



ECONOMIC FORECAST

Calendar Year Summary Tables

Preliminary
August 30, 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	18,569.3	19,050.3	19,411.1	19,788.8	20,197.8	20,613.0
% Ch	1.6	2.2	2.9	2.6	1.9	1.9	2.1	2.1
Real Consumption	12,248.2	12,558.7	12,879.4	13,199.2	13,457.2	13,732.1	14,025.3	14,329.2
% Ch	2.7	2.5	2.6	2.5	2.0	2.0	2.1	2.2
Real Nonresidential Fixed Investment	2,411.2	2,538.1	2,716.9	2,851.3	2,970.9	3,102.8	3,236.2	3,357.6
% Ch	0.5	5.3	7.0	4.9	4.2	4.4	4.3	3.8
Real Residential Fixed Investment	591.3	611.1	612.9	623.1	651.5	677.5	696.8	708.8
% Ch	6.5	3.3	0.3	1.7	4.6	4.0	2.9	1.7
Real Personal Income	15,469.7	15,866.8	16,226.2	16,629.3	17,035.5	17,435.3	17,880.0	18,335.0
% Ch	1.5	2.6	2.3	2.5	2.4	2.3	2.6	2.5
Real Per Capita Income (\$/Person)	47,752	48,630	49,381	50,241	51,106	51,941	52,900	53,879
% Ch	0.8	1.8	1.5	1.7	1.7	1.6	1.8	1.9
Price and Wage Indexes								
PCE Price Index (2012=100)	104.2	106.1	108.3	110.5	112.7	114.8	116.8	118.8
% Ch	1.1	1.8	2.1	2.0	2.0	1.8	1.8	1.8
U.S. Consumer Price Index (1982-84=1.0)	2.400	2.451	2.515	2.569	2.624	2.675	2.725	2.777
% Ch	1.3	2.1	2.6	2.2	2.1	1.9	1.9	1.9
Employment Cost Index (Dec. 2005=1.0)	1.262	1.295	1.337	1.385	1.433	1.485	1.541	1.599
% Ch	2.4	2.6	3.3	3.6	3.4	3.6	3.8	3.8
Current Dollar National Income (Billions of Dollars)								
Gross Domestic Product	18,707.2	19,485.4	20,507.0	21,517.9	22,428.2	23,364.4	24,354.7	25,376.6
% Ch	2.7	4.2	5.2	4.9	4.2	4.2	4.2	4.2
Personal Income	16,125.1	16,830.9	17,578.9	18,379.9	19,200.0	20,009.5	20,879.6	21,791.6
% Ch	2.6	4.4	4.4	4.6	4.5	4.2	4.3	4.4
Employment (Millions)								
U.S. Civilian Labor Force	159.2	160.3	162.1	163.7	165.3	166.5	167.5	168.6
Total U.S. Employment	151.4	153.3	155.8	157.9	159.3	160.2	161.2	162.0
Unemployment Rate (%)	4.87	4.35	3.86	3.52	3.64	3.77	3.82	3.88
Nonfarm Payroll Employment	144.35	146.62	149.03	151.16	152.60	153.55	154.58	155.51
% Ch	1.8	1.6	1.6	1.4	1.0	0.6	0.7	0.6
Manufacturing	12.35	12.44	12.74	12.93	12.93	12.92	12.91	12.92
% Ch	0.1	0.7	2.3	1.5	0.0	-0.1	-0.1	0.1
Durable Manufacturing	7.71	7.74	7.97	8.14	8.15	8.16	8.17	8.20
% Ch	-0.7	0.3	3.0	2.1	0.2	0.1	0.1	0.4
Nondurable Manufacturing	4.64	4.71	4.77	4.80	4.78	4.76	4.74	4.72
% Ch	1.5	1.4	1.3	0.6	-0.3	-0.4	-0.5	-0.5
Construction	6.73	6.95	7.23	7.48	7.88	8.29	8.60	8.85
% Ch	4.1	3.4	4.0	3.5	5.3	5.2	3.8	2.9
Service-Providing	124.60	126.55	128.33	130.00	131.03	131.57	132.29	132.96
% Ch	2.0	1.6	1.4	1.3	0.8	0.4	0.5	0.5
Miscellaneous Indicators								
Oil-WTI (\$ per barrel)	43.2	51.0	67.4	66.9	63.2	60.3	58.3	57.1
Personal Saving/Disposable Income (%)	6.7	6.7	6.7	6.6	7.0	7.1	7.3	7.4
Auto Sales (Millions)	6.9	6.1	5.2	4.9	4.9	4.9	4.9	5.1
% Ch	-8.6	-11.5	-14.6	-5.2	-1.0	0.2	1.2	2.7
Housing Starts (Millions)	1.177	1.208	1.292	1.367	1.439	1.466	1.484	1.481
% Ch	6.4	2.6	6.9	5.8	5.3	1.9	1.2	-0.2
Federal Budget Surplus (Billions)	-665.1	-695.4	-979.3	-1,088.2	-1,187.9	-1,237.1	-1,260.8	-1,268.8
Net Exports (Billions)	-520.6	-578.4	-617.8	-693.3	-717.8	-717.9	-710.3	-682.9
3-Month Treasury Bill Rate (%)	0.32	0.93	1.97	2.75	3.14	3.16	3.14	3.01
10-Year Treasury Note Yield (%)	1.84	2.33	2.95	3.32	3.49	3.48	3.44	3.40
Bond Index of 20 G.O. Munis. (%)	3.27	3.67	3.90	4.23	4.37	4.38	4.34	4.27
30-Year Fixed Mortgage Rate (%)	3.65	3.99	4.56	4.98	5.18	5.15	5.12	5.07

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	18,507.2	18,657.3	18,788.8	18,896.8	19,005.2	19,104.6	19,194.8
% Ch , Annual Rate	2.2	4.1	3.3	2.8	2.3	2.3	2.1	1.9
Real Consumption	12,722.8	12,847.8	12,932.4	13,014.6	13,094.2	13,169.3	13,236.8	13,296.5
% Ch , Annual Rate	0.5	4.0	2.7	2.6	2.5	2.3	2.1	1.8
Real Nonresidential Fixed Investment	2,654.0	2,701.5	2,735.8	2,776.5	2,804.1	2,834.6	2,867.4	2,899.1
% Ch , Annual Rate	11.5	7.3	5.2	6.1	4.0	4.4	4.7	4.5
Real Residential Fixed Investment	615.3	613.7	611.5	611.3	612.0	617.3	626.6	636.5
% Ch , Annual Rate	-3.4	-1.1	-1.4	-0.1	0.4	3.5	6.2	6.5
Real Personal Income	16,107.0	16,203.8	16,262.1	16,332.0	16,470.8	16,576.5	16,683.9	16,785.9
% Ch , Annual Rate	2.6	2.4	1.4	1.7	3.4	2.6	2.6	2.5
Real Per Capita Income (\$/Person)	49,156	49,364	49,440	49,564	49,896	50,126	50,362	50,580
% Ch , Annual Rate	2.0	1.7	0.6	1.0	2.7	1.9	1.9	1.7
Price and Wage Indexes								
PCE Price Index (2012=100)	107.5	108.0	108.6	109.2	109.7	110.3	110.8	111.3
% Ch , Annual Rate	2.5	1.8	2.2	2.2	2.0	1.9	1.9	2.0
U.S. Consumer Price Index (1982-84=1.0)	2.494	2.505	2.522	2.538	2.551	2.563	2.575	2.588
% Ch , Annual Rate	3.5	1.7	2.7	2.6	2.1	1.9	1.9	2.1
Employment Cost Index (Dec. 2005=1.0)	1.320	1.328	1.345	1.357	1.368	1.380	1.391	1.403
% Ch , Annual Rate	4.0	2.4	5.2	3.7	3.4	3.3	3.3	3.4
Current Dollar National Income (Billions of Dollars)								
Gross Domestic Product	20,041.0	20,402.5	20,659.0	20,925.4	21,159.3	21,401.6	21,639.4	21,871.3
% Ch , Annual Rate	4.3	7.4	5.1	5.3	4.5	4.7	4.5	4.4
Personal Income	17,318.9	17,502.6	17,660.1	17,834.2	18,073.2	18,276.7	18,482.1	18,687.4
% Ch , Annual Rate	5.1	4.3	3.6	4.0	5.5	4.6	4.6	4.5
Employment (Millions)								
U.S. Civilian Labor Force	161.6	161.7	162.3	162.7	163.1	163.5	163.9	164.3
Total U.S. Employment	154.9	155.4	156.1	156.8	157.3	157.7	158.1	158.5
Unemployment Rate (%)	4.10	3.90	3.79	3.63	3.55	3.51	3.50	3.53
Nonfarm Payroll Employment	148.07	148.69	149.37	149.99	150.51	150.98	151.40	151.75
% Ch , Annual Rate	1.7	1.7	1.8	1.7	1.4	1.3	1.1	0.9
Manufacturing	12.61	12.68	12.78	12.88	12.93	12.94	12.91	12.95
% Ch , Annual Rate	2.7	2.5	3.1	3.2	1.5	0.3	-0.7	1.1
Durable Manufacturing	7.86	7.92	8.00	8.09	8.13	8.14	8.12	8.15
% Ch , Annual Rate	3.6	3.2	4.1	4.4	1.7	0.8	-0.9	1.5
Nondurable Manufacturing	4.74	4.76	4.77	4.79	4.80	4.80	4.79	4.80
% Ch , Annual Rate	1.2	1.2	1.3	1.3	1.1	-0.6	-0.4	0.4
Construction	7.14	7.20	7.26	7.31	7.37	7.43	7.51	7.61
% Ch , Annual Rate	6.6	3.4	3.1	3.1	3.1	3.3	4.4	5.4
Service-Providing	127.61	128.07	128.60	129.07	129.47	129.86	130.22	130.44
% Ch , Annual Rate	1.3	1.5	1.7	1.5	1.3	1.2	1.1	0.7
Miscellaneous Indicators								
Oil-WTI (\$ per barrel)	62.9	68.0	69.5	69.2	68.3	67.4	66.4	65.5
Personal Saving/Disposable Income (%)	7.2	6.8	6.5	6.2	6.5	6.5	6.7	6.8
Auto Sales (Millions)	5.4	5.3	5.0	5.0	5.0	4.9	4.9	4.9
% Ch , Annual Rate	-32.0	-9.3	-21.2	1.2	-4.9	-0.8	-2.7	-2.3
Housing Starts (Millions)	1.317	1.262	1.287	1.301	1.325	1.354	1.382	1.407
% Ch , Annual Rate	19.6	-15.7	8.2	4.4	7.7	9.0	8.4	7.5
Federal Budget Surplus (Billions)	-970.1	-967.0	-983.1	-997.2	-1,057.2	-1,077.3	-1,097.4	-1,120.9
Net Exports (Billions)	-639.2	-552.4	-619.0	-660.6	-685.5	-696.3	-696.0	-695.5
3-Month Treasury Bill Rate (%)	1.56	1.84	2.10	2.37	2.50	2.66	2.84	3.00
10-Year Treasury Note Yield (%)	2.76	2.92	3.00	3.11	3.21	3.29	3.36	3.41
Bond Index of 20 G.O. Munis. (%)	3.73	3.89	3.94	4.06	4.15	4.21	4.26	4.30
30-Year Fixed Mortgage Rate (%)	4.27	4.54	4.65	4.77	4.86	4.94	5.02	5.09

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	19,282.5	19,374.5	19,450.2	19,537.1	19,637.5	19,738.6	19,838.4	19,940.7
% Ch , Annual Rate	1.8	1.9	1.6	1.8	2.1	2.1	2.0	2.1
Real Consumption	13,360.5	13,424.6	13,487.9	13,555.7	13,624.3	13,696.1	13,767.5	13,840.6
% Ch , Annual Rate	1.9	1.9	1.9	2.0	2.0	2.1	2.1	2.1
Real Nonresidential Fixed Investment	2,928.8	2,954.0	2,985.1	3,015.7	3,051.1	3,085.8	3,119.9	3,154.3
% Ch , Annual Rate	4.2	3.5	4.3	4.2	4.8	4.6	4.5	4.5
Real Residential Fixed Investment	642.9	647.8	653.3	662.2	669.6	674.6	679.6	686.0
% Ch , Annual Rate	4.0	3.1	3.4	5.6	4.6	3.0	2.9	3.8
Real Personal Income	16,897.1	16,999.6	17,078.2	17,167.1	17,273.4	17,380.3	17,488.2	17,599.3
% Ch , Annual Rate	2.7	2.4	1.9	2.1	2.5	2.5	2.5	2.6
Real Per Capita Income (\$/Person)	50,825	51,043	51,189	51,366	51,593	51,822	52,054	52,294
% Ch , Annual Rate	2.0	1.7	1.1	1.4	1.8	1.8	1.8	1.9
Price and Wage Indexes								
PCE Price Index (2012=100)	111.9	112.4	113.0	113.5	114.0	114.5	115.0	115.5
% Ch , Annual Rate	2.0	2.0	2.0	1.9	1.8	1.7	1.8	1.7
U.S. Consumer Price Index (1982-84=1.0)	2.603	2.617	2.631	2.644	2.656	2.668	2.681	2.693
% Ch , Annual Rate	2.3	2.2	2.2	2.0	1.8	1.8	1.9	1.9
Employment Cost Index (Dec. 2005=1.0)	1.414	1.427	1.439	1.452	1.465	1.478	1.492	1.505
% Ch , Annual Rate	3.4	3.5	3.5	3.6	3.7	3.7	3.7	3.7
Current Dollar National Income (Billions of Dollars)								
Gross Domestic Product	22,093.3	22,321.8	22,535.4	22,762.2	23,001.3	23,242.2	23,484.2	23,729.8
% Ch , Annual Rate	4.1	4.2	3.9	4.1	4.3	4.3	4.2	4.2
Personal Income	18,904.1	19,111.8	19,296.1	19,488.2	19,694.6	19,901.7	20,112.9	20,328.6
% Ch , Annual Rate	4.7	4.5	3.9	4.0	4.3	4.3	4.3	4.4
Employment (Millions)								
U.S. Civilian Labor Force	164.7	165.4	165.5	165.7	166.0	166.3	166.6	166.9
Total U.S. Employment	158.8	159.4	159.4	159.6	159.8	160.1	160.3	160.6
Unemployment Rate (%)	3.56	3.62	3.68	3.72	3.75	3.77	3.78	3.79
Nonfarm Payroll Employment	152.12	152.66	152.74	152.89	153.15	153.42	153.68	153.94
% Ch , Annual Rate	1.0	1.4	0.2	0.4	0.7	0.7	0.7	0.7
Manufacturing	12.95	12.94	12.92	12.91	12.91	12.92	12.93	12.93
% Ch , Annual Rate	0.1	-0.2	-0.7	-0.3	0.0	0.2	0.3	0.0
Durable Manufacturing	8.16	8.16	8.15	8.14	8.14	8.15	8.17	8.17
% Ch , Annual Rate	0.3	-0.1	-0.6	-0.2	0.1	0.5	0.7	0.3
Nondurable Manufacturing	4.79	4.79	4.78	4.77	4.77	4.77	4.76	4.76
% Ch , Annual Rate	-0.3	-0.4	-0.9	-0.5	-0.1	-0.1	-0.3	-0.6
Construction	7.72	7.82	7.93	8.04	8.15	8.25	8.33	8.42
% Ch , Annual Rate	5.8	5.6	5.5	5.8	5.5	4.8	4.2	4.1
Service-Providing	130.69	131.14	131.13	131.18	131.33	131.49	131.65	131.82
% Ch , Annual Rate	0.8	1.4	0.0	0.2	0.5	0.5	0.5	0.5
Miscellaneous Indicators								
Oil-WTI (\$ per barrel)	64.5	63.6	62.7	62.0	61.3	60.6	60.0	59.4
Personal Saving/Disposable Income (%)	7.0	7.1	7.0	7.0	7.1	7.1	7.2	7.2
Auto Sales (Millions)	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
% Ch , Annual Rate	-2.1	1.5	0.9	-0.9	-0.7	0.1	1.6	1.9
Housing Starts (Millions)	1.423	1.432	1.447	1.455	1.460	1.462	1.469	1.476
% Ch , Annual Rate	4.7	2.4	4.4	2.2	1.3	0.5	2.0	1.8
Federal Budget Surplus (Billions)	-1,154.9	-1,187.1	-1,198.3	-1,211.2	-1,224.4	-1,233.8	-1,241.1	-1,249.1
Net Exports (Billions)	-708.4	-715.2	-721.1	-726.6	-724.0	-719.3	-715.3	-712.9
3-Month Treasury Bill Rate (%)	3.01	3.19	3.18	3.17	3.17	3.16	3.15	3.15
10-Year Treasury Note Yield (%)	3.46	3.50	3.50	3.48	3.48	3.48	3.48	3.47
Bond Index of 20 G.O. Munis. (%)	4.35	4.38	4.39	4.38	4.38	4.39	4.39	4.38
30-Year Fixed Mortgage Rate (%)	5.15	5.20	5.20	5.18	5.16	5.15	5.15	5.14

