

# B

## Appendix B: CBO's Economic Projections for 2020 to 2030

The tables in this appendix show the Congressional Budget Office's economic projections for each year from 2020 to 2030. For the projections by calendar year, see Table B-1; for the projections by fiscal year, see Table B-2.

Table B-1.

### CBO's Economic Projections, by Calendar Year

	Estimated, 2019 <sup>a</sup>	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>Percentage Change From Year to Year</b>												
Gross Domestic Product												
Real <sup>b</sup>	2.3	2.2	1.9	1.7	1.6	1.6	1.5	1.6	1.7	1.7	1.7	1.7
Nominal	4.2	4.2	4.1	3.8	3.7	3.7	3.6	3.6	3.8	3.8	3.7	3.7
Inflation												
PCE price index	1.4	1.9	2.1	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.9	1.9
Core PCE price index <sup>c</sup>	1.6	2.0	2.2	2.1	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9
Consumer price index <sup>d</sup>	1.8 <sup>e</sup>	2.4	2.5	2.6	2.5	2.4	2.3	2.3	2.2	2.2	2.2	2.2
Core consumer price index <sup>c</sup>	2.2 <sup>e</sup>	2.7	2.6	2.5	2.4	2.4	2.3	2.2	2.2	2.2	2.2	2.2
GDP price index	1.8	1.9	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0
Employment Cost Index <sup>f</sup>	3.0	3.5	3.6	3.6	3.5	3.4	3.3	3.2	3.1	3.1	3.1	3.1
<b>Calendar Year Average</b>												
Unemployment Rate (Percent)	3.7 <sup>e</sup>	3.5	3.5	3.8	4.1	4.4	4.5	4.6	4.6	4.5	4.5	4.4
Payroll Employment (Monthly change, in thousands) <sup>g</sup>	181 <sup>e</sup>	135	59	17	15	18	19	34	63	69	64	57
Interest Rates (Percent)												
Three-month Treasury bills	2.1 <sup>e</sup>	1.6	1.7	1.8	2.1	2.2	2.3	2.3	2.3	2.3	2.4	2.4
Ten-year Treasury notes	2.1 <sup>e</sup>	1.9	2.2	2.6	2.7	2.8	2.8	2.9	2.9	3.0	3.0	3.1
Tax Bases (Percentage of GDP)												
Wages and salaries	43.5	43.7	43.8	43.9	43.9	43.9	43.8	43.8	43.8	43.8	43.8	43.7
Domestic corporate profits <sup>h</sup>	7.2	7.6	7.7	7.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.9
Tax Bases (Billions of dollars)												
Wages and salaries	9,324	9,753	10,192	10,595	10,989	11,388	11,790	12,209	12,666	13,149	13,629	14,107
Domestic corporate profits <sup>h</sup>	1,551	1,697	1,796	1,866	1,947	2,032	2,098	2,174	2,263	2,342	2,440	2,558
Nominal GDP (Billions of dollars)	21,440	22,340	23,251	24,139	25,035	25,955	26,888	27,867	28,924	30,010	31,135	32,297

Sources: Congressional Budget Office; Bureau of Economic Analysis; Bureau of Labor Statistics; Federal Reserve.

GDP = gross domestic product; PCE = personal consumption expenditures.

a. Values for 2019 do not reflect the values for GDP and related series that the Bureau of Economic Analysis has released since early January 2020.

b. Real values are nominal values that have been adjusted to remove the effects of changes in prices.

c. Excludes prices for food and energy.

d. The consumer price index for all urban consumers.

e. Actual value for 2019.

f. The employment cost index for wages and salaries of workers in private industry.

g. The average monthly change in the number of employees on nonfarm payrolls, calculated by dividing the change from the fourth quarter of one calendar year to the fourth quarter of the next by 12.

h. Adjusted to remove distortions in depreciation allowances caused by tax rules and to exclude the effects of changes in prices on the value of inventories.

Table B-2.

**CBO's Economic Projections, by Fiscal Year**

	Actual, 2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	<b>Percentage Change From Year to Year</b>											
Gross Domestic Product												
Real <sup>a</sup>	2.4	2.2	2.1	1.7	1.6	1.6	1.5	1.6	1.7	1.8	1.7	1.7
Nominal	4.3	4.2	4.2	3.9	3.7	3.7	3.6	3.6	3.8	3.8	3.7	3.7
Inflation												
PCE price index	1.5	1.8	2.1	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.9	1.9
Core PCE price index <sup>b</sup>	1.7	1.9	2.2	2.1	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9
Consumer price index <sup>c</sup>	1.9	2.3	2.5	2.6	2.5	2.4	2.3	2.3	2.3	2.2	2.2	2.2
Core consumer price index <sup>b</sup>	2.2	2.6	2.7	2.5	2.4	2.4	2.3	2.3	2.2	2.2	2.2	2.2
GDP price index	1.9	1.9	2.0	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0
Employment Cost Index <sup>d</sup>	3.0	3.4	3.6	3.6	3.5	3.4	3.3	3.2	3.1	3.1	3.1	3.1
					<b>Fiscal Year Average</b>							
Unemployment Rate (Percent)	3.7	3.5	3.5	3.8	4.1	4.3	4.5	4.6	4.6	4.5	4.5	4.5
Payroll Employment (Monthly change, in thousands) <sup>e</sup>	185	169	65	25	14	18	18	28	57	69	66	57
Interest Rates (Percent)												
Three-month Treasury bills	2.2	1.6	1.6	1.8	2.0	2.2	2.3	2.3	2.3	2.3	2.4	2.4
Ten-year Treasury notes	2.5	1.9	2.1	2.5	2.7	2.8	2.8	2.9	2.9	3.0	3.0	3.1
Tax Bases (Percentage of GDP)												
Wages and salaries	43.4	43.6	43.8	43.9	43.9	43.9	43.9	43.8	43.8	43.8	43.8	43.7
Domestic corporate profits <sup>f</sup>	7.3	7.5	7.7	7.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.9
Tax Bases (Billions of dollars)												
Wages and salaries	9,207	9,636	10,087	10,496	10,890	11,288	11,689	12,101	12,548	13,028	13,510	13,986
Domestic corporate profits <sup>f</sup>	1,545	1,661	1,782	1,846	1,924	2,014	2,080	2,155	2,239	2,323	2,411	2,529
Nominal GDP (Billions of dollars)	21,220	22,111	23,029	23,916	24,809	25,724	26,653	27,615	28,653	29,737	30,850	32,003

Sources: Congressional Budget Office; Bureau of Economic Analysis; Bureau of Labor Statistics; Federal Reserve.

GDP = gross domestic product; PCE = personal consumption expenditures.

a. Real values are nominal values that have been adjusted to remove the effects of changes in prices.

b. Excludes prices for food and energy.

c. The consumer price index for all urban consumers.

d. The employment cost index for wages and salaries of workers in private industry.

e. The average monthly change in the number of employees on nonfarm payrolls, calculated by dividing the change from the fourth quarter of one fiscal year to the fourth quarter of the next by 12.

f. Adjusted to remove distortions in depreciation allowances caused by tax rules and to exclude the effects of changes in prices on the value of inventories.