



# **ECONOMIC FORECAST**

## **Fiscal Year Summary Tables**

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Preliminary  
***May 28, 2021***

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Table 1.1  
**U.S. Economic Forecast Summary**  
Forecast 2021 to 2025

Fiscal Years

|                                                                         | 2018     | 2019     | 2020     | 2021     | 2022     | 2023     | 2024     | 2025     |
|-------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>Real National Income Accounts (Billions of Chained 2012 Dollars)</b> |          |          |          |          |          |          |          |          |
| Real Gross Domestic Product                                             | 18,432.5 | 18,884.3 | 18,677.3 | 18,997.5 | 20,169.1 | 20,749.2 | 21,178.9 | 21,590.5 |
| % Ch                                                                    | 2.9      | 2.5      | -1.1     | 1.7      | 6.2      | 2.9      | 2.1      | 1.9      |
| Real Consumption                                                        | 12,758.6 | 13,080.6 | 12,908.4 | 13,221.0 | 14,060.5 | 14,480.6 | 14,782.9 | 15,084.5 |
| % Ch                                                                    | 2.7      | 2.5      | -1.3     | 2.4      | 6.3      | 3.0      | 2.1      | 2.0      |
| Real Nonresidential Fixed Investment                                    | 2,610.0  | 2,748.5  | 2,706.2  | 2,764.4  | 2,930.6  | 3,108.5  | 3,269.0  | 3,422.1  |
| % Ch                                                                    | 5.4      | 5.3      | -1.5     | 2.1      | 6.0      | 6.1      | 5.2      | 4.7      |
| Real Residential Fixed Investment                                       | 618.4    | 600.9    | 605.3    | 695.4    | 707.6    | 676.3    | 670.3    | 675.9    |
| % Ch                                                                    | 2.5      | -2.8     | 0.7      | 14.9     | 1.8      | -4.4     | -0.9     | 0.8      |
| Real Personal Income                                                    | 16,251.8 | 16,726.6 | 17,369.8 | 18,222.4 | 17,961.1 | 18,341.0 | 18,784.7 | 19,251.5 |
| % Ch                                                                    | 3.4      | 2.9      | 3.8      | 4.9      | -1.4     | 2.1      | 2.4      | 2.5      |
| Real Per Capita Income (\$/Person)                                      | 49,819   | 51,029   | 52,777   | 55,254   | 54,328   | 55,225   | 56,267   | 57,349   |
| % Ch                                                                    | 2.8      | 2.4      | 3.4      | 4.7      | -1.7     | 1.7      | 1.9      | 1.9      |
| <b>Price and Wage Indexes</b>                                           |          |          |          |          |          |          |          |          |
| PCE Price Index (2012=100)                                              | 107.1    | 109.0    | 110.5    | 112.4    | 114.8    | 116.7    | 118.8    | 121.0    |
| % Ch                                                                    | 1.9      | 1.8      | 1.3      | 1.8      | 2.1      | 1.6      | 1.8      | 1.8      |
| U.S. Consumer Price Index (1982-84=1.0)                                 | 2.481    | 2.533    | 2.573    | 2.623    | 2.678    | 2.721    | 2.772    | 2.825    |
| % Ch                                                                    | 2.2      | 2.1      | 1.6      | 1.9      | 2.1      | 1.6      | 1.9      | 1.9      |
| Employment Cost Index (Dec. 2005=1.0)                                   | 1.314    | 1.354    | 1.395    | 1.435    | 1.485    | 1.538    | 1.588    | 1.633    |
| % Ch                                                                    | 2.8      | 3.1      | 3.0      | 2.9      | 3.5      | 3.6      | 3.2      | 2.9      |
| <b>Current Dollar National Income (Billions of Dollars)</b>             |          |          |          |          |          |          |          |          |
| Gross Domestic Product                                                  | 20,087.5 | 21,024.4 | 21,092.2 | 21,858.3 | 23,782.3 | 24,922.5 | 25,959.4 | 27,029.5 |
| % Ch                                                                    | 5.1      | 4.7      | 0.3      | 3.6      | 8.8      | 4.8      | 4.2      | 4.1      |
| Personal Income                                                         | 17,407.8 | 18,239.0 | 19,191.7 | 20,489.5 | 20,618.5 | 21,402.1 | 22,315.0 | 23,288.5 |
| % Ch                                                                    | 5.4      | 4.8      | 5.2      | 6.8      | 0.6      | 3.8      | 4.3      | 4.4      |
