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March 30, 2022

DJIA: 35294.19 SPX: 4631.60 NASDAQ: 14619.64

US Strategy Weekly Housing and Yield Curves

Rumors of improving discussions between Russia and Ukraine helped foster a rally in equities this week. The advance generated changes in our technical indicators as well as in the charts of the popular indices. However, to date, there is nothing to suggest that recent gains are anything more than a short-covering rally coupled with institutional accounts making portfolio adjustments at the end of the first quarter.

At present, both equities and commodities, particularly crude oil, are experiencing tremendous volatility and appear to be captive to ever-changing headlines, but the underlying economy is little changed. Inflation continues to be a major threat; monetary policy is destined to be unfriendly, and the combination is apt to be detrimental to the economy, the consumer, and corporate profits. The real question is how big a hurdle the combination of rising prices and rising interest rates will be for economic activity, particularly for the housing and auto sectors.

This week we will get data on personal income and personal expenditures for February, March employment, final fourth quarter GDP with corporate profits, plus vehicle sales and the ISM manufacturing report for March. These reports should give investors a better feel for how businesses and consumers are reacting to the Russian invasion, inflation, and rising interest rates. More importantly, in the coming weeks earnings reports for the first quarter will begin and as we have noted in the past, this could become a market-moving event. History has shown that stock markets can perform well in an environment of rising interest rates – the caveat is that earnings must be rising faster than before to compensate. This seems unlikely to us, but if earnings are better than expected, this could provide good downside support for stock prices.

HOUSING IS WEAKENING

An index of pending home sales fell to 104.9 in February. This was the lowest reading since May 2020 and the fourth consecutive month of declines. Note that monthly new single-family home sales peaked in July 2020 at 85,000 and the year-over-year growth rate in units sold has been negative since June 2021. Unit sales dropped to 65,000 in February. We expect that rising rates will make housing less affordable and unit sales will continue to fall. See page 3.

New home unit sales, including multi-family, single-family and condominiums, were 772,000 in February, a 6% decline from a year earlier. However, while unit sales are slipping, prices are rising, and the average price of a new single-family home rose 25% YOY to \$511,000. The median price of a single-family home rose 10.7% YOY to \$400,600. These price gains are significant. When we index personal income and home prices to a baseline like 1973 it becomes clear that from 2008 to 2021 personal income was consistently rising faster than home prices. That made homeownership more affordable. Sadly, this changed in 2022 and prices are now rising faster than personal income, and this is one reason homeownership may become more challenging later this year. See page 4.

For important disclosures and analyst certification please refer to the last page of this report.



GDP growth requires rising capital investment, and we fear housing may face a slowdown in the second half of this year. Residential construction spending was \$50.3 billion (SAAR) in December, a solid 15.3% YOY increase, although a deceleration from the 31.8% YOY increase recorded at the May 2021 peak. At present, the residential construction market appears solid, but home builder confidence has been slipping in recent months. The National Association of Home Builders survey for single-family sales showed that "expectations for the next six months" fell to 70, the lowest level recorded since September 2019. In general, the survey shows that homebuilder confidence peaked in November 2020 and has been slowly declining since that time. Builders are indicating that pricing pressures and the knowledge that mortgage rates will be rising as factors that make them uncertain about the future. See page 5.

THE YIELD CURVE

The 10-year note yield rose from 2.16% to 2.41% this week yet despite rates rising on the long end, fears of an inverted yield curve are escalating. In our view, an inverted yield curve requires inversion between the fed funds rate and the 10-year Treasury note yield to truly warn of a recession. Moreover, inverted yield curves have historically preceded recessions by six to twelve months, on average, and therefore the angst regarding an inversion today appears to be overdone and too early, in our opinion. However, given the expectations of seven to nine fed fund rate hikes this year, the risk of an inverted yield curve, and a recession in 2022, is a possibility. But keep in mind that the Fed has control over the short end of the curve, but not the long end of the curve. When investors believe the Fed has tightened too much, and a recession is at hand, this is when the long end of the curve collapses and the curve inverts. At present, interest rates are rising on the long end, and we find this a bit reassuring. See page 7.

