FSnotes on **Equity** Markets

2021 Strategy Outlook

Exiting 'Greater Depression' = cycle reversion

Key to 2020: **SYMMETRY Speed decline = recovery** +14%

Key to 2021: CYCLE REVERSION Profits + Capex + VIX +13-15%

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SAVE THE DATE: 2021 Outlook upcoming webinars

Date	Webinar	Time
12/21/2020	Tom DeMark 2021 Market Update	3pm ET
1/11/2021	2021 Technical Outlook Rob Sluymer	3pm ET
1/19/2021	2021 Global Portfolio Strategy Outlook Brian Rauscher	3pm EDT
Feb 2021	2021 Bitcoin and Digital Asset Outlook Thomas Lee and David Grider	3pm EDT

Source: FSInsight



EXECUTIVE SUMMARY

- 2021 is 'Cycle reversion' as much as 2020 was about 'symmetry.'
 Reversion→ VIX, margins, capital spending, consumer demand, Value vs Growth
- 2021 is year+1 of start of a new economic expansion. Pent-up demand + massive 'relief' and celebration of pandemic finale could lead to substantially stronger than expected GDP recovery. This is what the resilience of equities in 2020 seem to suggest.
- Epicenter (aka Cyclical) profit margins will likely outperform consensus in 2021-2022 due to massive cost re-engineering this year. 2022 EPS >\$200 (per Brian Rauscher).
- Real interest rates -6.0% in 2021-2022, the lowest in more than 60 years. Massive tailwind for asset heavy companies and best time to outperform Growth (Slide 42)
- Volatility to decline substantially in 2021-2023, with VIX sinking below 20 and VIX futures normalizing. This is a major risk-on signal for Cyclicals (aka Epicenter) with 84% win-ratio (Slide 31).
- "Pause that refreshes" -- We expect S&P 500 to stall between Feb-April 2021, correct ~10% to 3,500 before surging into YE 2021 (Slide 11).

Our YE 2021 Target is 4,300, based upon 20.5X-21.0X 2022 EPS of \$204-\$210. Our top 3 favorite sectors are: **Industrials, Discretionary** and **Energy**



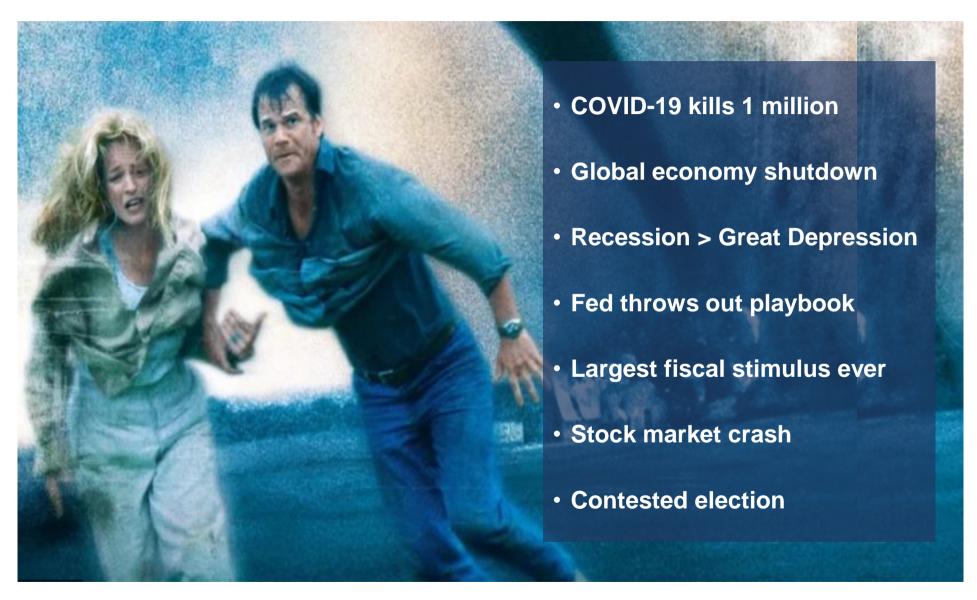
RISK: A lot can go wrong...

- The future is uncertain
- COVID-19 could mutate
 Mink strain
- Election turmoil redux?
- Vaccine doesn't work
- USD crashes
- Interest rates surge
- IPO bubble?
- Retail stock trading bubble?
- People are too bullish
- Congress goes after US Big Tech
- Biden has health issues
- Hackers





2020: World got 'lucky' as 2020 is worse than any disaster movie

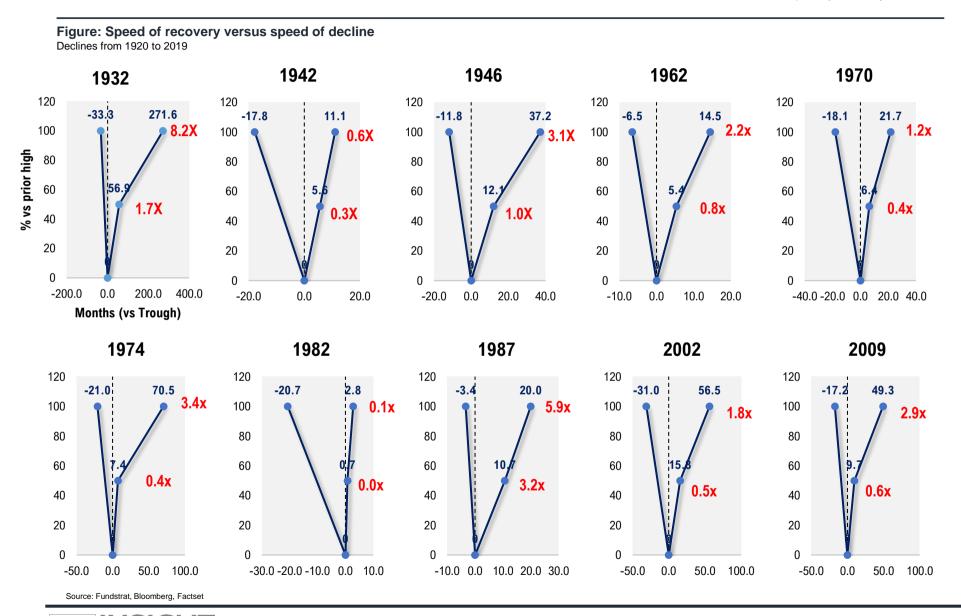


Source: Fundstrat, Bloomberg, Factset



2020 PROVED SYMMETRY: Faster the decline, the faster the recovery...

This is also true of the 10 declines >36% since 1920. In other words, markets tend to recover as quickly as they fall.





OVERVIEW: Key foundations of 2021 (and some vs 2020)

 New economic expansion starting - Equity risk premia will fall.

- Cyclical tilted businesses see top-line upside.

- Massive margin upside

- Look at China => PMI explosion

 Central banks 'dovish' potentially <u>indefinitely</u> Risk assets see valuation support.

- don't fight the Fed

 US 'real interest' rate most negative in >70 years 10Y less nominal GDP >6% in 2021 and 2022

- 'real assets' earn excess returns

- Epicenter (aka Value) crushes Growth historically

 Credit outlook remains positive Strong liquidity support corporate business models

- leveraged businesses benefit (aka Value)

 Scared money gets less scared Older Americans faced greatest risk from COVID-19 Older Americans control 76% of wealth

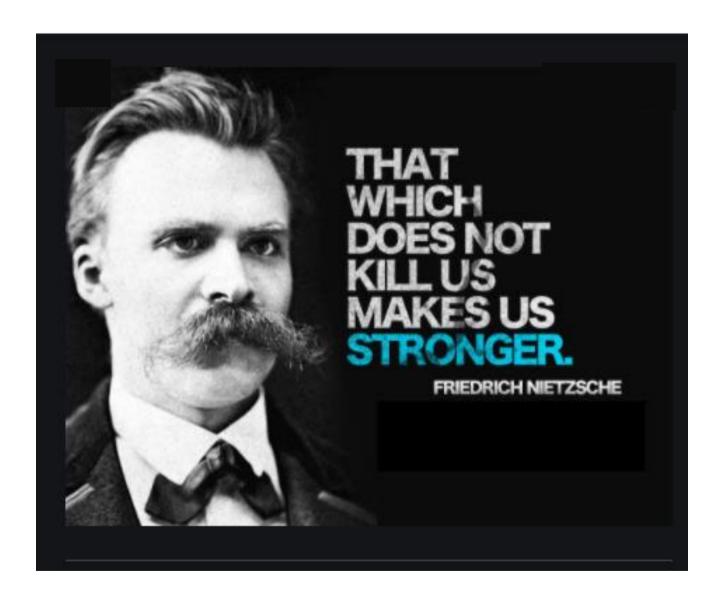
- Vaccine trigger massive increase in risk appetite

Risk of 'inflation' higher

Inflation breakevens say 5-yr high 'risk of inflation'



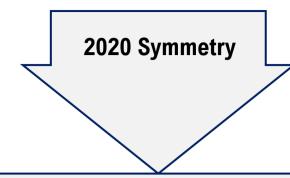
2020 KEY TAKEAWAY → UNKILLABLE



Source: Fundstrat, Bloomberg, Factset



OVERVIEW: 2020 about 'symmetry'. 2021 about 'cycle reversion'



Speed of decline = speed of recovery Strong cos get stronger = weak cos get weaker

2021 Profit cycle reversion

2021 Investment cycle reversion

2021 Volatility reversion

2021 Value/Growth reversion

2021 Bonds vs Stocks

Profit margins recover faster for 'epicenter' stocks

Global trade recovery = inventory cycle Consumer de-urbanization = housing cycle Corporate fears ease = capex cycle

VIX avg in 2020 well above LT-avg Volatility falling = institutional exposure rises

Value starting multi-decade outperformance?