| <b>Employment (Millions)</b>                                            |          |          |          |          |          |          |          |          |
| U.S. Civilian Labor Force                                               | 161.2    | 162.7    | 162.6    | 160.7    | 164.1    | 165.6    | 167.1    | 168.5    |
| Total U.S. Employment                                                   | 154.5    | 156.5    | 152.9    | 149.7    | 156.8    | 159.5    | 161.3    | 162.4    |
| Unemployment Rate (%)                                                   | 4.11     | 3.77     | 6.00     | 6.87     | 4.41     | 3.72     | 3.49     | 3.61     |
| Nonfarm Payroll Employment                                              | 147.73   | 149.92   | 147.10   | 143.06   | 150.02   | 152.86   | 154.69   | 155.86   |
| % Ch                                                                    | 1.5      | 1.5      | -1.9     | -2.7     | 4.9      | 1.9      | 1.2      | 0.8      |
| Manufacturing                                                           | 12.55    | 12.79    | 12.52    | 12.21    | 12.35    | 12.36    | 12.39    | 12.30    |
| % Ch                                                                    | 1.4      | 1.9      | -2.1     | -2.5     | 1.2      | 0.1      | 0.3      | -0.7     |
| Durable Manufacturing                                                   | 7.83     | 8.03     | 7.82     | 7.58     | 7.70     | 7.74     | 7.77     | 7.70     |
| % Ch                                                                    | 1.7      | 2.5      | -2.6     | -3.0     | 1.5      | 0.5      | 0.4      | -0.9     |
| Nondurable Manufacturing                                                | 4.72     | 4.76     | 4.70     | 4.62     | 4.65     | 4.62     | 4.62     | 4.61     |
| % Ch                                                                    | 1.1      | 0.9      | -1.3     | -1.6     | 0.6      | -0.8     | 0.1      | -0.4     |
| Construction                                                            | 7.12     | 7.41     | 7.39     | 7.36     | 7.50     | 7.51     | 7.52     | 7.56     |
| % Ch                                                                    | 4.0      | 4.1      | -0.2     | -0.5     | 1.9      | 0.1      | 0.1      | 0.6      |
| Service-Providing                                                       | 127.36   | 128.98   | 126.50   | 122.89   | 129.52   | 132.33   | 134.11   | 135.32   |
| % Ch                                                                    | 1.4      | 1.3      | -1.9     | -2.9     | 5.4      | 2.2      | 1.3      | 0.9      |
| <b>Miscellaneous Indicators</b>                                         |          |          |          |          |          |          |          |          |
| Oil-WTI (\$ per barrel)                                                 | 58.6     | 60.8     | 46.7     | 51.4     | 63.8     | 59.3     | 56.3     | 54.5     |
| Personal Saving/Disposable Income (%)                                   | 7.5      | 7.9      | 12.5     | 15.7     | 8.4      | 7.7      | 7.8      | 8.1      |
| Auto Sales (Millions)                                                   | 5.7      | 5.1      | 3.9      | 3.7      | 3.6      | 3.6      | 3.6      | 3.5      |
| % Ch                                                                    | -11.6    | -11.1    | -24.2    | -3.8     | -3.1     | 0.7      | -1.1     | -2.0     |
| Housing Starts (Millions)                                               | 1.252    | 1.219    | 1.321    | 1.561    | 1.509    | 1.364    | 1.339    | 1.315    |
| % Ch                                                                    | 4.4      | -2.6     | 8.3      | 18.2     | -3.3     | -9.6     | -1.8     | -1.8     |
| Federal Budget Surplus (Billions)                                       | -844.9   | -979.1   | -2,232.0 | -3,598.5 | -1,557.9 | -1,310.3 | -1,201.0 | -1,215.1 |
| Net Exports (Billions)                                                  | -564.3   | -640.0   | -555.3   | -822.3   | -890.3   | -753.7   | -674.3   | -662.2   |
| 3-Month Treasury Bill Rate (%)                                          | 1.41     | 2.26     | 1.20     | 0.07     | 0.03     | 0.08     | 0.11     | 0.32     |
| 10-Year Treasury Note Yield (%)                                         | 2.57     | 2.74     | 1.41     | 1.12     | 1.76     | 2.00     | 2.07     | 2.28     |
| Bond Index of 20 G.O. Munis. (%)                                        | 3.67     | 4.01     | 3.20     | 2.25     | 2.63     | 2.85     | 2.93     | 3.08     |
| 30-Year Fixed Mortgage Rate (%)                                         | 4.16     | 4.43     | 3.53     | 2.90     | 3.33     | 3.63     | 3.73     | 3.95     |