TECHNICAL INDICATORS AND CHARTS

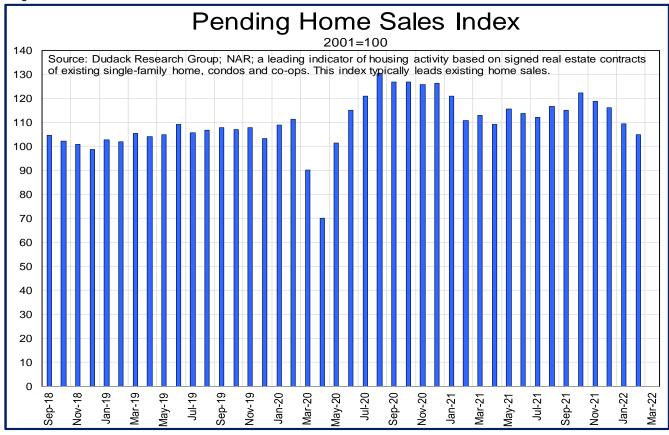
The major head-and-shoulders top formation that we have been discussing in the S&P 500, that had downside targets of SPX 4000 and SPX 3800, was nullified this week by the advance seen in the SPX. The index rallied above all its moving averages, including the 200-day moving average, which is a positive for the overall market. See page 8.

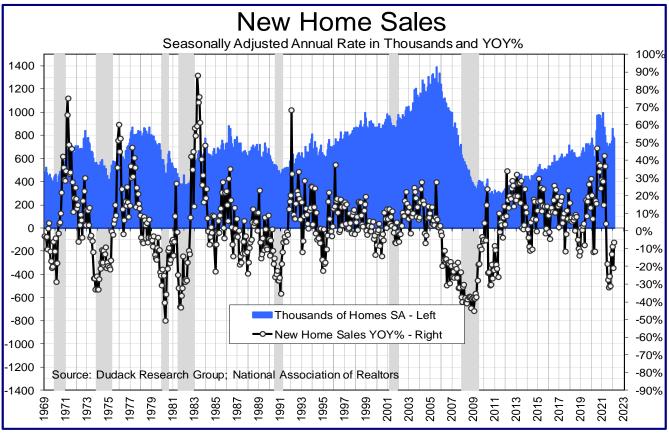
In terms of technical strength, the SPX displayed the greatest price momentum in recent days. The DJIA also rallied and has edged above key resistance at the DJ 35,000 area. But we believe the DJIA needs to sustain this advance to demonstrate that this is not a false breakout. The Nasdaq Composite has moved up toward its resistance level defined by the combination of its 100-and 200-day moving averages, but it lags its counterparts and is yet to breach this resistance. See page 9.

The charts of the Russell 2000 index (RUT - \$2133.10) and Amazon.com (AMZN - \$3386.30) continue to look similar and since they were leaders at the top of the market it is also possible that they will be leaders at establishing a low in equities. AMZN is clearly outperforming the RUT; but the RUT is unfortunately the weakest of all the main market indices. It is about to test its 100-day moving average at 2143.85 and 200-day moving average at 2197.08 and we will be watching to see if this index can better resistance. Even so, while the SPX and DJIA have surpassed their respective resistance levels, further gains are required to confirm that these moves are indeed "breakouts" from resistance and not merely a short-covering rally and portfolio window dressing. See page 10.

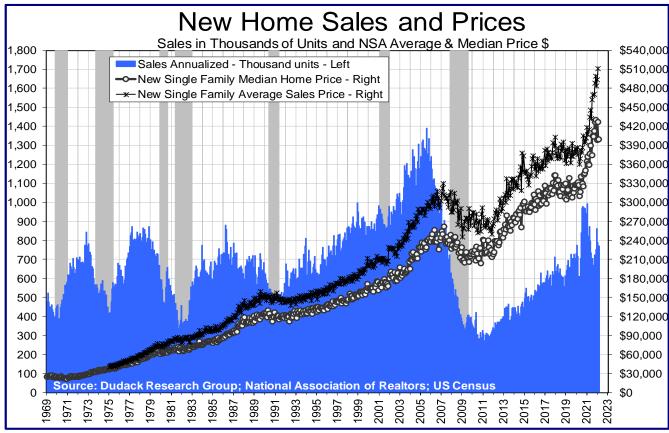
Our 25-day up/down volume oscillator is at 2.38 this week and close to an overbought reading above 3.0. An overbought reading would be surprising and suggest that the market is in a long-term trading range, not a bear market. The 10-day averages of new highs and lows are 133 and 177, respectively. Again, the combination implies a neutral market. Overall, we remain cautious for the near term.