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	20,039.3	20,143.7	20,252.1	20,356.2	20,465.5	20,568.4	20,663.9	20,754.3
% Ch , Annual Rate	2.0	2.1	2.2	2.1	2.2	2.0	1.9	1.8
Real Consumption	13,912.6	13,986.9	14,062.9	14,139.0	14,216.8	14,293.6	14,367.8	14,438.4
% Ch , Annual Rate	2.1	2.2	2.2	2.2	2.2	2.2	2.1	2.0
Real Nonresidential Fixed Investment	3,186.3	3,219.5	3,253.4	3,285.6	3,318.3	3,347.2	3,372.0	3,392.9
% Ch , Annual Rate	4.1	4.2	4.3	4.0	4.0	3.5	3.0	2.5
Real Residential Fixed Investment	690.8	695.0	699.2	702.4	706.1	709.0	709.8	710.2
% Ch , Annual Rate	2.8	2.5	2.4	1.8	2.1	1.7	0.4	0.2
Real Personal Income	17,715.8	17,824.7	17,934.9	18,044.6	18,172.7	18,284.1	18,390.2	18,492.9
% Ch , Annual Rate	2.7	2.5	2.5	2.5	2.9	2.5	2.3	2.3
Real Per Capita Income (\$/Person)	52,549	52,781	53,017	53,251	53,538	53,775	53,996	54,207
% Ch , Annual Rate	2.0	1.8	1.8	1.8	2.2	1.8	1.7	1.6
Price and Wage Indexes								
PCE Price Index (2012=100)	116.0	116.5	117.0	117.5	118.1	118.6	119.1	119.6
% Ch , Annual Rate	1.8	1.7	1.8	1.8	1.8	1.8	1.8	1.8
U.S. Consumer Price Index (1982-84=1.0)	2.706	2.718	2.731	2.744	2.757	2.770	2.783	2.797
% Ch , Annual Rate	1.9	1.8	2.0	1.9	1.9	1.9	1.9	2.0
Employment Cost Index (Dec. 2005=1.0)	1.520	1.534	1.548	1.563	1.577	1.592	1.607	1.621
% Ch , Annual Rate	3.8	3.8	3.7	3.8	3.8	3.8	3.8	3.7
Current Dollar National Income (Billions of Dollars)								
Gross Domestic Product	23,973.5	24,224.4	24,484.0	24,737.0	24,997.1	25,254.1	25,504.2	25,751.1
% Ch , Annual Rate	4.2	4.3	4.4	4.2	4.3	4.2	4.0	3.9
Personal Income	20,552.4	20,767.0	20,989.2	21,209.8	21,453.9	21,681.4	21,904.5	22,126.7
% Ch , Annual Rate	4.5	4.2	4.3	4.3	4.7	4.3	4.2	4.1
Employment (Millions)								
U.S. Civilian Labor Force	167.2	167.4	167.7	167.9	168.2	168.4	168.7	168.9
Total U.S. Employment	160.8	161.0	161.3	161.5	161.7	161.9	162.1	162.3
Unemployment Rate (%)	3.80	3.81	3.82	3.83	3.84	3.86	3.89	3.93
Nonfarm Payroll Employment	154.20	154.45	154.71	154.97	155.22	155.44	155.62	155.77
% Ch , Annual Rate	0.7	0.7	0.7	0.7	0.6	0.6	0.5	0.4
Manufacturing	12.92	12.91	12.91	12.91	12.91	12.92	12.93	12.92
% Ch , Annual Rate	-0.2	-0.3	-0.2	0.0	0.1	0.3	0.2	-0.1
Durable Manufacturing	8.17	8.17	8.17	8.17	8.18	8.20	8.21	8.22
% Ch , Annual Rate	-0.1	-0.2	0.0	0.3	0.5	0.7	0.7	0.2
Nondurable Manufacturing	4.75	4.74	4.74	4.73	4.73	4.72	4.72	4.71
% Ch , Annual Rate	-0.5	-0.6	-0.5	-0.4	-0.4	-0.4	-0.5	-0.7
Construction	8.49	8.57	8.64	8.70	8.77	8.83	8.88	8.93
% Ch , Annual Rate	3.8	3.5	3.4	3.1	3.0	2.8	2.5	2.1
Service-Providing	132.00	132.19	132.39	132.58	132.75	132.91	133.03	133.13
% Ch , Annual Rate	0.6	0.6	0.6	0.6	0.5	0.5	0.4	0.3
Miscellaneous Indicators								
Oil-WTI (\$ per barrel)	58.9	58.5	58.1	57.8	57.4	57.2	57.0	56.8
Personal Saving/Disposable Income (%)	7.2	7.3	7.3	7.3	7.4	7.4	7.4	7.5
Auto Sales (Millions)	4.9	4.9	4.9	5.0	5.0	5.0	5.1	5.1
% Ch , Annual Rate	1.5	0.3	0.4	1.8	3.0	3.8	4.9	3.2
Housing Starts (Millions)	1.481	1.485	1.484	1.484	1.484	1.483	1.481	1.477
% Ch , Annual Rate	1.5	1.1	-0.1	-0.1	0.0	-0.1	-0.7	-1.1
Federal Budget Surplus (Billions)	-1,260.5	-1,261.5	-1,261.5	-1,259.5	-1,267.7	-1,266.9	-1,266.7	-1,273.7
Net Exports (Billions)	-712.6	-712.0	-710.6	-705.8	-696.6	-686.9	-677.8	-670.1
3-Month Treasury Bill Rate (%)	3.15	3.14	3.14	3.14	3.14	3.11	2.90	2.89
10-Year Treasury Note Yield (%)	3.46	3.45	3.44	3.43	3.42	3.40	3.39	3.38
Bond Index of 20 G.O. Munis. (%)	4.36	4.34	4.33	4.31	4.30	4.28	4.26	4.25
30-Year Fixed Mortgage Rate (%)	5.13	5.13	5.12	5.11	5.10	5.08	5.06	5.05

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	381.614	395.916	413.355	425.619	438.326	450.609	463.972	477.583
% Ch	3.6	3.7	4.4	3.0	3.0	2.8	3.0	2.9
Real Wage and Salary Disb.	195.342	206.200	219.796	225.481	232.362	239.368	246.952	254.720
% Ch	5.0	5.6	6.6	2.6	3.1	3.0	3.2	3.1
Real Nonwage Income	186.272	189.717	193.559	200.137	205.964	211.241	217.020	222.863
% Ch	2.1	1.8	2.0	3.4	2.9	2.6	2.7	2.7
Real Per Capita Income (\$/Person)	52,409	53,453	54,889	55,634	56,468	57,303	58,316	59,386
% Ch	1.8	2.0	2.7	1.4	1.5	1.5	1.8	1.8
Price and Wage Indexes								
U.S. Implicit Price Deflator, PCE (2012=1.0)	1.042	1.061	1.083	1.105	1.127	1.148	1.168	1.188
% Ch	1.1	1.8	2.1	2.0	2.0	1.8	1.8	1.8
Seattle Cons. Price Index (1982-84=1.0)	2.550	2.627	2.715	2.781	2.844	2.904	2.964	3.025
% Ch	2.3	3.0	3.3	2.5	2.3	2.1	2.0	2.1
Average Nonfarm Annual Wage	60,556	63,619	67,371	69,060	71,556	74,377	77,402	80,675
% Ch	3.0	5.1	5.9	2.5	3.6	3.9	4.1	4.2
Avg. Hourly Earnings-Mfg. (\$/Hour)	26.42	27.38	28.38	29.31	30.24	31.25	32.35	33.50
% Ch	3.5	3.6	3.7	3.3	3.1	3.4	3.5	3.5
Current Dollar Income (Billions of Dollars)								
Personal Income	397.772	419.962	447.809	470.428	494.024	517.140	541.812	567.624
% Ch	4.7	5.6	6.6	5.1	5.0	4.7	4.8	4.8
Disposable Personal Income	349.564	369.195	395.349	415.382	436.321	456.171	476.825	498.647
% Ch	4.9	5.6	7.1	5.1	5.0	4.5	4.5	4.6
Per Capita Income (\$/Person)	54,627	56,698	59,463	61,490	63,642	65,762	68,098	70,581
% Ch	2.9	3.8	4.9	3.4	3.5	3.3	3.6	3.6
Employment (Thousands)								
Washington Civilian Labor Force	3,635.7	3,723.3	3,770.3	3,836.4	3,908.2	3,964.7	4,014.5	4,059.1
Total Washington Employment	3,444.0	3,546.3	3,596.6	3,675.0	3,742.5	3,793.8	3,841.5	3,882.5
Unemployment Rate (%)	5.28	4.76	4.61	4.21	4.24	4.31	4.31	4.35
Nonfarm Payroll Employment	3,244.5	3,322.4	3,421.0	3,493.7	3,544.4	3,577.9	3,610.3	3,637.5
% Ch	3.1	2.4	3.0	2.1	1.4	0.9	0.9	0.8
Manufacturing	290.0	283.8	286.8	291.4	292.7	294.3	296.8	299.5
% Ch	-0.7	-2.1	1.1	1.6	0.5	0.5	0.9	0.9
Durable Manufacturing	207.6	200.1	201.0	204.6	205.7	206.8	209.0	211.2
% Ch	-1.7	-3.6	0.4	1.8	0.5	0.6	1.0	1.1
Aerospace	91.0	84.1	83.2	84.0	84.0	84.0	84.0	84.0
% Ch	-3.2	-7.6	-1.0	1.0	0.0	0.0	0.0	0.0
Nondurable Manufacturing	82.4	83.7	85.8	86.8	87.0	87.4	87.8	88.3
% Ch	2.1	1.5	2.5	1.1	0.3	0.4	0.4	0.5
Construction	186.6	199.7	211.1	213.3	214.6	214.1	213.4	212.0
% Ch	7.7	7.0	5.7	1.1	0.6	-0.2	-0.3	-0.7
Service-Providing	2,761.6	2,832.8	2,916.7	2,982.5	3,030.3	3,062.7	3,093.2	3,119.2
% Ch	3.2	2.6	3.0	2.3	1.6	1.1	1.0	0.8
Software Publishers	58.9	61.3	64.6	65.8	66.7	67.8	69.1	70.3
% Ch	5.3	4.1	5.3	1.8	1.3	1.7	1.8	1.9
Electronic Shopping and Mail-Order	38.2	49.7	57.6	62.7	66.0	68.5	70.5	72.3
% Ch	26.6	30.1	15.9	8.9	5.2	3.8	3.0	2.5
Housing Indicators (Thousands)								
Housing Units Authorized by Bldg. Permit	44.077	45.794	43.891	43.927	44.297	43.369	42.252	41.170
% Ch	9.2	3.9	-4.2	0.1	0.8	-2.1	-2.6	-2.6
Single-Family	22.463	23.115	23.618	24.729	25.993	26.325	26.530	26.364
% Ch	13.5	2.9	2.2	4.7	5.1	1.3	0.8	-0.6
Multi-Family	21.614	22.679	20.273	19.199	18.305	17.044	15.722	14.805
% Ch	5.0	4.9	-10.6	-5.3	-4.7	-6.9	-7.8	-5.8
30-Year Fixed Mortgage Rate (%)	3.65	3.99	4.56	4.98	5.18	5.15	5.12	5.07

