214
% Ch, Annual Rate	9.5	0.9	3.8	1.9	3.2	3.2	3.1	3.0
Real Wage and Salary Disb.	218.124	218.192	221.109	222.486	223.826	225.551	227.093	228.628
% Ch, Annual Rate	18.3	0.1	5.5	2.5	2.4	3.1	2.8	2.7
Real Nonwage Income	201.738	202.628	203.679	204.352	206.348	208.075	209.904	211.586
% Ch, Annual Rate	0.8	1.8	2.1	1.3	4.0	3.4	3.6	3.2
Real Per Capita Income (\$/Person)	56,093	55,992	56,282	56,329	56,550	56,788	57,015	57,224
% Ch, Annual Rate	7.7	-0.7	2.1	0.3	1.6	1.7	1.6	1.5
Price and Wage Indexes								
U.S. Implicit Price Deflator, PCE (2012=1.0)	1.075	1.080	1.085	1.092	1.098	1.103	1.108	1.114
% Ch, Annual Rate	2.5	2.0	1.8	2.4	2.3	1.9	1.9	2.1
Seattle Cons. Price Index (1982-84=1.0)	2.689	2.703	2.708	2.730	2.747	2.762	2.776	2.792
% Ch, Annual Rate	4.2	2.1	0.7	3.3	2.6	2.1	2.0	2.4
Average Nonfarm Annual Wage	67,203	67,313	68,030	68,474	68,957	69,495	70,024	70,610
% Ch, Annual Rate	16.8	0.7	4.3	2.6	2.8	3.2	3.1	3.4
Avg. Hourly Earnings-Mfg. (\$/Hour)	27.90	28.35	28.55	29.00	29.22	29.45	29.67	29.91
% Ch, Annual Rate	0.5	6.5	2.9	6.5	3.1	3.1	3.1	3.2
Current Dollar Income (Billions of Dollars)								
Personal Income	451.436	454.689	460.982	465.941	472.271	478.296	484.288	490.390
% Ch, Annual Rate	12.2	2.9	5.7	4.4	5.5	5.2	5.1	5.1
Disposable Personal Income	398.523	401.640	407.198	411.525	417.225	422.545	427.848	433.300
% Ch, Annual Rate	14.1	3.2	5.7	4.3	5.7	5.2	5.1	5.2
Per Capita Income (\$/Person)	60,312	60,499	61,078	61,489	62,084	62,638	63,185	63,746
% Ch, Annual Rate	10.4	1.2	3.9	2.7	3.9	3.6	3.5	3.6
Employment (Thousands)								
Washington Civilian Labor Force	3,759.5	3,760.4	3,766.6	3,782.5	3,798.4	3,814.9	3,830.8	3,846.6
Total Washington Employment	3,581.6	3,582.6	3,597.4	3,619.9	3,637.3	3,654.3	3,669.4	3,683.3
Unemployment Rate (%)	4.73	4.73	4.49	4.30	4.24	4.21	4.21	4.25
Nonfarm Payroll Employment	3,384.6	3,395.6	3,420.2	3,439.8	3,455.9	3,472.0	3,485.9	3,498.8
% Ch, Annual Rate	4.2	1.3	2.9	2.3	1.9	1.9	1.6	1.5
Manufacturing	284.1	285.1	287.3	289.2	290.3	290.7	290.5	291.2
% Ch, Annual Rate	2.7	1.5	3.1	2.7	1.5	0.5	-0.3	1.0
Durable Manufacturing	198.8	200.0	202.2	203.6	204.3	204.6	204.4	204.9
% Ch, Annual Rate	1.7	2.5	4.4	2.7	1.4	0.7	-0.5	1.1
Aerospace	81.9	82.6	84.2	85.1	85.1	85.1	85.1	85.1
% Ch, Annual Rate	2.2	3.4	7.7	4.5	0.0	0.0	0.0	0.0
Nondurable Manufacturing	85.3	85.1	85.1	85.7	86.1	86.1	86.1	86.2
% Ch, Annual Rate	5.3	-0.9	0.1	2.8	1.9	0.0	0.0	0.8
Construction	209.3	211.6	213.1	214.1	214.1	214.3	214.2	214.6
% Ch, Annual Rate	9.8	4.6	2.9	1.8	0.1	0.4	-0.3	0.8
Service-Providing	2,885.0	2,892.5	2,913.4	2,930.2	2,945.0	2,960.5	2,974.7	2,986.5
% Ch, Annual Rate	4.0	1.1	2.9	2.3	2.0	2.1	1.9	1.6
Software Publishers	63.2	64.5	65.5	65.8	66.0	66.2	66.3	66.3
% Ch, Annual Rate	5.9	8.4	6.3	1.8	1.2	1.3	0.7	0.3
Electronic Shopping and Mail-Order	54.8	54.7	54.7	55.8	56.8	57.8	58.7	59.5
% Ch, Annual Rate	10.0	-0.6	-0.5	8.3	7.7	6.9	6.2	5.6
Housing Indicators (Thousands)								
Housing Units Authorized by Bldg. Permit	49.173	43.245	39.684	42.845	43.505	43.784	43.826	43.772
% Ch, Annual Rate	-18.1	-40.2	-29.1	35.9	6.3	2.6	0.4	-0.5
Single-Family	24.952	23.013	23.762	23.577	24.115	24.426	24.718	25.017
% Ch, Annual Rate	4.2	-27.6	13.7	-3.1	9.4	5.3	4.9	4.9
Multi-Family	24.221	20.233	15.922	19.269	19.390	19.358	19.108	18.756
% Ch, Annual Rate	-35.2	-51.3	-61.7	114.5	2.5	-0.7	-5.1	-7.2
30-Year Fixed Mortgage Rate (%)	4.27	4.54	4.57	4.83	4.91	5.00	5.08	5.15

Table A1.4 (continued)
Washington Economic Forecast Summary
Forecast 2018 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	443.575	446.830	449.289	452.057	455.341	458.155	460.994	463.924
% Ch, Annual Rate	3.1	3.0	2.2	2.5	2.9	2.5	2.5	2.6
Real Wage and Salary Disb.	230.223	232.245	233.470	234.967	236.561	238.091	239.650	241.237
% Ch, Annual Rate	2.8	3.6	2.1	2.6	2.7	2.6	2.6	2.7
Real Nonwage Income	213.353	214.586	215.818	217.090	218.780	220.064	221.345	222.687
% Ch, Annual Rate	3.4	2.3	2.3	2.4	3.2	2.4	2.3	2.4
Real Per Capita Income (\$/Person)	57,453	57,672	57,791	57,953	58,184	58,358	58,537	58,730
% Ch, Annual Rate	1.6	1.5	0.8	1.1	1.6	1.2	1.2	1.3
Price and Wage Indexes								
U.S. Implicit Price Deflator, PCE (2012=1.0)	1.120	1.126	1.131	1.136	1.142	1.148	1.153	1.159
% Ch, Annual Rate	2.3	2.0	1.9	1.9	2.0	2.0	1.9	1.9
Seattle Cons. Price Index (1982-84=1.0)	2.811	2.825	2.838	2.852	2.867	2.882	2.897	2.911
% Ch, Annual Rate	2.7	1.9	1.9	2.0	2.2	2.1	2.1	2.0
Average Nonfarm Annual Wage	71,275	71,907	72,534	73,199	73,883	74,559	75,252	75,960
% Ch, Annual Rate	3.8	3.6	3.5	3.7	3.8	3.7	3.8	3.8
Avg. Hourly Earnings-Mfg. (\$/Hour)	30.15	30.39	30.64	30.90	31.16	31.42	31.69	31.95
% Ch, Annual Rate	3.2	3.3	3.3	3.3	3.4	3.4	3.4	3.4
Current Dollar Income (Billions of Dollars)								
Personal Income	496.915	503.001	508.164	513.706	520.010	525.803	531.609	537.511
% Ch, Annual Rate	5.4	5.0	4.2	4.4	5.0	4.5	4.5	4.5
Disposable Personal Income	439.182	444.630	449.273	454.210	459.784	464.869	469.918	474.968
% Ch, Annual Rate	5.5	5.1	4.2	4.5	5.0	4.5	4.4	4.4
Per Capita Income (\$/Person)	64,362	64,921	65,364	65,856	66,447	66,974	67,503	68,045
% Ch, Annual Rate	3.9	3.5	2.8	3.0	3.6	3.2	3.2	3.3
Employment (Thousands)								
Washington Civilian Labor Force	3,862.3	3,882.9	3,892.3	3,904.4	3,916.9	3,929.1	3,940.6	3,951.7
Total Washington Employment	3,696.2	3,713.1	3,719.3	3,728.5	3,738.6	3,748.1	3,756.9	3,765.3
Unemployment Rate (%)	4.30	4.37	4.45	4.50	4.55	4.61	4.66	4.72
Nonfarm Payroll Employment	3,510.0	3,527.2	3,531.9	3,539.2	3,547.7	3,556.0	3,563.6	3,570.9
% Ch, Annual Rate	1.3	2.0	0.5	0.8	1.0	0.9	0.9	0.8
Manufacturing	291.3	291.1	290.9	290.3	290.2	290.2	290.5	290.7
% Ch, Annual Rate	0.1	-0.2	-0.3	-0.7	-0.2	0.1	0.3	0.4
Durable Manufacturing	205.0	204.8	204.6	204.2	204.0	204.0	204.1	204.2
% Ch, Annual Rate	0.0	-0.3	-0.4	-0.7	-0.4	-0.1	0.2	0.3
Aerospace	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
% Ch, Annual Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nondurable Manufacturing	86.3	86.3	86.2	86.1	86.1	86.2	86.4	86.5
% Ch, Annual Rate	0.4	-0.1	-0.3	-0.6	0.2	0.5	0.7	0.6
Construction	214.1	214.5	214.6	214.5	214.0	213.6	213.2	212.9
% Ch, Annual Rate	-0.9	0.7	0.3	-0.3	-0.9	-0.8	-0.7	-0.5
Service-Providing	2,998.0	3,015.0	3,019.8	3,027.8	3,036.9	3,045.6	3,053.4	3,060.7
% Ch, Annual Rate	1.6	2.3	0.6	1.1	1.2	1.2	1.0	1.0
Software Publishers	66.5	66.7	67.0	67.2	67.5	67.8	68.1	68.4
% Ch, Annual Rate	1.0	1.4	1.5	1.5	1.6	1.7	1.8	1.8
Electronic Shopping and Mail-Order	60.2	60.9	61.6	62.2	62.7	63.3	63.8	64.3
% Ch, Annual Rate	5.1	4.7	4.3	4.0	3.7	3.5	3.3	3.1
Housing Indicators (Thousands)								
Housing Units Authorized by Bldg. Permit	43.827	43.837	43.518	42.972	42.506	42.139	41.893	41.604
% Ch, Annual Rate	0.5	0.1	-2.9	-4.9	-4.3	-3.4	-2.3	-2.7
Single-Family	25.261	25.533	25.673	25.626	25.458	25.317	25.312	25.332
% Ch, Annual Rate	4.0	4.4	2.2	-0.7	-2.6	-2.2	-0.1	0.3
Multi-Family	18.566	18.304	17.845	17.346	17.048	16.822	16.581	16.272
% Ch, Annual Rate	-4.0	-5.5	-9.7	-10.7	-6.7	-5.2	-5.6	-7.2
30-Year Fixed Mortgage Rate (%)	5.19	5.22	5.22	5.21	5.20	5.20	5.19	5.17