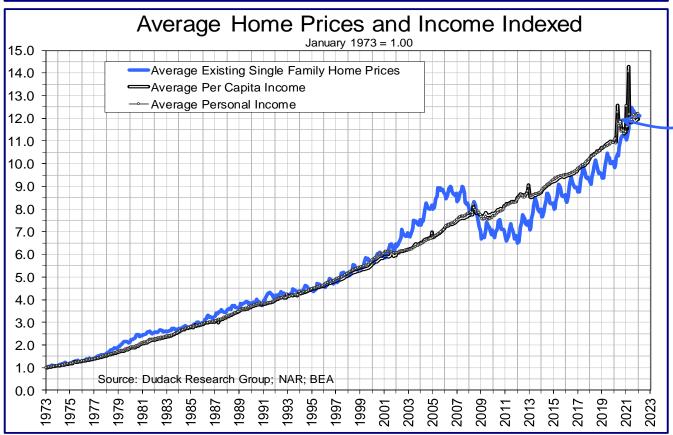
An index of pending home sales fell to 104.9 in February, the lowest reading since May 2020 and the fourth consecutive month of declines. Note that the year-over-year trend in new home sales has been negative since June 2021 and this trend is unlikely to improve as mortgage rates begin to rise.



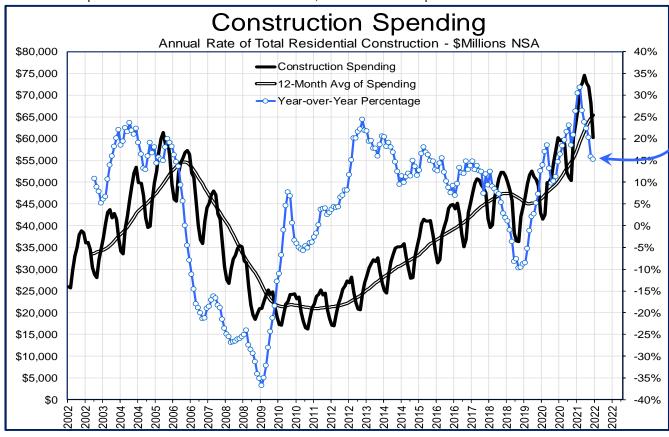


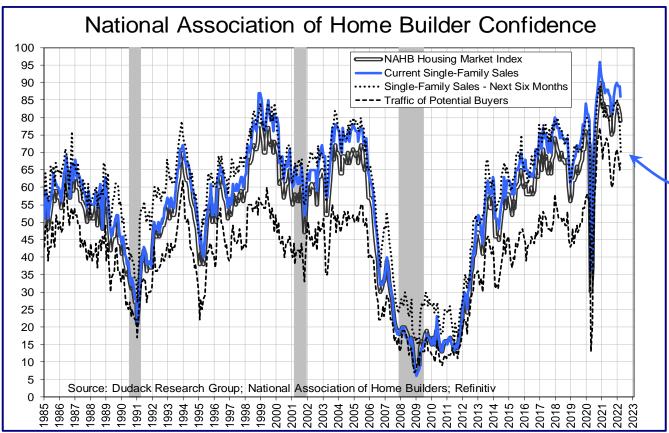
February's new home unit sales were 772,000, a 6% decline from a year earlier; however, average new single-family home prices rose 25% YOY to \$511,000. The median price rose 10.7% YOY to \$400,600. More importantly, by indexing personal income and home prices, we see that from 2008 to 2021 personal income rose faster than home prices. That changed in 2022 and could make homes less affordable.



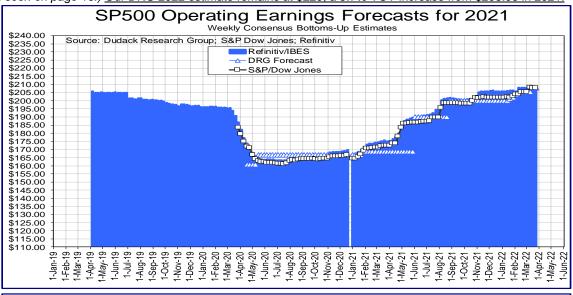


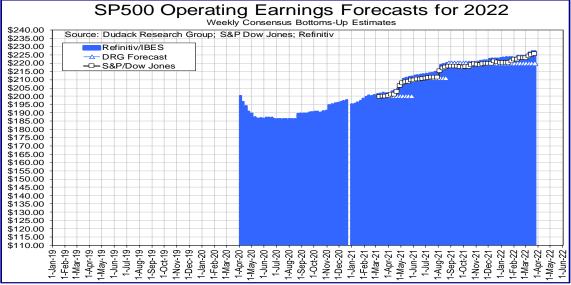
Residential construction spending was \$50.3 billion (SAAR) in December, a 15.3% YOY increase but down from the 31.8% YOY increase recorded at the May 2021 peak. In general, the housing market appears solid, but home builder confidence has been slipping in recent months and sales expectations for the next six months fell to 70, the lowest since September 2019.

