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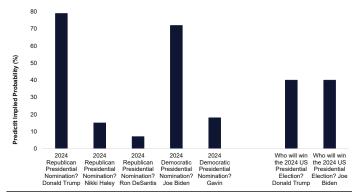
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Road to the White House: Part 2

- On December 6, Republicans held what may be their last debate before the primary season.
- Predictlt now gives former President Trump 79% odds of being the Republican nominee followed by Nikki Haley at 15%. Meanwhile, President Biden has 72% odds of being the Democratic nominee followed by Gavin Newsom at 18%. The ultimate Democratic nominee has 54% odds of winning the Presidential election versus 47% for the Republican challenger.
- In 2024, Democrats are using South Carolina and Michigan as their early primary states. The winners in South Carolina and Iowa have won the nomination more frequently than those of New Hampshire or Michigan. Republicans are sticking with Iowa and New Hampshire to start. The winners in South Carolina, New Hampshire, and Michigan have won the nomination more consistently than those who won in Iowa.
- In 2024, the Presidential election will likely come down to several battleground states that Biden won in 2020 but have recently been favoring Trump in the early polls. A recent CNN poll in two battleground states also showed Trump doing better with younger voters than in 2020.
- General elections since 1968 produced gridlock a little more often than a unified government with the Presidency, House, and Senate all controlled by the same party. The Presidency has flipped parties the most from one general election to the next. The House has flipped parties the least from one general election to the next (omitting midterm realignments).
- Republicans are from Mars and Democrats are from Venus. GOP voters prioritize inflation, the deficit, and immigration; Democrats focus more on gun violence, climate change, and healthcare.
- The Presidential approval rating is currently 37%; since 1963 it's been higher 90% of the time.
- Please click <u>here</u> for Road to the White House: Part 1.

Figure 1: Predictlt Implied Probability for 2024 Presidential Nomination and Election



Source: Bloomberg as of December 12, 2023. All forecasts are expressions of opinion and are subject to change without notice and are not intended to be a guarantee of future events. Real results may vary.

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Road to the White House: Part 2

On December 6, four Republican primary candidates participated in what could be the last debate before the primary season gets underway. At this juncture, Predictlt gives former President Trump 79% odds of being the Republican nominee followed by Nikki Haley at 15%. President Biden garners 72% odds of being the Democratic nominee followed by Gavin Newsom at 18% (**Figure 1**). Predictlt also assigns the ultimate Democratic nominee 54% odds of winning the Presidential election on November 5, 2024, versus 47% odds for the Republican nominee.

Primary Season

While the Grand Old Party (GOP) is sticking with its primary delegate process that starts off in Iowa and New Hampshire, Democrats are now using South Carolina and Michigan as their early primary states. These contests are coming up with the Iowa caucuses on January 15, the New Hampshire primaries on January 23, the South Carolina Democratic primary on February 3, the Nevada Republican primary on February 8, the Michigan primary on February 27, and Super Tuesday on March 5.

Since 1972, the Democratic winner in South Carolina won their party's nomination 75% of the time versus Iowa at 73%, Michigan at 58%, and New Hampshire at 54% (**Figure 2**). The GOP winner in South Carolina later received the party nomination 88% of the time followed by New Hampshire at 85%, and Michigan at 75%. By contrast, the GOP candidate that won in Iowa received the party's nomination just 58% of the time.