Table A1.4 (continued)
Washington Economic Forecast Summary
Forecast 2018 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	467.288	470.276	473.348	476.425	480.151	483.451	486.681	489.855
% Ch, Annual Rate	2.9	2.6	2.6	2.6	3.2	2.8	2.7	2.6
Real Wage and Salary Disb.	242.941	244.612	246.286	247.995	249.814	251.569	253.328	255.066
% Ch, Annual Rate	2.9	2.8	2.8	2.8	3.0	2.8	2.8	2.8
Real Nonwage Income	224.347	225.664	227.062	228.430	230.337	231.882	233.352	234.789
% Ch, Annual Rate	3.0	2.4	2.5	2.4	3.4	2.7	2.6	2.5
Real Per Capita Income (\$/Person)	58,979	59,183	59,400	59,619	59,922	60,173	60,417	60,657
% Ch, Annual Rate	1.7	1.4	1.5	1.5	2.0	1.7	1.6	1.6
Price and Wage Indexes								
U.S. Implicit Price Deflator, PCE (2012=1.0)	1.164	1.169	1.175	1.180	1.185	1.190	1.196	1.201
% Ch, Annual Rate	1.8	1.8	1.9	1.8	1.8	1.8	1.8	1.8
Seattle Cons. Price Index (1982-84=1.0)	2.926	2.939	2.954	2.968	2.982	2.996	3.010	3.024
% Ch, Annual Rate	2.0	1.8	2.0	1.9	1.9	1.8	1.9	1.9
Average Nonfarm Annual Wage	76,700	77,436	78,196	78,968	79,776	80,571	81,388	82,207
% Ch, Annual Rate	3.9	3.9	4.0	4.0	4.2	4.0	4.1	4.1
Avg. Hourly Earnings-Mfg. (\$/Hour)	32.24	32.51	32.79	33.07	33.35	33.63	33.91	34.19
% Ch, Annual Rate	3.6	3.5	3.4	3.5	3.5	3.4	3.4	3.3
Current Dollar Income (Billions of Dollars)								
Personal Income	543.895	549.806	555.964	562.110	569.076	575.511	581.982	588.420
% Ch, Annual Rate	4.8	4.4	4.6	4.5	5.0	4.6	4.6	4.5
Disposable Personal Income	480.454	485.498	490.756	495.981	501.957	507.402	512.860	518.296
% Ch, Annual Rate	4.7	4.3	4.4	4.3	4.9	4.4	4.4	4.3
Per Capita Income (\$/Person)	68,648	69,192	69,768	70,342	71,019	71,631	72,248	72,862
% Ch, Annual Rate	3.6	3.2	3.4	3.3	3.9	3.5	3.5	3.4
Employment (Thousands)								
Washington Civilian Labor Force	3,962.4	3,972.6	3,982.5	3,992.1	4,001.4	4,010.3	4,019.0	4,027.4
Total Washington Employment	3,773.4	3,780.9	3,788.4	3,795.7	3,802.9	3,809.8	3,816.6	3,823.4
Unemployment Rate (%)	4.77	4.83	4.87	4.92	4.96	5.00	5.04	5.07
Nonfarm Payroll Employment	3,577.8	3,584.3	3,590.6	3,596.8	3,602.7	3,608.4	3,613.7	3,618.9
% Ch, Annual Rate	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6
Manufacturing	291.1	291.6	292.2	293.0	293.8	294.6	295.3	295.8
% Ch, Annual Rate	0.6	0.7	0.9	1.0	1.1	1.1	1.0	0.8
Durable Manufacturing	204.5	204.8	205.2	205.7	206.3	206.8	207.3	207.7
% Ch, Annual Rate	0.5	0.6	0.9	1.0	1.1	1.1	0.9	0.8
Aerospace	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
% Ch, Annual Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nondurable Manufacturing	86.7	86.8	87.0	87.3	87.5	87.7	88.0	88.1
% Ch, Annual Rate	0.8	0.8	0.9	1.1	1.0	1.1	1.0	0.8
Construction	212.5	212.0	211.6	211.1	210.6	210.1	209.6	209.0
% Ch, Annual Rate	-0.8	-0.9	-0.9	-0.9	-0.9	-0.9	-1.0	-1.0
Service-Providing	3,067.6	3,074.0	3,080.2	3,086.1	3,091.8	3,097.1	3,102.3	3,107.4
% Ch, Annual Rate	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.7
Software Publishers	68.7	69.0	69.4	69.7	70.0	70.4	70.7	71.0
% Ch, Annual Rate	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
Electronic Shopping and Mail-Order	64.7	65.2	65.6	66.1	66.5	66.9	67.3	67.7
% 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	41.416	41.201	40.911	40.639	40.392	40.169	39.913	39.622
% Ch, Annual Rate	-1.8	-2.1	-2.8	-2.6	-2.4	-2.2	-2.5	-2.9
Single-Family	25.373	25.430	25.408	25.383	25.361	25.354	25.359	25.356
% Ch, Annual Rate	0.6	0.9	-0.3	-0.4	-0.3	-0.1	0.1	0.0
Multi-Family	16.043	15.772	15.503	15.256	15.031	14.815	14.553	14.265
% Ch, Annual Rate	-5.5	-6.6	-6.6	-6.2	-5.8	-5.6	-6.9	-7.7
30-Year Fixed Mortgage Rate (%)	5.16	5.15	5.14	5.13	5.11	5.09	5.06	5.06

Table A2.1

U.S. Nonagricultural Employment by Industry (Millions)

Forecast 2018 to 2023

	2016	2017	2018	2019	2020	2021	2022	2023
Nonfarm Payroll Employment	144.35	146.62	148.99	151.06	152.44	153.21	153.90	154.64
% Ch	1.8	1.6	1.6	1.4	0.9	0.5	0.4	0.5
Manufacturing	12.35	12.44	12.70	12.81	12.74	12.60	12.54	12.54
% Ch	0.1	0.7	2.0	0.9	-0.6	-1.1	-0.5	0.0
Durable Manufacturing	7.71	7.74	7.93	8.02	7.97	7.87	7.81	7.81
% Ch	-0.7	0.3	2.5	1.1	-0.6	-1.3	-0.7	0.1
Wood Products	0.39	0.40	0.41	0.41	0.42	0.43	0.44	0.45
% Ch	2.7	1.1	2.3	0.9	2.0	2.3	2.6	3.0
Primary and Fabricated Metals	1.80	1.80	1.87	1.92	1.91	1.86	1.85	1.88
% Ch	-3.0	0.4	3.8	2.7	-0.5	-2.9	-0.5	2.0
Computer and Electronic Products	1.05	1.04	1.07	1.07	1.06	1.07	1.08	1.09
% Ch	-0.5	-0.5	2.2	0.2	-0.8	0.7	1.2	1.0
Machinery and Electrical Equipment	1.46	1.47	1.53	1.55	1.56	1.54	1.54	1.55
% Ch	-3.0	0.6	3.9	1.7	0.3	-1.0	0.2	0.7
Transportation Equipment	1.63	1.63	1.66	1.66	1.63	1.61	1.53	1.46
% Ch	1.6	0.1	1.6	0.2	-1.7	-1.7	-4.4	-4.8
Other Durables	1.39	1.40	1.41	1.41	1.39	1.37	1.36	1.37
% Ch	1.3	0.7	0.7	0.0	-1.2	-1.5	-0.4	0.5
Nondurable Manufacturing	4.64	4.71	4.76	4.79	4.77	4.74	4.73	4.73
% Ch	1.5	1.4	1.3	0.6	-0.5	-0.7	-0.2	0.0
Food Manufacturing	1.56	1.60	1.64	1.68	1.69	1.70	1.72	1.75
% Ch	3.0	3.0	2.2	2.2	1.0	0.5	1.2	1.4
Paper and Paper Products	0.37	0.37	0.37	0.37	0.36	0.36	0.36	0.35
% Ch	-0.6	-0.5	1.6	-0.9	-1.9	-1.8	-0.7	-0.1
Other Nondurables	2.71	2.73	2.75	2.75	2.71	2.68	2.65	2.63
% Ch	1.0	0.8	0.7	-0.1	-1.3	-1.3	-1.0	-0.9
Natural Resources and Mining	0.67	0.68	0.74	0.76	0.78	0.79	0.79	0.80
% Ch	-17.8	1.5	8.5	3.9	2.6	0.8	0.4	0.4
Construction	6.73	6.95	7.23	7.46	7.76	8.06	8.30	8.54
% Ch	4.1	3.4	4.0	3.1	4.1	3.9	2.9	2.9
Trade, Transportation, and Utilities	27.26	27.49	27.79	27.96	27.83	27.68	27.47	27.26
% Ch	1.4	0.8	1.1	0.6	-0.5	-0.5	-0.8	-0.8
Wholesale Trade	5.86	5.90	5.99	6.09	6.11	6.10	6.09	6.09
% Ch	0.1	0.7	1.5	1.7	0.3	-0.2	-0.1	0.0
Retail Trade	15.83	15.86	15.92	15.91	15.79	15.71	15.55	15.38
% Ch	1.4	0.2	0.3	0.0	-0.7	-0.6	-1.0	-1.0
Trans., Warehousing, and Utilities	5.57	5.72	5.88	5.95	5.93	5.88	5.83	5.79
% Ch	2.7	2.8	2.7	1.3	-0.5	-0.8	-0.8	-0.7
Information	2.79	2.79	2.77	2.79	2.81	2.87	2.87	2.85
% Ch	1.6	0.0	-0.8	0.8	0.7	2.0	0.2	-0.8
Publishing Industries	0.73	0.72	0.71	0.69	0.66	0.64	0.63	0.63
% Ch	0.5	-1.0	-1.5	-3.3	-4.5	-2.3	-1.3	-0.8
Other Information	2.06	2.07	2.06	2.10	2.15	2.23	2.24	2.22
% Ch	1.9	0.3	-0.6	2.2	2.4	3.4	0.6	-0.8
Financial Activities	8.29	8.45	8.56	8.69	8.78	8.78	8.77	8.77
% Ch	2.0	2.0	1.3	1.4	1.1	-0.1	0.0	-0.1
Professional and Business Services	20.05	20.47	21.00	21.92	22.68	23.16	23.64	24.17
% Ch	2.1	2.1	2.6	4.4	3.5	2.1	2.1	2.2
Education and Health Services	22.64	23.19	23.65	23.97	23.98	24.03	24.12	24.20
% Ch	2.8	2.4	2.0	1.4	0.0	0.2	0.3	0.3
Leisure and Hospitality	15.66	16.06	16.34	16.43	16.61	16.79	16.83	16.82
% Ch	3.3	2.6	1.8	0.5	1.1	1.1	0.2	-0.1
Other Services	5.69	5.78	5.87	5.87	5.78	5.72	5.68	5.65
% Ch	1.2	1.5	1.6	0.0	-1.4	-1.0	-0.7	-0.7
Federal Government	2.79	2.81	2.79	2.80	2.92	2.80	2.80	2.80
% Ch	1.4	0.4	-0.4	0.0	4.5	-4.3	0.0	0.0
State and Local Government	19.44	19.52	19.54	19.60	19.75	19.92	20.08	20.25
% Ch	0.9	0.4	0.1	0.3	0.8	0.8	0.8	0.8

Table A2.2

U.S. Nonagricultural Employment by Industry (Millions)