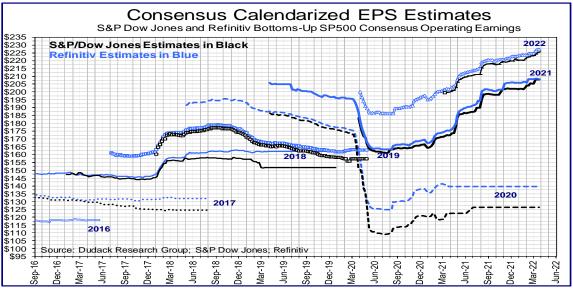




The S&P Dow Jones and Refinitiv IBES earnings estimates for 2021 were unchanged or fell by pennies this week. The 2022 earnings estimates rose 44 cents in the S&P and fell 9 cents according to IBES. This week's earnings estimates and growth rates for 2022 were \$225.47 and 8.4% and \$227.30 and 9.2%, respectively. (Note: consensus macro-EPS forecasts may differ from four quarter analysts' forecast sums seen on page 16.) Our DRG 2022 estimate remains at \$220, a 5.7% YOY increase from \$208.05 in 2021.

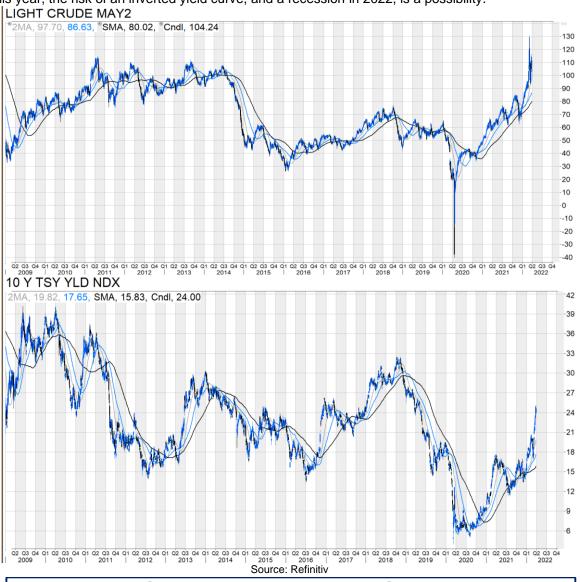


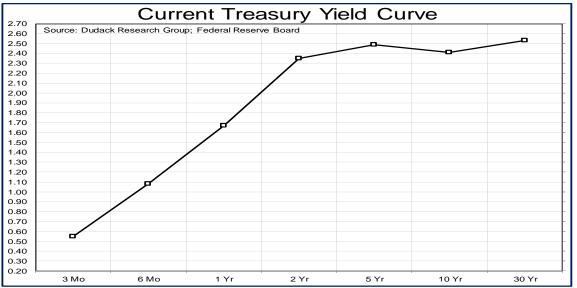






The price of WTI crude oil remains over \$100 a barrel but is extremely volatile and captive to daily headlines. We expect oil to find a "new normal" price level in coming weeks. The 10-year note yield rose from 2.16% to 2.41% this week and despite a rising long end, fears of an inverted yield curve are escalating. However, given the expectations of seven to nine fed fund rate hikes this year, the risk of an inverted yield curve, and a recession in 2022, is a possibility.





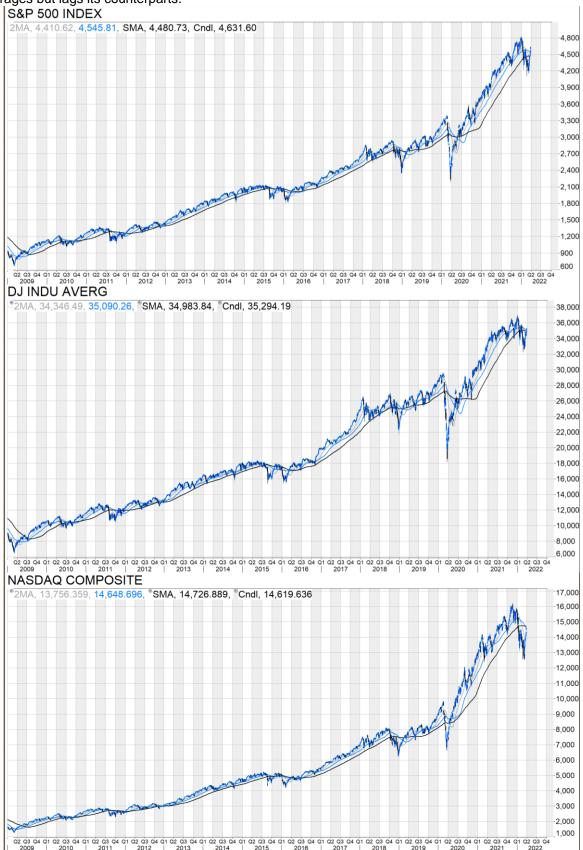




The major head-and-shoulders (H&S) top formation in the S&P 500, with downside targets of SPX 4000 and SPX 3800, has been negated now that the index moved back above the 200-day moving average. This is a positive for the overall market.