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	410.933	411.461	414.387	416.639	420.650	424.001	427.316	430.507
% Ch, Annual Rate	10.4	0.5	2.9	2.2	3.9	3.2	3.2	3.0
Real Wage and Salary Disb.	219.133	218.239	220.190	221.620	223.001	224.672	226.313	227.938
% Ch, Annual Rate	20.1	-1.6	3.6	2.6	2.5	3.0	3.0	2.9
Real Nonwage Income	191.799	193.221	194.197	195.018	197.649	199.329	201.002	202.568
% Ch, Annual Rate	0.4	3.0	2.0	1.7	5.5	3.4	3.4	3.2
Real Per Capita Income (\$/Person)	54,900	54,756	54,911	54,991	55,303	55,528	55,750	55,956
% Ch, Annual Rate	8.6	-1.1	1.1	0.6	2.3	1.6	1.6	1.5
Price and Wage Indexes								
U.S. Implicit Price Deflator, PCE (2012=1.0)	1.075	1.080	1.086	1.092	1.097	1.103	1.108	1.113
% Ch, Annual Rate	2.5	1.8	2.2	2.2	2.0	1.9	1.9	2.0
Seattle Cons. Price Index (1982-84=1.0)	2.689	2.703	2.723	2.742	2.759	2.774	2.788	2.804
% Ch, Annual Rate	4.2	2.1	3.0	2.8	2.4	2.2	2.1	2.2
Average Nonfarm Annual Wage	67,346	66,927	67,372	67,838	68,245	68,766	69,316	69,911
% Ch, Annual Rate	18.4	-2.5	2.7	2.8	2.4	3.1	3.2	3.5
Avg. Hourly Earnings-Mfg. (\$/Hour)	27.90	28.35	28.52	28.77	28.99	29.20	29.42	29.65
% Ch, Annual Rate	0.5	6.5	2.6	3.5	3.1	3.0	3.0	3.1
Current Dollar Income (Billions of Dollars)								
Personal Income	441.835	444.429	450.011	454.961	461.575	467.490	473.372	479.274
% Ch, Annual Rate	13.1	2.4	5.1	4.5	5.9	5.2	5.1	5.1
Disposable Personal Income	390.048	392.470	397.353	401.526	407.517	412.770	418.002	423.239
% Ch, Annual Rate	15.1	2.5	5.1	4.3	6.1	5.3	5.2	5.1
Per Capita Income (\$/Person)	59,029	59,143	59,631	60,049	60,683	61,224	61,758	62,295
% Ch, Annual Rate	11.3	0.8	3.3	2.8	4.3	3.6	3.5	3.5
Employment (Thousands)								
Washington Civilian Labor Force	3,759.5	3,760.4	3,771.6	3,789.7	3,808.3	3,827.3	3,845.9	3,864.1
Total Washington Employment	3,581.6	3,582.6	3,598.8	3,623.2	3,645.3	3,666.3	3,685.3	3,702.9
Unemployment Rate (%)	4.73	4.73	4.58	4.39	4.28	4.21	4.17	4.17
Nonfarm Payroll Employment	3,385.9	3,408.8	3,435.5	3,453.8	3,470.9	3,487.4	3,501.8	3,514.9
% Ch, Annual Rate	4.4	2.7	3.2	2.1	2.0	1.9	1.7	1.5
Manufacturing	284.1	285.5	287.9	289.7	290.9	291.3	291.2	292.1
% Ch, Annual Rate	2.8	1.9	3.5	2.5	1.7	0.6	0.0	1.2
Durable Manufacturing	198.8	199.9	201.9	203.3	204.2	204.5	204.5	205.1
% Ch, Annual Rate	1.6	2.3	4.1	2.8	1.6	0.8	-0.1	1.2
Aerospace	81.9	82.7	84.0	84.0	84.0	84.0	84.0	84.0
% Ch, Annual Rate	2.2	3.9	6.5	0.0	0.0	0.0	0.0	0.0
Nondurable Manufacturing	85.3	85.5	86.0	86.3	86.7	86.7	86.7	87.0
% Ch, Annual Rate	5.6	1.0	2.0	1.7	1.7	0.0	0.1	1.0
Construction	208.8	211.6	211.7	212.3	212.8	213.3	213.4	213.9
% Ch, Annual Rate	8.7	5.5	0.3	1.0	0.9	1.0	0.1	1.1
Service-Providing	2,886.8	2,905.3	2,929.5	2,945.4	2,960.8	2,976.3	2,990.7	3,002.3
% Ch, Annual Rate	4.3	2.6	3.4	2.2	2.1	2.1	1.9	1.6
Software Publishers	63.2	64.6	65.2	65.4	65.6	65.7	65.9	66.1
% Ch, Annual Rate	6.1	9.2	3.8	1.2	0.9	1.0	0.8	1.1
Electronic Shopping and Mail-Order	54.8	56.6	58.9	60.1	61.2	62.3	63.2	64.1
% Ch, Annual Rate	10.0	13.7	17.1	8.6	7.7	6.9	6.2	5.6
Housing Indicators (Thousands)								
Housing Units Authorized by Bldg. Permit	49.173	43.245	40.131	43.015	43.398	43.835	44.130	44.347
% Ch, Annual Rate	-18.1	-40.2	-25.8	32.0	3.6	4.1	2.7	2.0
Single-Family	24.952	23.013	22.952	23.554	24.028	24.509	24.966	25.411
% Ch, Annual Rate	4.2	-27.6	-1.0	10.9	8.3	8.2	7.7	7.3
Multi-Family	24.221	20.233	17.178	19.461	19.369	19.326	19.163	18.937
% Ch, Annual Rate	-35.2	-51.3	-48.0	64.7	-1.9	-0.9	-3.3	-4.6
30-Year Fixed Mortgage Rate (%)	4.27	4.54	4.65	4.77	4.86	4.94	5.02	5.09

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	433.883	437.239	439.660	442.522	445.746	448.956	452.208	455.525
% Ch, Annual Rate	3.2	3.1	2.2	2.6	2.9	2.9	2.9	3.0
Real Wage and Salary Disb.	229.724	231.799	233.125	234.798	236.644	238.435	240.268	242.126
% Ch, Annual Rate	3.2	3.7	2.3	2.9	3.2	3.1	3.1	3.1
Real Nonwage Income	204.159	205.440	206.535	207.723	209.103	210.521	211.940	213.399
% Ch, Annual Rate	3.2	2.5	2.2	2.3	2.7	2.7	2.7	2.8
Real Per Capita Income (\$/Person)	56,190	56,423	56,541	56,719	56,948	57,179	57,418	57,666
% Ch, Annual Rate	1.7	1.7	0.8	1.3	1.6	1.6	1.7	1.7
Price and Wage Indexes								
U.S. Implicit Price Deflator, PCE (2012=1.0)	1.119	1.124	1.130	1.135	1.140	1.145	1.150	1.155
% Ch, Annual Rate	2.0	2.0	2.0	1.9	1.8	1.7	1.8	1.7
Seattle Cons. Price Index (1982-84=1.0)	2.820	2.836	2.852	2.868	2.882	2.897	2.911	2.926
% Ch, Annual Rate	2.4	2.3	2.3	2.2	2.0	2.0	2.1	2.0
Average Nonfarm Annual Wage	70,562	71,197	71,874	72,592	73,302	74,007	74,731	75,469
% Ch, Annual Rate	3.8	3.6	3.9	4.1	4.0	3.9	4.0	4.0
Avg. Hourly Earnings-Mfg. (\$/Hour)	29.88	30.11	30.35	30.60	30.86	31.12	31.39	31.65
% Ch, Annual Rate	3.1	3.2	3.2	3.3	3.4	3.4	3.5	3.5
Current Dollar Income (Billions of Dollars)								
Personal Income	485.419	491.568	496.756	502.353	508.227	514.089	520.079	526.167
% Ch, Annual Rate	5.2	5.2	4.3	4.6	4.8	4.7	4.7	4.8
Disposable Personal Income	428.729	434.169	438.752	443.633	448.628	453.627	458.672	463.758
% Ch, Annual Rate	5.3	5.2	4.3	4.5	4.6	4.5	4.5	4.5
Per Capita Income (\$/Person)	62,864	63,434	63,884	64,388	64,931	65,474	66,035	66,609
% Ch, Annual Rate	3.7	3.7	2.9	3.2	3.4	3.4	3.5	3.5
Employment (Thousands)								
Washington Civilian Labor Force	3,882.1	3,904.3	3,916.1	3,930.3	3,944.6	3,958.3	3,971.5	3,984.3
Total Washington Employment	3,719.6	3,739.6	3,749.2	3,761.7	3,774.9	3,787.7	3,800.2	3,812.6
Unemployment Rate (%)	4.19	4.22	4.26	4.29	4.30	4.31	4.31	4.31
Nonfarm Payroll Employment	3,526.8	3,544.7	3,549.3	3,556.7	3,565.1	3,573.6	3,582.1	3,590.6
% Ch, Annual Rate	1.4	2.0	0.5	0.8	1.0	0.9	1.0	1.0
Manufacturing	292.5	292.7	292.8	293.0	293.4	293.9	294.6	295.2
% Ch, Annual Rate	0.6	0.4	0.1	0.2	0.6	0.7	0.9	0.9
Durable Manufacturing	205.4	205.7	205.8	205.9	206.1	206.5	207.1	207.6
% Ch, Annual Rate	0.6	0.4	0.2	0.2	0.5	0.7	1.1	1.1
Aerospace	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
% Ch, Annual Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nondurable Manufacturing	87.0	87.1	87.0	87.1	87.2	87.4	87.5	87.6
% Ch, Annual Rate	0.3	0.2	-0.2	0.2	0.7	0.7	0.6	0.4
Construction	214.0	214.8	214.9	214.7	214.3	214.1	214.0	214.1
% Ch, Annual Rate	0.1	1.6	0.0	-0.3	-0.7	-0.5	-0.1	0.1
Service-Providing	3,013.7	3,030.4	3,034.9	3,042.3	3,050.7	3,058.8	3,066.7	3,074.6
% Ch, Annual Rate	1.5	2.2	0.6	1.0	1.1	1.1	1.0	1.0
Software Publishers	66.3	66.5	66.8	67.1	67.4	67.7	68.0	68.3
% Ch, Annual Rate	1.4	1.5	1.7	1.6	1.7	1.7	1.8	1.8
Electronic Shopping and Mail-Order	64.9	65.7	66.4	67.0	67.6	68.2	68.8	69.3
% 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	44.455	44.419	44.283	44.032	43.798	43.529	43.211	42.938
% Ch, Annual Rate	1.0	-0.3	-1.2	-2.2	-2.1	-2.4	-2.9	-2.5
Single-Family	25.706	25.925	26.113	26.227	26.224	26.245	26.367	26.462
% Ch, Annual Rate	4.7	3.4	2.9	1.8	0.0	0.3	1.9	1.5
Multi-Family	18.749	18.495	18.170	17.805	17.574	17.284	16.844	16.476
% Ch, Annual Rate	-3.9	-5.3	-6.8	-7.8	-5.1	-6.4	-9.8	-8.5
30-Year Fixed Mortgage Rate (%)	5.15	5.20	5.20	5.18	5.16	5.15	5.15	5.14

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	459.045	462.324	465.627	468.894	472.664	476.051	479.266	482.350
% Ch, Annual Rate	3.1	2.9	2.9	2.8	3.3	2.9	2.7	2.6
Real Wage and Salary Disb.	244.092	246.001	247.904	249.811	251.829	253.811	255.719	257.520
% Ch, Annual Rate	3.3	3.2	3.1	3.1	3.3	3.2	3.0	2.8
Real Nonwage Income	214.953	216.322	217.723	219.083	220.835	222.240	223.547	224.830
% Ch, Annual Rate	2.9	2.6	2.6	2.5	3.2	2.6	2.4	2.3
Real Per Capita Income (\$/Person)	57,942	58,189	58,441	58,690	59,003	59,270	59,518	59,751
% Ch, Annual Rate	1.9	1.7	1.7	1.7	2.2	1.8	1.7	1.6
Price and Wage Indexes								
U.S. Implicit Price Deflator, PCE (2012=1.0)	1.160	1.165	1.170	1.175	1.181	1.186	1.191	1.196
% Ch, Annual Rate	1.8	1.7	1.8	1.8	1.8	1.8	1.8	1.8
Seattle Cons. Price Index (1982-84=1.0)	2.941	2.956	2.971	2.986	3.001	3.017	3.032	3.048
% Ch, Annual Rate	2.0	2.0	2.1	2.0	2.1	2.1	2.1	2.1
Average Nonfarm Annual Wage	76,234	77,000	77,789	78,584	79,411	80,252	81,097	81,940
% Ch, Annual Rate	4.1	4.1	4.2	4.2	4.3	4.3	4.3	4.2
Avg. Hourly Earnings-Mfg. (\$/Hour)	31.93	32.21	32.49	32.78	33.07	33.35	33.64	33.93
% Ch, Annual Rate	3.6	3.6	3.5	3.6	3.6	3.5	3.5	3.5
Current Dollar Income (Billions of Dollars)								
Personal Income	532.546	538.640	544.922	551.141	558.007	564.504	570.854	577.131
% Ch, Annual Rate	4.9	4.7	4.7	4.6	5.1	4.7	4.6	4.5
Disposable Personal Income	469.092	474.151	479.415	484.643	490.503	495.997	501.369	506.720
% Ch, Annual Rate	4.7	4.4	4.5	4.4	4.9	4.6	4.4	4.3
Per Capita Income (\$/Person)	67,220	67,795	68,393	68,985	69,657	70,283	70,892	71,492
% Ch, Annual Rate	3.7	3.5	3.6	3.5	4.0	3.6	3.5	3.4
Employment (Thousands)								
Washington Civilian Labor Force	3,996.8	4,008.8	4,020.6	4,032.0	4,043.1	4,054.0	4,064.6	4,074.7
Total Washington Employment	3,824.5	3,836.0	3,847.3	3,858.1	3,868.4	3,878.4	3,887.4	3,895.7
Unemployment Rate (%)	4.31	4.31	4.31	4.31	4.32	4.33	4.36	4.40
Nonfarm Payroll Employment	3,598.8	3,606.6	3,614.2	3,621.5	3,628.3	3,635.1	3,640.8	3,645.7
% Ch, Annual Rate	0.9	0.9	0.8	0.8	0.8	0.7	0.6	0.5
Manufacturing	295.8	296.4	297.1	297.8	298.5	299.2	299.8	300.3
% Ch, Annual Rate	0.9	0.8	0.9	1.0	1.0	1.0	0.8	0.6
Durable Manufacturing	208.1	208.7	209.2	209.8	210.4	211.0	211.5	211.9
% Ch, Annual Rate	1.1	1.0	1.1	1.1	1.1	1.2	0.9	0.7
Aerospace	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
% Ch, Annual Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nondurable Manufacturing	87.7	87.7	87.8	88.0	88.1	88.2	88.3	88.4
% Ch, Annual Rate	0.4	0.3	0.4	0.5	0.6	0.6	0.5	0.3
Construction	213.9	213.6	213.3	213.0	212.6	212.2	211.8	211.3
% Ch, Annual Rate	-0.4	-0.5	-0.6	-0.6	-0.6	-0.7	-0.8	-0.9
Service-Providing	3,082.3	3,089.8	3,097.0	3,103.9	3,110.3	3,116.7	3,122.3	3,127.3
% Ch, Annual Rate	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.6
Software Publishers	68.6	68.9	69.2	69.5	69.9	70.2	70.5	70.8
% Ch, Annual Rate	1.9	1.8	1.8	1.8	1.9	1.9	1.9	1.9
Electronic Shopping and Mail-Order	69.8	70.3	70.7	71.2	71.6	72.1	72.5	72.9
% Ch, Annual Rate	2.9	2.8	2.7	2.6	2.5	2.4	2.4	2.3
Housing Indicators (Thousands)								
Housing Units Authorized by Bldg. Permit	42.670	42.417	42.102	41.819	41.559	41.321	41.050	40.747
% Ch, Annual Rate	-2.5	-2.3	-2.9	-2.7	-2.5	-2.3	-2.6	-2.9
Single-Family	26.526	26.569	26.534	26.492	26.442	26.399	26.342	26.274
% Ch, Annual Rate	1.0	0.7	-0.5	-0.6	-0.8	-0.6	-0.9	-1.0
Multi-Family	16.144	15.848	15.569	15.327	15.117	14.923	14.708	14.474
% Ch, Annual Rate	-7.8	-7.1	-6.9	-6.1	-5.4	-5.1	-5.6	-6.2
30-Year Fixed Mortgage Rate (%)	5.13	5.13	5.12	5.11	5.10	5.08	5.06	5.05