Forecast 2018 to 2023

	2018:1	2018:2	2018:3	2018:4	2019:1	2019:2	2019:3	2019:4
Nonfarm Payroll Employment	148.07	148.70	149.29	149.90	150.40	150.88	151.30	151.66
% Ch, Annual Rate	1.7	1.7	1.6	1.6	1.3	1.3	1.1	1.0
Manufacturing	12.61	12.68	12.73	12.78	12.82	12.83	12.79	12.82
% Ch, Annual Rate	2.7	2.4	1.6	1.4	1.3	0.4	-1.3	0.8
Durable Manufacturing	7.86	7.92	7.96	7.99	8.02	8.04	8.00	8.03
% Ch, Annual Rate	3.6	3.0	2.1	1.4	1.3	1.0	-1.7	1.2
Wood Products	0.40	0.41	0.41	0.41	0.41	0.41	0.41	0.41
% Ch, Annual Rate	5.3	2.5	0.7	6.1	-1.1	-2.5	-0.2	5.4
Primary and Fabricated Metals	1.85	1.86	1.88	1.89	1.91	1.92	1.92	1.93
% Ch, Annual Rate	4.7	3.8	3.0	3.6	3.1	3.0	-0.6	2.4
Computer and Electronic Products	1.06	1.06	1.07	1.07	1.07	1.07	1.07	1.06
% Ch, Annual Rate	2.3	2.4	1.9	0.6	1.0	-1.0	-2.1	-1.0
Machinery and Electrical Equipment	1.50	1.52	1.54	1.54	1.55	1.55	1.55	1.56
% Ch, Annual Rate	4.7	5.7	4.0	0.1	2.0	1.4	-0.8	3.5
Transportation Equipment	1.65	1.66	1.66	1.67	1.67	1.67	1.66	1.65
% Ch, Annual Rate	2.8	2.5	1.7	1.1	-0.7	1.3	-3.0	-1.2
Other Durables	1.41	1.41	1.41	1.41	1.41	1.41	1.40	1.40
% Ch, Annual Rate	2.4	0.5	0.1	-0.3	1.2	0.2	-2.7	0.3
Nondurable Manufacturing	4.74	4.76	4.77	4.79	4.80	4.80	4.79	4.79
% Ch, Annual Rate	1.2	1.3	0.8	1.4	1.4	-0.5	-0.5	0.1
Food Manufacturing	1.63	1.64	1.64	1.65	1.67	1.67	1.68	1.68
% Ch, Annual Rate	2.4	1.9	1.2	2.8	3.9	1.2	1.0	1.8
Paper and Paper Products	0.37	0.37	0.38	0.38	0.37	0.37	0.37	0.37
% Ch, Annual Rate	2.5	2.6	2.8	-1.7	-1.2	-2.4	-2.1	-0.7
Other Nondurables	2.74	2.75	2.75	2.76	2.76	2.75	2.74	2.74
% Ch, Annual Rate	0.5	0.7	0.3	1.0	0.3	-1.3	-1.2	-0.8
Natural Resources and Mining	0.71	0.73	0.75	0.75	0.75	0.76	0.77	0.77
% Ch, Annual Rate	11.0	12.1	6.3	0.9	3.9	3.7	3.7	1.0
Construction	7.14	7.20	7.26	7.32	7.37	7.42	7.49	7.57
% Ch, Annual Rate	6.6	3.3	3.5	3.0	2.8	2.7	3.7	4.3
Trade, Transportation, and Utilities	27.69	27.76	27.81	27.89	27.93	27.94	27.99	27.97
% Ch, Annual Rate	1.5	1.0	0.8	1.1	0.5	0.2	0.7	-0.3
Wholesale Trade	5.95	5.96	6.01	6.04	6.06	6.08	6.11	6.12
% Ch, Annual Rate	1.5	0.5	3.0	2.6	1.1	1.5	1.7	0.9
Retail Trade	15.91	15.93	15.91	15.91	15.92	15.91	15.92	15.89
% Ch, Annual Rate	1.0	0.7	-0.6	0.1	0.3	-0.3	0.3	-0.9
Trans., Warehousing, and Utilities	5.82	5.86	5.90	5.93	5.94	5.95	5.96	5.96
% Ch, Annual Rate	3.0	2.6	2.6	2.4	0.7	0.4	0.7	0.2
Information	2.76	2.77	2.77	2.78	2.78	2.80	2.80	2.79
% Ch, Annual Rate	-2.7	1.2	0.1	1.9	-0.2	3.3	-0.6	-1.6
Publishing Industries	0.72	0.71	0.71	0.71	0.70	0.70	0.69	0.67
% Ch, Annual Rate	-1.7	-0.5	-0.5	-2.8	-3.7	-3.3	-5.8	-7.0
Other Information	2.05	2.06	2.06	2.07	2.08	2.11	2.11	2.12
% Ch, Annual Rate	-3.0	1.8	0.3	3.5	1.0	5.6	1.2	0.3
Financial Activities	8.54	8.56	8.58	8.58	8.62	8.66	8.71	8.75
% Ch, Annual Rate	1.5	1.3	0.6	0.3	1.9	1.9	2.2	1.6
Professional and Business Services	20.77	20.92	21.08	21.24	21.51	21.80	22.07	22.30
% Ch, Annual Rate	2.3	3.0	3.0	3.1	5.0	5.6	5.1	4.2
Education and Health Services	23.46	23.58	23.72	23.85	23.89	23.99	24.01	24.01
% Ch, Annual Rate	2.0	2.0	2.3	2.3	0.7	1.7	0.3	0.0
Leisure and Hospitality	16.24	16.29	16.37	16.45	16.48	16.42	16.40	16.41
% Ch, Annual Rate	1.5	1.3	2.0	2.0	0.6	-1.5	-0.3	0.2
Other Services	5.83	5.86	5.88	5.91	5.90	5.88	5.86	5.84
% Ch, Annual Rate	1.1	2.2	1.1	2.3	-0.9	-1.4	-1.0	-1.7
Federal Government	2.79	2.79	2.80	2.80	2.80	2.80	2.80	2.80
% Ch, Annual Rate	-1.2	0.0	0.4	0.0	0.0	0.0	0.0	0.0
State and Local Government	19.53	19.54	19.55	19.55	19.56	19.58	19.61	19.65
% Ch, Annual Rate	0.0	0.3	0.1	0.1	0.2	0.4	0.6	0.8

Table A2.2 (continued)

U.S. Nonagricultural Employment by Industry (Millions)

Forecast 2018 to 2023

	2020:1	2020:2	2020:3	2020:4	2021:1	2021:2	2021:3	2021:4
Nonfarm Payroll Employment	152.00	152.51	152.56	152.69	152.92	153.13	153.31	153.48
% Ch, Annual Rate	0.9	1.3	0.1	0.3	0.6	0.6	0.5	0.4
Manufacturing	12.80	12.77	12.72	12.67	12.63	12.61	12.60	12.57
% Ch, Annual Rate	-0.5	-1.1	-1.3	-1.8	-1.1	-0.7	-0.4	-0.8
Durable Manufacturing	8.01	7.99	7.96	7.92	7.89	7.87	7.86	7.84
% Ch, Annual Rate	-0.6	-1.2	-1.5	-2.1	-1.4	-0.9	-0.5	-1.0
Wood Products	0.42	0.42	0.42	0.42	0.42	0.43	0.43	0.43
% Ch, Annual Rate	1.9	1.7	2.1	1.4	2.4	2.9	3.1	1.7
Primary and Fabricated Metals	1.93	1.92	1.91	1.89	1.87	1.86	1.85	1.84
% Ch, Annual Rate	-0.2	-2.0	-2.7	-4.0	-3.4	-2.9	-1.9	-1.3
Computer and Electronic Products	1.06	1.06	1.06	1.06	1.06	1.06	1.07	1.07
% Ch, Annual Rate	-0.9	-0.6	0.3	0.4	0.7	1.0	1.2	1.2
Machinery and Electrical Equipment	1.56	1.56	1.55	1.55	1.54	1.54	1.54	1.54
% Ch, Annual Rate	0.2	-0.9	-1.0	-2.0	-1.2	-0.8	0.1	0.1
Transportation Equipment	1.65	1.64	1.63	1.62	1.61	1.61	1.61	1.59
% Ch, Annual Rate	-1.9	-1.3	-2.7	-2.4	-1.7	-0.2	-1.1	-3.9
Other Durables	1.40	1.39	1.39	1.38	1.38	1.37	1.37	1.36
% Ch, Annual Rate	-1.1	-1.6	-1.5	-2.1	-1.5	-1.4	-1.0	-0.9
Nondurable Manufacturing	4.79	4.78	4.77	4.75	4.74	4.74	4.74	4.73
% Ch, Annual Rate	-0.3	-0.8	-0.9	-1.3	-0.6	-0.4	-0.2	-0.3
Food Manufacturing	1.69	1.69	1.69	1.69	1.70	1.70	1.70	1.71
% Ch, Annual Rate	1.5	0.6	0.4	-0.4	0.6	0.9	1.2	0.9
Paper and Paper Products	0.37	0.37	0.36	0.36	0.36	0.36	0.36	0.36
% Ch, Annual Rate	-1.7	-2.1	-2.6	-2.7	-1.6	-1.3	-1.0	-0.9
Other Nondurables	2.73	2.72	2.71	2.70	2.69	2.68	2.67	2.67
% Ch, Annual Rate	-1.3	-1.5	-1.5	-1.7	-1.2	-1.0	-1.0	-1.1
Natural Resources and Mining	0.77	0.78	0.79	0.79	0.79	0.79	0.79	0.79
% Ch, Annual Rate	2.3	4.2	2.0	1.3	1.3	-2.0	0.6	0.8
Construction	7.64	7.72	7.80	7.89	7.97	8.03	8.09	8.15
% Ch, Annual Rate	4.0	4.0	4.5	4.6	4.1	3.2	3.0	3.1
Trade, Transportation, and Utilities	27.92	27.85	27.81	27.75	27.73	27.72	27.67	27.62
% Ch, Annual Rate	-0.8	-0.9	-0.5	-0.9	-0.3	-0.2	-0.6	-0.8
Wholesale Trade	6.12	6.11	6.11	6.11	6.11	6.10	6.10	6.10
% Ch, Annual Rate	-0.2	-0.5	-0.2	-0.3	0.0	-0.2	-0.3	-0.2
Retail Trade	15.85	15.80	15.79	15.74	15.73	15.73	15.70	15.66
% Ch, Annual Rate	-1.0	-1.0	-0.5	-1.1	-0.2	-0.1	-0.7	-1.0
Trans., Warehousing, and Utilities	5.95	5.93	5.92	5.90	5.89	5.88	5.87	5.86
% Ch, Annual Rate	-0.8	-1.2	-1.0	-1.0	-0.6	-0.7	-0.9	-0.9
Information	2.79	2.80	2.82	2.84	2.85	2.87	2.88	2.88
% Ch, Annual Rate	0.9	0.6	2.8	2.6	2.6	1.9	1.1	0.4
Publishing Industries	0.67	0.66	0.66	0.65	0.65	0.64	0.64	0.64
% Ch, Annual Rate	-4.6	-3.2	-2.8	-2.9	-2.2	-2.0	-1.7	-1.4
Other Information	2.13	2.14	2.16	2.19	2.21	2.22	2.24	2.24
% Ch, Annual Rate	2.7	1.8	4.5	4.3	4.1	3.1	1.9	1.0
Financial Activities	8.78	8.78	8.79	8.79	8.79	8.77	8.77	8.77
% Ch, Annual Rate	1.4	0.2	0.4	0.3	-0.2	-0.7	-0.2	0.0
Professional and Business Services	22.50	22.63	22.73	22.85	22.99	23.12	23.22	23.33
% Ch, Annual Rate	3.7	2.2	1.8	2.0	2.6	2.1	1.8	1.8
Education and Health Services	23.99	23.97	23.98	23.99	24.01	24.02	24.04	24.06
% Ch, Annual Rate	-0.3	-0.3	0.1	0.1	0.5	0.2	0.2	0.3
Leisure and Hospitality	16.45	16.54	16.68	16.76	16.75	16.78	16.81	16.84
% Ch, Annual Rate	1.0	2.1	3.4	2.0	-0.4	0.8	0.8	0.6
Other Services	5.82	5.79	5.77	5.76	5.74	5.73	5.72	5.71
% Ch, Annual Rate	-1.4	-1.6	-1.3	-1.3	-0.8	-1.0	-0.9	-0.8
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	19.69	19.73	19.77	19.81	19.85	19.90	19.94	19.98
% 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 2018 to 2023