The indices below are in order of technical strength. The SPX rallied above all its moving averages in a great show of momentum this week. The DJIA has edged above key resistance at the DJ 35,000 area but needs to demonstrate further momentum to confirm. The Nasdaq is moving up toward the resistance seen at the combination of the 100-and 200-day moving averages but lags its counterparts.

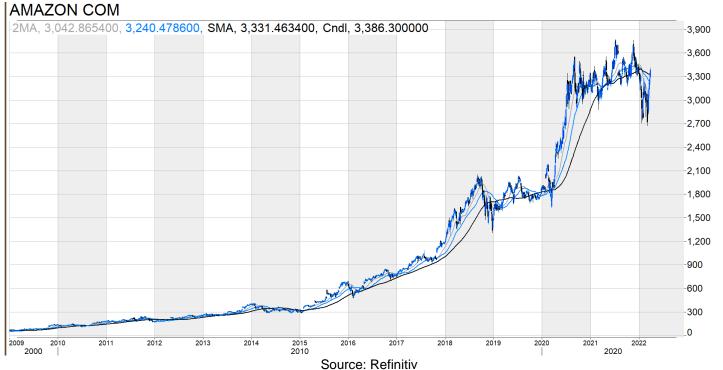


Source: Refinitiv

The charts of the Russell 2000 index (RUT - \$2133.10) and Amazon.com (AMZN - \$3386.30) continue to look similar and were leaders in terms of overall market weakness. It is also possible that they will be leaders at establishing a low or the next intermediate term trend in equities.

AMZN is outperforming the RUT; but the RUT is currently the weakest of all the main market indices. It is about to test its 100-day moving average at 2143.85 and 200-day moving average at 2197.08. As we noted, the SPX and DJIA have bettered these resistance levels, but further gains will be needed to confirm that these are indeed "breakouts" from resistance.