Figure 2: Iowa, New Hampshire, South Carolina, Michigan Primaries and Ultimate Presidential Candidate

| Presidential Election Year | Iowa | | New Hampshire | | South Carolina | | Michigan | | Ultimate Winner | |
|----------------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|
| | Democrat | Republican |
| 2020 | Pete Buttigieg | Donald Trump | Bernie Sanders | Donald Trump | Joe Biden | N/A | Joe Biden | Donald Trump | Joe Biden | Donald Trump |
| 2016 | Hillary Clinton | Ted Cruz | Bernie Sanders | Donald Trump | Hillary Clinton | Donald Trump | Bernie Sanders | Donald Trump | Hillary Clinton | Donald Trump |
| 2012 | Barack Obama | Rick Santorum | Barack Obama | Mitt Romney | Barack Obama | Newt Gingrich | Barack Obama | Mitt Romney | Barack Obama | Mitt Romney |
| 2008 | Barack Obama | Mike Huckabee | Hillary Clinton | John McCain | Barack Obama | John McCain | Hillary Clinton | Mitt Romney | Barack Obama | John McCain |
| 2004 | John Kerry | George W. Bush | John Kerry | George W. Bush | John Edwards | N/A | John Kerry | N/Å | John Kerry | George W. Bush |
| 2000 | Al Gore | George W. Bush | Al Gore | John McCain | Al Gore | George W. Bush | Al Gore | John McCain | Al Gore | George W. Bush |
| 1996 | Bill Clinton | Bob Dole | Bill Clinton | Pat Buchanan | N/A | Bob Dole | Uncommitted | Bob Dole | Bill Clinton | Bob Dole |
| 1992 | Tom Harkin | George H.W. Bush | Paul Tsongas | George H.W. Bush | Bill Clinton | George H.W. Bush | Bill Clinton | George H.W. Bush | Bill Clinton | George H.W. Bush |
| 1988 | Dick Gephardt | Bob Dole | Michael Dukakis | George H.W. Bush | Jesse Jackson | George H.W. Bush | Jesse Jackson | George H.W. Bush | Michael Dukakis | George H.W. Bush |
| 1984 | Walter Mondale | Ronald Reagan | Gary Hart | Ronald Reagan | N/A | N/A | Walter Mondale | Ronald Reagan | Walter Mondale | Ronald Reagan |
| 1980 | Jimmy Carter | George H.W. Bush | Jimmy Carter | Ronald Reagan | N/A | Ronald Reagan | Ted Kennedy | George H.W. Bush | Jimmy Carter | Ronald Reagan |
| 1976 | Uncommitted | Gerald Ford | Jimmy Carter | Gerald Ford | N/A | N/A | Jimmy Carter | Gerald Ford | Jimmy Carter | Gerald Ford |
| 1972 | Uncommitted | N/A | Edmund Muskie | Richard Nixon | N/A | N/A | George Wallace | Richard Nixon | George McGovern | Richard Nixon |
| % of Primary Winner to | | | | | | | | | | |
| Reach General Election | 73% | 58% | 54% | 85% | 75% | 88% | 58% | 75% | | |

Source: Federal Election Commission United States of America and Wikipedia as of December 13, 2023. For illustrative purposes only. All forecasts are expressions of opinion and are subject to change without notice and are not intended to be a guarantee of future events.

Republicans will formerly select their party's nomination at the Republican National Convention (RNC) which is scheduled to take place in Milwaukee, Wisconsin, from July 15-18, 2024. The DNC will be held in Chicago, Illinois, from August 19-22, 2024.

Stock Market in Presidential Years

A constructive/challenging economic environment can be a tailwind/headwind for incumbents as well as for stocks. In year's when the incumbent party's candidate subsequently won the Presidential election, the stock market performed better in the beginning of the year, on average, while the early primaries and Super Tuesday contests were taking place, as well as the sitting President's State of the Union Address (**Figure 3**).

The early year pattern of stocks doing better in years when the incumbent party candidate later won has tended to repeat itself in the weeks prior to the general election. On average, stocks posted better full-year performance in instances when the incumbent party candidate was able to retain the keys to the White House.

Battleground States

While a lot of attention is given to national polls, in 2024 the Presidential election will likely come down to the battleground states such as Arizona, Georgia, Michigan, Nevada, Pennsylvania, and Wisconsin. President Biden won all these states in 2020 but early polling has former President Trump ahead in five of the six with Wisconsin being the exception (**Figure 4**).