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	149.03	151.16	152.60	153.55	154.58	155.51
% Ch	1.8	1.6	1.6	1.4	1.0	0.6	0.7	0.6
Manufacturing	12.35	12.44	12.74	12.93	12.93	12.92	12.91	12.92
% Ch	0.1	0.7	2.3	1.5	0.0	-0.1	-0.1	0.1
Durable Manufacturing	7.71	7.74	7.97	8.14	8.15	8.16	8.17	8.20
% Ch	-0.7	0.3	3.0	2.1	0.2	0.1	0.1	0.4
Wood Products	0.39	0.40	0.41	0.42	0.43	0.45	0.47	0.48
% Ch	2.7	1.1	2.5	2.4	3.3	4.0	4.2	3.4
Primary and Fabricated Metals	1.80	1.80	1.88	1.93	1.94	1.93	1.94	1.99
% Ch	-3.0	0.4	4.1	3.0	0.5	-0.8	0.8	2.4
Computer and Electronic Products	1.05	1.04	1.07	1.09	1.08	1.10	1.12	1.12
% Ch	-0.5	-0.5	2.7	1.5	-0.2	1.4	1.5	0.2
Machinery and Electrical Equipment	1.46	1.47	1.53	1.57	1.59	1.59	1.61	1.63
% Ch	-3.0	0.6	4.4	2.7	1.1	0.2	1.1	1.3
Transportation Equipment	1.63	1.63	1.67	1.71	1.69	1.68	1.62	1.56
% Ch	1.6	0.1	2.6	1.9	-1.2	-0.6	-3.4	-3.6
Other Durables	1.39	1.40	1.41	1.42	1.42	1.42	1.42	1.42
% Ch	1.3	0.7	1.0	0.7	-0.2	-0.1	0.1	0.4
Nondurable Manufacturing	4.64	4.71	4.77	4.80	4.78	4.76	4.74	4.72
% Ch	1.5	1.4	1.3	0.6	-0.3	-0.4	-0.5	-0.5
Food Manufacturing	1.56	1.60	1.64	1.68	1.69	1.70	1.71	1.73
% Ch	3.0	3.0	2.3	2.2	0.8	0.7	0.7	0.9
Paper and Paper Products	0.37	0.37	0.37	0.37	0.37	0.36	0.36	0.36
% Ch	-0.6	-0.5	1.4	-0.9	-1.2	-1.0	-0.8	-0.7
Other Nondurables	2.71	2.73	2.75	2.75	2.72	2.70	2.67	2.63
% Ch	1.0	0.8	0.7	-0.1	-0.9	-0.9	-1.2	-1.3
Natural Resources and Mining	0.67	0.68	0.73	0.75	0.76	0.77	0.78	0.78
% Ch	-17.8	1.5	7.3	2.8	1.4	1.5	1.0	0.5
Construction	6.73	6.95	7.23	7.48	7.88	8.29	8.60	8.85
% Ch	4.1	3.4	4.0	3.5	5.3	5.2	3.8	2.9
Trade, Transportation, and Utilities	27.26	27.49	27.79	28.01	27.90	27.74	27.61	27.49
% Ch	1.4	0.8	1.1	0.8	-0.4	-0.6	-0.5	-0.4
Wholesale Trade	5.86	5.90	5.98	6.06	6.09	6.11	6.13	6.15
% Ch	0.1	0.7	1.2	1.4	0.5	0.3	0.3	0.3
Retail Trade	15.83	15.86	15.94	16.00	15.88	15.72	15.59	15.48
% Ch	1.4	0.2	0.5	0.4	-0.8	-1.0	-0.8	-0.7
Trans., Warehousing, and Utilities	5.57	5.72	5.87	5.94	5.93	5.90	5.88	5.86
% Ch	2.7	2.8	2.6	1.2	-0.3	-0.4	-0.3	-0.3
Information	2.79	2.79	2.77	2.78	2.82	2.90	2.92	2.93
% Ch	1.6	0.0	-0.9	0.5	1.4	2.7	0.8	0.3
Publishing Industries	0.73	0.72	0.71	0.69	0.66	0.65	0.64	0.63
% Ch	0.5	-1.0	-1.5	-3.8	-3.4	-2.0	-1.3	-1.1
Other Information	2.06	2.07	2.06	2.10	2.16	2.25	2.28	2.30
% Ch	1.9	0.3	-0.7	2.1	3.0	4.1	1.4	0.7
Financial Activities	8.29	8.45	8.56	8.66	8.73	8.73	8.72	8.71
% Ch	2.0	2.0	1.3	1.2	0.7	0.1	-0.1	-0.1
Professional and Business Services	20.05	20.47	21.00	21.88	22.64	23.12	23.68	24.21
% Ch	2.1	2.1	2.6	4.2	3.5	2.1	2.4	2.3
Education and Health Services	22.64	23.19	23.64	23.92	23.95	24.00	24.08	24.16
% Ch	2.8	2.4	2.0	1.2	0.1	0.2	0.3	0.3
Leisure and Hospitality	15.66	16.06	16.36	16.49	16.56	16.65	16.72	16.75
% Ch	3.3	2.6	1.9	0.8	0.4	0.5	0.4	0.2
Other Services	5.69	5.78	5.87	5.85	5.77	5.72	5.68	5.66
% Ch	1.2	1.5	1.6	-0.3	-1.5	-0.9	-0.5	-0.5
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	0.1	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	148.69	149.37	149.99	150.51	150.98	151.40	151.75
% Ch, Annual Rate	1.7	1.7	1.8	1.7	1.4	1.3	1.1	0.9
Manufacturing	12.61	12.68	12.78	12.88	12.93	12.94	12.91	12.95
% Ch, Annual Rate	2.7	2.5	3.1	3.2	1.5	0.3	-0.7	1.1
Durable Manufacturing	7.86	7.92	8.00	8.09	8.13	8.14	8.12	8.15
% Ch, Annual Rate	3.6	3.2	4.1	4.4	1.7	0.8	-0.9	1.5
Wood Products	0.40	0.41	0.41	0.41	0.41	0.41	0.42	0.42
% Ch, Annual Rate	5.3	3.2	1.1	5.5	2.0	0.6	0.7	5.8
Primary and Fabricated Metals	1.85	1.86	1.88	1.91	1.92	1.93	1.93	1.95
% Ch, Annual Rate	4.7	3.9	3.7	7.1	2.0	1.9	-0.1	2.8
Computer and Electronic Products	1.06	1.07	1.07	1.08	1.09	1.09	1.08	1.08
% Ch, Annual Rate	2.3	2.9	3.0	4.0	1.9	-0.6	-1.4	-0.3
Machinery and Electrical Equipment	1.50	1.52	1.54	1.56	1.57	1.57	1.57	1.58
% Ch, Annual Rate	4.7	5.8	5.5	3.3	3.2	0.9	-0.5	2.8
Transportation Equipment	1.65	1.66	1.69	1.71	1.71	1.71	1.70	1.70
% Ch, Annual Rate	2.8	2.6	7.2	5.4	-0.1	0.9	-1.9	-0.6
Other Durables	1.41	1.41	1.41	1.42	1.42	1.42	1.42	1.42
% Ch, Annual Rate	2.4	0.6	1.4	0.8	1.5	0.2	-1.4	1.2
Nondurable Manufacturing	4.74	4.76	4.77	4.79	4.80	4.80	4.79	4.80
% Ch, Annual Rate	1.2	1.2	1.3	1.3	1.1	-0.6	-0.4	0.4
Food Manufacturing	1.63	1.64	1.64	1.65	1.67	1.67	1.68	1.68
% Ch, Annual Rate	2.4	1.8	1.8	3.1	3.7	1.0	0.9	1.6
Paper and Paper Products	0.37	0.37	0.38	0.37	0.37	0.37	0.37	0.37
% Ch, Annual Rate	2.5	2.1	1.5	-0.6	-1.4	-2.4	-2.0	-0.4
Other Nondurables	2.74	2.75	2.76	2.76	2.76	2.75	2.74	2.74
% Ch, Annual Rate	0.5	0.7	1.0	0.5	-0.1	-1.3	-0.9	-0.3
Natural Resources and Mining	0.71	0.73	0.73	0.73	0.74	0.75	0.75	0.76
% Ch, Annual Rate	11.0	11.5	0.7	-3.0	5.0	5.5	2.2	1.7
Construction	7.14	7.20	7.26	7.31	7.37	7.43	7.51	7.61
% Ch, Annual Rate	6.6	3.4	3.1	3.1	3.1	3.3	4.4	5.4
Trade, Transportation, and Utilities	27.69	27.76	27.83	27.91	27.99	28.00	28.03	28.01
% Ch, Annual Rate	1.5	1.0	1.0	1.2	1.2	0.1	0.4	-0.2
Wholesale Trade	5.95	5.96	5.99	6.01	6.03	6.05	6.07	6.09
% Ch, Annual Rate	1.5	0.2	2.3	1.0	1.8	1.2	1.4	0.8
Retail Trade	15.91	15.94	15.95	15.98	16.02	16.00	16.01	15.98
% Ch, Annual Rate	1.0	0.8	0.3	0.9	0.8	-0.3	0.1	-0.7
Trans., Warehousing, and Utilities	5.82	5.86	5.88	5.92	5.94	5.94	5.95	5.95
% Ch, Annual Rate	3.0	2.7	1.5	2.3	1.4	0.3	0.4	0.0
Information	2.76	2.77	2.77	2.77	2.76	2.78	2.79	2.80
% Ch, Annual Rate	-2.7	1.0	0.8	-0.6	-1.9	3.9	1.7	0.8
Publishing Industries	0.72	0.71	0.71	0.71	0.70	0.69	0.68	0.67
% Ch, Annual Rate	-1.7	-0.5	-0.8	-3.6	-4.9	-4.6	-5.2	-4.2
Other Information	2.05	2.05	2.06	2.06	2.06	2.09	2.11	2.13
% Ch, Annual Rate	-3.0	1.5	1.3	0.5	-0.8	6.9	4.0	2.5
Financial Activities	8.54	8.57	8.57	8.58	8.63	8.65	8.68	8.70
% Ch, Annual Rate	1.5	1.4	0.4	0.4	2.4	0.7	1.4	0.9
Professional and Business Services	20.77	20.92	21.08	21.23	21.47	21.77	22.05	22.24
% Ch, Annual Rate	2.3	3.0	3.1	2.9	4.5	5.8	5.1	3.5
Education and Health Services	23.46	23.57	23.71	23.82	23.86	23.93	23.94	23.95
% Ch, Annual Rate	2.0	1.9	2.4	1.8	0.7	1.2	0.2	0.1
Leisure and Hospitality	16.24	16.29	16.41	16.51	16.52	16.49	16.48	16.48
% Ch, Annual Rate	1.5	1.2	3.0	2.3	0.3	-0.6	-0.2	-0.2
Other Services	5.83	5.86	5.88	5.90	5.89	5.86	5.84	5.82
% Ch, Annual Rate	1.1	2.2	1.2	1.4	-0.9	-1.7	-1.2	-1.9
Federal Government	2.79	2.79	2.80	2.80	2.80	2.80	2.80	2.80
% Ch, Annual Rate	-1.2	-0.4	0.9	0.0	0.0	0.0	0.0	0.0
State and Local Government	19.53	19.54	19.54	19.55	19.56	19.58	19.61	19.65
% Ch, Annual Rate	0.0	0.3	0.1	0.2	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	152.12	152.66	152.74	152.89	153.15	153.42	153.68	153.94
% Ch, Annual Rate	1.0	1.4	0.2	0.4	0.7	0.7	0.7	0.7
Manufacturing	12.95	12.94	12.92	12.91	12.91	12.92	12.93	12.93
% Ch, Annual Rate	0.1	-0.2	-0.7	-0.3	0.0	0.2	0.3	0.0
Durable Manufacturing	8.16	8.16	8.15	8.14	8.14	8.15	8.17	8.17
% Ch, Annual Rate	0.3	-0.1	-0.6	-0.2	0.1	0.5	0.7	0.3
Wood Products	0.43	0.43	0.43	0.44	0.44	0.44	0.45	0.46
% Ch, Annual Rate	3.9	3.3	2.5	3.3	4.0	5.0	5.4	4.0
Primary and Fabricated Metals	1.95	1.95	1.94	1.93	1.93	1.93	1.93	1.93
% Ch, Annual Rate	0.9	-0.4	-1.4	-1.4	-1.0	-0.6	-0.1	0.4
Computer and Electronic Products	1.08	1.08	1.08	1.09	1.09	1.10	1.10	1.11
% Ch, Annual Rate	-0.1	0.0	0.7	1.0	1.5	1.7	2.2	1.9
Machinery and Electrical Equipment	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.60
% Ch, Annual Rate	1.8	0.7	-0.1	-0.2	-0.1	0.1	1.0	1.3
Transportation Equipment	1.69	1.69	1.68	1.68	1.68	1.68	1.68	1.67
% Ch, Annual Rate	-2.0	-1.2	-1.4	-0.4	-0.3	0.2	-0.7	-2.7
Other Durables	1.42	1.42	1.42	1.41	1.41	1.42	1.42	1.42
% Ch, Annual Rate	0.1	-0.5	-0.9	-0.3	0.0	0.2	0.3	0.1
Nondurable Manufacturing	4.79	4.79	4.78	4.77	4.77	4.77	4.76	4.76
% Ch, Annual Rate	-0.3	-0.4	-0.9	-0.5	-0.1	-0.1	-0.3	-0.6
Food Manufacturing	1.69	1.69	1.69	1.69	1.70	1.70	1.70	1.71
% Ch, Annual Rate	1.0	0.3	-0.2	0.3	1.1	1.0	1.1	0.6
Paper and Paper Products	0.37	0.37	0.37	0.36	0.36	0.36	0.36	0.36
% Ch, Annual Rate	-1.0	-1.0	-1.6	-1.1	-0.7	-0.8	-0.9	-0.9
Other Nondurables	2.73	2.73	2.72	2.71	2.71	2.70	2.70	2.69
% Ch, Annual Rate	-1.0	-0.8	-1.2	-0.9	-0.8	-0.8	-1.0	-1.2
Natural Resources and Mining	0.76	0.76	0.76	0.76	0.76	0.77	0.77	0.78
% Ch, Annual Rate	0.5	0.9	1.2	0.2	1.1	3.4	1.7	1.7
Construction	7.72	7.82	7.93	8.04	8.15	8.25	8.33	8.42
% Ch, Annual Rate	5.8	5.6	5.5	5.8	5.5	4.8	4.2	4.1
Trade, Transportation, and Utilities	27.97	27.90	27.88	27.83	27.79	27.75	27.72	27.69
% Ch, Annual Rate	-0.7	-0.9	-0.3	-0.8	-0.6	-0.6	-0.4	-0.5
Wholesale Trade	6.09	6.09	6.10	6.10	6.11	6.11	6.11	6.12
% Ch, Annual Rate	0.2	0.0	0.5	0.2	0.5	0.3	0.2	0.2
Retail Trade	15.94	15.89	15.87	15.81	15.77	15.73	15.71	15.68
% Ch, Annual Rate	-1.0	-1.3	-0.5	-1.3	-1.1	-1.0	-0.7	-0.7
Trans., Warehousing, and Utilities	5.94	5.93	5.92	5.92	5.91	5.91	5.90	5.89
% Ch, Annual Rate	-0.6	-0.8	-0.3	-0.6	-0.3	-0.4	-0.4	-0.5
Information	2.81	2.81	2.82	2.85	2.88	2.89	2.91	2.92
% Ch, Annual Rate	1.3	-0.4	2.6	4.4	3.1	2.6	1.8	1.2
Publishing Industries	0.67	0.66	0.66	0.66	0.65	0.65	0.65	0.64
% Ch, Annual Rate	-3.2	-2.6	-2.0	-2.3	-2.0	-1.8	-1.5	-1.3
Other Information	2.14	2.14	2.16	2.20	2.22	2.24	2.26	2.27
% Ch, Annual Rate	2.7	0.2	4.0	6.5	4.7	3.9	2.8	1.9
Financial Activities	8.72	8.72	8.73	8.74	8.74	8.73	8.73	8.72
% Ch, Annual Rate	0.9	0.1	0.5	0.5	0.1	-0.4	-0.2	-0.1
Professional and Business Services	22.44	22.59	22.71	22.82	22.94	23.06	23.17	23.30
% Ch, Annual Rate	3.7	2.8	2.2	1.9	2.2	2.1	1.9	2.2
Education and Health Services	23.95	23.94	23.95	23.96	23.99	24.00	24.01	24.02
% Ch, Annual Rate	-0.1	-0.1	0.2	0.2	0.5	0.2	0.1	0.2
Leisure and Hospitality	16.48	16.53	16.61	16.63	16.61	16.64	16.67	16.70
% Ch, Annual Rate	0.2	1.1	2.0	0.4	-0.5	0.7	0.8	0.7
Other Services	5.80	5.77	5.76	5.74	5.73	5.72	5.71	5.70
% Ch, Annual Rate	-1.5	-1.8	-0.8	-1.0	-0.7	-0.9	-0.8	-0.7
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	19.82	19.86	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	154.20	154.45	154.71	154.97	155.22	155.44	155.62	155.77
% Ch, Annual Rate	0.7	0.7	0.7	0.7	0.6	0.6	0.5	0.4
Manufacturing	12.92	12.91	12.91	12.91	12.91	12.92	12.93	12.92
% Ch, Annual Rate	-0.2	-0.3	-0.2	0.0	0.1	0.3	0.2	-0.1
Durable Manufacturing	8.17	8.17	8.17	8.17	8.18	8.20	8.21	8.22
% Ch, Annual Rate	-0.1	-0.2	0.0	0.3	0.5	0.7	0.7	0.2
Wood Products	0.46	0.46	0.47	0.47	0.48	0.48	0.48	0.49
% Ch, Annual Rate	4.6	3.4	3.2	3.8	3.9	4.0	2.4	1.6
Primary and Fabricated Metals	1.93	1.94	1.95	1.96	1.97	1.98	2.00	2.00
% Ch, Annual Rate	0.7	1.2	1.7	2.3	2.8	2.9	2.4	1.7
Computer and Electronic Products	1.11	1.11	1.12	1.12	1.12	1.12	1.12	1.12
% Ch, Annual Rate	1.6	1.2	1.1	0.4	-0.2	-0.2	-0.2	-0.4
Machinery and Electrical Equipment	1.60	1.61	1.61	1.62	1.62	1.63	1.64	1.64
% Ch, Annual Rate	1.2	1.1	1.0	1.3	1.6	1.6	1.2	0.8
Transportation Equipment	1.65	1.63	1.61	1.59	1.57	1.56	1.56	1.55
% Ch, Annual Rate	-4.2	-4.9	-4.8	-4.3	-3.8	-3.1	-1.5	-2.4
Other Durables	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42
% Ch, Annual Rate	-0.4	0.0	0.5	0.6	0.4	0.4	0.2	0.0
Nondurable Manufacturing	4.75	4.74	4.74	4.73	4.73	4.72	4.72	4.71
% Ch, Annual Rate	-0.5	-0.6	-0.5	-0.4	-0.4	-0.4	-0.5	-0.7
Food Manufacturing	1.71	1.71	1.71	1.72	1.72	1.73	1.73	1.74
% Ch, Annual Rate	0.6	0.6	0.8	0.9	1.0	1.0	1.0	0.8
Paper and Paper Products	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36
% Ch, Annual Rate	-0.7	-0.9	-0.8	-0.7	-0.6	-0.6	-0.7	-0.9
Other Nondurables	2.68	2.67	2.66	2.65	2.65	2.64	2.63	2.62
% Ch, Annual Rate	-1.2	-1.3	-1.3	-1.3	-1.3	-1.3	-1.5	-1.6
Natural Resources and Mining	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78
% Ch, Annual Rate	1.4	-0.9	0.8	0.8	0.6	0.1	0.5	0.9
Construction	8.49	8.57	8.64	8.70	8.77	8.83	8.88	8.93
% Ch, Annual Rate	3.8	3.5	3.4	3.1	3.0	2.8	2.5	2.1
Trade, Transportation, and Utilities	27.65	27.62	27.59	27.57	27.53	27.51	27.48	27.46
% Ch, Annual Rate	-0.6	-0.4	-0.4	-0.3	-0.5	-0.3	-0.3	-0.4
Wholesale Trade	6.12	6.13	6.14	6.14	6.15	6.15	6.15	6.16
% Ch, Annual Rate	0.5	0.3	0.4	0.4	0.6	0.2	0.1	0.0
Retail Trade	15.63	15.61	15.58	15.55	15.51	15.49	15.47	15.45
% Ch, Annual Rate	-1.1	-0.7	-0.8	-0.7	-1.1	-0.5	-0.5	-0.5
Trans., Warehousing, and Utilities	5.89	5.88	5.88	5.88	5.87	5.87	5.86	5.85
% Ch, Annual Rate	-0.1	-0.4	-0.3	-0.3	-0.1	-0.4	-0.5	-0.5
Information	2.92	2.92	2.92	2.92	2.91	2.93	2.94	2.95
% Ch, Annual Rate	1.1	-0.1	-0.3	-0.6	-0.9	2.3	1.8	1.4
Publishing Industries	0.64	0.64	0.64	0.64	0.64	0.63	0.63	0.63
% Ch, Annual Rate	-0.9	-1.3	-1.3	-1.2	-0.9	-1.0	-0.9	-0.9
Other Information	2.28	2.28	2.28	2.28	2.27	2.29	2.31	2.32
% Ch, Annual Rate	1.6	0.3	-0.1	-0.4	-0.9	3.2	2.5	2.0
Financial Activities	8.73	8.72	8.72	8.72	8.72	8.71	8.70	8.70
% Ch, Annual Rate	0.1	-0.2	-0.2	-0.1	0.2	-0.4	-0.3	-0.2
Professional and Business Services	23.45	23.60	23.75	23.90	24.07	24.18	24.27	24.33
% Ch, Annual Rate	2.7	2.5	2.7	2.5	2.9	1.9	1.4	1.1
Education and Health Services	24.05	24.07	24.09	24.11	24.14	24.15	24.17	24.18
% Ch, Annual Rate	0.5	0.3	0.4	0.3	0.6	0.2	0.2	0.2
Leisure and Hospitality	16.69	16.72	16.73	16.75	16.73	16.74	16.75	16.77
% Ch, Annual Rate	-0.2	0.5	0.4	0.4	-0.5	0.3	0.3	0.3
Other Services	5.70	5.69	5.68	5.67	5.67	5.66	5.65	5.64
% Ch, Annual Rate	-0.2	-0.4	-0.5	-0.6	-0.4	-0.6	-0.6	-0.5
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	20.15	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	3,421.0	3,493.7	3,544.4	3,577.9	3,610.3	3,637.5
% Ch	3.1	2.4	3.0	2.1	1.4	0.9	0.9	0.8
Manufacturing	290.0	283.8	286.8	291.4	292.7	294.3	296.8	299.5
% Ch	-0.7	-2.1	1.1	1.6	0.5	0.5	0.9	0.9
Durable Manufacturing	207.6	200.1	201.0	204.6	205.7	206.8	209.0	211.2
% Ch	-1.7	-3.6	0.4	1.8	0.5	0.6	1.0	1.1
Wood Products	13.1	12.9	13.2	13.1	13.2	13.4	13.6	13.7
% Ch	-1.6	-1.1	2.0	-0.4	0.7	1.3	1.5	0.9
Primary and Fabricated Metals	25.2	25.0	25.6	26.1	26.2	25.9	26.1	26.7
% Ch	-2.0	-0.7	2.2	2.1	0.3	-1.1	0.7	2.4
Computer and Electronic Products	20.1	19.6	20.1	20.7	20.9	21.6	22.4	22.7
% Ch	0.7	-2.5	2.7	3.3	0.8	3.2	3.6	1.4
Machinery and Electrical Equipment	20.5	20.6	21.0	22.1	23.1	23.7	24.7	25.9
% Ch	-1.2	0.7	1.5	5.6	4.2	3.0	4.2	4.6
Aerospace	91.0	84.1	83.2	84.0	84.0	84.0	84.0	84.0
% Ch	-3.2	-7.6	-1.0	1.0	0.0	0.0	0.0	0.0
Other Transportation Equip.	10.1	10.2	9.8	9.7	9.3	9.0	8.7	8.5
% Ch	-0.9	0.2	-3.7	-1.2	-4.1	-3.1	-2.7	-2.4
Other Durables	27.6	27.7	28.2	28.8	29.0	29.2	29.4	29.7
% Ch	1.2	0.5	1.7	1.9	0.8	0.6	0.8	0.8
Nondurable Manufacturing	82.4	83.7	85.8	86.8	87.0	87.4	87.8	88.3
% Ch	2.1	1.5	2.5	1.1	0.3	0.4	0.4	0.5
Food Manufacturing	37.5	38.0	39.3	39.9	39.9	39.8	39.8	39.8
% Ch	1.9	1.3	3.3	1.5	0.0	-0.1	-0.1	0.1
Paper and Paper Products	7.8	7.7	7.7	7.6	7.5	7.3	7.2	7.1
% Ch	-3.4	-0.2	0.0	-1.5	-2.2	-2.0	-1.8	-1.7
Other Nondurables	37.1	37.9	38.8	39.3	39.7	40.3	40.8	41.4
% Ch	3.4	2.1	2.3	1.3	1.1	1.4	1.4	1.3
Natural Resources and Mining	6.3	6.2	6.4	6.5	6.7	6.8	6.8	6.9
% Ch	-0.8	-1.6	3.2	2.7	2.2	1.2	0.9	0.3
Construction	186.6	199.7	211.1	213.3	214.6	214.1	213.4	212.0
% Ch	7.7	7.0	5.7	1.1	0.6	-0.2	-0.3	-0.7
Trade, Transportation, and Utilities	606.3	626.0	642.8	655.5	659.5	660.5	661.2	661.4
% Ch	3.1	3.2	2.7	2.0	0.6	0.2	0.1	0.0
Wholesale Trade	132.8	134.5	138.6	141.5	142.4	142.8	143.2	143.5
% Ch	0.6	1.3	3.0	2.1	0.7	0.2	0.3	0.2
Retail Trade	369.1	384.7	397.0	405.6	408.7	409.8	410.3	410.5
% Ch	4.0	4.2	3.2	2.2	0.8	0.3	0.1	0.0
Electronic Shopping and Mail-Order	38.2	49.7	57.6	62.7	66.0	68.5	70.5	72.3
% Ch	26.6	30.1	15.9	8.9	5.2	3.8	3.0	2.5
Other Retail Trade	330.9	335.0	339.4	342.9	342.8	341.3	339.8	338.2
% Ch	1.9	1.2	1.3	1.0	0.0	-0.4	-0.4	-0.5
Trans., Warehousing, and Utilities	104.4	106.9	107.2	108.4	108.3	108.0	107.7	107.4
% Ch	3.4	2.4	0.4	1.0	0.0	-0.3	-0.3	-0.3
Information	121.6	126.3	132.0	135.5	138.6	142.2	144.0	145.5
% Ch	6.2	3.9	4.5	2.6	2.3	2.6	1.3	1.1
Software Publishers	58.9	61.3	64.6	65.8	66.7	67.8	69.1	70.3
% Ch	5.3	4.1	5.3	1.8	1.3	1.7	1.8	1.9
Other Publishing Industries	5.9	5.5	4.9	4.3	3.7	3.3	3.0	2.7
% Ch	-4.0	-7.0	-11.2	-13.1	-12.5	-10.7	-10.1	-10.7
Other Information	56.7	59.5	62.5	65.4	68.2	71.1	72.0	72.5
% Ch	8.4	4.9	5.0	4.7	4.3	4.2	1.3	0.8
Financial Activities	150.3	153.1	157.4	159.3	159.4	157.9	156.3	154.7
% Ch	1.8	1.9	2.8	1.2	0.1	-0.9	-1.0	-1.0
Professional and Business Services	403.5	414.1	433.0	454.4	472.0	484.3	497.1	509.0
% Ch	3.5	2.6	4.6	4.9	3.9	2.6	2.6	2.4
Education and Health Services	463.5	476.0	496.0	507.3	513.2	518.6	523.5	527.9
% Ch	3.4	2.7	4.2	2.3	1.2	1.0	0.9	0.8
Leisure and Hospitality	323.3	331.4	342.1	347.9	352.2	355.7	358.1	359.3
% Ch	4.3	2.5	3.2	1.7	1.2	1.0	0.7	0.3
Other Services	117.6	119.9	122.5	125.0	126.8	128.4	129.8	130.9
% Ch	2.3	2.0	2.2	2.0	1.5	1.3	1.1	0.8
Federal Government	74.5	74.9	75.9	77.0	79.9	77.8	78.1	78.3
% Ch	1.9	0.4	1.4	1.5	3.7	-2.6	0.4	0.3
State and Local Government	501.0	511.1	515.0	520.7	528.8	537.3	545.2	552.2
% Ch	2.5	2.0	0.8	1.1	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	3,385.9	3,408.8	3,435.5	3,453.8	3,470.9	3,487.4	3,501.8	3,514.9
% Ch, Annual Rate	4.4	2.7	3.2	2.1	2.0	1.9	1.7	1.5
Manufacturing	284.1	285.5	287.9	289.7	290.9	291.3	291.2	292.1
% Ch, Annual Rate	2.8	1.9	3.5	2.5	1.7	0.6	0.0	1.2
Durable Manufacturing	198.8	199.9	201.9	203.3	204.2	204.5	204.5	205.1
% Ch, Annual Rate	1.6	2.3	4.1	2.8	1.6	0.8	-0.1	1.2
Wood Products	13.3	13.2	13.1	13.2	13.2	13.1	13.1	13.2
% Ch, Annual Rate	8.2	-2.4	-2.7	2.5	-0.4	-1.6	-1.5	2.8
Primary and Fabricated Metals	25.6	25.4	25.4	25.9	26.0	26.1	26.1	26.3
% Ch, Annual Rate	9.4	-3.3	-0.7	7.6	2.1	1.9	-0.4	2.7
Computer and Electronic Products	19.7	19.9	20.2	20.5	20.8	20.8	20.7	20.7
% Ch, Annual Rate	2.0	2.7	6.6	7.3	4.0	0.2	-1.2	0.7
Machinery and Electrical Equipment	20.5	20.8	21.1	21.5	21.8	22.0	22.1	22.5
% Ch, Annual Rate	-6.4	5.0	5.6	7.5	7.2	3.8	2.0	6.6
Aerospace	81.9	82.7	84.0	84.0	84.0	84.0	84.0	84.0
% Ch, Annual Rate	2.2	3.9	6.5	0.0	0.0	0.0	0.0	0.0
Other Transportation Equip.	9.8	9.7	9.8	9.8	9.7	9.7	9.7	9.5
% Ch, Annual Rate	-7.4	-0.5	3.3	-1.6	-1.8	-0.1	-3.0	-6.2
Other Durables	27.9	28.2	28.3	28.4	28.6	28.7	28.8	28.9
% Ch, Annual Rate	-0.3	3.6	2.3	1.8	2.5	1.5	0.7	1.7
Nondurable Manufacturing	85.3	85.5	86.0	86.3	86.7	86.7	86.7	87.0
% Ch, Annual Rate	5.6	1.0	2.0	1.7	1.7	0.0	0.1	1.0
Food Manufacturing	39.2	39.0	39.4	39.6	39.8	39.9	39.9	39.9
% Ch, Annual Rate	11.0	-1.8	3.4	2.2	2.8	0.2	0.1	0.8
Paper and Paper Products	7.6	7.8	7.8	7.8	7.7	7.6	7.6	7.6
% Ch, Annual Rate	-1.4	9.1	-0.2	-1.5	-2.4	-3.5	-3.1	-1.3
Other Nondurables	38.5	38.7	38.8	39.0	39.1	39.2	39.3	39.4
% Ch, Annual Rate	1.7	2.4	1.0	1.9	1.5	0.6	0.8	1.7
Natural Resources and Mining	6.3	6.4	6.4	6.4	6.5	6.5	6.6	6.6
% Ch, Annual Rate	3.7	10.2	-0.9	1.3	3.4	2.8	3.8	2.1
Construction	208.8	211.6	211.7	212.3	212.8	213.3	213.4	213.9
% Ch, Annual Rate	8.7	5.5	0.3	1.0	0.9	1.0	0.1	1.1
Trade, Transportation, and Utilities	638.3	639.5	644.8	648.6	652.3	654.5	656.8	658.3
% Ch, Annual Rate	4.4	0.8	3.3	2.4	2.3	1.4	1.5	0.9
Wholesale Trade	137.0	138.0	139.3	139.9	140.7	141.3	141.8	142.2
% Ch, Annual Rate	5.2	2.9	3.8	1.7	2.2	1.7	1.5	1.0
Retail Trade	393.8	394.9	398.3	400.9	403.5	404.9	406.6	407.6
% Ch, Annual Rate	5.1	1.2	3.4	2.7	2.5	1.5	1.7	1.0
Electronic Shopping and Mail-Order	54.8	56.6	58.9	60.1	61.2	62.3	63.2	64.1
% Ch	10.0	13.7	17.1	8.6	7.7	6.9	6.2	5.6
Other Retail Trade	338.9	338.3	339.4	340.8	342.2	342.6	343.4	343.5
% Ch	4.3	-0.7	1.3	1.7	1.7	0.5	0.8	0.1
Trans., Warehousing, and Utilities	107.5	106.5	107.2	107.7	108.1	108.3	108.5	108.5
% Ch, Annual Rate	0.9	-3.4	2.4	2.1	1.5	0.6	0.6	0.3
Information	129.3	131.3	133.6	133.8	133.8	135.2	136.1	136.8
% Ch, Annual Rate	3.8	6.3	7.2	0.8	-0.1	4.2	2.6	2.1
Software Publishers	63.2	64.6	65.2	65.4	65.6	65.7	65.9	66.1
% Ch, Annual Rate	6.1	9.2	3.8	1.2	0.9	1.0	0.8	1.1
Other Publishing Industries	5.3	4.8	4.8	4.7	4.5	4.3	4.2	4.0
% Ch, Annual Rate	-4.6	-27.2	-3.3	-11.2	-13.8	-13.6	-15.1	-13.6
Other Information	60.8	61.8	63.5	63.7	63.7	65.1	66.0	66.7
% Ch, Annual Rate	2.1	6.6	11.8	1.4	-0.1	9.0	5.8	4.1
Financial Activities	156.1	157.6	157.9	158.0	158.9	159.1	159.5	159.6
% Ch, Annual Rate	4.9	3.8	0.8	0.2	2.4	0.5	0.9	0.4
Professional and Business Services	424.7	430.4	436.5	440.4	445.6	452.0	457.8	462.3
% Ch, Annual Rate	7.7	5.5	5.7	3.6	4.9	5.8	5.3	4.0
Education and Health Services	489.2	494.4	498.6	501.9	504.1	506.7	508.4	510.0
% Ch, Annual Rate	5.1	4.3	3.5	2.6	1.8	2.1	1.3	1.2
Leisure and Hospitality	338.7	340.6	343.4	345.8	346.9	347.5	348.2	349.0
% Ch, Annual Rate	5.4	2.2	3.3	2.9	1.3	0.6	0.9	0.9
Other Services	121.6	122.0	122.9	123.6	124.2	124.7	125.2	125.7
% Ch, Annual Rate	0.5	1.2	2.8	2.4	1.9	1.6	1.7	1.5
Federal Government	74.7	75.5	76.6	76.7	76.8	77.0	77.1	77.2
% Ch, Annual Rate	-0.6	4.3	6.0	0.6	0.6	0.6	0.6	0.6
State and Local Government	514.1	514.1	515.3	516.7	518.1	519.7	521.5	523.5
% Ch, Annual Rate	1.4	0.0	1.0	1.1	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	3,526.8	3,544.7	3,549.3	3,556.7	3,565.1	3,573.6	3,582.1	3,590.6
% Ch, Annual Rate	1.4	2.0	0.5	0.8	1.0	0.9	1.0	1.0
Manufacturing	292.5	292.7	292.8	293.0	293.4	293.9	294.6	295.2
% Ch, Annual Rate	0.6	0.4	0.1	0.2	0.6	0.7	0.9	0.9
Durable Manufacturing	205.4	205.7	205.8	205.9	206.1	206.5	207.1	207.6
% Ch, Annual Rate	0.6	0.4	0.2	0.2	0.5	0.7	1.1	1.1
Wood Products	13.2	13.2	13.2	13.3	13.3	13.4	13.5	13.5
% Ch, Annual Rate	1.2	0.7	0.1	0.7	1.3	2.2	2.5	1.3
Primary and Fabricated Metals	26.3	26.3	26.2	26.0	25.9	25.9	25.9	25.9
% Ch, Annual Rate	0.6	-0.6	-1.8	-1.8	-1.5	-0.9	-0.3	0.3
Computer and Electronic Products	20.8	20.8	20.9	21.1	21.3	21.5	21.7	21.9
% Ch, Annual Rate	0.9	1.0	2.2	2.6	3.4	3.9	4.6	4.2
Machinery and Electrical Equipment	22.8	23.0	23.1	23.3	23.4	23.6	23.8	24.1
% Ch, Annual Rate	5.3	3.7	2.7	2.4	2.5	2.9	4.0	4.5
Aerospace	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
% Ch, Annual Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Transportation Equip.	9.4	9.3	9.2	9.2	9.1	9.0	8.9	8.9
% Ch, Annual Rate	-6.2	-2.5	-2.4	-3.4	-3.2	-3.1	-3.1	-2.9
Other Durables	29.0	29.0	29.0	29.0	29.1	29.1	29.2	29.3
% Ch, Annual Rate	0.9	0.4	0.1	0.4	0.7	0.9	1.0	0.9
Nondurable Manufacturing	87.0	87.1	87.0	87.1	87.2	87.4	87.5	87.6
% Ch, Annual Rate	0.3	0.2	-0.2	0.2	0.7	0.7	0.6	0.4
Food Manufacturing	40.0	39.9	39.8	39.8	39.8	39.8	39.8	39.8
% Ch, Annual Rate	0.2	-0.5	-1.0	-0.5	0.3	0.2	0.3	-0.2
Paper and Paper Products	7.5	7.5	7.4	7.4	7.4	7.3	7.3	7.3
% Ch, Annual Rate	-2.0	-1.9	-2.7	-2.2	-1.6	-1.8	-1.9	-1.9
Other Nondurables	39.5	39.7	39.8	39.9	40.1	40.2	40.4	40.5
% Ch, Annual Rate	1.0	1.3	1.0	1.4	1.6	1.6	1.5	1.4
Natural Resources and Mining	6.6	6.7	6.7	6.7	6.7	6.8	6.8	6.8
% Ch, Annual Rate	1.7	2.7	1.4	1.0	0.9	1.1	1.2	1.0
Construction	214.0	214.8	214.9	214.7	214.3	214.1	214.0	214.1
% Ch, Annual Rate	0.1	1.6	0.0	-0.3	-0.7	-0.5	-0.1	0.1
Trade, Transportation, and Utilities	658.8	659.1	660.0	660.0	660.2	660.4	660.7	660.9
% Ch, Annual Rate	0.4	0.2	0.5	0.0	0.1	0.1	0.2	0.2
Wholesale Trade	142.3	142.4	142.5	142.6	142.7	142.8	142.8	142.9
% Ch, Annual Rate	0.3	0.3	0.4	0.1	0.3	0.2	0.2	0.2
Retail Trade	408.1	408.4	409.2	409.2	409.4	409.6	409.9	410.2
% Ch, Annual Rate	0.6	0.3	0.8	0.0	0.2	0.2	0.3	0.3
Electronic Shopping and Mail-Order	64.9	65.7	66.4	67.0	67.6	68.2	68.8	69.3
% Ch	5.1	4.7	4.3	4.0	3.7	3.5	3.3	3.1
Other Retail Trade	343.2	342.7	342.8	342.2	341.8	341.4	341.1	340.9
% Ch	-0.3	-0.6	0.1	-0.7	-0.5	-0.5	-0.2	-0.3
Trans., Warehousing, and Utilities	108.4	108.3	108.3	108.2	108.1	108.1	108.0	107.9
% Ch, Annual Rate	-0.4	-0.3	-0.2	-0.3	-0.2	-0.3	-0.3	-0.4
Information	137.6	138.0	138.8	140.1	141.1	141.9	142.6	143.2
% Ch, Annual Rate	2.4	1.2	2.3	3.8	2.8	2.5	2.0	1.5
Software Publishers	66.3	66.5	66.8	67.1	67.4	67.7	68.0	68.3
% Ch, Annual Rate	1.4	1.5	1.7	1.6	1.7	1.7	1.8	1.8
Other Publishing Industries	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2
% Ch, Annual Rate	-12.1	-11.3	-10.3	-11.1	-10.8	-10.7	-10.2	-10.0
Other Information	67.4	67.7	68.3	69.4	70.2	70.9	71.4	71.7
% Ch, Annual Rate	4.4	1.6	3.7	6.7	4.7	3.9	2.7	1.8
Financial Activities	159.7	159.4	159.3	159.1	158.7	158.1	157.6	157.2
% Ch, Annual Rate	0.1	-0.6	-0.4	-0.5	-1.0	-1.5	-1.1	-1.0
Professional and Business Services	466.9	470.7	473.9	476.7	479.9	482.9	485.7	488.7
% Ch, Annual Rate	4.0	3.3	2.7	2.5	2.7	2.5	2.3	2.5
Education and Health Services	511.3	512.5	513.8	515.2	516.8	518.0	519.1	520.3
% Ch, Annual Rate	1.0	0.9	1.1	1.1	1.2	1.0	0.9	0.9
Leisure and Hospitality	349.9	351.4	353.3	354.1	354.3	355.3	356.2	357.1
% Ch, Annual Rate	1.1	1.7	2.2	1.0	0.2	1.1	1.1	0.9
Other Services	126.2	126.6	127.1	127.5	127.9	128.3	128.6	129.0
% Ch, Annual Rate	1.5	1.3	1.5	1.3	1.3	1.2	1.1	1.1
Federal Government	77.8	85.1	79.0	77.6	77.7	77.8	77.8	77.9
% Ch, Annual Rate	3.2	42.9	-25.7	-6.8	0.4	0.4	0.4	0.4
State and Local Government	525.5	527.7	529.8	532.0	534.1	536.2	538.3	540.4
% Ch, Annual Rate	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.5