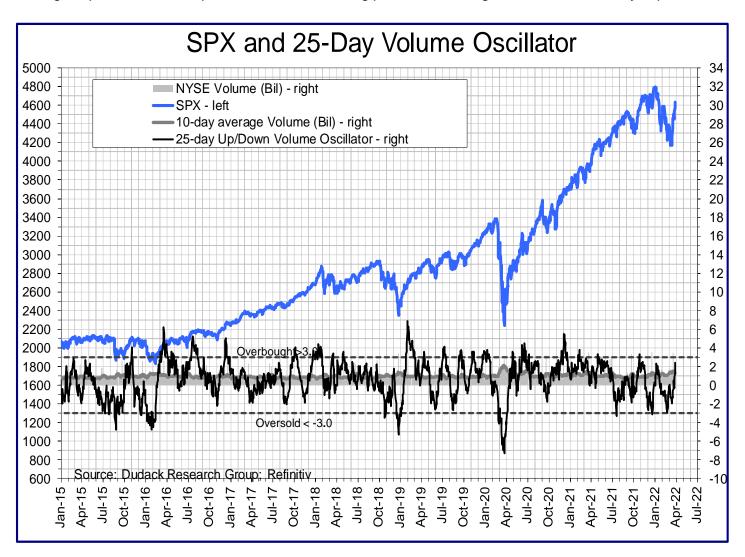




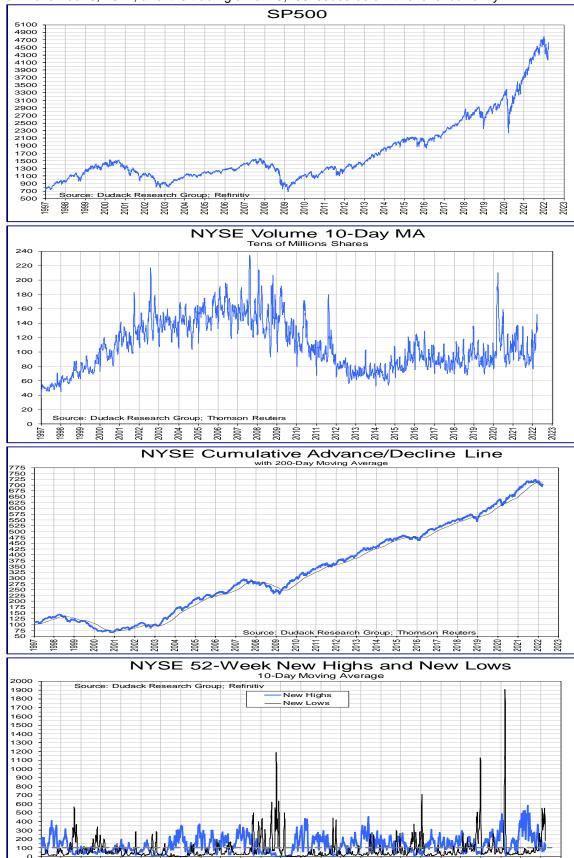
The 25-day up/down volume oscillator is at 2.38 this week, and up substantially from a week earlier in line with recent price gains. A move into overbought territory above 3.0, would define a long-term neutral trading range for the market. A long or extreme overbought reading would suggest the correction is over and a new bullish trend has begun. We doubt that this is true.

Strangely, the 2022 decline did not had any extreme 90% volume day which would carry this oscillator into oversold territory. At least to date, there has not been any sign of panic selling or washout in the general market despite many key indices already showing a 20% correction from recent highs. In short, this indicator is performing in line with a market that is in a long-term trading range.

This 25-day up/down volume oscillator measures buying and selling momentum. New highs should be accompanied by strong and consistent buying pressure which results in long and sometimes extreme overbought readings. An absence of overbought readings at a new high reveals a weakness in the trend and is a sign of waning demand and/or investors selling into strength. Conversely, significant lows are often accompanied by panic selling. For example, an extreme oversold reading in this indicator, followed by a shallower oversold reading despite a new low in price indicates that selling pressure is fading and the lows are likely in place.

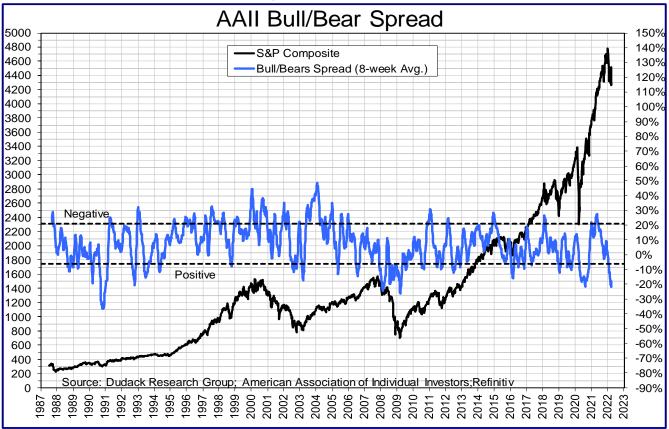


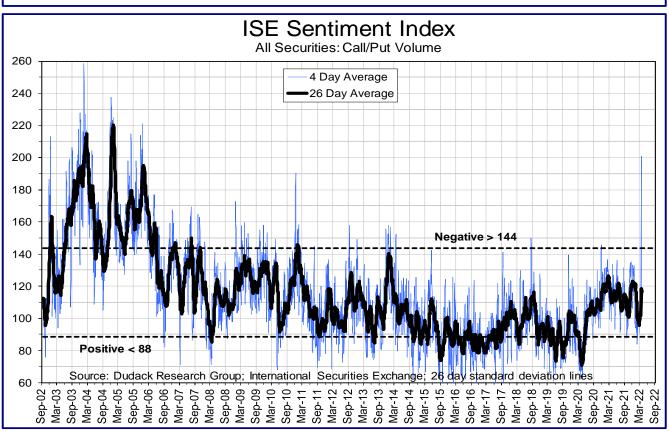
The 10-day average of daily new highs is 133 this week and daily new lows dipped to 177. This combination has returned the indicator to neutral this week with both new highs and lows above the 100 benchmark. The advance/decline line's last record high was on November 8, 2021, and it is trading a net 19,400 issues below this level currently.





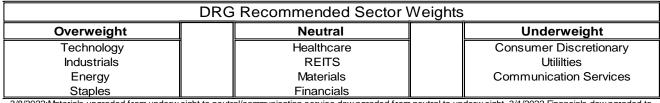
Bullish sentiment jumped 10.3 points to 32.8% yet remains below the historical average of 38.0% for the 18th consecutive week. Bearish sentiment fell 14.3 points to 35.4% and is above the historical average of 30.5% for the 18th consecutive week. The AAII bull/bear spread index remains positive. The ISE Sentiment index is rising but remains neutral.