Valuation of stocks seem very low compared to bonds



2021 TARGET: 4,300 based on 20.5X to 21.0X <u>2022</u> EPS to \$204-\$210

• The acceleration of growth is due to the anticipated recovery in PMIs both US and globally.

Figure: Sensitivity analysis for EPS in 2021

Per Fundstrat

		Consensus E	PS % growth	Fundstrat 2021	EPS % growth
	Rating	2020	2021	Low	High
Cyclicals		-13.9%	27.5%	31.8%	36.1%
Consumer Discretionary	Overweight	-34.6%	59.2%	75.0%	85.0%
Industrials	Overweight	-49.8%	78.4%	88.0%	100.0%
Information Technology	Overweight	5.1%	14.3%	16.0%	18.0%
Materials	Overweight	-9.8%	28.1%	28.0%	32.0%
Communication Services	Overweight	-2.4%	14.0%	16.5%	19.0%
Near-Cyclicals		-37.8%	30.2%	35.3%	40.6%
Energy	Overweight	-107.1%	669.0%	600.0%	800.0%
Financials	Overweight	-28.3%	20.7%	24.0%	30.0%
Real Estate	Underweight	-1.4%	4.3%	4.0%	5.0%
Defensives		6.0%	8.6%	8.5%	9.8%
Consumer Staples	Underweight	2.0%	6.0%	5.8%	7.0%
Healthcare	Neutral	6.9%	10.6%	10.5%	12.0%
Utilities	Underweight	11.3%	4.7%	4.0%	5.0%
S&P 500		-14.7%	21.8%	24.9%	28.4%
EPS Level 2021			\$168	\$177	\$182
EPS Level 2022			\$196	\$204	\$210
YE 2021 P/E ('22E EPS)				21.07x	20.49x
YE 2021 Fair Value				4,300	4,300

Source: Fundstrat



S&P 500 TARGET: 3,500 before 1H. 4,300 by YE.

• Equities need to work off overbought conditions before mid-year but key factors support surge to 4,300



2021: "Pause that refreshes" in 1H2O21

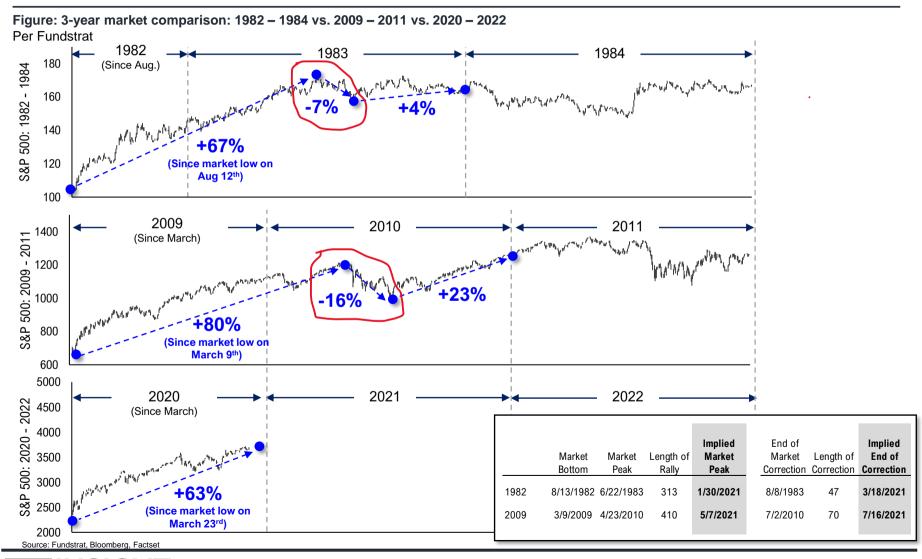


Source: Fundstrat, Bloomberg, Factset



2021 ROADMAP: 2021 looks to have a "pause that refreshes"

- · I am stating the obvious but markets cannot rise in a straight line
- We believe stocks will take a 'reset' similar to the first 12-18 months of a new bull market



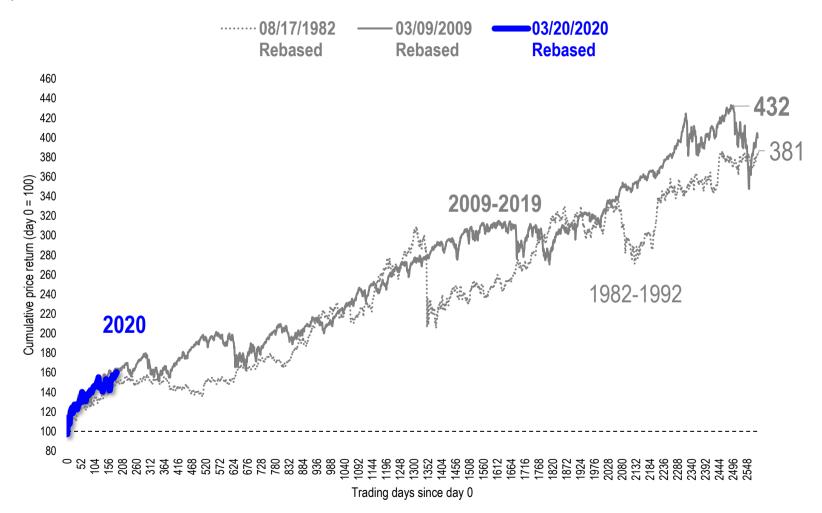
NEW BULL MARKET: Implies ~10,000 by 2030 if matches 1982 or 2009

If this is a new bull market, then stocks should have a very impressive decade of total return

The implied upside to S&P 500 by 2030 is ~10,000

Figure: S&P 500 Indexed return

Day 0 = 1982, 2009 and 2020



Source: Fundstrat, Bloomberg, Factset



SECTOR: Top picks → Discretionary, Industrials and Energy

• There is the most agreement with Discretionary and Industrials and least with Energy

Figure: Sector views for 2021

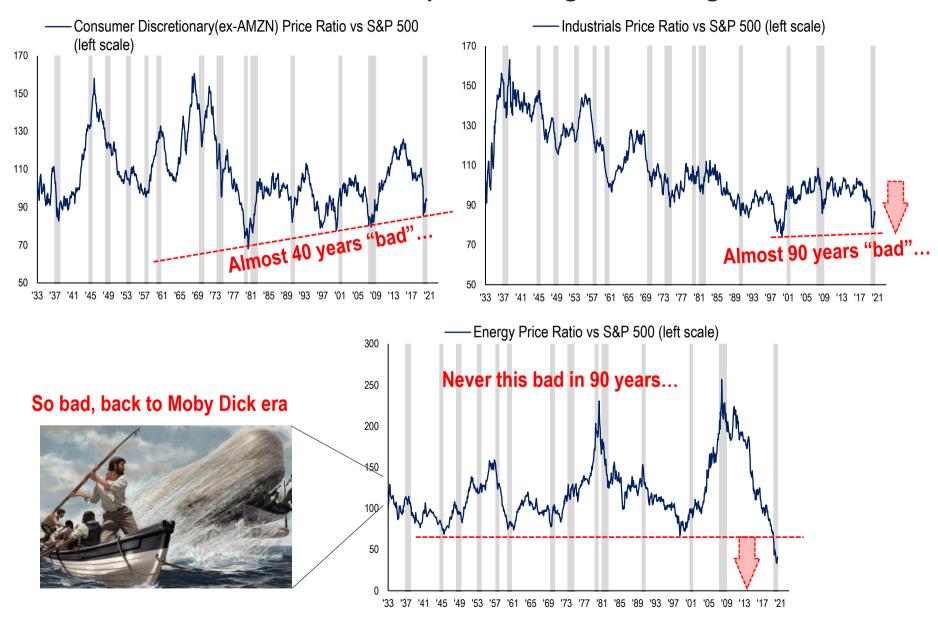
Per Fundstrat. OW = Overweight. UW = Underweight. N = Neutral

	Market Cap	Macro Strategy Thomas Lee	Global Strategy Rauscher	Technical Strategy Sluymer
Growth + Defensives	\$20,749			
Information Technology	8,767	OW	OW	N
Communication Services	3,620	OW	OW	N
Real Estate	784	UW	UW	UW
Consumer Staples	2,368	UW	UW	UW
Healthcare	4,303	N	UW	UW
Utilities	907	UW	UW	UW
Epicenter	\$11,332			
Consumer Discretionary	3,735	0W 1	0W 1	OW 3
Industrials	2,764	0W 3	0W 2	ow 1 Trifecta
Energy	766	0W (2)	UW MINISTER	No-fecta
Financials	3,224	OW	N	OW
Materials	843	OW	OW 3	0W 2
Source: Fundstrat				

SECTORS: Top 3 sectors to start in 2021...

