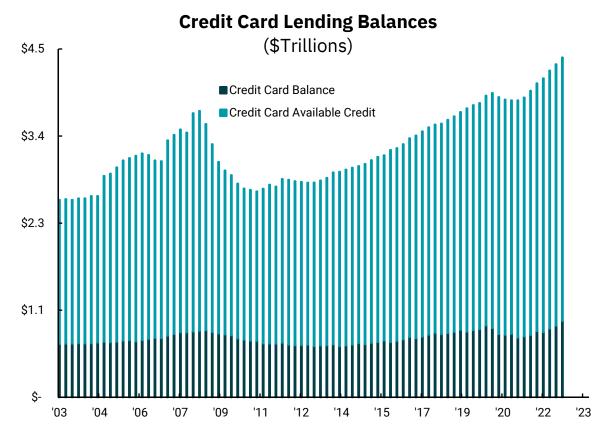
INVESTMENT MANAGEMENT

Weekly market update

Chart of the week (Mar. 03, 2023)





U.S. consumers have been adding to their debt levels at an accelerated rate. For a brief period during the early days of the pandemic, we saw overall debt levels, including credit cards, decline as consumer pocketbooks were filled with multiple rounds of fiscal stimulus. It did not take long, though, for spending to reassert itself as a favorite consumer pastime.

This week's chart focuses on credit card balances which have now reached an all-time high. There are a couple of interesting highlights from this data, which goes back to 2003. During periods of economic stress, like 2008-2009 and again early in the pandemic, banks tend to cut back credit limits. Some of you may remember this happening to you. But as the economy recovers and grows, credit limits are expanded and are now at a record level.

Based on the ratio of balances versus available credit, we do not see a "tapped-out" consumer. That is, unlike our government which has hit its "credit limit," consumers still have lots of credit card borrowing power. While this could act as support for economic growth, we have to realize the cost of this credit is now much higher. As the Fed has increased interest rates, the average rate on credit card balances is nearly 20%. And we have seen delinquencies rise among borrowers with lower credit scores.

In sum, while having access to greater borrowing can be a good thing, actually using this access can come at a high cost.

INVESTMENT MANAGEMENT

Weekly market update



Commentary (Mar. 03, 2023)

Domestic Equities

- U.S. stocks ended the week positive after ebbing and flowing modestly, looking for signs of peaking inflation and clues on how far the Fed will go to curb it.
- Cryptocurrencies saw sharp losses this week as several crypto companies
 cut ties with their bank Silvergate Capital, whose financial troubles threaten
 the industry's ability to fulfill basic transactions. This is the latest blow to
 the credibility of crypto as a viable currency. The crypto market was once
 worth \$3 trillion but is closer to \$1 trillion today.
- Investors have been pulling money out of U.S. equity mutual funds for the
 past nine weeks. This is the longest outflow streak since 2016. Money is
 flowing into money market and bond funds which now offer the highest
 level of income since 2007.

Bonds

- U.S. Treasury yields initially moved higher on stronger than expected U.S. labor data and eurozone inflation figures but rallied into week-end. On Thursday, U.S. Treasury yields made new highs, with the entire curve closing above 4%. However, this was short-lived, with rates rallying on Friday as traders interpreted Atlanta Fed President Raphael Bostic's comments as dovish.
- U.S. inflation-protected securities continue to outperform nominal U.S.
 Treasuries, with higher inflation expectations driving breakevens higher, especially at the short end. The 1-year U.S. breakeven inflation rate closed the week above 3.5%.
- Credit markets were positive for the week, with high-yield bonds outperforming investment-grade corporates. Across the high-yield market, CCC and below rated credits posted the strongest returns.

International Equities

- The global economy is showing renewed strength as new economic data
 points to a widespread revival in growth despite rising borrowing costs and
 elevated energy and food prices, a sign that central banks may need longer
 than anticipated to bring inflation under control.
- Developed markets rebounded this week, with most European and Pacific Rim markets posting gains. Across the eurozone, headline inflation eased slightly to 8.5%, but core inflation increased to 5.6%. The data suggests that inflation is taking a while to come down significantly, raising the probability of further rate hikes in the future.
- Emerging markets rebounded after four consecutive weeks of losses.
 Markets in Asia and Eastern Europe delivered the largest gains. China's economy is showing signs of strength as the manufacturing purchasing manager's index rose to 52.6, the highest reading since April 2012.