DRG

SECTOR RELATIVE PERFORMANCE - RELATIVE OVER/UNDER/ PERFORMANCE TO S&P 500



3/8/2022: Materials upgraded from underw eight to neutral/communication service dow ngraded from neutral to underw eight. 3/1/2022 Financials dow ngraded to neutral and Industrials upgraded to overweight. Technology* Sector relative to SPX Healthcare Sector relative to SPX Consumer Discretionary* Sector relative to SPX 0.64 0.58 0.52 REITS Sector relative to SPX Industrials Sector relative to SPX Utilities Sector relative to SPX 2017 Energy Sector relative to SPX Material Sector relative to SPX Communication Services* Sector relative to SPX
with 20-Week Moving Average Financials Sector relative to SPX with 20-Week Moving Average Staples Sector relative to SPX 2022 Performance - Ranked SP500 Sector % Change S&P ENERGY 38.0% S&P UTILITIES 3.3% 1.1% S&P FINANCIAL S&P INDUSTRIALS -1.0% S&P MATERIALS -1.2% S&P CONSUMER STAPLES -1.4% S&P HEALTH CARE -2.0% S&P 500 -2.8% S&P REITS -5.2% S&P INFORMATION TECH -5.8% S&P CONSUMER DISCRETIONARY -6.0% ce: Dudack Research Group; Intrinsic Research S&P COMMUNICATIONS SERVICES -9.8%