		Rauscher	Sluymer	Rationale
Consumer Discretionary	1	1	3	 Highly levered to vaccine + end of pandemic Lots of consumer 'pent-up demand' Operating leverage → Margin upside + demand recovery Nearly 40-year bad underperformance (ex-AMZN)
Industrials	3	2	1	 Highly levered to vaccine + end of pandemic Levered to capex recovery coming from 'negative real rates' Levered to fiscal relief package Global PMIs going to surge Nearly 90-years bad underperformance
Energy	2			 Supply constraints under new White House Capital scarcity as Private Equity 'not fooled again' Demand recovery as travel and economy recovers Non-consensus Worst price charts since 'Whale Oil' was used

SECTORS: Charts so bad, they have to be good...Can it get worse?



Epicenter "Trifecta": 30 Consumer Discretionary stock ideas

Below is the current Trifecta Epicenter stock list for Consumer Discretionary sector. These are the stocks that were hit the hardest by the pandemic and have the greatest operating leverage to a re-opening. And we like the earnings upside in these stocks, because of the massive cost reset.

- The stocks are based on positive views coming from the trifecta of: (i) Quant (tireless Ken), (ii) Global Portfolio Strategy (Brian Rauscher and (iii) Technicals (Rob Sluymer).
- The tickers are AN, GM, F, HOG, GRMN, LEG, TPX, PHM, TOL, NWL, HAS, MAT, PII, MGM, HLT, MAR, NCLH, RCL, WH, WYND, SIX, DRI, SBUX, FL, GPS, LB, CRI, VFC, GPC, BBY

			Current	Market Cap	DQM	Brian	Robert
Ticker	Company name	Sub-industry name	Price	(\$mm)	Quintile 1	Rauscher	Sluymer
•	D: ('						
	mer Discretionary obiles & Components						
AN	Autonation Inc	Automotive Retail	\$65.92	\$5.792	OW	OW	OW
GM	General Motors Co	Automobile Manufacturers	\$41.42	\$59.285	- 011	ow	OW
F	Ford Motor Co	Automobile Manufacturers	\$9.04	\$35,265	OW	OW	OW
HOG	Harley-Davidson Inc	Motorcycle Manufacturers	\$36.65	\$5.618		ow	OW
	mer Durables	Wiotoroyoro Warianadarara	Ψ00.00	ΨΟ,ΟΙΟ		0.1	OII
	Garmin Ltd	Consumer Electronics	\$118.33	\$22.629	OW	OW	OW
LEG	Leggett & Platt Inc	Home Furnishings	\$40.73	\$5.397	OW	ow	ow
TPX	Tempur Sealy International Inc		\$27.09	\$5,590	OW	ow	U.
PHM	Pultegroup Inc	Homebuilding	\$42.50	\$11,394	OW	ow	
TOL	Toll Brothers Inc	Homebuilding	\$45.33	\$5,720		OW	OW
NWL	Newell Brands Inc	Housewares & Specialties	\$20.07	\$8.516	OW	OW	OW
HAS	Hasbro Inc	Leisure Products	\$94.76	\$12.985	OW	OW	
MAT	Mattel Inc	Leisure Products	\$17.84	\$6.209	OW	OW	OW
PII	Polaris Inc	Leisure Products	\$96.39	\$5,947	OW	OW	
Hotels	Resorts, Cruise Lines, Res		,		····		***************************************
MGM	Mgm Resorts International	Casinos & Gaming	\$30.98	\$15,302		OW	OW
HLT	Hilton Worldwide Holdings Inc	Hotels, Resorts & Cruise Lines	\$104.41	\$28,968		OW	OW
MAR	Marriott International Inc/Md	Hotels, Resorts & Cruise Lines	\$130.44	\$42,306		ow	OW
NCLH	Norwegian Cruise Line Holding	Hotels, Resorts & Cruise Lines	\$25.46	\$8,036		OW	OW
RCL	Royal Caribbean Cruises Ltd	Hotels, Resorts & Cruise Lines	\$73.65	\$16,523		OW	OW
WH	Wyndham Hotels & Resorts Inc	Hotels, Resorts & Cruise Lines	\$56.47	\$5,261		OW	OW
WYND	Wyndham Destinations Inc	Hotels, Resorts & Cruise Lines	\$43.37	\$3,724		OW	OW
SIX	Six Flags Entertainment Corp	Leisure Facilities	\$32.87	\$2,793	•••••	OW	OW
DRI	Darden Restaurants Inc	Restaurants	\$116.49	\$15,167		OW	OW
SBUX	Starbucks Corp	Restaurants	\$103.27	\$121,208		OW	OW
Retaili	ng						
FL	Foot Locker Inc	Apparel Retail	\$40.79	\$4,251	OW	OW	OW
GPS	Gap Inc/The	Apparel Retail	\$20.33	\$7,604		OW	OW
LB	L Brands Inc	Apparel Retail	\$38.70	\$10,763	OW	OW	OW
CRI	Carter'S Inc	Apparel, Accessories & Luxury	\$91.62	\$3,999		OW	OW
VFC	Vf Corp	Apparel, Accessories & Luxury	\$86.37	\$33,685		OW	OW
GPC	Genuine Parts Co	Distributors	\$96.50	\$13,924	OW	OW	
BBY	Best Buy Co Inc	Computer & Electronics Retail	\$103.50	\$26,801	OW	OW	

Source: Fundstrat, Bloomberg, Factset



Epicenter "Trifecta": 28 Industrials stock ideas + 9 Energy stock ideas

Below is the current Trifecta Epicenter stock list for Industrials and Energy sectors. These are the stocks that were hit the hardest by the pandemic and have the greatest operating leverage to a re-opening. And we like the earnings upside in these stocks, because of the massive cost reset.

- The stocks are based on positive views coming from the trifecta of: (i) Quant (tireless Ken), (ii) Global Portfolio Strategy (Brian Rauscher and (iii) Technicals (Rob Sluymer).
- The tickers for Industrials sector are AGCO, OC, ACM, WAB, EMR, GNRC, NVT, CSL, GE, MMM, IEX, PNR, CFX, DOV, MIDD, SNA, XYL, FLS, DAL, JBLU, LUV, MIC, KEX, UNP, JBHT, R, UBER, UHAL
- The tickers for Energy sector are HP, NOV, SLB, EOG, PXD, HFC, MPC, PSX, XEC

			Current	iviarket Cap	DQM	Brian	Robert
Ticker	Company name	Sub-industry name	Price	(\$mm)	Quintile 1	Rauscher	Sluymer
Indust	riale						
	Goods						
AGCO	Agco Corp	Agricultural & Farm Machinery	\$97.81	\$7,326	OW	OW	
OC	Owens Corning	Building Products	\$74.58	\$8,072	OW	OW	OW
ACM	Aecom	Construction & Engineering	\$47.45	\$7,154	OW	OW	OW
WAB	Westinghouse Air Brake Techn	Construction Machinery & Heavy	\$73.65	\$14,018	OW	OW	OW
EMR	Emerson Electric Co	Electrical Components & Equipm	\$81.28	\$48,609	·····	OW	OW
GNRC	Generac Holdings Inc	Electrical Components & Equipm	\$220.44	\$13,853	OW	ow	OW
NVT	Nvent Electric Plc	Electrical Components & Equipm	\$23.26	\$3,957		OW	OW
CSL	Carlisle Cos Inc	Industrial Conglomerates	\$152.97	\$8,165		OW	OW
GE	General Electric Co	Industrial Conglomerates	\$10.93	\$95,745	OW	OW	OW
MMM	3M Co	Industrial Conglomerates	\$175.41	\$101,180	OW	OW	
IEX	Idex Corp	Industrial Machinery	\$195.39	\$14,792	ow	OW	OW
PNR	Pentair Plc	Industrial Machinery	\$51.89	\$8,632	OW	OW	OW
CFX	Colfax Corp	Industrial Machinery	\$37.03	\$4,386	OW	OW	OW
DOV	Dover Corp	Industrial Machinery	\$120.87	\$17,418		OW	OW
MIDD	Middleby Corp/The	Industrial Machinery	\$131.94	\$7,337		OW	OW
SNA	Snap-On Inc	Industrial Machinery	\$171.92	\$9,321		OW	OW
XYL	Xylem Inc/Ny	Industrial Machinery	\$99.02	\$17,847		OW	OW
FLS	Flowserve Corp	Industrial Machinery	\$37.31	\$4,860	OW	OW	OW
Transp	ortation						
DAL	Delta Air Lines Inc	Airlines	\$41.08	\$26,198		OW	OW
JBLU	Jetblue Airways Corp	Airlines	\$14.65	\$4,607		OW	OW
LUV	Southwest Airlines Co	Airlines	\$45.73	\$26,993		OW	OW
MIC	Macquarie Infrastructure Corp	Airport Services	\$32.89	\$2,868	OW	OW	OW
KEX	Kirby Corp	Marine	\$51.76	\$3,108	OW	OW	OW
UNP	Union Pacific Corp	Railroads	\$198.85	\$133,999	OW	OW	OW
JBHT	Jb Hunt Transport Services Inc	Trucking	\$137.68	\$14,550	OW	OW	OW
R	Ryder System Inc	Trucking	\$63.46	\$3,420	OW	OW	OW
UBER	Uber Technologies Inc	Trucking	\$50.49	\$93,309	OW	OW	OW
UHAL	Amerco	Trucking	\$428.22	\$8,396	OW	OW	OW
Energy							
Energy HP	Helmerich & Payne Inc	Oil & Gas Drilling	\$24.74	\$2,662	OW	OW	OW
NOV	National Oilwell Varco Inc	Oil & Gas Equipment & Services	\$13.94	\$5,412	OW	OW	OW
SLB	Schlumberger Nv	Oil & Gas Equipment & Services	\$22.84	\$31,794	OW	OW	OW
EOG	Eog Resources Inc	Oil & Gas Exploration & Produc	\$52.70	\$30,744	OW	OW	OW
PXD		Oil & Gas Exploration & Produc	\$116.89	\$19,219	OW	ow	OW
HFC			\$25.56		***************************************	OW	OW
MPC	Hollyfrontier Corp Marathon Petroleum Corp	Oil & Gas Refining & Marketing Oil & Gas Refining & Marketing	\$41.65	\$4,141 \$27,100		OW	OW
PSX	Phillips 66	Oil & Gas Refining & Marketing	\$67.29	\$29,392		ow	OW
XEC			\$40.22		OW	OW	OW
ΛEU	Cimarex Energy Co	Oil & Gas Exploration & Produc	Φ4U.ZZ	\$4,101	OW	OW	OW

