

CALCULATION OF LONG-TERM GDP GROWTH RATE

**FORECASTED GDP GROWTH**

<b>Using CPI Consensus Forecast (High)</b>	
CPI (2024-2028) [1]	2.20%
Real GDP Growth (2024-2028) [1]	2.00%
Nominal GDP Growth	<b>4.24%</b>
<b>Using Current TIPS Spread (Low)</b>	
Inflation [2]	2.13%
Real GDP Growth (2024-2028) [1]	2.00%
Nominal GDP Growth	<b>4.17%</b>
<b>Average Nominal GDP Growth</b>	<b>4.21%</b>

**HISTORICAL GDP GROWTH**

<b>Using CPI Consensus Forecast (High)</b>	
CPI (2024-2028) [1]	2.20%
Real GDP Growth (1929-2017) [3]	3.21%
Nominal GDP Growth	<b>5.48%</b>
<b>Using Current TIPS Spread (Low)</b>	
Inflation [2]	2.13%
Real GDP Growth (1929-2017) [3]	3.21%
Nominal GDP Growth	<b>5.41%</b>
<b>Average Nominal GDP Growth</b>	<b>5.45%</b>

Notes:

[1] Blue Chip Financial Forecasts, Vol. 36, No. 12, December 1, 2017

[2] Equals 30-day average of 30-year Treasury Bond yield less the 30-day average of 30-year TIPS yield as of February 28, 2018

[3] Bureau of Economic Analysis, last revised February 28, 2018