2020

2021

2022

Source: Dudack Research Group; Refinitiv; Monday closes

DRG

GLOBAL MARKETS AND COMMODITIES - RANKED BY 2022 TRADING PERFORMANCE

Index/EFT	Symbol	Price	5-Day%	20-Day%	QTD%	YTD%
iShares DJ US Oil Eqpt & Services ETF	IEZ	19.45	25.1%	25.1%	50.9%	50.9%
United States Oil Fund, LP	USO	76.15	21.9%	21.9%	40.1%	40.1%
Oil Future	CLc1	105.05	19.2%	19.2%	39.7%	39.7%
Energy Select Sector SPDR	XLE	76.60	16.2%	16.2%	38.0%	38.0%
iShares MSCI Brazil Capped ETF	EWZ	37.86	19.7%	19.7%	34.9%	34.9%
iShares MSCI Mexico Capped ETF	EWW	54.54	12.3%	12.3%	7.8%	7.8%
iShares MSCI Australia ETF	EWA	26.68	16.8%	16.8%	7.5%	7.5%
iShares Silver Trust	SLV	23.87	10.1%	10.1%	6.6%	6.6%
iShares MSCI Canada ETF	EWC	40.59	6.3%	6.3%	5.6%	5.6%
SPDR Gold Trust	GLD	179.14	6.6%	6.6%	4.8%	4.8%
Utilities Select Sector SPDR	XLU	73.93	6.8%	6.8%	3.3%	3.3%
Gold Future	GCc1	2273.10	1.8%	1.8%	2.7%	2.7%
iShares MSCI Malaysia ETF	EWM	25.70	5.0%	5.0%	2.7%	2.7%
iShares MSCI United Kingdom ETF	EWU	33.81	-0.2%	-0.2%	2.0%	2.0%
Financial Select Sector SPDR	XLF	39.50	1.1%	1.1%	1.2%	1.2%
SPDR S&P Bank ETF	KBE	54.95	-0.1%	-0.1%	0.7%	0.7%
iShares Russell 1000 Value ETF	IWD	168.89	3.0%	3.0%	0.6%	0.6%
iShares MSCI Singapore ETF	EWS	21.41	1.5%	1.5%	0.1%	0.1%
Silver Future	Slc1	18.54	0.0%	0.0%	0.0%	0.0%
SPDR Communication Services ETF	XLC	56.15	0.0%	0.0%	0.0%	0.0%
iShares Russell 2000 Value ETF	IWN	166.04	6.2%	6.2%	0.0%	0.0%
iShares MSCI India ETF	INDA.K	45.38	-1.1%	-1.1%	-1.0%	-1.0%
Industrial Select Sector SPDR	XLI	104.71	3.9%	3.9%	-1.0%	-1.0%
Materials Select Sector SPDR	XLB	89.64	6.1%	6.1%	-1.1%	-1.1%
iShares MSCI Hong Kong ETF	EWH	22.93	-3.3%	-3.3%	-1.1%	-1.1%
Consumer Staples Select Sector SPDR	XLP	76.02	0.1%	0.1%	-1.4%	-1.4%
Health Care Select Sect SPDR SP500	.SPX	138.07 4631.60	5.2% 2.6%	5.2% 2.6%	-2.0% -2.8%	-2.0% -2.8%
SPDR DJIA ETF DJIA	DIA .DJI	352.97 35294.19	0.5% 0.5%	0.5% 0.5%	-2.8% -2.9%	-2.8% -2.9%
iShares Russell 1000 ETF	IWB	255.89	2.5%	2.5%	-3.2%	-2.9%
Vanguard FTSE All-World ex-US ETF	VEU	58.69	-1.9%	-1.9%	-4.2%	-4.2%
iShares MSCI EAFE ETF	EFA	75.15	-0.9%	-0.9%	-4.2 <i>%</i>	-4.2% -4.5%
iShares Russell 2000 ETF	IWM	211.71	5.2%	5.2%	-4.8%	-4.8%
iShares US Real Estate ETF	IYR	110.12	3.3%	3.3%	-5.2%	-5.2%
iShares MSCI Japan ETF	EWJ	63.02	-1.7%	-1.7%	-5.9%	-5.9%
iShares MSCI Emerg Mkts ETF	EEM	45.97	-5.9%	-5.9%	-5.9%	-5.9%
Technology Select Sector SPDR	XLK	163.50	0.9%	0.9%	-6.0%	-6.0%
Consumer Discretionary Select Sector SPDR	XLY	191.53	3.6%	3.6%	-6.3%	-6.3%
Nasdaq Composite Index Tracking Stock	ONEQ.O	57.05	2.7%	2.7%	-6.3%	-6.3%
NASDAQ 100	NDX	15239.32	2.1%	2.1%	-6.6%	-6.6%
iShares Russell 1000 Growth ETF	IWF	285.14	2.2%	2.2%	-6.7%	-6.7%
iShares MSCI Taiwan ETF	EWT	62.10	-4.3%	-4.3%	-6.8%	-6.8%
iShares MSCI South Korea Capped ETF	EWY	72.50	0.2%	0.2%	-6.9%	-6.9%
iShares US Telecomm ETF	IYZ	30.36	-1.8%	-1.8%	-7.7%	-7.7%
iShares iBoxx\$ Invest Grade Corp Bond	LQD	120.94	-5.3%	-5.3%	-8.7%	-8.7%
iShares China Large Cap ETF	FXI	33.32	-12.2%	-12.2%	-8.9%	-8.9%
SPDR S&P Semiconductor ETF	XSD	219.75	7.4%	7.4%	-9.6%	-9.6%
SPDR S&P Retail ETF	XRT	81.49	-0.3%	-0.3%	-9.7%	-9.7%
iShares Russell 2000 Growth ETF	IWO	264.27	4.2%	4.2%	-9.8%	-9.8%
iShares MSCI Germany ETF	EWG	29.56	-7.7%	-7.7%	-9.8%	-9.8%
PowerShares Water Resources Portfolio	РНО	54.22	2.4%	2.4%	-10.9%	-10.9%
iShares 20+ Year Treas Bond ETF	TLT	130.74	-8.2%	-8.2%	-11.8%	-11.8%
iShares MSCI BRIC ETF	BKF	39.42	-12.0%	-12.0%	-11.9%	-11.9%
Shanghai Composite	.SSEC	3203.94	-9.1%	-9.1%	-12.0%	-12.0%
iShares MSCI Austria Capped ETF	EWO	22.28	-12.3%	-12.3%	-12.5%	-12.5%
iShares Nasdaq Biotechnology ETF	IBB.O	132.71	0.6%	0.6%	-13.0%	-13.0%
SPDR Homebuilders ETF	хнв	68.22	-8.4%	-8.4%	-20.5%	-20.5%

Priced as of March 29, 2022

Source: Dudack Research Group; Thomson Reuters

Blue shading represents non-US and yellow shading represents commodities

Outperformed SP500 Underperformed SP500



US Asset Allocation

	Benchmark	DRG %	Recommendation
Equities	60%	70%	Overweight
Treasury Bonds	30%	20%	Underweight
Cash	10%	10%	Neutral
	100%	100%	

Source: Dudack Research Group; raised equity and lowered cash 5% on November 9, 2016

DRG Earnings and Economic Forecasts

SAP 500 Reported PS**	9.0% 10.1% -7.6% -9.9% -9.8% 14.8% 23.1% 5.0% 8.8% -0.9% 3.9% -2.8% -1.9% 3.2% 16.2%
Price Pric	20.3% 9.0% 10.1% -7.6% -9.9% -9.8% 14.8% 23.1% 5.0% 8.8% -0.9% 3.9% -2.8% -1.9% 3.2% 16.2%
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