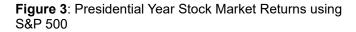
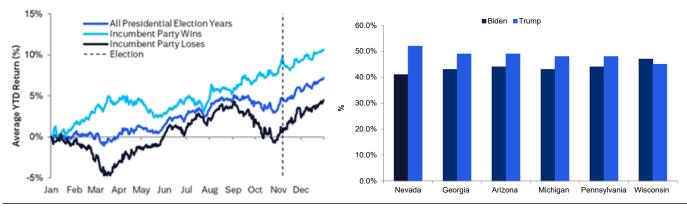


Figure 4: 2024 Presidential Winner Early Polls: Biden vs Trump



Source: Haver Analytics as of December 15, 2023 (left) and <u>New York Times</u> as of November 5, 2023 (right) All forecasts are expressions of opinion and are subject to change without notice and are not intended to be a guarantee of future events. Indices are unmanaged. An investor cannot invest directly in an index. They are shown for illustrative purposes only and do not represent the performance of any specific investment. Index returns do not include any expenses, fees or sales charges, which would lower performance. **Past performance is no guarantee of future results. Real results may vary.**

A recent CNN poll¹ zeroing in on two battleground states sheds some light on how potential voters currently view the two top contenders. Only 35% in Michigan and 39% in Georgia approve of President Biden's job performance with over half saying his policies have worsened economic conditions. A majority of those surveyed in both states say President Biden does not have the attributes they're seeking in a president when it comes to his policy positions, his ability to understand the problems of people like them or his sharpness and stamina. Trump fares worse than Biden on his temperament. Among those who would support Biden over Trump in a rematch, fewer than a third describe him as being exactly what they are looking for in terms of the aforementioned attributes, but they are even less enthralled with Trump. Trump supporters are similarly negative on Biden but a majority of them see the former President as being ideal apart from his temperament.

Trump is doing better among younger voters in the poll. Those 45 or younger in Georgia favor him over Biden by 50% vs. 40%, while those in Michigan favor the former President by 49% vs. 38%.

Gridlock and Change

General elections since 1968 produced gridlock a little more often than a unified government with the Presidency, House, and Senate all controlled by the same party (**Figure 5**).

Among these areas of the federal government, the Presidency has flipped parties the most often from one general election to the next. If we ignore midterm realignments in the House and Senate and focus only on the party affiliations following the general elections, the House has flipped parties the least from one general election to the next.

Problems to Tackle

Republicans are from Mars and Democrats are from Venus. GOP voters prioritize inflation, the deficit, and illegal immigration much more than Democrats do (**Figure 6**). Democrats care more about gun violence, climate change, racism, and healthcare affordability than Republicans. Where both sides are closest to each other is on how they prioritize unemployment, bipartisanship, drug addiction, violent crime, education, and the nation's infrastructure.

Jennifer Agiesta and Ariel Edwards-Levy, CNN Polls: Trump leads Biden in Michigan and Georgia as broad majorities hold negative views of the current president, https://www.cnn.com/2023/12/11/politics/cnn-polls-trump-biden-michigan-georgia/index.html

Figure 5: General Election Results by Political Party since 1968

Figure 6: % Who Say Each of the Following Is a Very Big Problem in the Country Today

