

# 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 E-1 shows CBO's economic projections by calendar year, and Table E-2 shows them by fiscal year.

Table E-1.

## CBO's Economic Projections, by Calendar Year

	Estimated, 2018 <sup>a</sup>	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
<b>Percentage Change From Year to Year</b>												
Gross Domestic Product												
Real <sup>b</sup>	2.9	2.7	1.9	1.6	1.6	1.7	1.8	1.8	1.7	1.8	1.8	1.8
Nominal	5.2	4.8	3.9	3.7	3.7	3.8	4.0	3.9	3.8	3.9	3.9	3.8
Inflation												
PCE price index	2.1	1.9	2.2	2.2	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0
Core PCE price index <sup>c</sup>	1.9	2.0	2.2	2.2	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0
Consumer price index <sup>d</sup>	2.5 <sup>e</sup>	2.1	2.6	2.6	2.5	2.5	2.4	2.3	2.3	2.3	2.3	2.4
Core consumer price index <sup>c</sup>	2.1 <sup>e</sup>	2.4	2.6	2.6	2.5	2.4	2.3	2.3	2.3	2.3	2.3	2.4
GDP price index	2.2	2.1	2.0	2.0	2.0	2.1	2.1	2.1	2.0	2.0	2.0	2.0
Employment Cost Index <sup>f</sup>	3.0	3.4	3.6	3.6	3.4	3.3	3.2	3.1	3.1	3.1	3.1	3.1
<b>Calendar Year Average</b>												
Unemployment Rate (Percent)	3.9 <sup>e</sup>	3.5	3.7	4.2	4.6	4.8	4.8	4.8	4.8	4.8	4.7	4.7
Payroll Employment (Monthly change, in thousands) <sup>g</sup>	203 <sup>e</sup>	148	68	21	17	48	62	57	49	64	65	66
Interest Rates (Percent)												
Three-month Treasury bills	1.9 <sup>e</sup>	2.8	3.2	3.2	3.2	3.0	2.8	2.7	2.7	2.8	2.8	2.8
Ten-year Treasury notes	2.9 <sup>e</sup>	3.4	3.6	3.7	3.7	3.8	3.7	3.7	3.7	3.7	3.7	3.8
Tax Bases (Percentage of GDP)												
Wages and salaries	43.1	43.1	43.4	43.6	43.7	43.7	43.8	43.8	43.8	43.8	43.9	43.9
Domestic economic profits <sup>h</sup>	8.7	8.9	8.4	8.1	7.9	7.8	7.9	7.9	7.9	7.9	8.0	8.0
Tax Bases (Billions of dollars)												
Wages and salaries	8,831	9,254	9,685	10,084	10,476	10,890	11,332	11,785	12,242	12,722	13,226	13,748
Domestic economic profits <sup>h</sup>	1,789	1,910	1,876	1,872	1,896	1,944	2,033	2,120	2,195	2,306	2,409	2,496
Nominal GDP (Billions of dollars)	20,503	21,478	22,326	23,145	23,996	24,907	25,894	26,909	27,926	29,018	30,144	31,299

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 2018 do not reflect the values for GDP and related series that the Bureau of Economic Analysis has released since early December 2018.
- 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 2018.
- f. The employment cost index for wages and salaries of workers in private industry.
- g. The average monthly change, calculated by dividing the change in payroll employment from the fourth quarter of one calendar year to the fourth quarter of the next by 12.
- h. Consists of domestic profits, 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 E-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>	2.7	2.9	2.0	1.6	1.6	1.7	1.8	1.8	1.7	1.8	1.8	1.8
Nominal	5.0	5.0	4.1	3.7	3.7	3.8	3.9	4.0	3.8	3.9	3.9	3.8
Inflation												
PCE price index	2.0	1.9	2.1	2.2	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0
Core PCE price index <sup>b</sup>	1.8	2.0	2.2	2.2	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0
Consumer price index <sup>c</sup>	2.4	2.2	2.4	2.6	2.5	2.5	2.4	2.3	2.3	2.3	2.3	2.4
Core consumer price index <sup>b</sup>	2.0	2.3	2.6	2.6	2.5	2.4	2.4	2.3	2.3	2.3	2.3	2.3
GDP price index	2.2	2.1	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.0	2.0	2.0
Employment Cost Index <sup>d</sup>	2.9	3.3	3.6	3.6	3.5	3.3	3.2	3.1	3.1	3.1	3.1	3.1
	<b>Fiscal Year Average</b>											
Unemployment Rate (Percent)	4.0	3.6	3.6	4.0	4.5	4.8	4.8	4.8	4.8	4.8	4.8	4.7
Payroll Employment (Monthly change, in thousands) <sup>e</sup>	204	163	88	28	14	40	61	60	49	60	66	66
Interest Rates (Percent)												
Three-month Treasury bills	1.7	2.6	3.1	3.2	3.2	3.1	2.9	2.7	2.7	2.8	2.8	2.8
Ten-year Treasury notes	2.7	3.3	3.6	3.7	3.7	3.8	3.7	3.7	3.7	3.7	3.7	3.7
Tax Bases (Percentage of GDP)												
Wages and salaries	43.2	43.0	43.3	43.5	43.6	43.7	43.8	43.8	43.8	43.8	43.9	43.9
Domestic economic profits <sup>f</sup>	8.6	9.0	8.5	8.2	7.9	7.8	7.8	7.9	7.9	7.9	8.0	8.0
Tax Bases (Billions of dollars)												
Wages and salaries	8,734	9,144	9,581	9,986	10,378	10,783	11,220	11,671	12,127	12,599	13,099	13,616
Domestic economic profits <sup>f</sup>	1,739	1,909	1,881	1,871	1,887	1,929	2,008	2,101	2,173	2,275	2,386	2,474
Nominal GDP (Billions of dollars)	20,236	21,252	22,120	22,939	23,778	24,672	25,642	26,656	27,667	28,738	29,862	31,006

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, calculated by dividing the change in payroll employment from the fourth quarter of one calendar year to the fourth quarter of the next by 12.

f. Consists of domestic profits, 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.