	2022:1	2022:2	2022:3	2022:4	2023:1	2023:2	2023:3	2023:4
Nonfarm Payroll Employment	153.65	153.81	153.98	154.16	154.36	154.55	154.73	154.91
% Ch, Annual Rate	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5
Manufacturing	12.55	12.53	12.53	12.53	12.53	12.54	12.55	12.55
% Ch, Annual Rate	-0.7	-0.6	-0.2	0.0	0.1	0.2	0.4	0.0
Durable Manufacturing	7.82	7.81	7.80	7.80	7.80	7.81	7.82	7.82
% Ch, Annual Rate	-1.0	-0.8	-0.3	0.0	0.1	0.3	0.5	0.2
Wood Products	0.43	0.44	0.44	0.44	0.45	0.45	0.45	0.46
% Ch, Annual Rate	2.6	2.4	2.8	3.4	3.2	3.3	2.6	1.9
Primary and Fabricated Metals	1.84	1.84	1.85	1.86	1.87	1.88	1.89	1.90
% Ch, Annual Rate	-0.5	0.3	1.2	1.8	2.4	2.5	2.3	1.7
Computer and Electronic Products	1.07	1.08	1.08	1.08	1.09	1.09	1.09	1.09
% Ch, Annual Rate	1.3	1.0	1.2	1.1	1.1	0.9	0.6	0.5
Machinery and Electrical Equipment	1.54	1.54	1.54	1.55	1.55	1.55	1.56	1.56
% Ch, Annual Rate	0.2	0.3	0.5	0.9	0.8	0.7	0.5	0.4
Transportation Equipment	1.57	1.54	1.52	1.50	1.48	1.46	1.45	1.44
% Ch, Annual Rate	-5.4	-6.0	-5.7	-5.4	-5.5	-4.7	-2.3	-2.7
Other Durables	1.36	1.36	1.36	1.37	1.37	1.37	1.37	1.37
% Ch, Annual Rate	-0.6	-0.1	0.5	0.6	0.7	0.7	0.5	0.1
Nondurable Manufacturing	4.73	4.73	4.73	4.73	4.73	4.73	4.73	4.73
% Ch, Annual Rate	-0.2	-0.2	0.0	0.1	0.0	0.1	0.0	-0.2
Food Manufacturing	1.71	1.72	1.72	1.73	1.74	1.74	1.75	1.75
% Ch, Annual Rate	1.2	1.2	1.4	1.5	1.4	1.5	1.5	1.2
Paper and Paper Products	0.36	0.36	0.35	0.35	0.35	0.35	0.35	0.35
% Ch, Annual Rate	-0.7	-0.6	-0.3	-0.1	-0.1	0.0	0.0	-0.2
Other Nondurables	2.66	2.65	2.65	2.64	2.64	2.63	2.63	2.62
% Ch, Annual Rate	-1.0	-1.0	-0.8	-0.8	-0.9	-0.8	-0.9	-1.1
Natural Resources and Mining	0.79	0.79	0.79	0.79	0.80	0.79	0.80	0.80
% Ch, Annual Rate	0.5	0.4	0.9	0.4	0.4	-0.3	0.5	1.0
Construction	8.21	8.27	8.33	8.39	8.45	8.51	8.57	8.63
% Ch, Annual Rate	2.9	2.8	2.9	2.8	2.9	2.9	2.9	2.8
Trade, Transportation, and Utilities	27.55	27.50	27.44	27.39	27.33	27.29	27.24	27.20
% Ch, Annual Rate	-0.9	-0.8	-0.8	-0.7	-0.9	-0.6	-0.6	-0.6
Wholesale Trade	6.10	6.09	6.09	6.09	6.09	6.09	6.09	6.09
% Ch, Annual Rate	0.0	-0.2	0.0	-0.1	0.1	-0.1	-0.1	-0.1
Retail Trade	15.61	15.57	15.52	15.49	15.43	15.40	15.37	15.34
% Ch, Annual Rate	-1.4	-1.0	-1.1	-1.0	-1.5	-0.8	-0.8	-0.7
Trans., Warehousing, and Utilities	5.85	5.84	5.82	5.81	5.80	5.79	5.78	5.77
% Ch, Annual Rate	-0.6	-0.9	-0.8	-0.8	-0.6	-0.7	-0.7	-0.7
Information	2.88	2.88	2.87	2.87	2.86	2.85	2.85	2.85
% Ch, Annual Rate	0.4	-0.5	-0.8	-0.9	-1.2	-1.5	0.6	0.4
Publishing Industries	0.64	0.64	0.63	0.63	0.63	0.63	0.63	0.63
% Ch, Annual Rate	-1.0	-1.2	-1.1	-1.0	-0.7	-0.7	-0.7	-0.7
Other Information	2.24	2.24	2.24	2.23	2.23	2.22	2.22	2.23
% Ch, Annual Rate	0.8	-0.3	-0.7	-0.9	-1.4	-1.8	1.0	0.7
Financial Activities	8.78	8.77	8.77	8.77	8.77	8.77	8.76	8.76
% Ch, Annual Rate	0.3	0.0	-0.1	-0.2	0.2	-0.2	-0.1	-0.1
Professional and Business Services	23.45	23.57	23.70	23.84	24.00	24.13	24.23	24.33
% Ch, Annual Rate	2.2	2.0	2.2	2.3	2.8	2.1	1.7	1.7
Education and Health Services	24.09	24.11	24.13	24.14	24.17	24.19	24.20	24.22
% Ch, Annual Rate	0.6	0.3	0.3	0.2	0.5	0.3	0.2	0.3
Leisure and Hospitality	16.82	16.83	16.84	16.84	16.81	16.82	16.83	16.84
% Ch, Annual Rate	-0.4	0.3	0.1	0.1	-0.8	0.2	0.2	0.2
Other Services	5.70	5.69	5.68	5.67	5.66	5.65	5.64	5.63
% Ch, Annual Rate	-0.4	-0.7	-0.7	-0.8	-0.5	-0.7	-0.8	-0.7
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	20.02	20.06	20.10	20.14	20.19	20.23	20.27	20.31
% 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 2018 to 2023

	2016	2017	2018	2019	2020	2021	2022	2023
Nonfarm Payroll Employment	3,244.5	3,322.4	3,410.0	3,478.1	3,527.1	3,559.6	3,587.4	3,610.9
% Ch	3.1	2.4	2.6	2.0	1.4	0.9	0.8	0.7
Manufacturing	290.0	283.8	286.4	290.7	290.9	290.4	292.0	294.9
% Ch	-0.7	-2.1	0.9	1.5	0.1	-0.2	0.6	1.0
Durable Manufacturing	207.6	200.1	201.2	204.6	204.7	204.1	205.0	207.0
% Ch	-1.7	-3.6	0.5	1.7	0.0	-0.3	0.5	1.0
Wood Products	13.1	12.9	13.2	12.9	12.9	12.8	12.8	12.9
% Ch	-1.6	-1.1	1.6	-1.9	-0.5	-0.2	0.1	0.4
Primary and Fabricated Metals	25.2	25.0	26.2	27.1	26.9	26.0	25.9	26.4
% Ch	-2.0	-0.7	4.5	3.6	-0.7	-3.3	-0.6	2.0
Computer and Electronic Products	20.1	19.6	19.8	19.9	19.9	20.3	20.9	21.5
% Ch	0.7	-2.5	1.1	0.7	-0.2	2.2	3.0	2.8
Machinery and Electrical Equipment	20.5	20.6	20.8	21.6	22.2	22.6	23.3	24.1
% Ch	-1.2	0.7	0.7	3.8	3.1	1.4	3.1	3.7
Aerospace	91.0	84.1	83.5	85.1	85.1	85.1	85.1	85.1
% Ch	-3.2	-7.6	-0.7	2.0	0.0	0.0	0.0	0.0
Other Transportation Equip.	10.1	10.2	9.8	9.7	9.3	9.0	8.8	8.5
% Ch	-0.9	0.2	-3.2	-1.1	-4.0	-3.6	-2.8	-2.4
Other Durables	27.6	27.7	28.0	28.3	28.4	28.3	28.3	28.5
% Ch	1.2	0.5	1.0	0.9	0.4	-0.4	0.2	0.7
Nondurable Manufacturing	82.4	83.7	85.3	86.1	86.2	86.3	87.0	87.8
% Ch	2.1	1.5	1.9	1.0	0.1	0.1	0.7	1.0
Food Manufacturing	37.5	38.0	38.4	38.3	38.4	38.3	38.4	38.7
% Ch	1.9	1.3	1.1	-0.5	0.3	-0.2	0.4	0.7
Paper and Paper Products	7.8	7.7	7.6	7.4	7.1	6.9	6.8	6.7
% Ch	-3.4	-0.2	-2.2	-2.8	-3.1	-3.0	-1.8	-1.1
Other Nondurables	37.1	37.9	39.3	40.5	40.7	41.1	41.7	42.4
% Ch	3.4	2.1	3.6	3.1	0.6	1.0	1.5	1.6
Natural Resources and Mining	6.3	6.2	6.3	6.5	6.6	6.6	6.6	6.6
% Ch	-0.8	-1.6	2.0	2.6	1.4	0.7	0.1	-0.3
Construction	186.6	199.7	212.0	214.3	214.4	213.4	211.8	209.8
% Ch	7.7	7.0	6.2	1.1	0.1	-0.5	-0.8	-0.9
Trade, Transportation, and Utilities	606.3	626.0	641.1	650.7	654.2	655.8	655.0	653.3
% Ch	3.1	3.2	2.4	1.5	0.5	0.2	-0.1	-0.2
Wholesale Trade	132.8	134.5	138.7	141.4	142.2	142.1	142.1	142.0
% Ch	0.6	1.3	3.1	2.0	0.6	-0.1	0.0	-0.1
Retail Trade	369.1	384.7	393.3	398.8	401.7	404.0	403.8	403.0
% Ch	4.0	4.2	2.2	1.4	0.7	0.6	0.0	-0.2
Electronic Shopping and Mail-Order	38.2	49.7	55.0	58.2	61.2	63.5	65.4	67.1
% Ch	26.6	30.1	10.6	5.8	5.2	3.8	3.0	2.5
Other Retail Trade	330.9	335.0	338.3	340.6	340.5	340.5	338.4	335.9
% Ch	1.9	1.2	1.0	0.7	0.0	0.0	-0.6	-0.7
Trans., Warehousing, and Utilities	104.4	106.9	109.1	110.5	110.3	109.7	109.0	108.4
% Ch	3.4	2.4	2.1	1.3	-0.2	-0.6	-0.6	-0.6
Information	121.6	126.3	133.2	138.0	140.5	143.5	144.7	145.0
% Ch	6.2	3.9	5.4	3.6	1.8	2.2	0.8	0.2
Software Publishers	58.9	61.3	64.7	66.2	66.9	67.9	69.2	70.5
% Ch	5.3	4.1	5.5	2.3	1.0	1.6	1.8	1.9
Other Publishing Industries	5.9	5.5	5.3	4.9	4.3	3.9	3.5	3.2
% Ch	-4.0	-7.0	-4.7	-6.4	-12.8	-9.9	-8.7	-8.5
Other Information	56.7	59.5	63.2	66.9	69.3	71.7	72.0	71.2
% Ch	8.4	4.9	6.3	5.7	3.7	3.4	0.4	-1.0
Financial Activities	150.3	153.1	157.3	159.9	160.9	159.4	158.0	156.5
% Ch	1.8	1.9	2.7	1.7	0.6	-0.9	-0.8	-1.0
Professional and Business Services	403.5	414.1	428.3	449.2	466.7	479.1	490.8	502.8
% Ch	3.5	2.6	3.4	4.9	3.9	2.7	2.4	2.4
Education and Health Services	463.5	476.0	491.2	500.8	506.3	511.7	516.9	521.4
% Ch	3.4	2.7	3.2	2.0	1.1	1.1	1.0	0.9
Leisure and Hospitality	323.3	331.4	341.1	345.2	351.0	356.1	358.3	359.0
% Ch	4.3	2.5	2.9	1.2	1.7	1.4	0.6	0.2
Other Services	117.6	119.9	123.2	125.9	127.8	129.4	130.7	131.8
% Ch	2.3	2.0	2.8	2.2	1.5	1.2	1.1	0.8
Federal Government	74.5	74.9	74.7	75.0	77.9	75.8	76.1	76.3
% Ch	1.9	0.4	-0.2	0.4	3.8	-2.6	0.4	0.3
State and Local Government	501.0	511.1	515.2	521.9	529.9	538.4	546.5	553.5
% Ch	2.5	2.0	0.8	1.3	1.5	1.6	1.5	1.3

Table A2.4

Washington Nonagricultural Employment by Industry (Thousands)