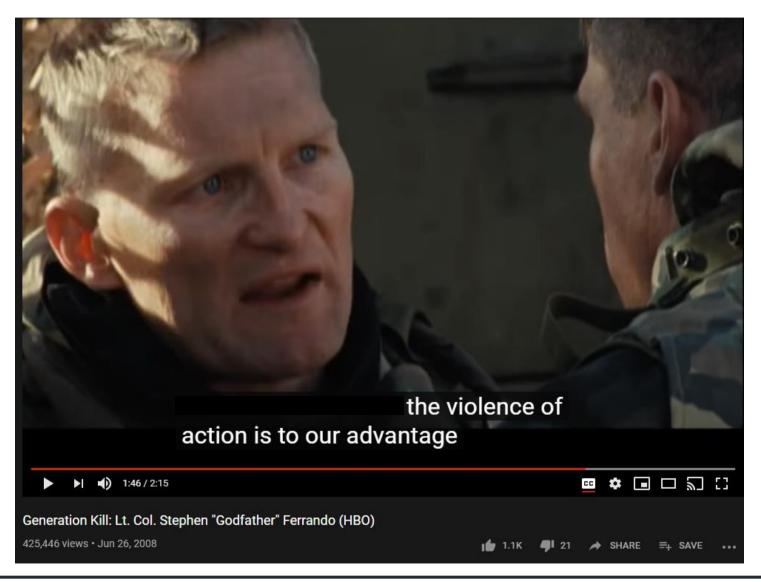
Current Market Cap

Robert

Source: Fundstrat, Bloomberg, Factset



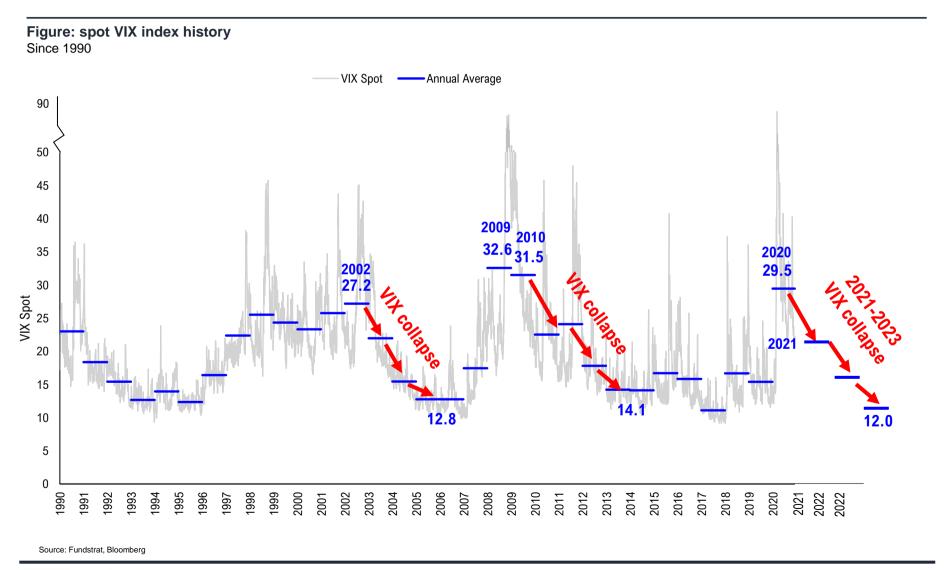
Epicenter: We warned it would be violent...



CYCLE REVERSION: VIX to collapse 2021-2023 and average 12.0 by 2023...

The VIX averaged 29.5 in 2020, the third highest level in 30-years.

• After 2002 and 2009, VIX collapsed over the next 3 yeas. And such a collapse is likely 2021-2023...



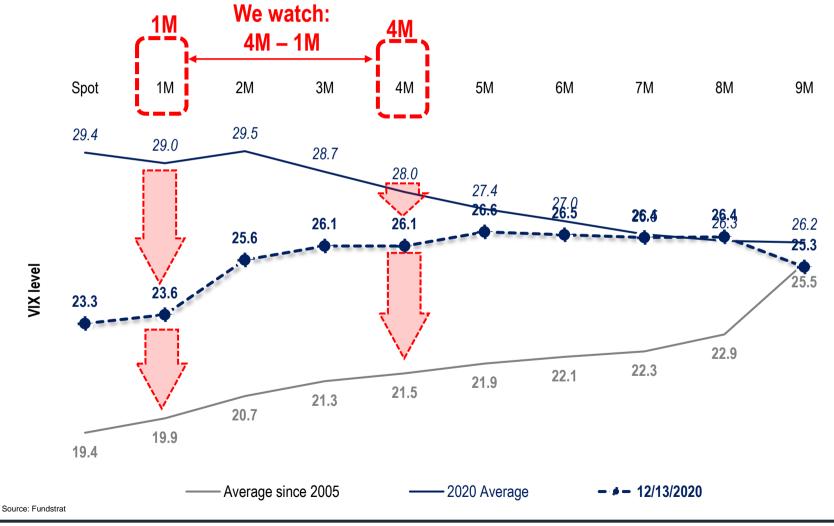
NORMALIZING VIX: In 2020, investors kept seeing massive near-term risk

The VIX term structure normally sees higher VIX in the future (see grey line) but in 2020, the opposite was true

• In 2020, investors keep expecting massive near-term volatility but saw normal long-term

Figure: VIX futures are set for a similarly large adjustment

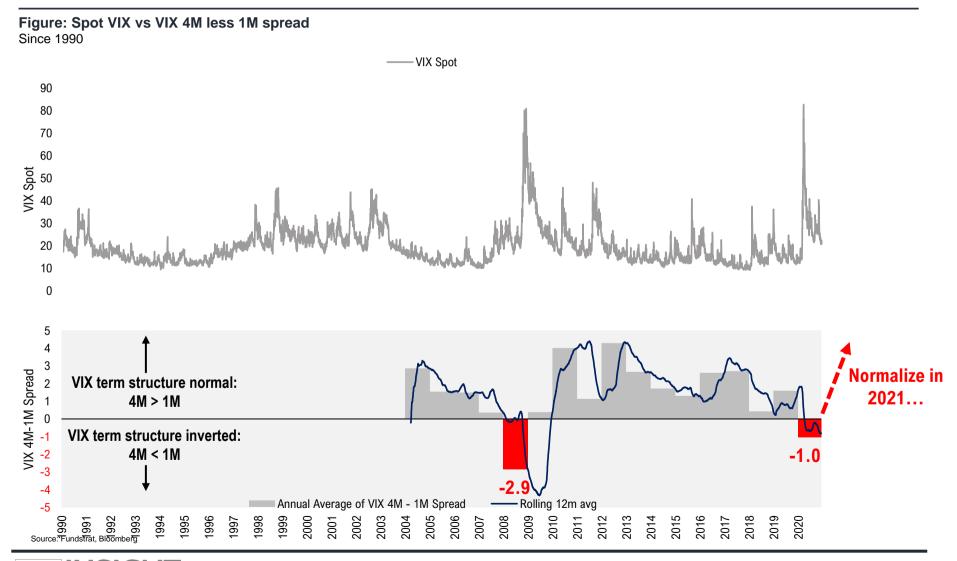
Per Fundstrat



NORMALIZING VIX TERM STRUCTURE: High volatility followed by Low Vol

The full year 2020 saw VIX term structure inverted. This only happened in 2009 and in 2010 and beyond, VIX normalized.

