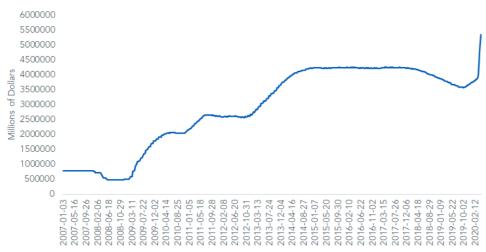
THE FED GOES BOND BUYING

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There's no rest for the Federal Reserve (Fed). Another week, another facility, but this time around it did not involve the money and bond markets. Rather, it was a program geared toward the small business sector of the economy. With the alphabet soup of facilities that have all been announced by the Fed over the last month, I thought it would be useful to narrow the scope a bit and just focus on the programs that involve the financial markets more directly. In other words, the Fed is going bond buying.

In essence, the Fed has now injected itself into almost every domestic money and bond market domain: money market mutual funds, commercial paper, <u>Treasuries (UST)</u>, <u>mortgage-backed securities (MBS)</u>, <u>municipals</u>, <u>investment-grade (IG)</u> <u>corporates</u>, <u>high yield (HY)</u>, <u>collateralized loan obligations (CLOs)</u> and commercial MBS. Dizzy yet? Let's see if we can make it a little more user-friendly for you.

Fed Holdings of Treasuries, Agency Debt & MBS



Source: Federal Reserve, as of 4/16/20. Past performance is not indicative of future results.

Without a doubt, the first place to start is <u>quantitative easing (QE)</u>, or the Fed's outright purchases of Treasuries and MBS. Since the <u>FOMC</u> announced QE4 on March 15, the bond buying has been fast and furious. According to the latest data, Fed holdings of these two asset classes have surged by nearly \$1.5 trillion in just a one-month span (see graph).

With respect to the rest of the Fed's overall <u>balance sheet</u>, this is where things get a little interesting. Even though additional programs have been announced, not all of these facilities are up and running yet. In the case of the <u>Commerci al Paper Funding Facility (CPFF)</u>, it was only launched last week. Of the programs/facilities currently operational (not all of which are strictly money and bond market-oriented), an additional \$500 billion has also been added to the balance sheet, bringing the combined total to about \$2 trillion. The balance sheet as a whole is now in excess of \$6 trillion—or to quote Ralph Kramden, "a mere bag of shells." LOL.

Thus far, you have to give the Fed relatively high grades for not just its proactive policy responses, but perhaps more importantly, how the markets have reacted. Remember, it is all about results! Dislocations and/or pressures in the funding, Treasury and credit markets have eased. In the case of UST purchases, the Fed has pared back its torrid pace of buying, no doubt a sign the policymakers feel the situation there has improved enough to do so.

The Bottom Line: That's the good news. However, the Fed can't rest on its laurels at this point. The last thing anyone wants is for the recent improved setting to take a step backward. In other words, the policymakers must follow through on their prior announcements and get the IG/HY corporate and muni facilities up and running, which as of this writing



was not yet the case. Hopefully, Fed buying in these bond arenas can be limited in nature because the markets are functioning better, but they will still need to "deliver the goods."

Unless otherwise stated, data source is Bloomberg as of April 17, 2020.

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DEFINITIONS

Federal Reserve: The Federal Reserve System is the central banking system of the United States.

Treasury: Debt obligation issued by the U.S. government with payments of principal and interest backed by the full faith and credit of the U.S. government.

Mortgage-backed securities: Fixed income securities that are composed of multiple underlying mortgages.

Municipal Bond: A debt security issued by a state, municipality or county to finance its capital expenditure.

Investment grade: An investment grade is a rating that signifies a municipal or corporate bond presents a relatively low risk of default.

High Yield Corporate (Bond): a type of corporate bond that offers a higher rate of interest because of its higher risk of default.

Collateralized loan obligations: a security whose value is determined by pool of bank loan.

Quantitative Easing (QE): A government monetary policy occasionally used to increase the money supply by buying government securities or other securities from the market. Quantitative easing increases the money supply by flooding financial institutions with capital, in an effort to promote increased lending and liquidity.

Federal Open Market Committee (FOMC): The branch of the Federal Reserve Board that determines the direction of monetary policy.

Balance sheet: refers to the cash and cash equivalents part of the Current Assets on a firms balance sheet and cash available for purchasing new position.