Forecast 2018 to 2023

	2018:1	2018:2	2018:3	2018:4	2019:1	2019:2	2019:3	2019:4
Nonfarm Payroll Employment	3,384.6	3,395.6	3,420.2	3,439.8	3,455.9	3,472.0	3,485.9	3,498.8
% Ch, Annual Rate	4.2	1.3	2.9	2.3	1.9	1.9	1.6	1.5
Manufacturing	284.1	285.1	287.3	289.2	290.3	290.7	290.5	291.2
% Ch, Annual Rate	2.7	1.5	3.1	2.7	1.5	0.5	-0.3	1.0
Durable Manufacturing	198.8	200.0	202.2	203.6	204.3	204.6	204.4	204.9
% Ch, Annual Rate	1.7	2.5	4.4	2.7	1.4	0.7	-0.5	1.1
Wood Products	13.2	13.1	13.1	13.1	13.0	12.9	12.8	12.9
% Ch, Annual Rate	5.5	-2.1	0.0	-0.2	-3.0	-4.3	-2.3	2.4
Primary and Fabricated Metals	25.6	26.0	26.3	26.7	26.9	27.1	27.1	27.2
% Ch, Annual Rate	8.5	6.4	5.1	6.0	3.2	3.1	-0.9	2.4
Computer and Electronic Products	19.7	19.7	19.8	19.9	20.0	20.0	19.9	19.8
% Ch, Annual Rate	2.2	0.1	0.4	1.8	2.7	-0.5	-2.2	-0.5
Machinery and Electrical Equipment	20.6	20.7	20.8	21.0	21.3	21.5	21.6	22.0
% Ch, Annual Rate	-5.3	3.1	1.4	3.1	5.3	4.5	1.5	7.7
Aerospace	81.9	82.6	84.2	85.1	85.1	85.1	85.1	85.1
% Ch, Annual Rate	2.2	3.4	7.7	4.5	0.0	0.0	0.0	0.0
Other Transportation Equip.	9.8	9.8	9.9	9.8	9.8	9.8	9.7	9.5
% Ch, Annual Rate	-6.5	0.3	6.4	-4.3	-0.2	-1.0	-3.4	-6.8
Other Durables	28.0	28.0	28.1	28.0	28.1	28.3	28.3	28.4
% Ch, Annual Rate	0.4	0.8	1.0	-1.7	2.6	1.8	0.2	1.4
Nondurable Manufacturing	85.3	85.1	85.1	85.7	86.1	86.1	86.1	86.2
% Ch, Annual Rate	5.3	-0.9	0.1	2.8	1.9	0.0	0.0	0.8
Food Manufacturing	39.1	38.5	38.2	37.9	38.2	38.2	38.3	38.4
% Ch, Annual Rate	10.2	-6.0	-3.4	-3.0	3.1	0.4	0.2	1.0
Paper and Paper Products	7.6	7.6	7.5	7.5	7.5	7.4	7.3	7.3
% Ch, Annual Rate	-2.1	1.8	-5.6	-2.1	-2.3	-3.7	-3.4	-1.7
Other Nondurables	38.5	38.9	39.4	40.3	40.4	40.4	40.5	40.6
% Ch, Annual Rate	2.1	3.9	4.8	9.6	1.5	0.3	0.4	1.1
Natural Resources and Mining	6.3	6.3	6.3	6.3	6.4	6.4	6.5	6.5
% Ch, Annual Rate	4.4	0.7	1.0	2.6	4.7	2.2	2.6	0.0
Construction	209.3	211.6	213.1	214.1	214.1	214.3	214.2	214.6
% Ch, Annual Rate	9.8	4.6	2.9	1.8	0.1	0.4	-0.3	0.8
Trade, Transportation, and Utilities	639.6	637.9	642.0	644.7	647.4	649.6	652.2	653.4
% Ch, Annual Rate	5.3	-1.1	2.6	1.7	1.7	1.3	1.6	0.7
Wholesale Trade	137.6	138.2	139.0	139.9	140.5	141.2	141.8	142.2
% Ch, Annual Rate	6.9	1.7	2.6	2.6	1.6	1.9	1.8	1.2
Retail Trade	393.9	391.5	392.9	394.8	396.7	398.1	399.8	400.5
% Ch, Annual Rate	5.2	-2.4	1.5	1.9	2.0	1.4	1.8	0.7
Electronic Shopping and Mail-Order	54.8	54.7	54.7	55.8	56.8	57.8	58.7	59.5
% Ch	10.0	-0.6	-0.5	8.3	7.7	6.9	6.2	5.6
Other Retail Trade	339.1	336.7	338.3	339.0	339.9	340.3	341.2	341.0
% Ch	4.5	-2.7	1.8	0.9	1.1	0.5	1.0	-0.2
Trans., Warehousing, and Utilities	108.1	108.2	110.0	110.0	110.2	110.4	110.6	110.7
% Ch, Annual Rate	3.4	0.4	6.6	0.1	0.8	0.6	0.8	0.4
Information	129.3	132.0	135.1	136.4	136.8	138.1	138.5	138.6
% Ch, Annual Rate	3.7	8.9	9.6	3.8	1.2	3.9	1.0	0.3
Software Publishers	63.2	64.5	65.5	65.8	66.0	66.2	66.3	66.3
% Ch, Annual Rate	5.9	8.4	6.3	1.8	1.2	1.3	0.7	0.3
Other Publishing Industries	5.2	5.2	5.3	5.3	5.2	5.0	4.8	4.6
% Ch, Annual Rate	-5.6	-4.2	8.8	1.3	-10.2	-9.8	-14.1	-16.6
Other Information	60.8	62.4	64.4	65.3	65.7	66.9	67.3	67.6
% Ch, Annual Rate	2.4	10.6	13.2	6.2	2.1	7.6	2.5	1.6
Financial Activities	156.1	157.0	157.8	158.2	158.9	159.6	160.3	160.8
% Ch, Annual Rate	4.9	2.3	2.1	0.9	1.7	1.8	1.9	1.3
Professional and Business Services	422.4	424.8	431.0	434.8	440.5	446.6	452.4	457.4
% Ch, Annual Rate	5.3	2.2	6.0	3.6	5.3	5.7	5.3	4.5
Education and Health Services	487.8	490.1	491.7	495.2	497.3	500.4	502.1	503.5
% Ch, Annual Rate	3.9	1.9	1.3	2.9	1.7	2.5	1.4	1.1
Leisure and Hospitality	338.9	340.4	341.7	343.5	344.7	344.7	345.3	346.2
% Ch, Annual Rate	5.6	1.7	1.5	2.1	1.5	-0.1	0.7	1.1
Other Services	122.1	122.4	123.8	124.6	125.2	125.7	126.2	126.7
% Ch, Annual Rate	2.0	1.2	4.6	2.6	1.8	1.6	1.7	1.5
Federal Government	74.7	74.6	74.8	74.7	74.9	75.0	75.1	75.2
% Ch, Annual Rate	-0.6	-0.5	1.1	-0.5	0.6	0.6	0.6	0.6
State and Local Government	514.0	513.3	515.5	518.0	519.3	520.9	522.7	524.7
% Ch, Annual Rate	1.4	-0.6	1.7	1.9	1.1	1.2	1.4	1.5

Table A2.4 (continued)

Washington Nonagricultural Employment by Industry (Thousands)

Forecast 2018 to 2023

	2020:1	2020:2	2020:3	2020:4	2021:1	2021:2	2021:3	2021:4
Nonfarm Payroll Employment	3,510.0	3,527.2	3,531.9	3,539.2	3,547.7	3,556.0	3,563.6	3,570.9
% Ch, Annual Rate	1.3	2.0	0.5	0.8	1.0	0.9	0.9	0.8
Manufacturing	291.3	291.1	290.9	290.3	290.2	290.2	290.5	290.7
% Ch, Annual Rate	0.1	-0.2	-0.3	-0.7	-0.2	0.1	0.3	0.4
Durable Manufacturing	205.0	204.8	204.6	204.2	204.0	204.0	204.1	204.2
% Ch, Annual Rate	0.0	-0.3	-0.4	-0.7	-0.4	-0.1	0.2	0.3
Wood Products	12.9	12.9	12.9	12.8	12.8	12.8	12.8	12.8
% Ch, Annual Rate	-0.5	-0.6	-0.3	-0.9	-0.1	0.4	0.5	-0.6
Primary and Fabricated Metals	27.2	27.0	26.8	26.5	26.3	26.1	25.9	25.8
% Ch, Annual Rate	-0.6	-2.2	-3.0	-4.4	-3.8	-3.2	-2.2	-1.5
Computer and Electronic Products	19.8	19.8	19.9	20.0	20.1	20.2	20.4	20.5
% Ch, Annual Rate	-0.4	0.1	1.6	1.7	2.3	2.7	3.0	3.0
Machinery and Electrical Equipment	22.1	22.2	22.3	22.3	22.4	22.5	22.6	22.8
% Ch, Annual Rate	3.0	1.5	1.4	0.0	1.1	1.7	3.0	3.0
Aerospace	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
% Ch, Annual Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Transportation Equip.	9.5	9.4	9.3	9.2	9.1	9.0	9.0	8.9
% Ch, Annual Rate	-3.6	-2.3	-4.9	-4.3	-3.8	-2.4	-3.0	-3.0
Other Durables	28.4	28.4	28.4	28.3	28.3	28.3	28.2	28.2
% Ch, Annual Rate	0.2	-0.1	-0.2	-0.5	-0.4	-0.5	-0.3	0.0
Nondurable Manufacturing	86.3	86.3	86.2	86.1	86.1	86.2	86.4	86.5
% Ch, Annual Rate	0.4	-0.1	-0.3	-0.6	0.2	0.5	0.7	0.6
Food Manufacturing	38.4	38.4	38.4	38.3	38.2	38.2	38.3	38.3
% Ch, Annual Rate	0.7	-0.2	-0.4	-1.2	-0.2	0.2	0.4	0.2
Paper and Paper Products	7.2	7.2	7.1	7.0	7.0	6.9	6.9	6.9
% Ch, Annual Rate	-2.9	-3.4	-4.0	-4.1	-2.8	-2.5	-2.1	-2.0
Other Nondurables	40.7	40.7	40.8	40.8	40.9	41.1	41.2	41.3
% Ch, Annual Rate	0.7	0.5	0.5	0.5	1.1	1.3	1.3	1.4
Natural Resources and Mining	6.5	6.5	6.6	6.6	6.6	6.6	6.6	6.6
% Ch, Annual Rate	0.9	2.7	1.6	0.7	0.5	0.4	0.3	0.2
Construction	214.1	214.5	214.6	214.5	214.0	213.6	213.2	212.9
% Ch, Annual Rate	-0.9	0.7	0.3	-0.3	-0.9	-0.8	-0.7	-0.5
Trade, Transportation, and Utilities	653.8	654.0	654.6	654.5	655.2	655.9	656.1	655.9
% Ch, Annual Rate	0.2	0.1	0.4	0.0	0.4	0.4	0.1	-0.1
Wholesale Trade	142.2	142.2	142.2	142.2	142.2	142.1	142.1	142.1
% Ch, Annual Rate	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.1	-0.1
Retail Trade	401.0	401.4	402.2	402.3	403.1	404.0	404.4	404.4
% Ch, Annual Rate	0.5	0.4	0.8	0.2	0.8	0.9	0.3	0.1
Electronic Shopping and Mail-Order	60.2	60.9	61.6	62.2	62.7	63.3	63.8	64.3
% Ch	5.1	4.7	4.3	4.0	3.7	3.5	3.3	3.1
Other Retail Trade	340.8	340.5	340.6	340.2	340.4	340.8	340.6	340.1
% Ch	-0.3	-0.3	0.1	-0.5	0.3	0.4	-0.2	-0.5
Trans., Warehousing, and Utilities	110.6	110.4	110.2	110.0	109.9	109.8	109.6	109.4
% Ch, Annual Rate	-0.6	-0.6	-0.7	-0.6	-0.4	-0.5	-0.6	-0.6
Information	139.3	140.0	140.9	141.7	142.6	143.3	143.9	144.2
% Ch, Annual Rate	2.2	2.0	2.5	2.5	2.5	2.0	1.4	1.0
Software Publishers	66.5	66.7	67.0	67.2	67.5	67.8	68.1	68.4
% Ch, Annual Rate	1.0	1.4	1.5	1.5	1.6	1.7	1.8	1.8
Other Publishing Industries	4.5	4.3	4.2	4.1	4.0	3.9	3.8	3.7
% Ch, Annual Rate	-12.9	-10.8	-10.3	-10.7	-9.8	-9.6	-9.1	-8.8
Other Information	68.3	68.9	69.7	70.4	71.1	71.6	71.9	72.1
% Ch, Annual Rate	4.5	3.5	4.4	4.3	4.1	3.1	1.7	0.8
Financial Activities	161.1	161.0	160.9	160.6	160.1	159.5	159.1	158.8
% Ch, Annual Rate	0.7	-0.4	-0.3	-0.6	-1.2	-1.6	-1.0	-0.7
Professional and Business Services	462.0	465.4	468.2	471.3	474.8	477.8	480.6	483.3
% Ch, Annual Rate	4.1	2.9	2.5	2.6	3.0	2.6	2.3	2.3
Education and Health Services	504.6	505.6	506.9	508.2	509.8	511.0	512.3	513.6
% Ch, Annual Rate	0.8	0.8	1.0	1.0	1.2	1.0	1.0	1.0
Leisure and Hospitality	347.6	349.7	352.5	354.4	354.7	355.7	356.6	357.4
% Ch, Annual Rate	1.6	2.4	3.2	2.2	0.3	1.2	1.1	0.9
Other Services	127.2	127.6	128.0	128.4	128.8	129.2	129.5	129.9
% Ch, Annual Rate	1.5	1.3	1.3	1.3	1.3	1.2	1.1	1.1
Federal Government	75.8	83.1	77.0	75.6	75.7	75.8	75.8	75.9
% Ch, Annual Rate	3.3	44.1	-26.3	-7.0	0.5	0.4	0.4	0.4
State and Local Government	526.7	528.8	530.9	533.1	535.2	537.4	539.5	541.6
% Ch, Annual Rate	1.5	1.6	1.7	1.6	1.6	1.6	1.6	1.6