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	3,598.8	3,606.6	3,614.2	3,621.5	3,628.3	3,635.1	3,640.8	3,645.7
% Ch, Annual Rate	0.9	0.9	0.8	0.8	0.8	0.7	0.6	0.5
Manufacturing	295.8	296.4	297.1	297.8	298.5	299.2	299.8	300.3
% Ch, Annual Rate	0.9	0.8	0.9	1.0	1.0	1.0	0.8	0.6
Durable Manufacturing	208.1	208.7	209.2	209.8	210.4	211.0	211.5	211.9
% Ch, Annual Rate	1.1	1.0	1.1	1.1	1.1	1.2	0.9	0.7
Wood Products	13.6	13.6	13.6	13.7	13.7	13.7	13.7	13.7
% Ch, Annual Rate	1.8	0.8	0.6	1.2	1.2	1.3	0.0	-0.7
Primary and Fabricated Metals	25.9	26.0	26.1	26.2	26.4	26.6	26.8	26.9
% Ch, Annual Rate	0.6	1.1	1.7	2.4	2.9	3.0	2.5	1.8
Computer and Electronic Products	22.1	22.3	22.5	22.6	22.6	22.7	22.7	22.7
% Ch, Annual Rate	3.7	3.0	2.9	1.8	0.9	0.8	0.9	0.6
Machinery and Electrical Equipment	24.4	24.6	24.9	25.1	25.5	25.8	26.0	26.3
% Ch, Annual Rate	4.3	4.3	4.2	4.6	5.0	5.0	4.4	3.9
Aerospace	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
% 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	8.4
% Ch, Annual Rate	-2.7	-2.4	-2.3	-2.2	-2.3	-2.2	-2.9	-2.8
Other Durables	29.3	29.4	29.4	29.5	29.6	29.6	29.7	29.7
% Ch, Annual Rate	0.7	0.8	0.9	0.9	0.8	0.8	0.7	0.7
Nondurable Manufacturing	87.7	87.7	87.8	88.0	88.1	88.2	88.3	88.4
% Ch, Annual Rate	0.4	0.3	0.4	0.5	0.6	0.6	0.5	0.3
Food Manufacturing	39.8	39.8	39.8	39.8	39.8	39.8	39.9	39.9
% Ch, Annual Rate	-0.2	-0.2	0.0	0.1	0.2	0.2	0.2	0.0
Paper and Paper Products	7.2	7.2	7.2	7.1	7.1	7.1	7.0	7.0
% Ch, Annual Rate	-1.7	-1.9	-1.8	-1.7	-1.6	-1.6	-1.7	-1.9
Other Nondurables	40.6	40.8	40.9	41.0	41.2	41.3	41.4	41.5
% Ch, Annual Rate	1.4	1.2	1.3	1.3	1.3	1.3	1.2	1.1
Natural Resources and Mining	6.8	6.8	6.8	6.8	6.8	6.9	6.8	6.9
% Ch, Annual Rate	1.1	0.6	0.5	0.5	0.5	0.3	-0.2	0.1
Construction	213.9	213.6	213.3	213.0	212.6	212.2	211.8	211.3
% Ch, Annual Rate	-0.4	-0.5	-0.6	-0.6	-0.6	-0.7	-0.8	-0.9
Trade, Transportation, and Utilities	661.0	661.1	661.3	661.4	661.3	661.4	661.5	661.5
% Ch, Annual Rate	0.0	0.1	0.1	0.1	-0.1	0.1	0.1	0.0
Wholesale Trade	143.0	143.1	143.2	143.3	143.5	143.5	143.5	143.5
% Ch, Annual Rate	0.4	0.2	0.3	0.3	0.4	0.1	0.0	0.0
Retail Trade	410.1	410.3	410.3	410.5	410.2	410.4	410.6	410.7
% Ch, Annual Rate	-0.1	0.2	0.1	0.1	-0.3	0.2	0.2	0.1
Electronic Shopping and Mail-Order	69.8	70.3	70.7	71.2	71.6	72.1	72.5	72.9
% Ch	2.9	2.8	2.7	2.6	2.5	2.4	2.4	2.3
Other Retail Trade	340.3	340.0	339.6	339.3	338.6	338.3	338.1	337.8
% Ch	-0.7	-0.3	-0.5	-0.4	-0.8	-0.3	-0.3	-0.3
Trans., Warehousing, and Utilities	107.9	107.8	107.7	107.6	107.6	107.5	107.4	107.2
% Ch, Annual Rate	-0.1	-0.3	-0.3	-0.3	-0.2	-0.4	-0.4	-0.5
Information	143.7	144.0	144.1	144.3	144.3	145.2	146.0	146.7
% Ch, Annual Rate	1.5	0.7	0.5	0.4	0.1	2.5	2.2	1.9
Software Publishers	68.6	68.9	69.2	69.5	69.9	70.2	70.5	70.8
% Ch, Annual Rate	1.9	1.8	1.8	1.8	1.9	1.9	1.9	1.9
Other Publishing Industries	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.6
% Ch, Annual Rate	-9.2	-10.4	-10.7	-10.8	-10.3	-10.9	-10.9	-11.0
Other Information	72.0	72.0	72.0	71.9	71.7	72.3	72.8	73.3
% Ch, Annual Rate	1.6	0.1	-0.3	-0.6	-1.1	3.7	3.0	2.4
Financial Activities	156.9	156.5	156.1	155.7	155.4	154.9	154.4	154.0
% Ch, Annual Rate	-0.8	-1.1	-1.1	-1.0	-0.7	-1.3	-1.1	-1.1
Professional and Business Services	492.1	495.4	498.8	502.0	505.6	508.2	510.2	512.0
% Ch, Annual Rate	2.8	2.7	2.8	2.6	2.9	2.1	1.6	1.4
Education and Health Services	521.7	522.9	524.1	525.2	526.5	527.5	528.3	529.2
% Ch, Annual Rate	1.1	0.9	0.9	0.9	1.0	0.7	0.7	0.7
Leisure and Hospitality	357.3	357.9	358.4	358.9	358.8	359.2	359.5	359.7
% Ch, Annual Rate	0.2	0.7	0.6	0.6	-0.2	0.4	0.3	0.3
Other Services	129.3	129.6	129.9	130.2	130.5	130.8	131.0	131.2
% Ch, Annual Rate	1.1	1.0	1.0	0.9	0.9	0.8	0.7	0.7
Federal Government	78.0	78.0	78.1	78.2	78.2	78.3	78.3	78.4
% Ch, Annual Rate	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2
State and Local Government	542.4	544.3	546.2	548.0	549.7	551.4	553.0	554.6
% Ch, Annual Rate	1.5	1.4	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	17,578.9	18,379.9	19,200.0	20,009.5	20,879.6	21,791.6
% Ch	2.6	4.4	4.4	4.6	4.5	4.2	4.3	4.4
Total Wage and Salary Disbursements	8,080.7	8,453.8	8,844.0	9,219.2	9,642.4	10,087.5	10,570.5	11,073.0
% Ch	2.9	4.6	4.6	4.2	4.6	4.6	4.8	4.8
Nonwage Personal Income	8,044.5	8,377.1	8,734.9	9,160.7	9,557.7	9,921.9	10,309.1	10,718.7
% Ch	2.3	4.1	4.3	4.9	4.3	3.8	3.9	4.0
Supplements to Wages and Salaries	1,875.6	1,953.4	2,020.9	2,091.5	2,185.1	2,278.8	2,374.4	2,474.7
% Ch	1.8	4.1	3.5	3.5	4.5	4.3	4.2	4.2
Proprietor's Income	1,419.3	1,500.9	1,579.5	1,648.5	1,671.8	1,676.5	1,685.0	1,697.6
% Ch	-0.2	5.8	5.2	4.4	1.4	0.3	0.5	0.7
Farm	37.5	38.9	40.1	52.2	69.8	74.8	73.5	73.9
% Ch	...	...	...	...	...	...	...	...
Nonfarm	1,381.8	1,462.0	1,539.5	1,596.3	1,602.0	1,601.7	1,611.5	1,623.8
% Ch	1.2	5.8	5.3	3.7	0.4	0.0	0.6	0.8
Less: Contribution For Govt. Soc. Ins.	1,239.9	1,298.6	1,361.0	1,402.5	1,453.9	1,513.7	1,581.6	1,653.8
% Ch	2.9	4.7	4.8	3.1	3.7	4.1	4.5	4.6
Dividends/Int./Rent	3,211.4	3,361.8	3,523.2	3,696.2	3,874.1	4,047.7	4,244.8	4,439.5
% Ch	2.8	4.7	4.8	4.9	4.8	4.5	4.9	4.6
Transfer Payments	2,778.1	2,859.7	2,972.3	3,126.9	3,280.5	3,432.7	3,586.5	3,760.7
% Ch	3.5	2.9	3.9	5.2	4.9	4.6	4.5	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	17,318.9	17,502.6	17,660.1	17,834.2	18,073.2	18,276.7	18,482.1	18,687.4
% Ch, Annual Rate	5.1	4.3	3.6	4.0	5.5	4.6	4.6	4.5
Total Wage and Salary Disbursements	8,710.2	8,804.5	8,881.0	8,980.3	9,069.4	9,168.0	9,268.7	9,370.7
% Ch, Annual Rate	5.8	4.4	3.5	4.5	4.0	4.4	4.5	4.5
Nonwage Personal Income	8,608.6	8,698.1	8,779.1	8,854.0	9,003.8	9,108.7	9,213.4	9,316.8
% Ch, Annual Rate	4.5	4.2	3.8	3.5	6.9	4.7	4.7	4.6
Supplements to Wages and Salaries	1,999.4	2,014.4	2,030.3	2,039.5	2,060.1	2,080.5	2,101.8	2,123.7
% Ch, Annual Rate	3.9	3.0	3.2	1.8	4.1	4.0	4.2	4.2
Proprietor's Income	1,549.9	1,569.1	1,590.3	1,609.0	1,631.5	1,644.3	1,654.4	1,664.0
% Ch, Annual Rate	6.4	5.0	5.5	4.8	5.7	3.2	2.5	2.3
Farm	35.2	39.6	42.1	43.5	46.5	50.2	53.9	58.2
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	1,514.7	1,529.5	1,548.2	1,565.5	1,585.0	1,594.1	1,600.5	1,605.7
% Ch, Annual Rate	6.6	4.0	5.0	4.5	5.1	2.3	1.6	1.3
Less: Contribution For Govt. Soc. Ins.	1,343.4	1,356.7	1,368.3	1,375.5	1,388.3	1,397.3	1,407.1	1,417.5
% Ch, Annual Rate	8.2	4.0	3.4	2.1	3.8	2.6	2.8	3.0
Dividends/Int./Rent	3,468.8	3,507.2	3,543.2	3,573.7	3,623.6	3,672.0	3,720.8	3,768.6
% Ch, Annual Rate	3.6	4.5	4.2	3.5	5.7	5.5	5.4	5.2
Transfer Payments	2,933.9	2,964.2	2,983.6	3,007.4	3,076.9	3,109.1	3,143.5	3,178.1
% Ch, Annual Rate	6.6	4.2	2.6	3.2	9.6	4.3	4.5	4.5