| | - | - | - | - | - | | Dem/Lean | Rep/Lean | |
|-------------|-------------------|----------------|--------------------------------------|--|-----------------|---|----------|----------|-------|
| Presidentia | | | | | Party | | Dem | Rep | Total |
| Year | Congress | House Majority | Senate Majority | Presidency | Government | Inflation | 52 | 77 | 65 |
| 1968 | 91st (1969–1971) | Democrats | Democrats | Republican (Nixon) | Divided | The Affordability of Health Care | 73 | 54 | 64 |
| 1972 | 93rd (1973–1975) | Democrats | Democrats | Republican (Nixon / Ford) ¹ | Divided | The Ability of Dems/Reps to Work Together | 62 | 63 | 62 |
| 1976 | 95th (1977–1979) | Democrats | Democrats | Democrat (Carter) | Unified | Drug Addiction | 56 | 64 | 61 |
| 1980 | 97th (1981-1983) | Democrats | Republicans | Republican (Reagan) | Divided | Gun Violence | 81 | 38 | 60 |
| 1984 | 99th (1985-1987) | Democrats | Republicans | Republican (Reagan) | Divided | Violent Crime | 52 | 64 | 59 |
| 1988 | 101st (1989-1991) | Democrats | Democrats | Republican (G.H.W. Bush) | Divided | The Federal Budget Deficit | 39 | 72 | 56 |
| 1992 | 103rd (1993-1995) | Democrats | Democrats | Democrat (Clinton) | Unified | 5 | | | |
| 1996 | 105th (1997–1999) | Republicans | Republicans | Democrat (Clinton) | Divided | The State of Moral Values | 39 | 69 | 54 |
| 2000 | 107th (2001–2003) | Republicans | Republicans / Democrats ² | Republican (G.W. Bush) | Unified/Divided | Illegal Immigration | 25 | 70 | 47 |
| 2000 | 109th (2005–2007) | Republicans | Republicans | Republican (G.W. Bush) | Unified | The Quality of Public K-12 Schools | 43 | 51 | 47 |
| | , | | | , | | Climate Change | 64 | 14 | 39 |
| 2008 | 111th (2009–2011) | Democrats | Democrats | Democrat (Obama) | Unified | Racism | 55 | 14 | 35 |
| 2012 | 113th (2013–2015) | Republicans | Democrats | Democrat (Obama) | Divided | Condition of Roads, Bridges, and Other Infrastructure | 37 | 29 | 34 |
| 2016 | 115th (2017–2019) | Republicans | Republicans | Republican (Trump) | Unified | Domestic Terrorism | 41 | 25 | 34 |
| 2020 | 117th (2021-2023) | Democrats | Democrats ³ | Democrat (Biden) | Unified | International Terrorism | 23 | 36 | 30 |
| | | | | | | Unemployment | 23 | 23 | 24 |

¹When Republican President Richard Nixon resigned on August 9, 1974, then-Vice President Gerald Ford, a Republican, became President for the remainder of the 93rd Congress.

²Control of the U.S. Senate changed hands several times in the 107th Congress. From January 3–20, 2001, the Senate was evenly divided between the two parties, the Democrats held the majority due to the deciding vote of outgoing Democratic Vice President AI Gore. After the inauguration of Republican President George W. Bush and Vice President Richard Cheney—with Cheney holding the deciding vote—Senate Republicans assumed the majority. In June 2001, Senator James Jeffords of Vermont switched from being a Republican to an Independent, caucusing with the Democrats, and transferring the majority to the Democrats. Late in that Congress, the death of Democratic Senator Paul Wellstone of Minnesota, the appointment of an Independent to fill his seat, and the election of Republican Senator James M. Talent of Missouri to fill the remainder of the term of the late Senator Mel Carnahan, shifted the balance once again to the Republicans in November 2002, for the remaining two months of the Congress.

³On the opening day of the 117th Congress, the U.S. Senate was comprised of 51 Republicans, 46 Democrats, 2 Independents (who caucused with the Democrats), and 1 vacancy. No candidate received a majority of votes in the general election for Georgia's class 2 seat or in the special election for Georgia's class 3 seat. Runoff elections for both of the state's Senate seats were scheduled for January 5, 2021. Democratic candidates won both elections. Following the inauguration of Vice President Kamala D. Harris on January 20, 2021, the Senate had a Democratic majority, comprised of 50 Republicans, 48 Democrats, and 2 Independents (who caucus with the Democrats). The Vice President is able to cast tie-breaking votes in the Senate.

