

FISCAL STIMULUS IS UNLIKELY TO CAUSE PERSISTENTLY HIGHER INFLATION

May, 2021

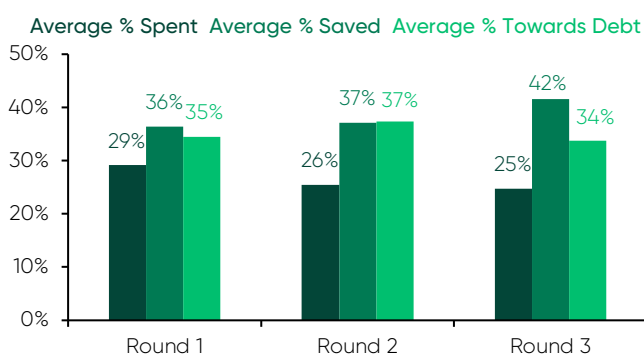
KEY POINTS

- Majority of stimulus checks allocated to debt repayment and savings rather than consumer spending.
- Real GDP growth increases modestly following stimulus, losing momentum in proceeding years.
- Despite recent data points showing price increases, we expect inflation will remain benign longer term and growth leadership to resume.

Several prominent economists have argued the recently passed \$1.9 trillion American Rescue Plan portends high inflation, stirring some investors' fears. Unlike prior COVID-19 relief packages, they argue, this package is too frivolous in handing out cash, which will inevitably trickle down to the real economy and push prices higher. We disagree with this for a number of reasons, not least because there is not much evidence money is changing hands quickly. Some recent survey and data results illustrate this, showing why investors needn't fear runaway inflation hurting stocks.

Exhibit 1 shows results from a recent New York Fed survey, which asked stimulus check recipients how they allocated proceeds among spending, saving and paying down debt. Perhaps surprising many, recipients reported spending only 26% of funds (on average across the three rounds of stimulus checks), saving or paying down debt with the balance.

Exhibit 1: Distribution of Stimulus Check Usage

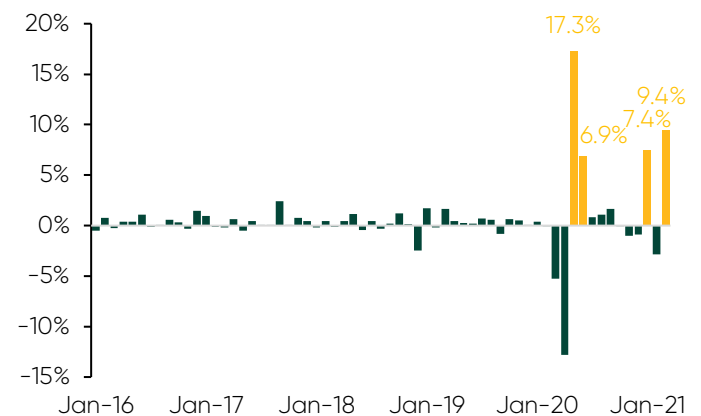


Source: Federal Reserve Bank of New York, as of 4/19/2021.

While the percentage spent was surprisingly small, the checks were still big enough to impact retail sales data. As Exhibit 2 shows, each of the four largest monthly gains in recent years (May 2020, June 2020, January 2021 and March 2021) occurred in the aftermath of COVID relief checks being distributed. However, the post-check bounces were short-lived,

which suggests the impact from the latest round is mostly in the rearview already. Absent additional waves of checks, retail sales growth is likely to decelerate.

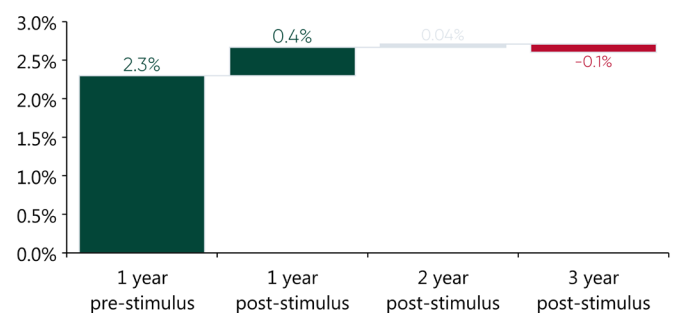
Exhibit 2: US Retail Sales Growth (M/M % Change)



Source: US Census Bureau, as of 4/19/2021.