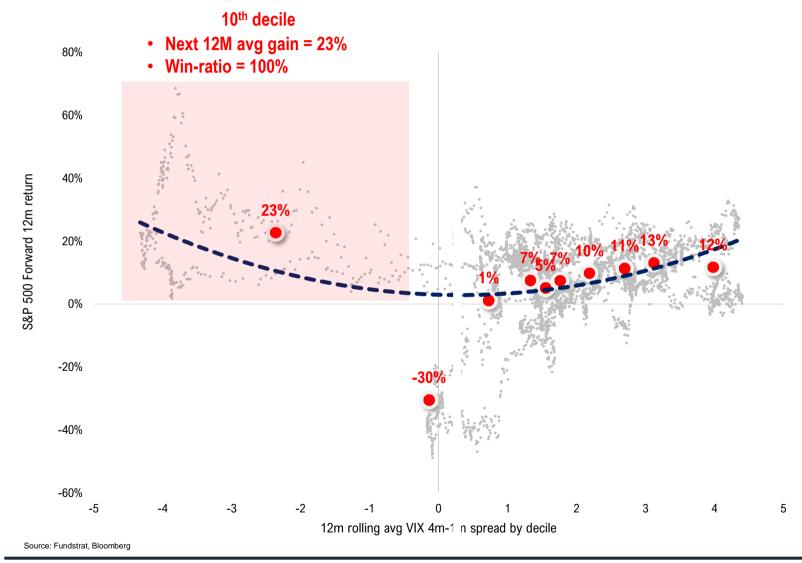
• This is what we see in 2021 and beyond, a return to a normal volatility environment.



VIX TS vs S&P 500 RETURNS: 100% positivity next 12 months

• Whenever VIX has been inverted >12M (avg value), S&P 500 had positive returns next 12M. 100% of the time

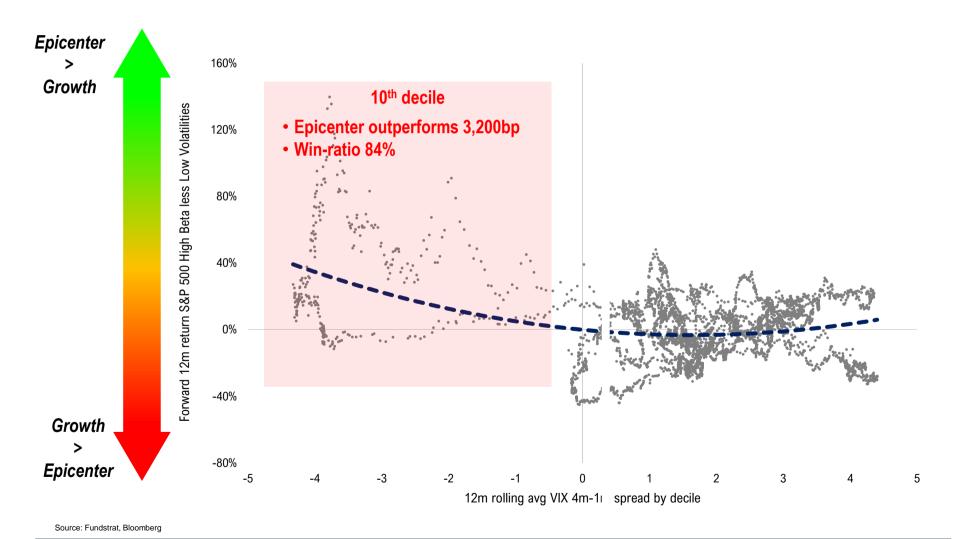
Figure: VIX 4m less 1m spread vs. S&P 500 forward 12m return Since 2004



VIX TS vs EPICENTER: Epicenter sees massive rally when VIX normalizes

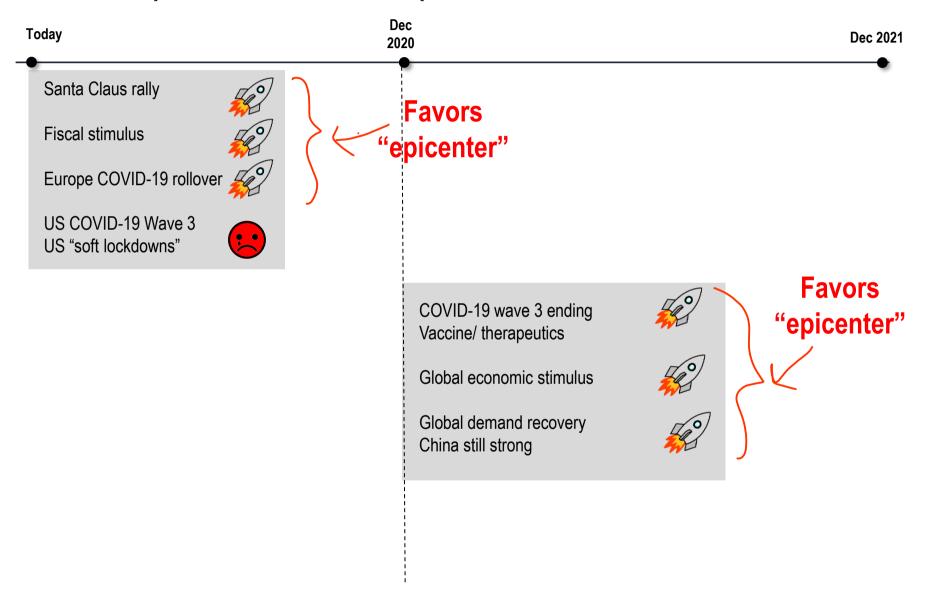
• The outperformance of Epicenter (aka Cyclicals) is even stronger, with 3,200bp outperformance.

Figure: VIX 4m less 1m spread vs. S&P 500 High Beta Index forward 12m return relative to S&P 500 Low Volatility Index Since 2004





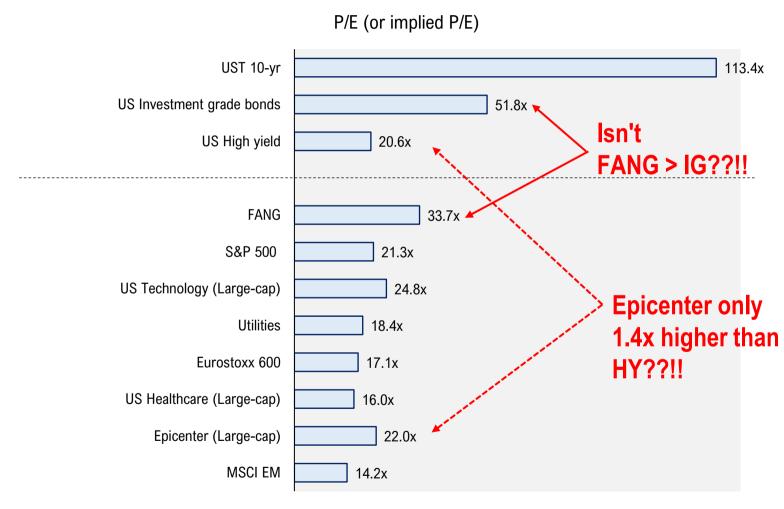
Epicenter: Tailwinds for Epicenter stocks in 2021





CYCLE REVERSION: TINA, or Bonds and Stocks valuations converge

Figure: PE of Bonds (inverse of YTW) and PE of equities Current



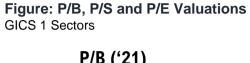
Source: Fundstrat and BofA

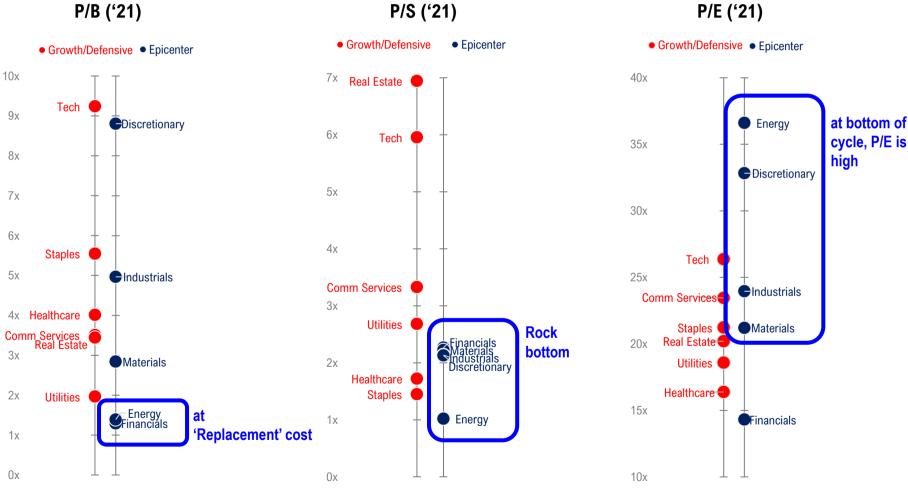


VALUATION REVERSION: Epicenter valuations consistent with 'bottom of

We fight the comparative valuation of Epicenter vs Growth/Defensives on various metrics.

