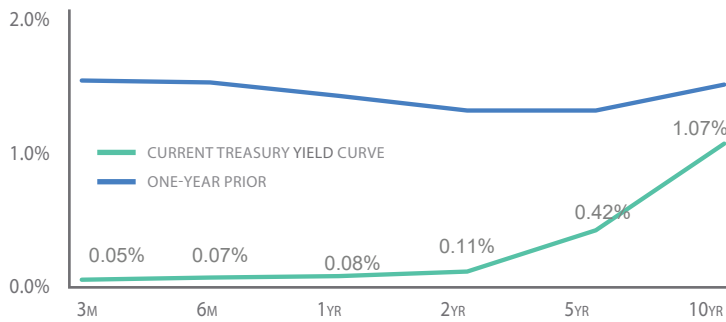
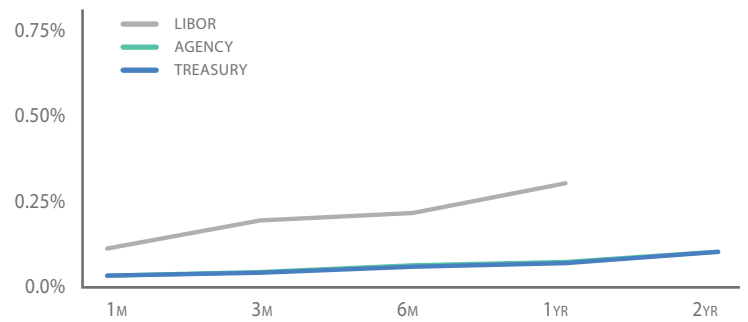


Historical Treasury Yield Curve



Source: Bloomberg Finance L.P. 1/31/21

Market Yields



Source: Bloomberg Finance L.P. 1/31/21

FEATURED MARKET DATA

Spread Sectors Add Income

Most sectors of the fixed income market offer Option Adjusted Spreads (OAS) which aid income. OAS represents the yield of a security or sector of the market in excess of a US Treasury security with the same maturity, adjusted for any embedded option such as a call option. Investing in securities with higher spread levels generally leads to higher excess returns. This is because the higher spread generates additional income which can help offset negative price returns caused by rising rates or spread widening. While absolute yields and spreads have mostly declined over the past year, we believe thoughtful security selection will enhance total returns in 2021.

Source: Bloomberg, PMA Asset Management

Option Adjusted Spreads (OAS)

Bloomberg Barclays U.S. Aggregate

Sector	Current	1Yr Ago	Change
Industrials	101	108	-7
Utilities	103	101	2
Financials	84	86	-2
Municipals	86	82	4
Mortgage-Backed Securities	20	48	-28
Asset-Backed Securities	26	30	-4

Sources: Bloomberg

RECENT NEWS

GDP Ends Year Strong

GDP grew at a solid 4% annualized rate in the 4th quarter of 2020 following over 33% growth in the 3rd quarter. The strong second half rebound wasn't enough to offset the tremendous decline in the first half of 2020. For the full year, GDP declined 3.5% compared to 2019. Highlights in the 4th quarter were continued strength in corporate and residential housing. Consumer spending slowed to 2.5% for the quarter. Looking ahead to 2021, the Congressional Budget Office (CBO) expects GDP to grow 3.7%. The agency said the \$900 billion relief bill enacted in December will add about 1.5% to the level of GDP this year and in 2022.

Source: Wall Street Journal

U.S. Economic Indicators

Event	Event Date	Period	Survey	Actual	Prior / Revised (R)
Consumer Price Index (YoY)	01/13/21	DEC	1.3%	1.4%	1.2%
Core CPI (YoY)	01/13/21	DEC	1.6%	1.6%	1.6%
Retail Sales Ex. Auto (MoM)	01/15/21	DEC	-0.2%	-1.4%	-1.3% (R)
Housing Starts	01/21/21	DEC	1.56m	1.67m	1.58m (R)
Existing Home Sales	01/22/21	DEC	6.56m	6.76m	6.71m (R)
Consumer Confidence	01/26/21	JAN	89.0	89.3	87.1 (R)
ISM Manufacturing	02/01/21	JAN	60.0	58.7	60.5 (R)
Change in Nonfarm Payrolls	02/05/21	JAN	60K	--	-140K
Unemployment Rate	02/05/21	JAN	6.7%	--	6.7%

Source: Bloomberg Finance L.P. 2/2/21. Glossary terms on page 2.

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Glossary of Terms

Term	What is it:
Building Permits	Records the number of permits for future housing construction.
Capacity Utilization	Tracks the extent to which capacity is being used in the production of goods and services.
Change in Nonfarm Payrolls	This indicator measures the change in the number of employees on business and government payrolls.
Chicago Fed National Activity Index	A nationwide measure of economic activity and inflation pressures. An index value of zero indicates that the national economy is expanding at its historical trend rate of growth.
Consumer Confidence	Index examines how consumers feel about jobs, the economy and spending.
Consumer Price Index (CPI)	Measures the average change in retail prices over time for a basket consisting of more than 200 categories of assorted goods and services paid directly by consumers.
Core Consumer Price Index (Core CPI)	This measure of CPI excludes food and energy costs.
Durable Goods Orders	A measure of new orders placed with domestic manufacturers for durable goods, which are items that last three years or more.
Existing Home Sales	Measures monthly sales of previously owned single-family homes.
GDP Annualized QoQ	Measures the annualized quarterly growth of the final market value of all goods and services produced within a country. GDP is the foremost report on how fast or slow the economy is growing.
Housing Starts	Records the number of new housing units started during a period.
Index of Leading Economic Indicators (LEI)	An index designed to predict the direction of the economy.
Initial Jobless Claims	Tracks new filings for unemployment insurance benefits.
ISM Manufacturing	Measures manufacturing activity based on a monthly survey of purchasing managers.
MBA Mortgage Applications	The Mortgage Bankers Association's weekly mortgage application survey includes home loan application activity for conventional and government loans for home purchases and refinances.
Mortgage Delinquencies	A measure of the percent of total conventional and government loans which are at least one payment past due, but not in the process of foreclosure.
Personal Consumption Expenditure (PCE)	The Federal Reserve's preferred measure of inflation tracks overall price changes for goods and services. Core PCE excludes food and energy.
Personal Income and Spending	Index records the income Americans receive, how much they spend, and what they save.
Retail Sales	Tracks the sale of new and used goods for personal or household consumption.
Retail Sales Ex. Auto	Retail sales excluding motor vehicles and parts.
S&P Case-Shiller Home Price Index	Tracks the value of single-family housing within the U.S. There are multiple indexes including the 20-City Composite.
Unemployment Rate	The U-3 unemployment rates tracks the percentage of the civilian workforce that is unemployed.

Source: Bloomberg, The Secrets of Economic Indicators by Bernard Baumohl; PMA Asset Management, LLC

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