Table 2.1

Fiscal Years

**Washington Economic Forecast Summary**

Forecast 2021 to 2025

|                                                       | 2018    | 2019    | 2020    | 2021    | 2022    | 2023    | 2024    | 2025    |
|-------------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| <b>Real Income (Billions of Chained 2012 Dollars)</b> |         |         |         |         |         |         |         |         |
| Real Personal Income                                  | 421.242 | 441.810 | 462.876 | 485.770 | 483.477 | 496.416 | 510.496 | 525.645 |
| % Ch                                                  | 5.5     | 4.9     | 4.8     | 4.9     | -0.5    | 2.7     | 2.8     | 3.0     |
| Real Wage and Salary Disb.                            | 213.059 | 225.733 | 232.529 | 242.700 | 256.073 | 264.788 | 273.643 | 282.457 |
| % Ch                                                  | 6.6     | 5.9     | 3.0     | 4.4     | 5.5     | 3.4     | 3.3     | 3.2     |
| Real Nonwage Income                                   | 208.183 | 216.077 | 230.347 | 243.070 | 227.404 | 231.629 | 236.853 | 243.188 |
| % Ch                                                  | 4.5     | 3.8     | 6.6     | 5.5     | -6.4    | 1.9     | 2.3     | 2.7     |
| Real Per Capita Income (\$/Person)                    | 56,327  | 58,352  | 60,444  | 62,876  | 62,128  | 63,179  | 64,261  | 65,408  |
| % Ch                                                  | 3.9     | 3.6     | 3.6     | 4.0     | -1.2    | 1.7     | 1.7     | 1.8     |
| <b>Price and Wage Indexes</b>                         |         |         |         |         |         |         |         |         |
| U.S. Implicit Price Deflator, PCE (2012=1.0)          | 1.071   | 1.090   | 1.105   | 1.124   | 1.148   | 1.167   | 1.188   | 1.210   |
| % Ch                                                  | 1.9     | 1.8     | 1.3     | 1.8     | 2.1     | 1.6     | 1.8     | 1.8     |
| Seattle Cons. Price Index (1982-84=1.0)               | 2.671   | 2.745   | 2.803   | 2.864   | 2.929   | 2.977   | 3.032   | 3.091   |
| % Ch                                                  | 3.1     | 2.8     | 2.1     | 2.2     | 2.3     | 1.6     | 1.9     | 1.9     |
| Average Nonfarm Annual Wage                           | 65,778  | 69,623  | 73,431  | 80,766  | 82,793  | 84,702  | 87,710  | 90,988  |
| % Ch                                                  | 6.3     | 5.8     | 5.5     | 10.0    | 2.5     | 2.3     | 3.6     | 3.7     |
| Avg. Hourly Earnings-Mfg. (\$/Hour)                   | 27.93   | 28.91   | 28.93   | 27.77   | 27.75   | 28.70   | 29.57   | 30.36   |
| % Ch                                                  | 4.2     | 3.5     | 0.0     | -4.0    | 0.0     | 3.4     | 3.0     | 2.7     |
| <b>Current Dollar Income (Billions of Dollars)</b>    |         |         |         |         |         |         |         |         |
| Personal Income                                       | 451.213 | 481.750 | 511.408 | 546.189 | 555.014 | 579.272 | 606.439 | 635.876 |
| % Ch                                                  | 7.6     | 6.8     | 6.2     | 6.8     | 1.6     | 4.4     | 4.7     | 4.9     |
| Disposable Personal Income                            | 397.240 | 425.062 | 452.996 | 485.724 | 489.457 | 510.972 | 533.763 | 559.296 |
| % Ch                                                  | 7.7     | 7.0     | 6.6     | 7.2     | 0.8     | 4.4     | 4.5     | 4.8     |
| Per Capita Income (\$/Person)                         | 60,333  | 63,626  | 66,781  | 70,696  | 71,319  | 73,723  | 76,337  | 79,124  |
| % Ch                                                  | 5.9     | 5.5     | 5.0     | 5.9     | 0.9     | 3.4     | 3.5     | 3.7     |
| <b>Employment (Thousands)</b>                         |         |         |         |         |         |         |         |         |