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	18,904.1	19,111.8	19,296.1	19,488.2	19,694.6	19,901.7	20,112.9	20,328.6
% Ch, Annual Rate	4.7	4.5	3.9	4.0	4.3	4.3	4.3	4.4
Total Wage and Salary Disbursements	9,479.0	9,595.3	9,694.5	9,800.6	9,913.2	10,027.6	10,144.9	10,264.5
% Ch, Annual Rate	4.7	5.0	4.2	4.5	4.7	4.7	4.8	4.8
Nonwage Personal Income	9,425.1	9,516.5	9,601.5	9,687.5	9,781.4	9,874.1	9,968.0	10,064.1
% Ch, Annual Rate	4.7	3.9	3.6	3.6	3.9	3.8	3.9	3.9
Supplements to Wages and Salaries	2,149.9	2,175.1	2,196.5	2,218.9	2,244.8	2,267.4	2,290.1	2,313.0
% Ch, Annual Rate	5.0	4.8	4.0	4.1	4.7	4.1	4.1	4.1
Proprietor's Income	1,669.2	1,671.9	1,672.5	1,673.6	1,673.2	1,675.1	1,677.3	1,680.4
% Ch, Annual Rate	1.3	0.6	0.1	0.3	-0.1	0.4	0.5	0.7
Farm	64.1	69.1	72.1	74.0	74.8	75.0	74.9	74.5
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	1,605.2	1,602.8	1,600.4	1,599.6	1,598.4	1,600.1	1,602.5	1,605.9
% Ch, Annual Rate	-0.1	-0.6	-0.6	-0.2	-0.3	0.4	0.6	0.9
Less: Contribution For Govt. Soc. Ins.	1,435.3	1,448.4	1,459.7	1,472.2	1,492.1	1,506.2	1,520.8	1,535.8
% Ch, Annual Rate	5.1	3.7	3.2	3.5	5.5	3.8	3.9	4.0
Dividends/Int./Rent	3,813.9	3,855.3	3,894.1	3,933.3	3,975.8	4,023.0	4,071.1	4,120.8
% Ch, Annual Rate	4.9	4.4	4.1	4.1	4.4	4.8	4.9	5.0
Transfer Payments	3,227.4	3,262.6	3,298.2	3,334.0	3,379.8	3,414.8	3,450.3	3,485.7
% Ch, Annual Rate	6.4	4.4	4.4	4.4	5.6	4.2	4.2	4.2