Source: https://history.house.gov/Institution/Presidents-Coinciding/Party-Government (left) as of December 13, 2023 and Pew Research Center (right) poll conducted June 5-11, 2023. All forecasts are expressions of opinion and are subject to change without notice and are not intended to be a guarantee of future events. Past performance is no guarantee of future results. Real results may vary.

Parting Thoughts

President Biden's latest approval rating is 37% (**Figure 7**). Since 1963 sitting US Presidents have had a higher approval rating 90% of the time. As of now, he is the top contender for the Democratic party's nomination while former President Trump is pacing far ahead of his GOP rivals. Should one or both candidates step aside for health or other reasons, both parties do have other suitable candidates. But that's fodder for another time if warranted.

The final year of a Presidential term has been the second best overall, on average, within the four-year Presidential cycle for the stock market since 1900 (**Figures 8-9**). It's been the best with a Republican in the White House, the second-best following either an incumbent win or loss, and the third-best with a Democrat in the White House. That said, we think the outlook for the economy, profits, interest rates, and valuation levels are the more important performance drivers.

In our <u>2024 Outlook</u> report, we expect inflation to fall, the Fed to cut rates, and stock market leadership to broaden out on rising profits. But we also expect US GDP growth to be slower than in 2023 and for geopolitical tensions to persist. It's a long way between now and November 5, 2024, and the betting odds are close. Polls can provide a glimpse of sentiment, but they are not infallible and can change between now and election day. So, stay tuned!!!

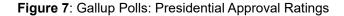
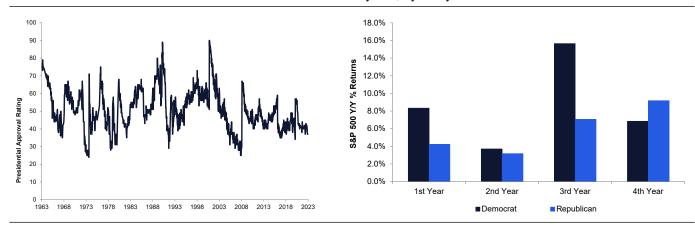


Figure 8: S&P 500 Performance During Presidential Cycles, by Party since 1900



Source: Gallup Analytics of November 21, 2023 (left) and Haver Analytics as of December 13, 2023 (right). All forecasts are expressions of opinion and are subject to change without notice and are not intended to be a guarantee of future events. Indices are unmanaged. An investor cannot invest directly in an index. They are shown for illustrative purposes only and do not represent the performance of any specific investment. Index returns do not include any expenses, fees or sales charges, which would lower performance. **Past performance is no guarantee of future results. Real results may vary**.