• Epicenter stock valuations consistent with cycle low – bottom at P/B but high on P/E ('E' depressed)

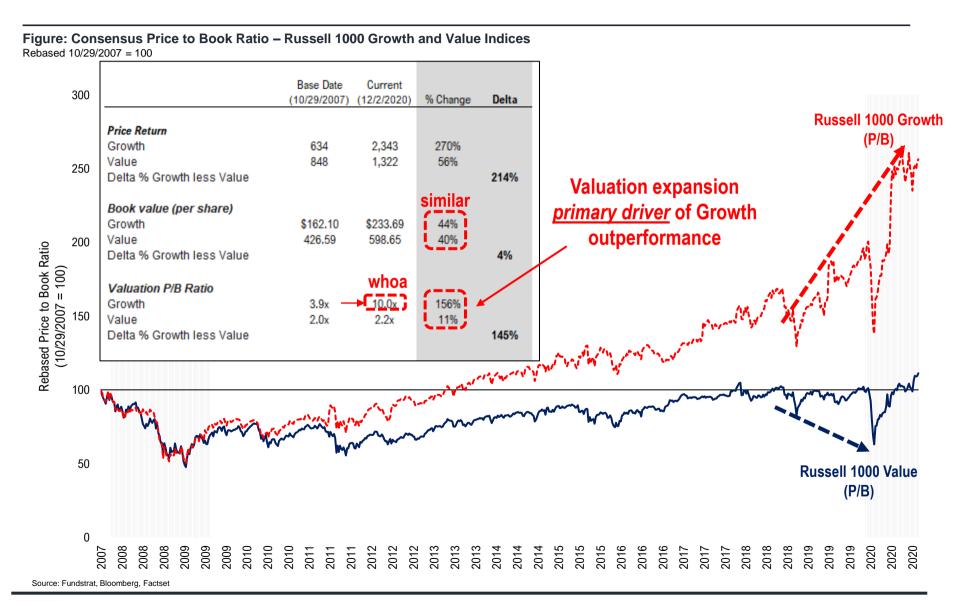




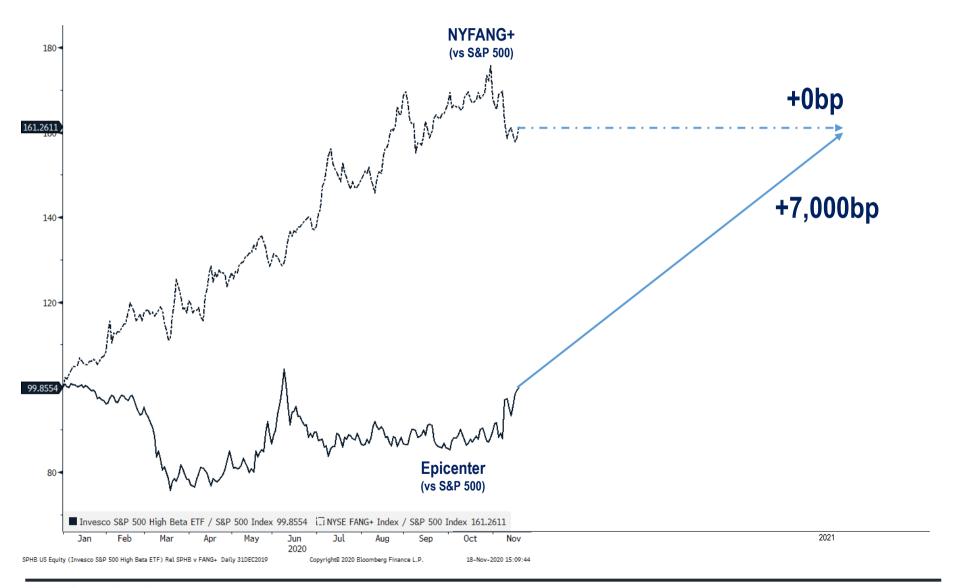
Source: Fundstrat

CYCLE REVERSION P/B RATIO: Growth and Value

• Almost all of the outperformance of Growth due to the multiple expansion, not book value growth



CYCLE REVERSION: 7,000bp of upside if Epicenter just "mean reverts"

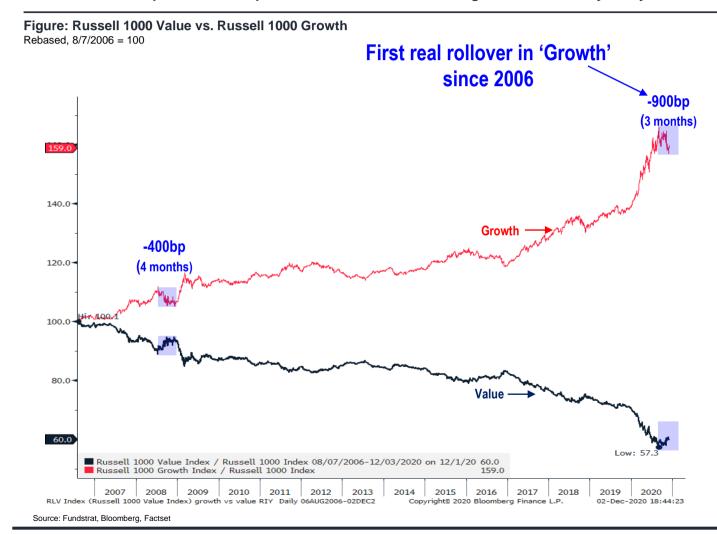




CYCLE REVERSION: First 'wiggle' in Growth outperformance since 2007

One of the most important questions in 2021 is whether sufficient structural factors/changes have taken place in 2020 to justify a period where Epicenter (aka Cyclical stocks aka Value) can durably outperform Growth.

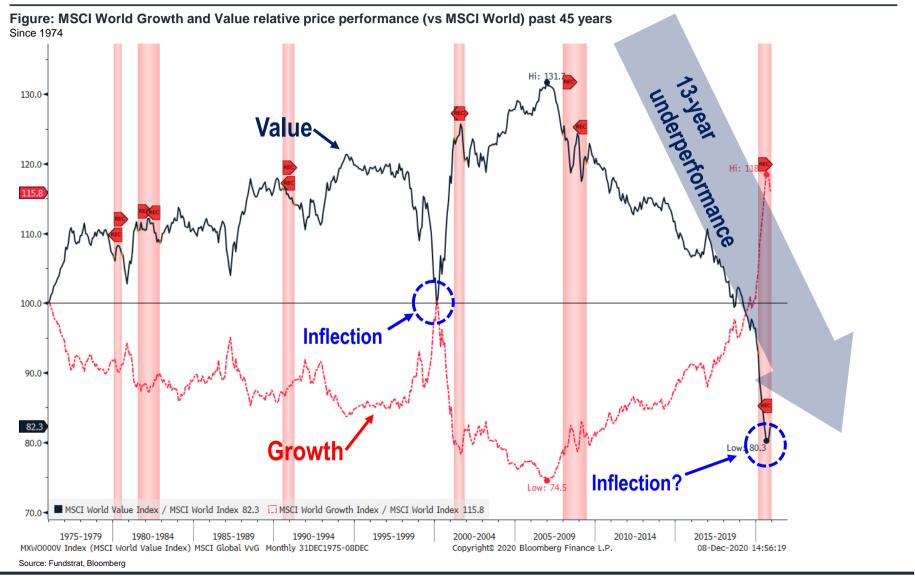
• Below we plot the relative performance of Russell 1000 Growth and Value since 2006. As you can see, in the past 3 months, the long-time leader Growth has seen a 900bp underperformance (vs R1K index). This bears quite a lot of importance in 2021 - are we seeing the start of a 14-year cycle of Value leadership?





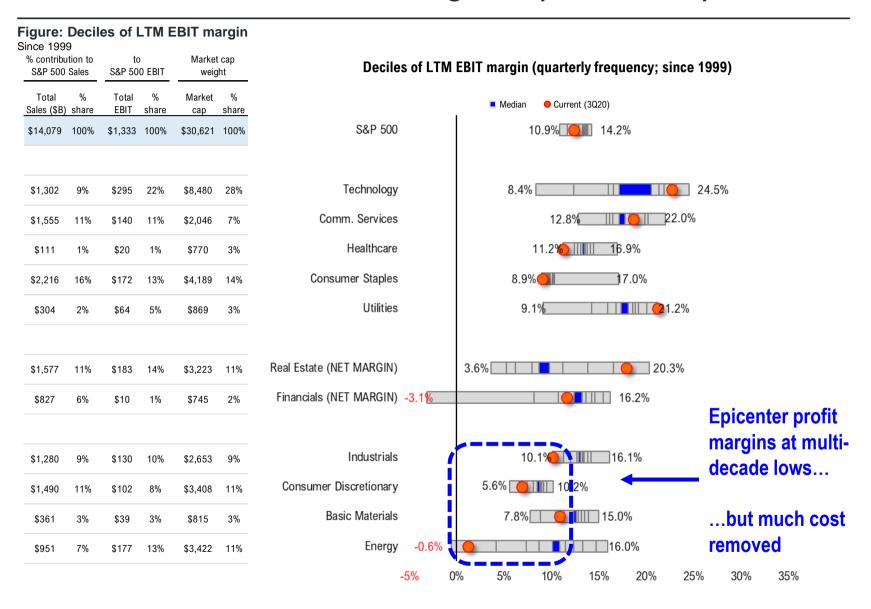
CYCLE REVERSION: 13-years of horrific underperformance of Value

• Is this a key moment in Value stocks worldwide—it is very telling to us and we believe now is the time to be OW Value.