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	20,552.4	20,767.0	20,989.2	21,209.8	21,453.9	21,681.4	21,904.5	22,126.7
% Ch, Annual Rate	4.5	4.2	4.3	4.3	4.7	4.3	4.2	4.1
Total Wage and Salary Disbursements	10,385.4	10,507.1	10,631.9	10,757.5	10,885.0	11,011.4	11,136.3	11,259.2
% Ch, Annual Rate	4.8	4.8	4.8	4.8	4.8	4.7	4.6	4.5
Nonwage Personal Income	10,167.0	10,259.9	10,357.2	10,452.2	10,569.0	10,670.0	10,768.2	10,867.6
% Ch, Annual Rate	4.2	3.7	3.8	3.7	4.5	3.9	3.7	3.7
Supplements to Wages and Salaries	2,339.3	2,362.4	2,386.0	2,409.8	2,437.4	2,462.0	2,487.0	2,512.2
% Ch, Annual Rate	4.6	4.0	4.1	4.0	4.7	4.1	4.1	4.1
Proprietor's Income	1,680.5	1,683.1	1,687.2	1,689.3	1,690.8	1,694.9	1,699.4	1,705.5
% Ch, Annual Rate	0.0	0.6	1.0	0.5	0.3	1.0	1.1	1.4
Farm	74.0	73.6	73.3	73.2	73.3	73.5	74.0	74.6
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	1,606.5	1,609.6	1,613.9	1,616.2	1,617.6	1,621.3	1,625.3	1,630.9
% Ch, Annual Rate	0.1	0.8	1.1	0.6	0.3	0.9	1.0	1.4
Less: Contribution For Govt. Soc. Ins.	1,557.8	1,573.4	1,589.4	1,605.6	1,629.2	1,645.7	1,662.0	1,678.0
% Ch, Annual Rate	5.9	4.1	4.2	4.1	6.0	4.1	4.0	3.9
Dividends/Int./Rent	4,169.3	4,218.2	4,270.2	4,321.4	4,371.1	4,418.8	4,462.8	4,505.2
% Ch, Annual Rate	4.8	4.8	5.0	4.9	4.7	4.4	4.0	3.9
Transfer Payments	3,535.7	3,569.5	3,603.3	3,637.3	3,698.9	3,740.0	3,781.1	3,822.7
% Ch, Annual Rate	5.9	3.9	3.8	3.8	7.0	4.5	4.5	4.5