Economics

- The Census Bureau reported new orders of durable goods declined 4.5% in January, reversing a 5.1% gain in December. This is the largest monthly decline in new orders since April 2020.
- The Bureau of Economic Analysis (BEA) revised fourth-quarter productivity to 1.7%, down from the advance estimate of 3.0%.
- The BEA also reported total light vehicle sales declined 6.2% in February after rising 18.7% in January as seasonally adjusted annualized rates.
- The Bureau of Labor Statistics reported initial claims for unemployment insurance for the week ending Feb. 25 were 190k, and continuing claims were 1.7 million for the week ending Feb. 18.
- The Job Openings and Labor Turnover Summary (JOLTS) will be released on Wednesday and the February jobs report will be released on Friday.



Weekly Market Update

For Week Ending March 03, 2023

Markets					Equ	ity Styl	le						Economic Data		
	(Change From (Change From	Change From											
	Last Price	Prior Week	Year End	Year Ago	52	00		S&P 500						Last Release	Year Ago
Capital Markets					47	00		OQ1 000					Inflation		
Dow Jones Industrial Avg	33,390.97	1.9%	1.2%	0.9%	47		Maria						CPI Headline Inflation	6.4%	7.5%
S&P 500 Index	4,045.64	2.0%	5.7%	-5.7%	42	00 -	Thu	-44	~~~			A4.0	CPI Core Inflation	5.6%	6.0%
NASDAQ	11,689.01	2.6%	11.9%	-12.9%			M	M and	~ W	~ h~	M	-Anna	Personal Consumption Exp (PCE) Core	4.7%	5.2%
S&P 400 Midcap Index	2,648.27	1.9%	9.2%	1.3%	37	00 -		C) C (MAN					
S&P 600 Smallcap Index	1,269.75	1.8%	9.9%	-2.0%									Jobs		
MSCI EAFE	7,029.19	1.8%	6.8%	1.0%	32	00 -							Unemployment Rate (U3)	3.4%	4.0%
MSCI Emerging Markets	502.71	1.7%	3.4%	-13.3%	27	00							Broader Unemployment Rate (U6)	6.6%	7.1%
Bloomberg US Agg	2,054.52	-0.9%	0.2%	-9.1%	21	00 -							JOLT Survey (in millions)	11.01	11.45
Bloomberg Municipal 5 Yr	468.48	-0.1%	0.0%	-2.6%	22	00 —					_	+	Jobless Claims (000's)	190	182
Bloomberg US Corporate	2,995.30	-1.0%	0.5%	-9.5%		Mar-22	May-2	22 Jul-2	2 Sep-22	Nov-22	, Ja	n-23 Mar-	Change in Non-Farm Payroll (000's)	517	364
Bloomberg Glb Agg ex US Hdg	524.53	-0.3%	1.0%	-6.5%		a	may 2		_ OOP	1101 22	. 04	20	Average Hourly Earnings (Y/Y % Change)	4.4%	5.7%
Bloomberg High Yield	2,247.02	-0.2%	2.0%	-5.0%			4.84 41-	.			V	4 - D - 4 - *			
MSCI US REIT Index	2,044.07	1.2%	6.8%	-13.3%			1 Month	i "			rear	to Date*	Consumer & Spending		
Bloomberg Commodity Index	238.01	2.7%	-3.2%	-9.4%		Value	Core	Growth		Valu	ue (Core Grow		102.9	105.7
,					a)								Consumer Spending (\$ Bil)	18,051	16,726
	Last Price/Yield	Prior Week	Year End	Year Ago	arge	-2.48	-2.01	-1.58	> 10%	5.7	4	5.68 5.6		4,776	4,431
Key Rates					Ľ					La			Retail Sales (\$ Bil)	697	655
Fed Funds Target	4.75%	4.75%	4.50%	0.25%										007	000
3-Month Treasury	4.84%	4.78%	4.34%	0.32%	Mid	-3.71	-2.06	-0.39	0% - 10%	9.9	5 9	9.23 8.4	Housing		