| President | Election | | 1st Year | of Pres. Cvcle | 2nd Year | of Pres. Cvcle | 3rd Yea | r of Pres. Cvcle | 4th Year | r of Pres. Cvcle | Four-Year |
|---|------------------|-------|----------|-----------------|----------|-----------------|---------|------------------|----------|------------------|--------------|
| (*denotes incumbent when elected) | Year | Party | Year | Full Year Perf. | Year | Full Year Perf. | Year | Full Year Perf. | Year | Full Year Perf. | Cycle Return |
| (| | | | | | | | | | | |
| *William McKinley (T. Roosevelt as of 9/14/01) | 1900 | Rep | 1901 | 15.7% | 1902 | 1.3% | 1903 | -18.4% | 1904 | 25.6% | 20.1% |
| *Theodore Roosevelt | 1904 | Rep | 1905 | 15.6% | 1906 | 3.1% | 1907 | -33.2% | 1908 | 37.4% | 9.5% |
| William H. Taft | 1908 | Rep | 1909 | 14.1% | 1910 | -12.1% | 1911 | 0.7% | 1912 | 3.0% | 3.9% |
| Woodrow Wilson | 1912 | Dem | 1913 | -14.3% | 1914 | -8.6% | 1915 | 29.0% | 1916 | 3.4% | 4.5% |
| *Woodrow Wilson | 1916 | Dem | 1917 | -30.6% | 1918 | 16.4% | 1919 | 14.0% | 1920 | -24.5% | -30.5% |
| Warren G. Harding (C. Coolidge as of 8/2/23) | 1920 | Rep | 1921 | 7.4% | 1922 | 20.9% | 1923 | -1.5% | 1924 | 18.8% | 52.0% |
| *Calvin Coolidge | 1924 | Rep | 1925 | 23.3% | 1926 | 5.7% | 1927 | 30.9% | 1928 | 37.9% | 135.2% |
| Herbert Hoover | 1928 | Rep | 1929 | -11.9% | 1930 | -28.5% | 1931 | -47.0% | 1932 | -15.2% | -71.7% |
| Franklin D. Roosevelt | 1932 | Dem | 1933 | 46.6% | 1934 | -6.0% | 1935 | 41.5% | 1936 | 27.8% | 149.4% |
| *Franklin D. Roosevelt | 1936 | Dem | 1937 | -38.6% | 1938 | 25.3% | 1939 | -5.4% | 1940 | -15.3% | -38.4% |
| *Franklin D. Roosevelt | 1940 | Dem | 1941 | -17.9% | 1942 | 12.4% | 1943 | 19.4% | 1944 | 13.8% | 25.5% |
| Franklin D. Roosevelt (Truman as of 4/12/45) | 1944 | Dem | 1945 | 30.7% | 1946 | -11.9% | 1947 | 0.0% | 1948 | -0.7% | 14.5% |
| *Harry S. Truman | 1948 | Dem | 1949 | 10.3% | 1950 | 21.8% | 1951 | 16.5% | 1952 | 11.8% | 74.8% |
| Dwight D. Eisenhower | 1952 | Rep | 1953 | -6.6% | 1954 | 45.0% | 1955 | 26.4% | 1956 | 2.6% | 75.6% |
| *Dwight D. Eisenhower | 1956 | Rep | 1957 | -14.3% | 1958 | 38.1% | 1959 | 8.5% | 1960 | -3.0% | 24.5% |
| John F. Kennedy (Johnson as of 11/23/63) | 1960 | Dem | 1961 | 23.1% | 1962 | -11.8% | 1963 | 18.9% | 1964 | 13.0% | 45.8% |
| *Lyndon B. Johnson | 1964 | Dem | 1965 | 9.1% | 1966 | -13.1% | 1967 | 20.1% | 1968 | 7.7% | 22.5% |
| Richard M. Nixon | 1968 | Rep | 1969 | -11.4% | 1970 | 0.1% | 1971 | 10.8% | 1972 | 15.6% | 13.7% |
| *Richard M. Nixon (Ford as of 8/9/74) | 1972 | Rep | 1973 | -17.4% | 1974 | -29.7% | 1975 | 31.5% | 1976 | 19.1% | -9.0% |
| Jimmy Carter | 1976 | Dem | 1977 | -11.5% | 1978 | 1.1% | 1979 | 12.3% | 1980 | 25.8% | 26.3% |
| Ronald Reagan | 1980 | Rep | 1981 | -9.7% | 1982 | 14.8% | 1983 | 17.3% | 1984 | 1.4% | 23.2% |
| *Ronald Reagan | 1984 | Rep | 1985 | 26.3% | 1986 | 14.6% | 1987 | 2.0% | 1988 | 12.4% | 66.1% |
| George H.W. Bush | 1988 | Rep | 1989 | 27.3% | 1990 | -6.6% | 1991 | 26.3% | 1992 | 4.5% | 56.9% |
| William J. Clinton | 1992 | Dem | 1993 | 7.1% | 1994 | -1.5% | 1995 | 34.1% | 1996 | 20.3% | 70.0% |
| *William J. Clinton | 1996 | Dem | 1997 | 31.0% | 1998 | 26.7% | 1999 | 19.5% | 2000 | -10.1% | 78.2% |
| George W. Bush | 2000 | Rep | 2001 | -13.0% | 2002 | -23.4% | 2003 | 26.4% | 2004 | 9.0% | -8.2% |
| *George W. Bush | 2004 | Rep | 2005 | 3.0% | 2006 | 13.6% | 2007 | 3.5% | 2008 | -38.5% | -25.5% |
| Barack H. Obama | 2008 | Dem | 2009 | 23.5% | 2010 | 12.8% | 2011 | 0.0% | 2012 | 13.4% | 57.9% |
| *Barack H. Obama | 2012 | Dem | 2013 | 29.6% | 2014 | 11.4% | 2015 | -0.7% | 2016 | 9.5% | 57.0% |
| Donald J. Trump | 2016 | Rep | 2017 | 19.4% | 2018 | -6.2% | 2019 | 28.9% | 2020 | 16.3% | 67.8% |
| Joseph R. Biden | 2020 | Dem | 2021 | 26.9% | 2022 | -19.4% | 2023 | | | | |
| | | | - | | | - | | | | | |
| Overall Average | | | | 6.21% | | 3.43% | | 11.07% | | 8.09% | 33.05% |
| Median | | | 1 | 9.06% | | 1.26% | | 15.22% | 1 | 10.67% | 25.01% |
| Average after incumbent wins re-election | | | 1 | 3.22% | | 11.26% | | 7.92% | 1 | 3.26% | 33.25% |
| Average following an incumbent loss ¹ | | | | 11.31% | | -4.16% | | 30.47% | | 13.22% | 61.76% |
| Average following an incumbent loss ² | | | | 7.51% | | -3.29% | | 26.84% | | 15.73% | 54.67% |
| Notes: | | I | I | 1.5170 | I | -0.2070 | u | 20.0470 | | 13.7570 | I 34.0770 |
| EDR's last term is counted as Truman's first term a | nd in not includ | | | | | | | | | | |