Similarly fiscal stimulus may provide a near-term boost to consumer spending and GDP growth, but historical data shows that stimulus have only a modest effect and that this effect quickly fades. As seen in Exhibit 3, historically the median real GDP growth rate modestly increases +40 bps in the year following stimulus, but loses momentum in the following years, with growth decelerating by year 3 post stimulus.

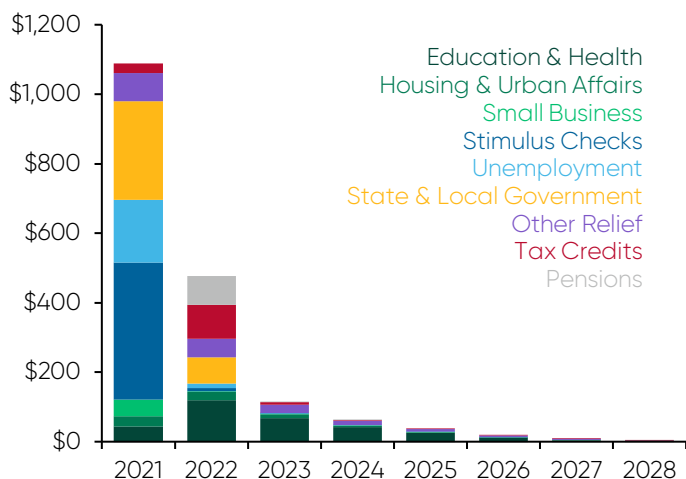
Exhibit 3: Median GDP Growth Post Stimulus



Source: St. Louis FED, Fisher Investments Research Stimulus Dates; Real GDP in 2012 chained prices, SAAR.

Of course, the stimulus checks are only one aspect of the American Rescue Plan. However, according to analysis done by the Congressional Budget Office, the checks are the largest component of the plan, accounting for 36% of fiscal year 2021 outlays. Additionally, the next two largest components, state and local government relief and unemployment compensation are, to a large degree, replacing pre-pandemic income rather than adding to it. Substitution isn't stimulus. So while we acknowledge the package may impact some prices by boosting demand of some goods relative to supply, that doesn't equate to broad and lasting inflation, which entails prices rising across the entire economy for a significant length of time.

Exhibit 4: American Rescue Plan Spending Details



Source: Congressional Budget Office, US House of Representatives archives. Estimated budgetary effects as passed by the Senate on March 6th, 2021. Estimates are relative to CBO's February 2021 baseline. Components may not sum to totals because of rounding.

That doesn't mean inflation is permanently absent. The April headline US CPI came in at 4.2% Y/Y, exceeding consensus forecasts of 3.6%. This was the largest increase since 2008, further spurring inflation fears among investors. While much of the increase can be attributed to base effects, which are likely to spill over into May, base effects were widely anticipated and don't account for the upside surprise. Fed officials have remained dovish and reiterated that they believe this is likely to be a temporary jump in inflation. In this case we would be inclined to agree. Key contributors to the rise, beyond used cars, whose prices soared were more typical reopening categories like airfares, shelter and recreation, signaling a strong demand recovery as things start returning to normalcy. In our view, this is likely temporary as the initial pent-up demand fades and companies start catching up and running at full capacity following recessionary cutbacks during the pandemic.

For inflation to be lasting it probably requires a lasting pickup in the velocity of money, which we haven't seen. To the extent any official money supply measures accurately capture what society uses as money, last year's large increases in money supply didn't stoke inflation. If that changes, velocity won't just appear out of nowhere. There will be tells, most likely from a significantly steeper yield curve and rising lending. Even then, rising inflation has accompanied some excellent years for equities.

A short-term jump in consumer prices aren't reason to be bearish today. Although the April CPI and PPI numbers were higher than expected, a significant jump in prices was widely anticipated due to base effects and is likely transitory in our view.

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