1-Year Treasury	5.00%	4.99%	4.69%	1.03%	2	0		0.00	0,0 10,0	≥ 0.0		5.25	Housing Starts (000's)	1,309	1,666
2-Year Treasury	4.86%	4.81%	4.43%	1.53%	l _					_	_		Case-Shiller Home Price Index	294.68	278.64
5-Year Treasury	4.25%	4.22%	4.00%	1.73%	اهر	-3.31	-3.03	-2.75	<0%	в Е 12. 1	14	9.95 7.8		204.00	270.04
7-Year Treasury	4.14%	4.11%	3.97%	1.80%	S	-3.31	-3.03	-2.75	<076	ıs Va		7.0	U.S. Productivity		
10-Year Treasury	3.95%	3.94%	3.87%	1.84%		*S&P Indice	2.5						Real Gross Domestic Product (\$ Bil)	20,188	20,006
30-Year Treasury						our maioc	,0						Quarter over Quarter Change		
50-Teal Teasury	3.88%	3.93%	3.96%	2.22%	Eive	d Inco	me Style						Year Over Year Change	2.7%	7.0%
Consumer Rates					IIVE	su ilicoi	ille Style	;					ISM Manufacturing	0.9% 47.70	5.7% 58.40
	7.08%	7.02%	6.66%	4.21%	6.0	% ¬			Yield Curve					78.28	78.94
30-Year Mortgage Prime Rate	8.50%	7.02% 8.50%	8.25%	4.21%									Capacity Utilization Markit US Composite PMI		
					5.0)% -							Markit 05 Composite Pivil	50.10	55.90
3-Month LIBOR	4.98%	4.95%	4.77%	0.58%									II S. Comorol		
					4.0) % -							U.S. General		
Commodities	4.050.40	4 044 04	4 004 00	4 005 05			_	Current					Leading Economic Indicators	110.3	117.2 116.0
Gold	1,856.48	1,811.04	1,824.02	1,935.95	3.0%							Trade Weighted Dollar Index	121.1		
Crude Oil (WTI)	79.68	76.32	80.26	84.43			_	—1 Year A	go				EUR / USD	1.06	1.11
Gasoline	3.46	3.49	3.20	3.70	2.0) % -							JPY / USD	135.87	115.46
Natural Gas	3.01	2.55	4.48	3.53									CAD / USD	0.74	0.79
Copper	4.07	3.95	3.81	4.69	1.0)% -							AUD / USD	0.68	0.73
					0.0	% └		+	+	-	-	+			
	P/E	P/E	Price to	Current Div		3	3 Mo	2 Yr	5 Yr	7 Yr	10 Y	r 30 Yr	S&P 500 Sector Returns		
	Forward	Trailing	Book	Yield										1 Month	YTD
Index Characteristics							1 Month					to Date*	Consumer Discretionary	-3.31%	13.19%
Dow Jones Industrial Avg	17.64	19.03	4.45	2.22		Short	Interm.	Long		Sho	ort Ir	iterm. Lon	Information Technology	-1.24%	12.59%
S&P 500	18.37	18.15	3.99	1.74	Į ų					ų.			Communication Services	-7.54%	11.98%
S&P 500 Value	17.05	17.38	2.76	2.11	Į į	-0.72	-1.95	-5.48	> 10%	- 0.1	15 -	0.36 0.7	Materials	1.44%	8.94%
S&P 500 Growth	19.79	18.91	6.79	1.40	•								Industrials	0.69%	5.44%
NASDAQ	16.91	15.42	3.83	2.34	0					0			Financials	-1.77%	5.08%
S&P Midcap 400	15.51	13.26	2.38	1.99	orp	-0.59	-3.40	-5.64	0% - 10%	Corp	4	0.84 0.8		-5.43%	4.83%
S&P Smallcap 600	15.10	14.14	1.89	1.73	0					O		البير يهور	Energy	1.46%	-0.46%
	13.12	13.52	1.72	3.38									Consumer Staples	-1.35%	-2.78%
MSCI EAFE	10.12			0.00										1.00/0	
MSCI EAFE MSCI Emerging Markets				3.72	≿	0.02_	-1.59	-3.00	<0%	≥ 2.3	0	2.01 1.6	Health Care	-2 67%	-4.93%
MSCI EAFE MSCI Emerging Markets	12.45	10.59	1.50	3.72		0.02	-1.59	-3.00	<0%	½ 2.3	30 2	2.01 1.6	Health Care Utilities	-2.67% -2.39%	-4.93% -6.01%

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