Table A2.4 (continued)

Washington Nonagricultural Employment by Industry (Thousands)

Forecast 2018 to 2023

	2022:1	2022:2	2022:3	2022:4	2023:1	2023:2	2023:3	2023:4
Nonfarm Payroll Employment	3,577.8	3,584.3	3,590.6	3,596.8	3,602.7	3,608.4	3,613.7	3,618.9
% Ch, Annual Rate	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6
Manufacturing	291.1	291.6	292.2	293.0	293.8	294.6	295.3	295.8
% Ch, Annual Rate	0.6	0.7	0.9	1.0	1.1	1.1	1.0	0.8
Durable Manufacturing	204.5	204.8	205.2	205.7	206.3	206.8	207.3	207.7
% Ch, Annual Rate	0.5	0.6	0.9	1.0	1.1	1.1	0.9	0.8
Wood Products	12.8	12.8	12.8	12.9	12.9	12.9	12.9	12.9
% Ch, Annual Rate	0.1	-0.1	0.3	0.8	0.6	0.7	0.1	-0.5
Primary and Fabricated Metals	25.8	25.8	25.9	26.0	26.1	26.3	26.4	26.6
% Ch, Annual Rate	-0.6	0.2	1.2	1.8	2.4	2.6	2.3	1.7
Computer and Electronic Products	20.7	20.8	21.0	21.2	21.3	21.5	21.6	21.7
% Ch, Annual Rate	3.3	2.8	3.1	3.0	2.9	2.6	2.2	2.0
Machinery and Electrical Equipment	23.0	23.1	23.3	23.6	23.8	24.0	24.2	24.4
% Ch, Annual Rate	3.1	3.2	3.5	4.1	4.0	3.8	3.5	3.3
Aerospace	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
% Ch, Annual Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Transportation Equip.	8.8	8.8	8.7	8.7	8.6	8.6	8.5	8.5
% Ch, Annual Rate	-2.9	-2.8	-2.5	-2.4	-2.4	-2.3	-2.0	-2.6
Other Durables	28.3	28.3	28.3	28.4	28.4	28.5	28.5	28.6
% Ch, Annual Rate	0.3	0.4	0.6	0.6	0.7	0.8	0.8	0.6
Nondurable Manufacturing	86.7	86.8	87.0	87.3	87.5	87.7	88.0	88.1
% Ch, Annual Rate	0.8	0.8	0.9	1.1	1.0	1.1	1.0	0.8
Food Manufacturing	38.3	38.4	38.5	38.5	38.6	38.7	38.7	38.8
% Ch, Annual Rate	0.4	0.5	0.6	0.8	0.7	0.7	0.7	0.4
Paper and Paper Products	6.8	6.8	6.8	6.8	6.8	6.7	6.7	6.7
% Ch, Annual Rate	-1.7	-1.6	-1.3	-1.0	-1.0	-0.9	-0.8	-1.2
Other Nondurables	41.5	41.6	41.8	42.0	42.2	42.3	42.5	42.7
% Ch, Annual Rate	1.4	1.5	1.6	1.7	1.6	1.7	1.6	1.4
Natural Resources and Mining	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
% Ch, Annual Rate	0.2	-0.2	-0.1	-0.1	-0.3	-0.3	-0.6	-0.2
Construction	212.5	212.0	211.6	211.1	210.6	210.1	209.6	209.0
% Ch, Annual Rate	-0.8	-0.9	-0.9	-0.9	-0.9	-0.9	-1.0	-1.0
Trade, Transportation, and Utilities	655.5	655.2	654.8	654.4	653.8	653.5	653.2	652.9
% Ch, Annual Rate	-0.3	-0.2	-0.2	-0.2	-0.4	-0.1	-0.2	-0.2
Wholesale Trade	142.1	142.1	142.1	142.0	142.1	142.0	141.9	141.9
% Ch, Annual Rate	0.1	-0.1	0.0	-0.1	0.1	-0.1	-0.2	-0.2
Retail Trade	404.1	404.0	403.7	403.6	403.1	403.1	403.0	402.9
% Ch, Annual Rate	-0.4	-0.1	-0.2	-0.1	-0.5	0.0	-0.1	0.0
Electronic Shopping and Mail-Order	64.7	65.2	65.6	66.1	66.5	66.9	67.3	67.7
% Ch	2.9	2.8	2.7	2.6	2.5	2.4	2.4	2.3
Other Retail Trade	339.3	338.8	338.1	337.6	336.6	336.2	335.7	335.3
% Ch	-1.0	-0.7	-0.8	-0.6	-1.1	-0.5	-0.6	-0.5
Trans., Warehousing, and Utilities	109.3	109.1	109.0	108.8	108.6	108.5	108.3	108.1
% Ch, Annual Rate	-0.4	-0.7	-0.6	-0.7	-0.5	-0.6	-0.7	-0.7
Information	144.6	144.7	144.8	144.8	144.8	144.6	145.1	145.5
% Ch, Annual Rate	1.0	0.4	0.2	0.1	-0.1	-0.3	1.3	1.1
Software Publishers	68.7	69.0	69.4	69.7	70.0	70.4	70.7	71.0
% Ch, Annual Rate	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
Other Publishing Industries	3.7	3.6	3.5	3.4	3.3	3.3	3.2	3.1
% Ch, Annual Rate	-8.0	-8.7	-8.8	-8.7	-8.2	-8.4	-8.5	-8.7
Other Information	72.2	72.1	71.9	71.7	71.4	71.0	71.2	71.4
% Ch, Annual Rate	0.6	-0.6	-1.0	-1.2	-1.7	-2.1	1.1	0.8
Financial Activities	158.6	158.3	157.9	157.4	157.2	156.7	156.3	155.9
% Ch, Annual Rate	-0.5	-0.9	-1.0	-1.0	-0.7	-1.2	-1.1	-1.0
Professional and Business Services	486.4	489.3	492.3	495.3	498.9	501.7	504.1	506.5
% Ch, Annual Rate	2.6	2.4	2.5	2.5	2.9	2.3	1.9	1.9
Education and Health Services	515.1	516.3	517.5	518.6	519.9	520.9	521.8	522.8
% Ch, Annual Rate	1.2	0.9	0.9	0.8	1.0	0.8	0.7	0.7
Leisure and Hospitality	357.5	358.1	358.5	358.9	358.6	358.9	359.1	359.4
% Ch, Annual Rate	0.1	0.6	0.4	0.4	-0.3	0.3	0.3	0.3
Other Services	130.3	130.6	130.9	131.2	131.5	131.7	132.0	132.2
% Ch, Annual Rate	1.1	1.0	1.0	0.9	0.9	0.8	0.7	0.7
Federal Government	76.0	76.1	76.1	76.2	76.2	76.3	76.4	76.4
% Ch, Annual Rate	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3
State and Local Government	543.6	545.6	547.5	549.3	551.0	552.8	554.4	555.9
% Ch, Annual Rate	1.5	1.5	1.4	1.3	1.3	1.2	1.2	1.1

Table A3.1

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

Forecast 2018 to 2023

	2016	2017	2018	2019	2020	2021	2022	2023
Personal Income	16,125.1	16,830.9	17,581.0	18,383.9	19,215.1	20,020.5	20,853.2	21,752.3
% Ch	2.6	4.4	4.5	4.6	4.5	4.2	4.2	4.3
Total Wage and Salary Disbursements	8,080.7	8,453.8	8,855.9	9,257.0	9,677.3	10,103.4	10,553.4	11,031.6
% Ch	2.9	4.6	4.8	4.5	4.5	4.4	4.5	4.5
Nonwage Personal Income	8,044.5	8,377.1	8,725.1	9,126.9	9,537.8	9,917.0	10,299.8	10,720.7
% Ch	2.3	4.1	4.2	4.6	4.5	4.0	3.9	4.1
Supplements to Wages and Salaries	1,875.6	1,953.4	2,022.2	2,102.3	2,199.5	2,295.9	2,392.0	2,489.1
% Ch	1.8	4.1	3.5	4.0	4.6	4.4	4.2	4.1
Proprietor's Income	1,419.3	1,500.9	1,575.1	1,614.2	1,624.7	1,625.2	1,622.5	1,635.0
% Ch	-0.2	5.8	4.9	2.5	0.6	0.0	-0.2	0.8
Farm	37.5	38.9	32.1	33.9	68.1	83.7	74.4	70.6
% Ch	...	...	...	...	...	...	...	...
Nonfarm	1,381.8	1,462.0	1,543.0	1,580.3	1,556.6	1,541.5	1,548.1	1,564.4
% Ch	1.2	5.8	5.5	2.4	-1.5	-1.0	0.4	1.0
Less: Contribution For Govt. Soc. Ins.	1,239.9	1,298.6	1,365.1	1,422.9	1,479.6	1,540.1	1,605.4	1,675.8
% Ch	2.9	4.7	5.1	4.2	4.0	4.1	4.2	4.4
Dividends/Int./Rent	3,211.4	3,361.8	3,512.5	3,696.2	3,898.0	4,077.2	4,270.3	4,474.4
% Ch	2.8	4.7	4.5	5.2	5.5	4.6	4.7	4.8
Transfer Payments	2,778.1	2,859.7	2,980.4	3,137.1	3,295.2	3,458.7	3,620.5	3,798.0
% Ch	3.5	2.9	4.2	5.3	5.0	5.0	4.7	4.9