CYCLE REVERSION: Profit margins of Epicenter (aka Cyclicals) recover

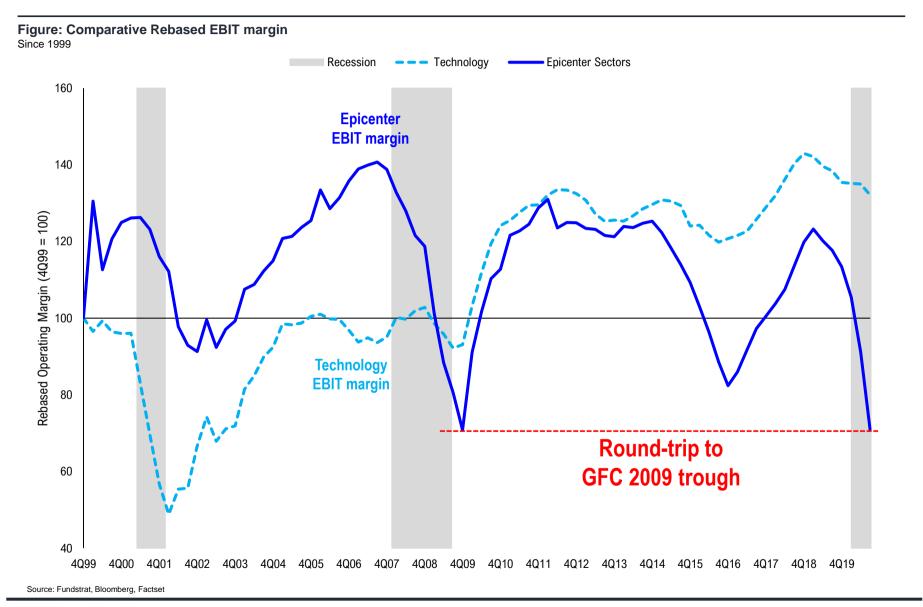


Source: Fundstrat, Factset.



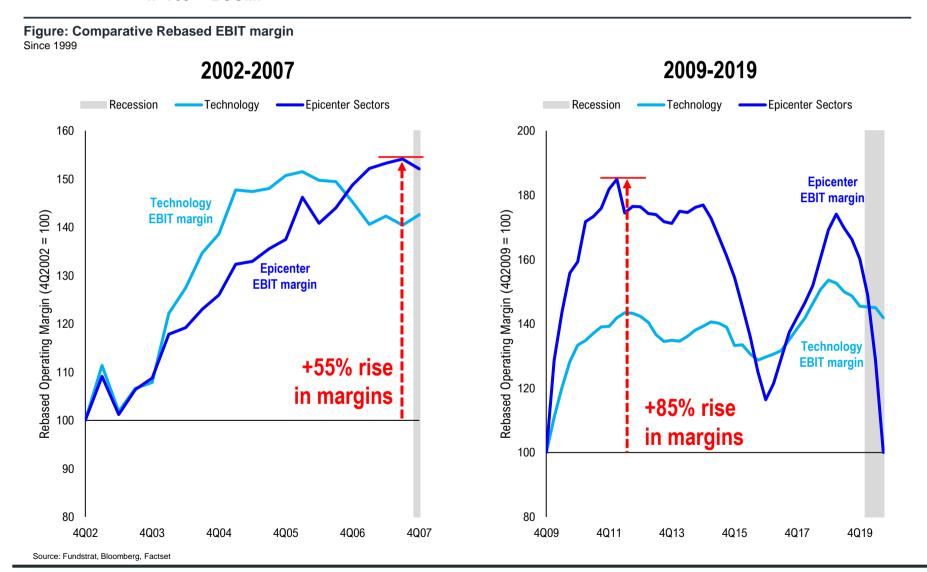
CYCLE REVERSION: Epicenter EBIT margins round-tripped back to 2009

EBIT margins collapsed for Epicenter groups, while Technology margins remains strong, still rising



CYCLE REVERSION: Shouldn't 2021 EBIT expansion surpass prior cycles?

- Epicenter stocks saw 55%-85% rise in incremental EBIT margins in two most recent expansionary cycles. Should Epicenter EBIT margins surpass that in 2021 and beyond?
- If 'Yes' = BOOM!





NEW NORMAL: Aftermath, who are winners?

We think there are some structural changes in the aftermath of COVID-19.

Take a look below → this is our best guess and not a prediction.

Figure: Way forward → What changes after COVID-19

Per Fundstrat best guess

	Structural Change	Rationale	Stranded Capital	New Capital
1.	Supply chain moves back to USA	From China → USA	Foreign factories Foreign supply chains	Domestic factories Domestic supply chains
2.	De-urbanization	Cities → suburbs	Urban restaurants Urban shopping City-centric services	Housing + furnishing Infrastructure Home entertainment Home delivery Suburban entertainment Suburban amenities
3.	Work from home	Office → home	Office space midtown/ urban office services	Home technology Home furnishings
4.	Buy USA	Global → USA	Foreign-based asset	US based assets

Source: Fundstrat, Bloomberg, Factset

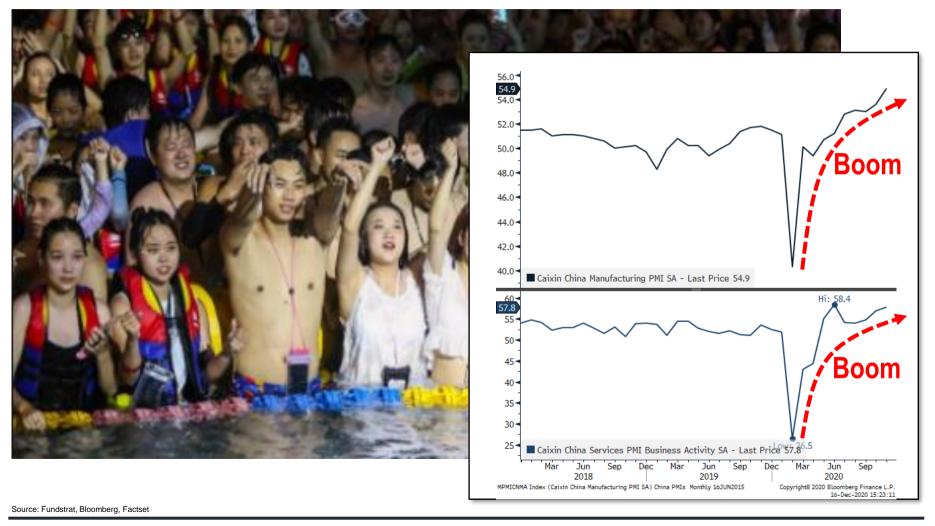


2021: BOOM follows vanquish of COVID-19. Look at China

· We expect a boom in the economy to follow the vanquish of COVID-19. Look at China. Wow

Figure: China PMI

Markit PMI



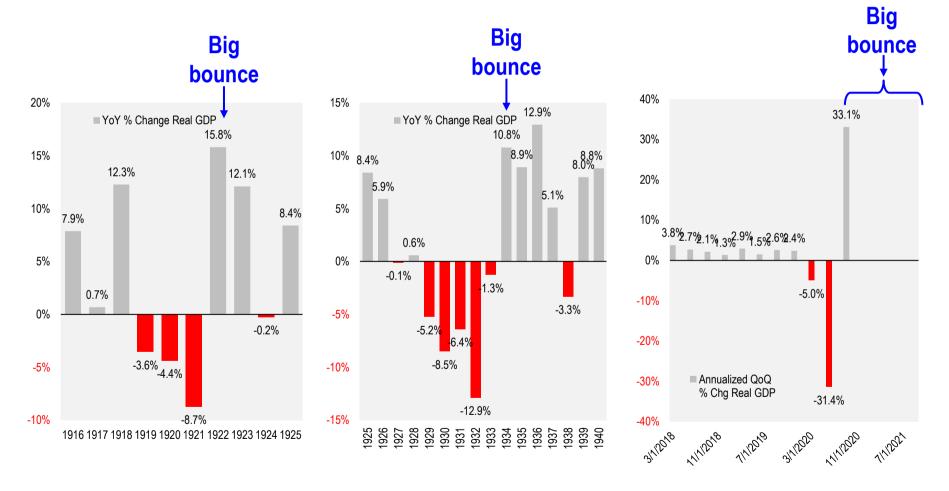
ECONOMY: Fast declines lead to fast bounces

Typically, GDP growth is robust following major GDP declines.