| Washington Civilian Labor Force                       | 3,767.0 | 3,860.6 | 3,935.8 | 3,873.0 | 3,941.3 | 4,004.2 | 4,059.6 | 4,117.0 |
| Total Washington Employment                           | 3,597.5 | 3,692.0 | 3,683.7 | 3,610.7 | 3,759.2 | 3,835.2 | 3,891.7 | 3,941.1 |
| Unemployment Rate (%)                                 | 4.50    | 4.37    | 6.41    | 6.77    | 4.62    | 4.22    | 4.14    | 4.27    |
| Nonfarm Payroll Employment                            | 3,362.6 | 3,433.0 | 3,403.3 | 3,282.1 | 3,451.2 | 3,546.4 | 3,603.9 | 3,652.6 |
| % Ch                                                  | 2.4     | 2.1     | -0.9    | -3.6    | 5.2     | 2.8     | 1.6     | 1.4     |
| Manufacturing                                         | 284.1   | 291.9   | 287.4   | 261.9   | 255.1   | 255.2   | 258.0   | 259.3   |
| % Ch                                                  | -1.1    | 2.7     | -1.5    | -8.9    | -2.6    | 0.1     | 1.1     | 0.5     |
| Durable Manufacturing                                 | 199.4   | 205.5   | 202.4   | 179.8   | 172.6   | 173.0   | 175.1   | 176.3   |
| % Ch                                                  | -2.1    | 3.1     | -1.5    | -11.2   | -4.0    | 0.2     | 1.2     | 0.7     |
| Aerospace                                             | 82.5    | 86.6    | 87.6    | 71.9    | 62.9    | 62.7    | 63.9    | 64.9    |
| % Ch                                                  | -5.9    | 4.9     | 1.2     | -17.9   | -12.6   | -0.3    | 2.0     | 1.5     |
| Nondurable Manufacturing                              | 84.6    | 86.3    | 85.0    | 82.0    | 82.5    | 82.2    | 82.8    | 83.0    |
| % Ch                                                  | 1.5     | 2.0     | -1.6    | -3.4    | 0.6     | -0.3    | 0.7     | 0.2     |
| Construction                                          | 206.5   | 216.8   | 216.3   | 218.8   | 218.4   | 211.4   | 209.3   | 210.8   |
| % Ch                                                  | 6.7     | 5.0     | -0.2    | 1.2     | -0.2    | -3.2    | -1.0    | 0.7     |
| Service-Providing                                     | 2,865.8 | 2,918.1 | 2,893.9 | 2,795.9 | 2,971.5 | 3,073.5 | 3,130.4 | 3,176.2 |
| % Ch                                                  | 2.5     | 1.8     | -0.8    | -3.4    | 6.3     | 3.4     | 1.9     | 1.5     |
| Software Publishers                                   | 63.1    | 67.7    | 73.6    | 76.1    | 78.5    | 80.1    | 81.3    | 82.6    |
| % Ch                                                  | 4.7     | 7.4     | 8.6     | 3.5     | 3.1     | 2.0     | 1.5     | 1.7     |
| Electronic Shopping and Mail-Order                    | 53.5    | 58.1    | 69.3    | 85.2    | 96.3    | 98.9    | 101.2   | 103.5   |
| % Ch                                                  | 21.7    | 8.7     | 19.1    | 23.0    | 13.0    | 2.7     | 2.4     | 2.2     |
| <b>Housing Indicators (Thousands)</b>                 |         |         |         |         |         |         |         |         |
| Housing Units Authorized by Bldg. Permit              | 48.873  | 46.042  | 47.547  | 50.735  | 49.306  | 45.229  | 44.842  | 44.771  |
| % Ch                                                  | 9.8     | -5.8    | 3.3     | 6.7     | -2.8    | -8.3    | -0.9    | -0.2    |
| Single-Family                                         | 24.216  | 22.439  | 22.863  | 27.606  | 29.743  | 26.073  | 25.630  | 25.820  |
| % Ch                                                  | 9.5     | -7.3    | 1.9     | 20.7    | 7.7     | -12.3   | -1.7    | 0.7     |
| Multi-Family                                          | 24.657  | 23.603  | 24.684  | 23.129  | 19.563  | 19.156  | 19.211  | 18.952  |
| % Ch                                                  | 10.1    | -4.3    | 4.6     | -6.3    | -15.4   | -2.1    | 0.3     | -1.4    |
| 30-Year Fixed Mortgage Rate (%)                       | 4.16    | 4.43    | 3.53    | 2.90    | 3.33    | 3.63    | 3.73    | 3.95    |