Table A3.2

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

Forecast 2018 to 2023

	2018:1	2018:2	2018:3	2018:4	2019:1	2019:2	2019:3	2019:4
Personal Income	17,319.2	17,499.8	17,672.4	17,832.7	18,067.6	18,278.6	18,489.4	18,699.9
% Ch, Annual Rate	5.2	4.2	4.0	3.7	5.4	4.8	4.7	4.6
Total Wage and Salary Disbursements	8,710.6	8,806.2	8,906.8	9,000.1	9,101.1	9,206.5	9,308.6	9,411.8
% Ch, Annual Rate	5.8	4.5	4.7	4.3	4.6	4.7	4.5	4.5
Nonwage Personal Income	8,608.5	8,693.7	8,765.6	8,832.6	8,966.5	9,072.2	9,180.8	9,288.2
% Ch, Annual Rate	4.5	4.0	3.3	3.1	6.2	4.8	4.9	4.8
Supplements to Wages and Salaries	1,999.4	2,014.5	2,030.2	2,044.6	2,068.5	2,090.9	2,113.3	2,136.4
% Ch, Annual Rate	3.9	3.0	3.1	2.9	4.8	4.4	4.3	4.4
Proprietor's Income	1,549.9	1,568.5	1,583.7	1,598.2	1,603.5	1,611.1	1,617.3	1,625.1
% Ch, Annual Rate	6.4	4.9	3.9	3.7	1.3	1.9	1.5	1.9
Farm	35.2	37.0	29.7	26.6	27.4	30.1	34.7	43.5
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	1,514.7	1,531.5	1,554.0	1,571.7	1,576.2	1,581.0	1,582.6	1,581.6
% Ch, Annual Rate	6.6	4.5	6.0	4.6	1.1	1.2	0.4	-0.3
Less: Contribution For Govt. Soc. Ins.	1,343.6	1,357.1	1,372.1	1,387.5	1,404.9	1,417.0	1,428.8	1,440.9
% Ch, Annual Rate	8.2	4.1	4.5	4.5	5.1	3.5	3.4	3.4
Dividends/Int./Rent	3,468.8	3,502.0	3,526.2	3,552.9	3,610.2	3,666.7	3,725.6	3,782.3
% Ch, Annual Rate	3.6	3.9	2.8	3.1	6.6	6.4	6.6	6.2
Transfer Payments	2,933.9	2,965.8	2,997.6	3,024.4	3,089.1	3,120.4	3,153.4	3,185.4
% Ch, Annual Rate	6.6	4.4	4.4	3.6	8.8	4.1	4.3	4.1

Table A3.2 (continued)

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

Forecast 2018 to 2023

	2020:1	2020:2	2020:3	2020:4	2021:1	2021:2	2021:3	2021:4
Personal Income	18,927.7	19,126.7	19,308.0	19,497.9	19,718.8	19,919.6	20,120.1	20,323.4
% Ch, Annual Rate	5.0	4.3	3.8	4.0	4.6	4.1	4.1	4.1
Total Wage and Salary Disbursements	9,520.4	9,632.8	9,727.3	9,828.7	9,937.7	10,047.8	10,158.5	10,269.7
% Ch, Annual Rate	4.7	4.8	4.0	4.2	4.5	4.5	4.5	4.5
Nonwage Personal Income	9,407.2	9,493.9	9,580.7	9,669.2	9,781.0	9,871.8	9,961.6	10,053.7
% Ch, Annual Rate	5.2	3.7	3.7	3.7	4.7	3.8	3.7	3.8
Supplements to Wages and Salaries	2,164.0	2,189.4	2,211.0	2,233.7	2,260.6	2,284.2	2,307.8	2,331.1
% Ch, Annual Rate	5.3	4.8	4.0	4.2	4.9	4.3	4.2	4.1
Proprietor's Income	1,627.1	1,623.3	1,623.4	1,624.9	1,626.2	1,625.8	1,624.5	1,624.4
% Ch, Annual Rate	0.5	-0.9	0.0	0.4	0.3	-0.1	-0.3	0.0
Farm	54.8	64.6	73.3	79.8	84.2	85.3	84.0	81.4
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	1,572.3	1,558.7	1,550.1	1,545.1	1,541.9	1,540.5	1,540.5	1,543.1
% Ch, Annual Rate	-2.3	-3.4	-2.2	-1.3	-0.8	-0.4	0.0	0.7
Less: Contribution For Govt. Soc. Ins.	1,460.5	1,474.1	1,485.6	1,498.3	1,518.8	1,532.9	1,547.1	1,561.4
% Ch, Annual Rate	5.5	3.8	3.2	3.4	5.6	3.8	3.8	3.8
Dividends/Int./Rent	3,834.0	3,877.5	3,919.2	3,961.3	4,006.8	4,053.8	4,100.3	4,148.1
% Ch, Annual Rate	5.6	4.6	4.4	4.4	4.7	4.8	4.7	4.7
Transfer Payments	3,242.6	3,277.7	3,312.8	3,347.5	3,406.3	3,440.8	3,476.2	3,511.5
% Ch, Annual Rate	7.4	4.4	4.4	4.3	7.2	4.1	4.2	4.1

Table A3.2 (continued)

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

Forecast 2018 to 2023

	2022:1	2022:2	2022:3	2022:4	2023:1	2023:2	2023:3	2023:4
Personal Income	20,542.9	20,745.0	20,956.6	21,168.3	21,412.4	21,638.6	21,865.2	22,092.8
% Ch, Annual Rate	4.4	4.0	4.1	4.1	4.7	4.3	4.3	4.2
Total Wage and Salary Disbursements	10,381.5	10,494.1	10,610.2	10,727.7	10,848.5	10,970.1	11,092.3	11,215.5
% Ch, Annual Rate	4.4	4.4	4.5	4.5	4.6	4.6	4.5	4.5
Nonwage Personal Income	10,161.4	10,250.9	10,346.5	10,440.6	10,563.9	10,668.5	10,773.0	10,877.3
% Ch, Annual Rate	4.4	3.6	3.8	3.7	4.8	4.0	4.0	3.9
Supplements to Wages and Salaries	2,357.6	2,380.4	2,403.5	2,426.5	2,453.3	2,476.8	2,500.7	2,525.4
% Ch, Annual Rate	4.6	3.9	3.9	3.9	4.5	3.9	3.9	4.0
Proprietor's Income	1,621.3	1,621.2	1,623.1	1,624.3	1,626.4	1,630.7	1,637.2	1,645.7
% Ch, Annual Rate	-0.8	0.0	0.5	0.3	0.5	1.1	1.6	2.1
Farm	78.2	75.2	72.8	71.1	70.1	70.0	70.6	71.7
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	1,543.1	1,545.9	1,550.3	1,553.2	1,556.2	1,560.6	1,566.6	1,574.0
% Ch, Annual Rate	0.0	0.7	1.1	0.7	0.8	1.1	1.5	1.9
Less: Contribution For Govt. Soc. Ins.	1,583.0	1,597.6	1,612.8	1,628.2	1,651.5	1,667.6	1,683.8	1,700.2
% Ch, Annual Rate	5.6	3.8	3.9	3.9	5.9	4.0	3.9	3.9
Dividends/Int./Rent	4,195.6	4,243.4	4,295.4	4,346.6	4,398.9	4,451.0	4,500.4	4,547.2
% Ch, Annual Rate	4.7	4.6	5.0	4.9	4.9	4.8	4.5	4.2
Transfer Payments	3,569.8	3,603.5	3,637.2	3,671.3	3,736.8	3,777.7	3,818.3	3,859.2
% Ch, Annual Rate	6.8	3.8	3.8	3.8	7.3	4.4	4.4	4.3

Table A3.3
Washington Personal Income by Component (Billions of Dollars)
Forecast 2018 to 2023

	2016	2017	2018	2019	2020	2021	2022	2023
Personal Income	404.232	428.765	458.262	481.311	505.447	528.733	552.944	578.747
% Ch	5.1	6.1	6.9	5.0	5.0	4.6	4.6	4.7
Total Wage and Salary Disbursements	203.300	218.077	238.274	250.218	262.606	274.816	287.654	301.220
% Ch	6.1	7.3	9.3	5.0	5.0	4.6	4.7	4.7
Manufacturing	21.729	21.691	22.693	23.335	24.164	25.022	26.113	27.369
% Ch	-0.3	-0.2	4.6	2.8	3.6	3.6	4.4	4.8
Durable Manufacturing	17.316	17.080	17.848	18.302	18.947	19.607	20.445	21.418
% Ch	-1.6	-1.4	4.5	2.5	3.5	3.5	4.3	4.8
Nondurable Manufacturing	4.413	4.611	4.844	5.033	5.216	5.415	5.668	5.952
% Ch	4.8	4.5	5.1	3.9	3.6	3.8	4.7	5.0
Nonmanufacturing	174.575	189.496	208.366	219.347	230.598	241.646	253.079	265.067
% Ch	7.1	8.5	10.0	5.3	5.1	4.8	4.7	4.7
Other Private Wages	1.193	1.232	1.401	1.482	1.544	1.603	1.664	1.726
% Ch	4.1	3.3	13.7	5.8	4.2	3.8	3.8	3.7
Farm Wages	1.700	1.467	1.516	1.622	1.729	1.834	1.944	2.057
% Ch	11.5	-13.7	3.3	6.9	6.6	6.1	6.0	5.8
Military Wages	4.103	4.190	4.299	4.432	4.571	4.711	4.854	5.000
% Ch	0.1	2.1	2.6	3.1	3.1	3.1	3.0	3.0
Nonwage Personal Income	200.932	210.688	219.988	231.093	242.841	253.917	265.290	277.528
% Ch	4.1	4.9	4.4	5.0	5.1	4.6	4.5	4.6
Supplements to Wages and Salaries	46.393	48.687	51.293	53.440	56.043	58.592	61.156	63.760
% Ch	5.6	4.9	5.4	4.2	4.9	4.5	4.4	4.3
Proprietor's Income	32.419	35.590	37.312	37.745	37.624	37.502	37.455	37.704
% Ch	-0.2	9.8	4.8	1.2	-0.3	-0.3	-0.1	0.7
Farm	2.016	1.922	1.636	1.156	1.624	1.882	1.723	1.660
% Ch	...	...	...	...	...	...	...	...
Nonfarm	30.403	33.668	35.676	36.590	36.000	35.620	35.731	36.044
% Ch	3.1	10.7	6.0	2.6	-1.6	-1.1	0.3	0.9
Less: Contribution For Govt. Soc. Ins.	33.509	36.007	38.849	40.502	42.166	43.867	45.695	47.649
% Ch	4.4	7.5	7.9	4.3	4.1	4.0	4.2	4.3
Plus: Residence Adjustment	4.190	4.301	4.464	4.708	4.954	5.204	5.467	5.747
% Ch	7.8	2.7	3.8	5.5	5.2	5.0	5.1	5.1
Dividends/Int./Rent	91.551	96.125	100.876	106.954	113.622	119.577	125.879	132.454
% Ch	3.8	5.0	4.9	6.0	6.2	5.2	5.3	5.2
Transfer Payments	59.888	61.992	64.893	68.748	72.764	76.910	81.027	85.511
% Ch	5.8	3.5	4.7	5.9	5.8	5.7	5.4	5.5
State U.I. Benefits	0.982	0.975	0.959	0.858	1.059	1.332	1.613	1.861
% Ch	1.2	-0.7	-1.7	-10.5	23.4	25.8	21.1	15.4
Other Transfers	58.906	61.016	63.934	67.890	71.706	75.578	79.415	83.650
% Ch	5.9	3.6	4.8	6.2	5.6	5.4	5.1	5.3

Table A3.4

Washington Personal Income by Component (Billions of Dollars)