Figure 9: S&P 500 Performance During Presidential Cycles, By Year

FDR's last term is counted as Truman's first term and is not included in any incumbent averages. Years in Nixon's and McKinley's 2nd terms are not included in the incumbent averages if they did not serve for more than half of the year in question. The time served by their

successor was counted as the successor's first term.

¹Incumbents who lost re-election bid: William Howard Taft (1912), Herbert Hoover (1932), Jimmy Carter (1980), George H.W. Bush (1992), Donald J. Trump (2020)

²Average following an incumbent loss (if include Gerald Ford)

Source: Haver Analytics and <u>https://www.whitehouse.gov/</u> as of December 13, 2023. All forecasts are expressions of opinion and are subject to change without notice and are not intended to be a guarantee of future events. Indices are unmanaged. An investor cannot invest directly in an index. They are shown for illustrative purposes only and do not represent the performance of any specific investment. Index returns do not include any expenses, fees or sales charges, which would lower performance. **Past performance is no guarantee of future results. Real results may vary.**

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| Bond credit quality ratings | Rating agencies | | | | | | | |
|---|----------------------|----------------------------------|----------------------------|--|--|--|--|--|
| Credit risk | Moody's ¹ | Standard and Poor's ² | Fitch Ratings ² | | | | | |
| Investment Grade | | | | | | | | |
| Highest quality | Aaa | AAA | AAA | | | | | |
| High quality (very strong) | Aa | AA | AA | | | | | |
| Upper medium grade (Strong) | А | А | А | | | | | |
| Medium grade | Baa | BBB | BBB | | | | | |
| Not Investment Grade | | | | | | | | |
| Lower medium grade (somewhat speculative) | Ba | BB | BB | | | | | |
| Low grade (speculative) | В | В | В | | | | | |
| Poor quality (may default) | Caa | CCC | ССС | | | | | |
| Most speculative | Ca | CC | СС | | | | | |
| No interest being paid or bankruptcy petition filed | С | D | С | | | | | |
| In default | С | D | D | | | | | |

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