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	397.772	419.962	447.809	470.428	494.024	517.140	541.812	567.624
% Ch	4.7	5.6	6.6	5.1	5.0	4.7	4.8	4.8
Total Wage and Salary Disbursements	203.613	218.726	238.115	249.219	261.889	274.711	288.384	302.744
% Ch	6.1	7.4	8.9	4.7	5.1	4.9	5.0	5.0
Manufacturing	21.735	21.714	22.796	23.372	24.295	25.341	26.558	27.860
% Ch	-0.3	-0.1	5.0	2.5	3.9	4.3	4.8	4.9
Durable Manufacturing	17.318	17.098	17.901	18.287	19.013	19.832	20.801	21.837
% Ch	-1.6	-1.3	4.7	2.2	4.0	4.3	4.9	5.0
Nondurable Manufacturing	4.417	4.616	4.896	5.085	5.282	5.509	5.757	6.024
% Ch	4.9	4.5	6.1	3.9	3.9	4.3	4.5	4.6
Nonmanufacturing	174.750	189.669	207.684	217.915	229.333	240.778	252.891	265.599
% Ch	7.1	8.5	9.5	4.9	5.2	5.0	5.0	5.0
Other Private Wages	1.197	1.285	1.354	1.401	1.455	1.507	1.561	1.616
% Ch	4.0	7.4	5.4	3.5	3.8	3.6	3.6	3.5
Farm Wages	1.813	1.880	1.931	2.030	2.141	2.252	2.370	2.491
% Ch	13.2	3.6	2.7	5.1	5.5	5.2	5.2	5.1
Military Wages	4.118	4.178	4.349	4.501	4.665	4.833	5.003	5.178
% Ch	0.2	1.5	4.1	3.5	3.7	3.6	3.5	3.5
Nonwage Personal Income	194.159	201.236	209.693	221.208	232.135	242.430	253.428	264.879
% Ch	3.2	3.6	4.2	5.5	4.9	4.4	4.5	4.5
Supplements to Wages and Salaries	46.494	49.258	52.083	54.259	56.917	59.493	62.090	64.794
% Ch	6.0	5.9	5.7	4.2	4.9	4.5	4.4	4.4
Proprietor's Income	29.803	30.444	31.612	32.636	32.723	32.661	32.801	33.013
% Ch	0.9	2.2	3.8	3.2	0.3	-0.2	0.4	0.6
Farm	2.496	1.784	1.476	1.301	1.287	1.256	1.217	1.204
% Ch	...	...	...	...	...	...	...	...
Nonfarm	27.307	28.659	30.136	31.336	31.436	31.405	31.584	31.809
% Ch	1.9	5.0	5.2	4.0	0.3	-0.1	0.6	0.7
Less: Contribution For Govt. Soc. Ins.	33.536	35.833	38.751	40.139	41.752	43.540	45.529	47.656
% Ch	4.2	6.8	8.1	3.6	4.0	4.3	4.6	4.7
Plus: Residence Adjustment	3.717	3.814	3.963	4.136	4.332	4.545	4.779	5.025
% Ch	5.1	2.6	3.9	4.4	4.7	4.9	5.2	5.1
Dividends/Int./Rent	88.021	91.884	95.947	101.517	107.201	112.677	118.737	124.678
% Ch	1.4	4.4	4.4	5.8	5.6	5.1	5.4	5.0
Transfer Payments	59.662	61.669	64.839	68.799	72.714	76.593	80.550	85.025
% Ch	5.6	3.4	5.1	6.1	5.7	5.3	5.2	5.6
State U.I. Benefits	0.982	0.964	0.880	0.569	0.620	0.715	0.741	0.815
% Ch	1.2	-1.9	-8.8	-35.3	8.9	15.5	3.6	10.0
Other Transfers	58.679	60.705	63.960	68.230	72.095	75.877	79.808	84.210
% Ch	5.7	3.5	5.4	6.7	5.7	5.2	5.2	5.5

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	441.835	444.429	450.011	454.961	461.575	467.490	473.372	479.274
% Ch, Annual Rate	13.1	2.4	5.1	4.5	5.9	5.2	5.1	5.1
Total Wage and Salary Disbursements	235.612	235.726	239.119	242.005	244.697	247.716	250.705	253.759
% Ch, Annual Rate	23.0	0.2	5.9	4.9	4.5	5.0	4.9	5.0
Manufacturing	23.505	22.263	22.573	22.845	23.067	23.268	23.450	23.705
% Ch, Annual Rate	27.6	-19.5	5.7	4.9	3.9	3.5	3.2	4.4
Durable Manufacturing	18.677	17.392	17.659	17.875	18.045	18.207	18.348	18.547
% Ch, Annual Rate	31.4	-24.8	6.3	5.0	3.8	3.7	3.1	4.4
Nondurable Manufacturing	4.827	4.872	4.914	4.970	5.022	5.060	5.102	5.158
% Ch, Annual Rate	14.2	3.7	3.5	4.6	4.3	3.1	3.3	4.5
Nonmanufacturing	204.524	205.874	208.887	211.453	213.804	216.548	219.282	222.026
% Ch, Annual Rate	23.1	2.7	6.0	5.0	4.5	5.2	5.1	5.1
Other Private Wages	1.347	1.343	1.357	1.369	1.381	1.395	1.408	1.421
% Ch, Annual Rate	-0.7	-1.2	4.2	3.6	3.5	4.1	3.9	3.8
Farm Wages	1.911	1.911	1.939	1.964	1.989	2.016	2.044	2.071
% Ch, Annual Rate	2.7	0.0	5.9	5.3	5.1	5.7	5.5	5.4
Military Wages	4.325	4.334	4.364	4.374	4.457	4.488	4.521	4.537
% Ch, Annual Rate	12.1	0.8	2.8	1.0	7.8	2.8	2.9	1.4
Nonwage Personal Income	206.223	208.703	210.892	212.956	216.878	219.774	222.666	225.515
% Ch, Annual Rate	2.9	4.9	4.3	4.0	7.6	5.4	5.4	5.2
Supplements to Wages and Salaries	51.323	51.853	52.436	52.722	53.334	53.950	54.564	55.187
% Ch, Annual Rate	8.4	4.2	4.6	2.2	4.7	4.7	4.6	4.7
Proprietor's Income	31.150	31.428	31.791	32.078	32.437	32.598	32.707	32.804
% Ch, Annual Rate	4.3	3.6	4.7	3.7	4.6	2.0	1.3	1.2
Farm	1.583	1.508	1.438	1.375	1.333	1.306	1.286	1.278
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	29.567	29.920	30.353	30.703	31.104	31.292	31.421	31.526
% Ch, Annual Rate	4.6	4.9	5.9	4.7	5.3	2.4	1.7	1.3
Less: Contribution For Govt. Soc. Ins.	38.109	38.586	39.040	39.269	39.671	39.975	40.288	40.622
% Ch, Annual Rate	15.1	5.1	4.8	2.4	4.2	3.1	3.2	3.4
Plus: Residence Adjustment	3.883	3.956	3.982	4.030	4.069	4.112	4.158	4.205
% Ch, Annual Rate	-1.3	7.8	2.7	4.8	4.0	4.3	4.5	4.6
Dividends/Int./Rent	94.155	95.403	96.594	97.636	99.212	100.748	102.295	103.813
% Ch, Annual Rate	2.9	5.4	5.1	4.4	6.6	6.3	6.3	6.1
Transfer Payments	63.821	64.649	65.128	65.760	67.496	68.340	69.231	70.128
% Ch, Annual Rate	5.0	5.3	3.0	3.9	11.0	5.1	5.3	5.3
State U.I. Benefits	0.944	0.917	0.917	0.741	0.636	0.567	0.536	0.536
% Ch, Annual Rate	-9.5	-10.9	0.0	-57.4	-45.5	-37.0	-20.0	0.0
Other Transfers	62.877	63.732	64.211	65.019	66.859	67.773	68.695	69.591
% Ch, Annual Rate	5.3	5.6	3.0	5.1	11.8	5.6	5.6	5.3

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	485.419	491.568	496.756	502.353	508.227	514.089	520.079	526.167
% Ch, Annual Rate	5.2	5.2	4.3	4.6	4.8	4.7	4.7	4.8
Total Wage and Salary Disbursements	257.010	260.601	263.400	266.544	269.814	273.026	276.329	279.674
% Ch, Annual Rate	5.2	5.7	4.4	4.9	5.0	4.8	4.9	4.9
Manufacturing	23.944	24.188	24.402	24.645	24.909	25.186	25.484	25.785
% Ch, Annual Rate	4.1	4.1	3.6	4.0	4.4	4.5	4.8	4.8
Durable Manufacturing	18.736	18.928	19.099	19.290	19.493	19.708	19.943	20.184
% Ch, Annual Rate	4.1	4.2	3.7	4.0	4.3	4.5	4.9	4.9
Nondurable Manufacturing	5.208	5.260	5.303	5.356	5.417	5.478	5.541	5.601
% Ch, Annual Rate	4.0	4.0	3.3	4.1	4.6	4.6	4.7	4.4
Nonmanufacturing	224.911	228.181	230.697	233.542	236.421	239.283	242.212	245.196
% Ch, Annual Rate	5.3	5.9	4.5	5.0	5.0	4.9	5.0	5.0
Other Private Wages	1.435	1.450	1.461	1.474	1.487	1.500	1.514	1.527
% Ch, Annual Rate	3.9	4.3	3.0	3.5	3.7	3.6	3.6	3.6
Farm Wages	2.099	2.130	2.154	2.181	2.210	2.238	2.267	2.296
% Ch, Annual Rate	5.6	6.0	4.6	5.2	5.3	5.2	5.3	5.2
Military Wages	4.621	4.652	4.686	4.703	4.787	4.819	4.854	4.871
% Ch, Annual Rate	7.6	2.8	2.9	1.4	7.4	2.8	2.9	1.4
Nonwage Personal Income	228.409	230.966	233.357	235.808	238.413	241.063	243.750	246.493
% Ch, Annual Rate	5.2	4.6	4.2	4.3	4.5	4.5	4.5	4.6
Supplements to Wages and Salaries	55.935	56.663	57.221	57.847	58.577	59.184	59.799	60.414
% Ch, Annual Rate	5.5	5.3	4.0	4.4	5.1	4.2	4.2	4.2
Proprietor's Income	32.790	32.749	32.688	32.664	32.621	32.635	32.668	32.722
% Ch, Annual Rate	-0.2	-0.5	-0.8	-0.3	-0.5	0.2	0.4	0.7
Farm	1.285	1.291	1.289	1.283	1.274	1.262	1.251	1.239
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	31.505	31.458	31.398	31.380	31.347	31.373	31.417	31.483
% Ch, Annual Rate	-0.3	-0.6	-0.8	-0.2	-0.4	0.3	0.6	0.8
Less: Contribution For Govt. Soc. Ins.	41.169	41.596	41.928	42.316	42.911	43.321	43.747	44.182
% Ch, Annual Rate	5.5	4.2	3.2	3.7	5.7	3.9	4.0	4.0
Plus: Residence Adjustment	4.255	4.309	4.357	4.407	4.461	4.516	4.573	4.631
% Ch, Annual Rate	4.9	5.1	4.6	4.7	4.9	5.1	5.1	5.2
Dividends/Int./Rent	105.259	106.594	107.847	109.106	110.451	111.918	113.406	114.935
% Ch, Annual Rate	5.7	5.2	4.8	4.8	5.0	5.4	5.4	5.5
Transfer Payments	71.339	72.247	73.171	74.100	75.215	76.130	77.052	77.973
% Ch, Annual Rate	7.1	5.2	5.2	5.2	6.2	5.0	4.9	4.9
State U.I. Benefits	0.556	0.595	0.646	0.680	0.699	0.714	0.722	0.726
% Ch, Annual Rate	16.0	31.1	38.8	22.6	11.8	8.8	4.3	2.4
Other Transfers	70.782	71.652	72.525	73.420	74.516	75.416	76.331	77.247
% Ch, Annual Rate	7.0	5.0	5.0	5.0	6.1	4.9	4.9	4.9

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	532.546	538.640	544.922	551.141	558.007	564.504	570.854	577.131
% Ch, Annual Rate	4.9	4.7	4.7	4.6	5.1	4.7	4.6	4.5
Total Wage and Salary Disbursements	283.176	286.609	290.121	293.630	297.298	300.970	304.587	308.122
% Ch, Annual Rate	5.1	4.9	5.0	4.9	5.1	5.0	4.9	4.7
Manufacturing	26.090	26.395	26.711	27.035	27.366	27.701	28.029	28.346
% Ch, Annual Rate	4.8	4.8	4.9	4.9	5.0	5.0	4.8	4.6
Durable Manufacturing	20.427	20.672	20.924	21.181	21.444	21.711	21.970	22.221
% Ch, Annual Rate	4.9	4.9	5.0	5.0	5.1	5.1	4.9	4.7
Nondurable Manufacturing	5.662	5.723	5.787	5.853	5.921	5.990	6.059	6.125
% Ch, Annual Rate	4.4	4.4	4.6	4.6	4.7	4.7	4.7	4.4
Nonmanufacturing	248.263	251.315	254.432	257.555	260.762	264.019	267.229	270.384
% Ch, Annual Rate	5.1	5.0	5.1	5.0	5.1	5.1	5.0	4.8
Other Private Wages	1.541	1.554	1.568	1.581	1.595	1.609	1.623	1.635
% Ch, Annual Rate	3.7	3.5	3.5	3.4	3.6	3.5	3.4	3.2
Farm Wages	2.326	2.355	2.385	2.415	2.446	2.477	2.507	2.537
% Ch, Annual Rate	5.4	5.2	5.2	5.1	5.2	5.1	5.0	4.8
Military Wages	4.956	4.990	5.025	5.043	5.129	5.164	5.200	5.220
% Ch, Annual Rate	7.2	2.7	2.8	1.5	7.0	2.7	2.8	1.5
Nonwage Personal Income	249.370	252.031	254.800	257.511	260.708	263.533	266.267	269.009
% Ch, Annual Rate	4.8	4.3	4.5	4.3	5.1	4.4	4.2	4.2
Supplements to Wages and Salaries	61.155	61.775	62.404	63.026	63.788	64.458	65.131	65.801
% Ch, Annual Rate	5.0	4.1	4.1	4.0	4.9	4.3	4.2	4.2
Proprietor's Income	32.718	32.768	32.842	32.876	32.893	32.964	33.042	33.154
% Ch, Annual Rate	0.0	0.6	0.9	0.4	0.2	0.9	1.0	1.4
Farm	1.229	1.220	1.213	1.208	1.204	1.203	1.203	1.205
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	31.490	31.548	31.629	31.668	31.689	31.761	31.839	31.949
% Ch, Annual Rate	0.1	0.7	1.0	0.5	0.3	0.9	1.0	1.4
Less: Contribution For Govt. Soc. Ins.	44.837	45.292	45.760	46.227	46.923	47.418	47.904	48.379
% Ch, Annual Rate	6.1	4.1	4.2	4.1	6.2	4.3	4.2	4.0
Plus: Residence Adjustment	4.689	4.748	4.809	4.871	4.933	4.995	5.056	5.116
% Ch, Annual Rate	5.1	5.2	5.3	5.3	5.2	5.1	5.0	4.8
Dividends/Int./Rent	116.429	117.931	119.514	121.076	122.589	124.044	125.390	126.687
% Ch, Annual Rate	5.3	5.3	5.5	5.3	5.1	4.8	4.4	4.2
Transfer Payments	79.216	80.102	80.991	81.890	83.429	84.491	85.553	86.630
% Ch, Annual Rate	6.5	4.5	4.5	4.5	7.7	5.2	5.1	5.1
State U.I. Benefits	0.731	0.738	0.743	0.753	0.767	0.788	0.827	0.880
% Ch, Annual Rate	2.5	4.1	2.9	5.6	7.6	11.3	21.2	28.0
Other Transfers	78.486	79.364	80.248	81.136	82.661	83.702	84.726	85.750
% Ch, Annual Rate	6.6	4.5	4.5	4.5	7.7	5.1	5.0	4.9