Forecast 2018 to 2023

	2018:1	2018:2	2018:3	2018:4	2019:1	2019:2	2019:3	2019:4
Personal Income	451.436	454.689	460.982	465.941	472.271	478.296	484.288	490.390
% Ch, Annual Rate	12.2	2.9	5.7	4.4	5.5	5.2	5.1	5.1
Total Wage and Salary Disbursements	234.527	235.753	239.949	242.868	245.730	248.786	251.668	254.687
% Ch, Annual Rate	21.2	2.1	7.3	5.0	4.8	5.1	4.7	4.9
Manufacturing	23.408	22.098	22.479	22.786	23.030	23.243	23.412	23.655
% Ch, Annual Rate	32.1	-20.6	7.1	5.6	4.4	3.7	2.9	4.2
Durable Manufacturing	18.597	17.287	17.632	17.876	18.060	18.232	18.362	18.553
% Ch, Annual Rate	37.6	-25.3	8.2	5.7	4.2	3.9	2.9	4.2
Nondurable Manufacturing	4.810	4.811	4.847	4.910	4.970	5.010	5.050	5.102
% Ch, Annual Rate	13.5	0.0	3.0	5.3	5.0	3.3	3.2	4.2
Nonmanufacturing	204.045	206.469	210.197	212.753	215.275	218.042	220.680	223.393
% Ch, Annual Rate	20.7	4.8	7.4	5.0	4.8	5.2	4.9	5.0
Other Private Wages	1.326	1.408	1.427	1.442	1.458	1.474	1.490	1.505
% Ch, Annual Rate	13.1	27.3	5.3	4.2	4.4	4.7	4.2	4.2
Farm Wages	1.487	1.497	1.528	1.553	1.580	1.609	1.635	1.662
% Ch, Annual Rate	3.4	3.0	8.4	6.8	7.1	7.5	6.8	6.7
Military Wages	4.261	4.281	4.318	4.334	4.387	4.418	4.451	4.472
% Ch, Annual Rate	3.4	1.8	3.5	1.5	5.0	2.8	3.1	1.9
Nonwage Personal Income	216.909	218.936	221.033	223.073	226.542	229.510	232.620	235.703
% Ch, Annual Rate	3.3	3.8	3.9	3.7	6.4	5.3	5.5	5.4
Supplements to Wages and Salaries	50.955	50.861	51.440	51.913	52.552	53.147	53.725	54.336
% Ch, Annual Rate	11.7	-0.7	4.6	3.7	5.0	4.6	4.4	4.6
Proprietor's Income	36.592	37.186	37.560	37.909	37.708	37.710	37.741	37.822
% Ch, Annual Rate	4.0	6.7	4.1	3.8	-2.1	0.0	0.3	0.9
Farm	1.621	1.835	1.612	1.473	1.189	1.096	1.109	1.228
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	34.970	35.350	35.947	36.436	36.519	36.614	36.632	36.595
% Ch, Annual Rate	6.4	4.4	6.9	5.6	0.9	1.0	0.2	-0.4
Less: Contribution For Govt. Soc. Ins.	38.485	38.436	38.988	39.488	39.983	40.337	40.667	41.021
% Ch, Annual Rate	18.2	-0.5	5.9	5.2	5.1	3.6	3.3	3.5
Plus: Residence Adjustment	4.350	4.445	4.503	4.558	4.617	4.679	4.738	4.799
% Ch, Annual Rate	-3.2	9.0	5.4	4.9	5.3	5.4	5.2	5.2
Dividends/Int./Rent	99.548	100.380	101.294	102.284	104.151	105.996	107.909	109.762
% Ch, Annual Rate	3.6	3.4	3.7	4.0	7.5	7.3	7.4	7.0
Transfer Payments	63.950	64.502	65.223	65.896	67.497	68.315	69.174	70.006
% Ch, Annual Rate	4.8	3.5	4.5	4.2	10.1	4.9	5.1	4.9
State U.I. Benefits	1.022	0.979	0.917	0.917	0.866	0.839	0.845	0.881
% Ch, Annual Rate	22.0	-15.7	-23.1	0.0	-20.5	-11.9	2.8	18.2
Other Transfers	62.928	63.522	64.306	64.979	66.631	67.476	68.329	69.125
% Ch, Annual Rate	4.5	3.8	5.0	4.3	10.6	5.2	5.2	4.7

Table A3.4 (continued)

Washington Personal Income by Component (Billions of Dollars)

Forecast 2018 to 2023

	2020:1	2020:2	2020:3	2020:4	2021:1	2021:2	2021:3	2021:4
Personal Income	496.915	503.001	508.164	513.706	520.010	525.803	531.609	537.511
% Ch, Annual Rate	5.4	5.0	4.2	4.4	5.0	4.5	4.5	4.5
Total Wage and Salary Disbursements	257.907	261.440	264.065	267.011	270.158	273.246	276.359	279.502
% Ch, Annual Rate	5.2	5.6	4.1	4.5	4.8	4.7	4.6	4.6
Manufacturing	23.874	24.080	24.260	24.441	24.655	24.888	25.142	25.401
% Ch, Annual Rate	3.8	3.5	3.0	3.0	3.5	3.8	4.1	4.2
Durable Manufacturing	18.721	18.881	19.022	19.165	19.327	19.504	19.698	19.897
% Ch, Annual Rate	3.7	3.5	3.0	3.0	3.4	3.7	4.0	4.1
Nondurable Manufacturing	5.153	5.199	5.238	5.276	5.328	5.384	5.444	5.505
% Ch, Annual Rate	4.0	3.6	3.0	3.0	4.0	4.3	4.6	4.5
Nonmanufacturing	226.297	229.546	231.923	234.627	237.464	240.245	243.027	245.847
% Ch, Annual Rate	5.3	5.9	4.2	4.7	4.9	4.8	4.7	4.7
Other Private Wages	1.521	1.539	1.551	1.565	1.580	1.595	1.611	1.626
% Ch, Annual Rate	4.3	4.7	3.2	3.7	4.0	3.9	3.8	3.8
Farm Wages	1.689	1.719	1.741	1.767	1.794	1.821	1.848	1.875
% Ch, Annual Rate	6.8	7.3	5.2	5.9	6.3	6.1	6.1	6.0
Military Wages	4.525	4.556	4.590	4.611	4.665	4.696	4.731	4.753
% Ch, Annual Rate	4.9	2.7	3.0	1.8	4.7	2.7	3.0	1.8
Nonwage Personal Income	239.008	241.561	244.099	246.695	249.852	252.557	255.250	258.009
% Ch, Annual Rate	5.7	4.3	4.3	4.3	5.2	4.4	4.3	4.4
Supplements to Wages and Salaries	55.088	55.798	56.344	56.943	57.670	58.285	58.899	59.512
% Ch, Annual Rate	5.7	5.3	4.0	4.3	5.2	4.3	4.3	4.2
Proprietor's Income	37.771	37.620	37.558	37.546	37.535	37.510	37.479	37.484
% Ch, Annual Rate	-0.5	-1.6	-0.7	-0.1	-0.1	-0.3	-0.3	0.1
Farm	1.405	1.564	1.708	1.817	1.890	1.909	1.887	1.842
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	36.365	36.056	35.850	35.729	35.645	35.601	35.592	35.642
% Ch, Annual Rate	-2.5	-3.4	-2.3	-1.3	-0.9	-0.5	-0.1	0.6
Less: Contribution For Govt. Soc. Ins.	41.598	42.033	42.337	42.694	43.284	43.670	44.060	44.454
% Ch, Annual Rate	5.7	4.3	2.9	3.4	5.6	3.6	3.6	3.6
Plus: Residence Adjustment	4.862	4.928	4.983	5.043	5.107	5.171	5.236	5.301
% Ch, Annual Rate	5.4	5.5	4.6	4.9	5.2	5.1	5.1	5.1
Dividends/Int./Rent	111.467	112.932	114.336	115.751	117.260	118.808	120.337	121.902
% Ch, Annual Rate	6.4	5.4	5.1	5.0	5.3	5.4	5.2	5.3
Transfer Payments	71.419	72.315	73.215	74.107	75.564	76.453	77.359	78.265
% Ch, Annual Rate	8.3	5.1	5.1	5.0	8.1	4.8	4.8	4.8
State U.I. Benefits	0.942	1.021	1.102	1.170	1.231	1.296	1.365	1.436
% Ch, Annual Rate	30.6	38.1	35.5	27.2	22.5	22.9	23.2	22.5
Other Transfers	70.477	71.294	72.114	72.937	74.333	75.158	75.994	76.828
% Ch, Annual Rate	8.1	4.7	4.7	4.6	7.9	4.5	4.5	4.5

Table A3.4 (continued)

Washington Personal Income by Component (Billions of Dollars)

Forecast 2018 to 2023

	2022:1	2022:2	2022:3	2022:4	2023:1	2023:2	2023:3	2023:4
Personal Income	543.895	549.806	555.964	562.110	569.076	575.511	581.982	588.420
% Ch, Annual Rate	4.8	4.4	4.6	4.5	5.0	4.6	4.6	4.5
Total Wage and Salary Disbursements	282.768	285.979	289.272	292.596	296.080	299.474	302.935	306.389
% Ch, Annual Rate	4.8	4.6	4.7	4.7	4.8	4.7	4.7	4.6
Manufacturing	25.675	25.956	26.255	26.567	26.887	27.211	27.533	27.846
% Ch, Annual Rate	4.4	4.4	4.7	4.8	4.9	4.9	4.8	4.6
Durable Manufacturing	20.107	20.324	20.555	20.796	21.044	21.296	21.544	21.786
% Ch, Annual Rate	4.3	4.4	4.6	4.8	4.9	4.9	4.7	4.6
Nondurable Manufacturing	5.568	5.632	5.700	5.771	5.843	5.916	5.989	6.060
% Ch, Annual Rate	4.7	4.7	4.9	5.1	5.0	5.1	5.1	4.8
Nonmanufacturing	248.742	251.599	254.514	257.461	260.525	263.518	266.576	269.650
% Ch, Annual Rate	4.8	4.7	4.7	4.7	4.8	4.7	4.7	4.7
Other Private Wages	1.641	1.656	1.671	1.687	1.703	1.718	1.734	1.749
% Ch, Annual Rate	3.9	3.7	3.7	3.7	3.9	3.7	3.7	3.6
Farm Wages	1.903	1.930	1.957	1.985	2.014	2.042	2.071	2.100
% Ch, Annual Rate	6.1	5.8	5.9	5.8	6.0	5.7	5.7	5.6
Military Wages	4.807	4.839	4.874	4.896	4.951	4.984	5.020	5.044
% Ch, Annual Rate	4.6	2.7	2.9	1.8	4.6	2.7	2.9	1.9
Nonwage Personal Income	261.127	263.827	266.692	269.514	272.995	276.037	279.047	282.031
% Ch, Annual Rate	4.9	4.2	4.4	4.3	5.3	4.5	4.4	4.3
Supplements to Wages and Salaries	60.241	60.848	61.462	62.073	62.814	63.433	64.071	64.720
% Ch, Annual Rate	5.0	4.1	4.1	4.0	4.9	4.0	4.1	4.1
Proprietor's Income	37.424	37.428	37.472	37.496	37.534	37.618	37.748	37.917
% Ch, Annual Rate	-0.6	0.0	0.5	0.3	0.4	0.9	1.4	1.8
Farm	1.789	1.738	1.697	1.668	1.652	1.650	1.661	1.679
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	35.634	35.689	35.775	35.828	35.882	35.967	36.087	36.238
% Ch, Annual Rate	-0.1	0.6	1.0	0.6	0.6	1.0	1.3	1.7
Less: Contribution For Govt. Soc. Ins.	45.074	45.481	45.900	46.323	46.988	47.424	47.870	48.314
% Ch, Annual Rate	5.7	3.7	3.7	3.7	5.9	3.8	3.8	3.8
Plus: Residence Adjustment	5.366	5.432	5.500	5.569	5.640	5.711	5.783	5.855
% Ch, Annual Rate	5.0	5.0	5.1	5.1	5.2	5.1	5.1	5.1
Dividends/Int./Rent	123.458	125.015	126.696	128.349	130.031	131.703	133.290	134.794
% Ch, Annual Rate	5.2	5.1	5.5	5.3	5.3	5.2	4.9	4.6
Transfer Payments	79.713	80.585	81.462	82.349	83.964	84.997	86.025	87.059
% Ch, Annual Rate	7.6	4.4	4.4	4.4	8.1	5.0	4.9	4.9
State U.I. Benefits	1.507	1.580	1.648	1.715	1.775	1.834	1.893	1.943
% Ch, Annual Rate	21.3	20.8	18.4	17.2	14.8	14.0	13.4	11.1
Other Transfers	78.205	79.005	79.814	80.634	82.189	83.162	84.132	85.116
% Ch, Annual Rate	7.4	4.2	4.2	4.2	7.9	4.8	4.7	4.8