

# CBO's Economic Projections for 2019 to 2029

The tables in this appendix show the Congressional Budget Office's economic projections for each year from 2019 to 2029. Table B-1 shows the projections by calendar year, and Table B-2 shows them by fiscal year.

Table B-1.

## CBO's Economic Projections, by Calendar Year

	Actual, 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
	<b>Percentage Change From Year to Year<sup>a</sup></b>											
Gross Domestic Product												
Real <sup>b</sup>	2.9	2.6	2.1	1.8	1.7	1.7	1.7	1.8	1.7	1.8	1.8	1.8
Nominal	5.4	4.2	4.1	3.8	3.7	3.7	3.8	3.9	3.8	3.9	3.9	3.9
Inflation												
PCE price index	2.1	1.6	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Core PCE price index <sup>c</sup>	1.9	1.7	2.2	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Consumer price index <sup>d</sup>	2.4	1.9	2.4	2.5	2.5	2.4	2.4	2.3	2.3	2.3	2.3	2.3
Core consumer price index <sup>c</sup>	2.1	2.2	2.6	2.6	2.5	2.4	2.3	2.3	2.3	2.3	2.3	2.3
GDP price index	2.4	1.7	1.9	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0
Employment Cost Index <sup>e</sup>	3.0	3.2	3.5	3.5	3.5	3.4	3.3	3.2	3.2	3.1	3.1	3.1
	<b>Calendar Year Average</b>											
Unemployment Rate (Percent)	3.9	3.7	3.7	3.9	4.2	4.5	4.7	4.7	4.8	4.7	4.7	4.6
Payroll Employment (Monthly change, in thousands) <sup>f</sup>	221	148	100	50	24	18	21	37	39	57	63	57
Interest Rates (Percent)												
Three-month Treasury bills	1.9	2.2	2.1	2.3	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.5
Ten-year Treasury notes	2.9	2.3	2.2	2.5	2.9	3.0	3.1	3.1	3.1	3.2	3.2	3.2
Tax Bases (Percentage of GDP)												
Wages and salaries	43.0	42.8	43.1	43.4	43.6	43.7	43.7	43.7	43.8	43.8	43.8	43.8
Domestic corporate profits <sup>g</sup>	8.7	8.4	8.5	8.5	8.3	8.2	8.2	8.2	8.1	8.1	8.1	8.1
Tax Bases (Billions of dollars)												
Wages and salaries	8,888	9,149	9,589	10,020	10,434	10,850	11,268	11,706	12,156	12,631	13,134	13,650
Domestic corporate profits <sup>g</sup>	1,573	1,798	1,895	1,955	1,992	2,049	2,108	2,190	2,257	2,346	2,440	2,525
Nominal GDP (Billions of dollars)	20,580	21,360	22,231	23,083	23,946	24,836	25,769	26,765	27,775	28,860	29,981	31,141

Source: Congressional Budget Office.

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

a. See Table 2-3 for changes that are instead measured from the fourth quarter of one year to the fourth quarter of the next.\*

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

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

g. 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.

[\*Corrected on August 22, 2019]

Table B-2.

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

	Actual, 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
<b>Percentage Change From Year to Year</b>												
Gross Domestic Product												
Real <sup>a</sup>	3.0	2.7	2.2	1.9	1.7	1.7	1.7	1.8	1.7	1.8	1.8	1.8
Nominal	5.4	4.6	4.0	3.9	3.7	3.7	3.7	3.9	3.8	3.9	3.9	3.9
Inflation												
PCE price index	2.1	1.6	2.0	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0
Core PCE price index <sup>b</sup>	1.9	1.7	2.1	2.2	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Consumer price index <sup>c</sup>	2.4	1.9	2.3	2.5	2.5	2.5	2.4	2.3	2.3	2.3	2.3	2.3
Core consumer price index <sup>b</sup>	2.0	2.2	2.5	2.6	2.5	2.4	2.3	2.3	2.3	2.3	2.3	2.3
GDP price index	2.3	1.8	1.9	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0
Employment Cost Index <sup>d</sup>	2.9	3.1	3.4	3.6	3.5	3.4	3.3	3.2	3.2	3.1	3.1	3.1
<b>Fiscal Year Average</b>												
Unemployment Rate (Percent)	4.0	3.7	3.7	3.8	4.1	4.4	4.6	4.7	4.7	4.7	4.7	4.6
Payroll Employment (Monthly change, in thousands) <sup>e</sup>	212	175	108	62	26	20	17	35	38	52	64	59
Interest Rates (Percent)												
Three-month Treasury bills	1.7	2.3	2.1	2.3	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.5
Ten-year Treasury notes	2.7	2.5	2.2	2.4	2.8	3.0	3.1	3.1	3.1	3.2	3.2	3.2
Tax Bases (Percentage of GDP)												
Wages and salaries	43.2	42.8	43.1	43.3	43.5	43.7	43.7	43.7	43.8	43.8	43.8	43.8
Domestic corporate profits <sup>f</sup>	8.6	8.5	8.5	8.5	8.3	8.3	8.2	8.2	8.1	8.1	8.1	8.1
Tax Bases (Billions of dollars)												
Wages and salaries	8,801	9,054	9,477	9,914	10,331	10,746	11,163	11,595	12,043	12,509	13,006	13,520
Domestic corporate profits <sup>f</sup>	1,553	1,796	1,872	1,947	1,978	2,038	2,088	2,172	2,239	2,320	2,420	2,501
Nominal GDP (Billions of dollars)	20,336	21,157	22,013	22,870	23,727	24,611	25,529	26,514	27,518	28,582	29,699	30,847

Source: Congressional Budget Office.

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 by 12 the change in payroll employment from the fourth quarter of one fiscal year to the fourth quarter of the next.

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.