• 2020 GDP decline is one of the faster ever declines - hence, Greater Depression

Figure: GDP Growth - YoY for pre-1945

Since 1900



Source: Fundstrat, Bloomberg, Factset

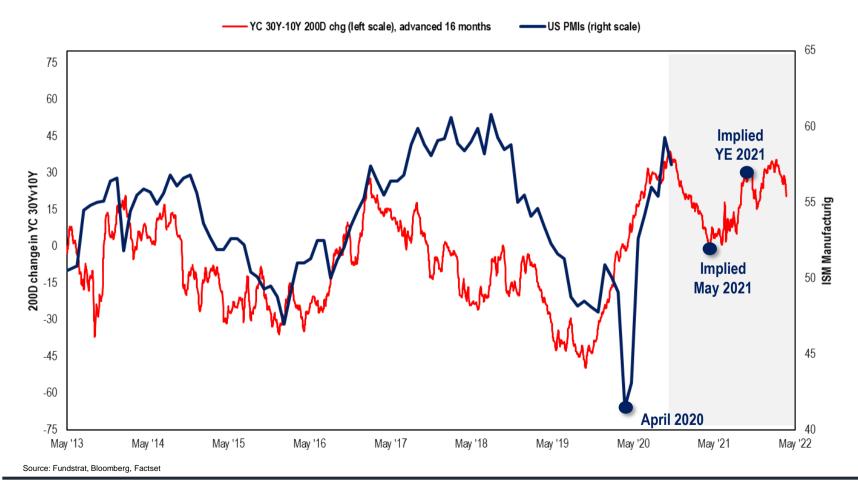


ECONOMY: 30Y-10Y still 'textbook' leads ISM by 16 months = >50 in

2021
The long-term yield curve (10M change of 30Y-10Y yield spread) demonstrated a good predictive power on ISM PMI.

- Since our April 2017 study, the long-term yield curve seems to be doing a pretty good job of predicting ISM.
- 2020 has been 'textbook' of ISM following the 30Y-10Y 200D change... with a lag of 16 months

Figure: Long-term yield curve 10M change (advanced 16-months) and ISM Manufacturing Past 6 years



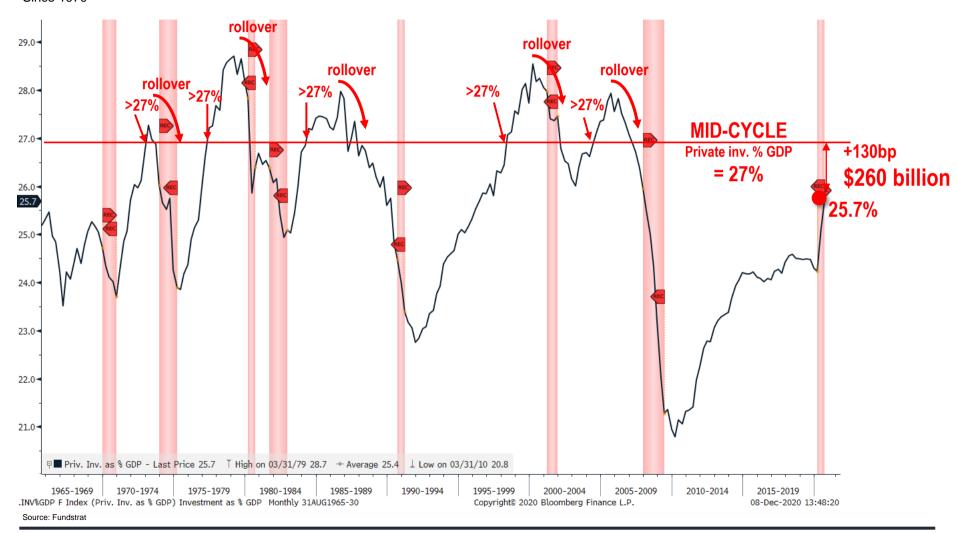


INVESTMENT: Finally rising and MID-CYCLE when reaches 27% of GDP

Private Investment peaking is logically the peak of the business cycle—when private sector has over-invested.

• This ratio (past 50 years) is 27% and needs to rollover before we see a recession. Currently, this ratio is at 25.7%

Figure: Private Investment (sum of capex + durables + residential investment) as % GDP is still below 27% Since 1970



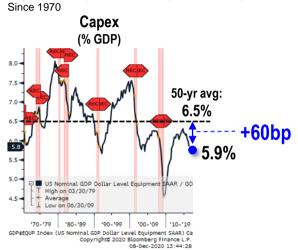


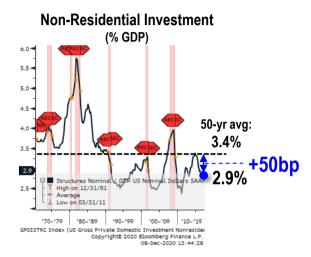
MEAN REVERSION ONLY: +300bp upside to investment as % GDP

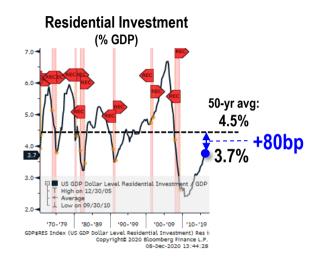
There are 5 components for private investment spending (shown below), (i) Capex; (ii) IP spend; (iii) Non-res building; (iv) Res. Construction; and (v) consumer durables purchases

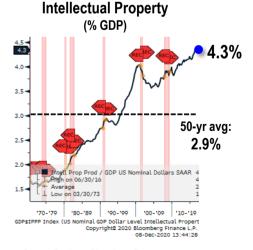
• Just "mean reversion" to 50-yr averages implies 300bp upside to investment spend, or \$600 billion in capex.



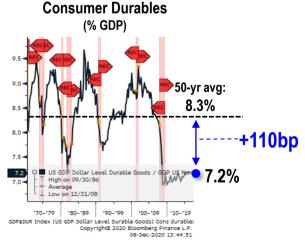








MEAN REVERSION ONLY: +300bp = \$600 billion capex



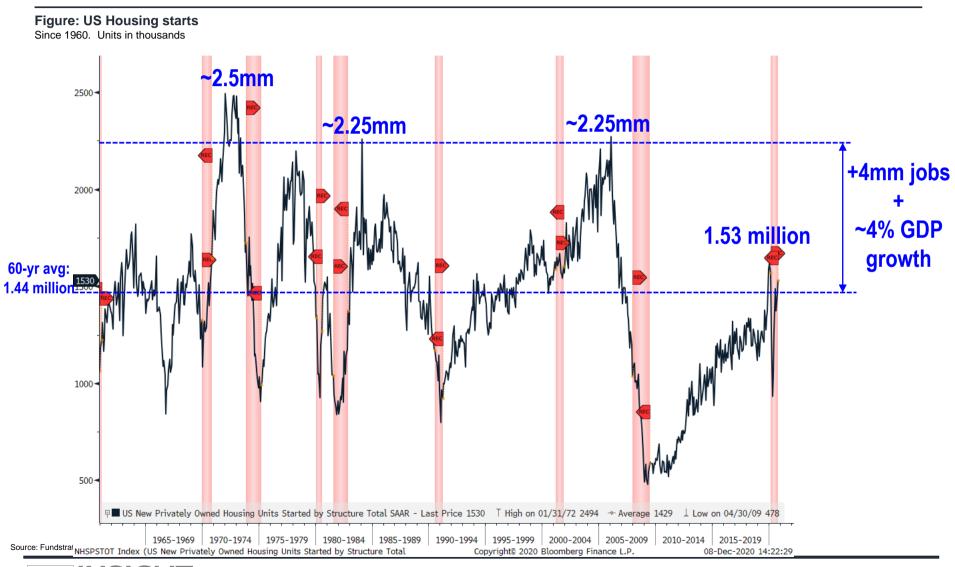
Source: Fundstrat, Bloomberg, Factset



ECONOMY: Going 'asset heavy' = housing boom

We believe there is substantial pent-up demand in housing.

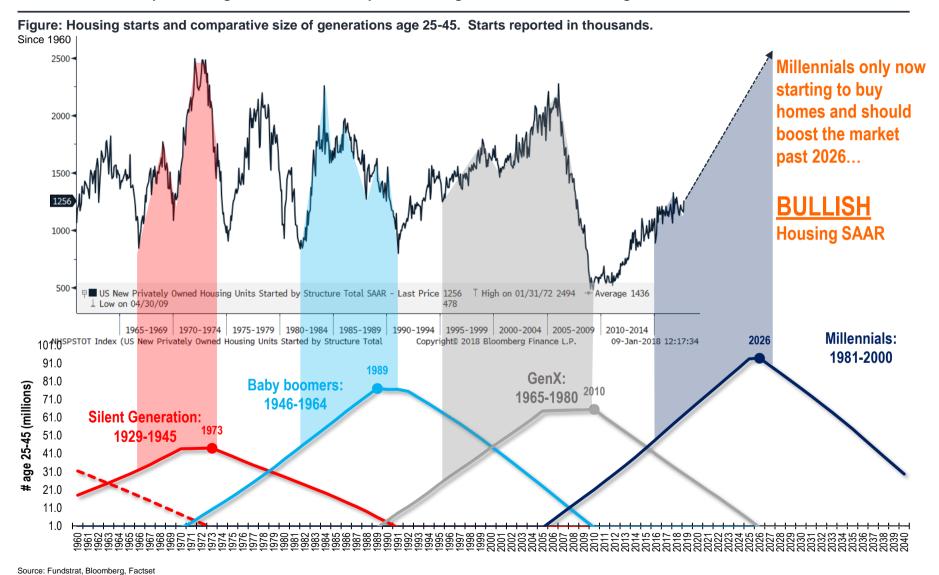
· After nearly 12 years of massive under-building, we expect housing starts to exceed 2 million annually soon



Housing follow generations and implies <u>peak</u> starts 2029 or so...

We believe the prime market for homebuyers is age 25-45 and as shown below, this cohort size seems to explain housing cycles.

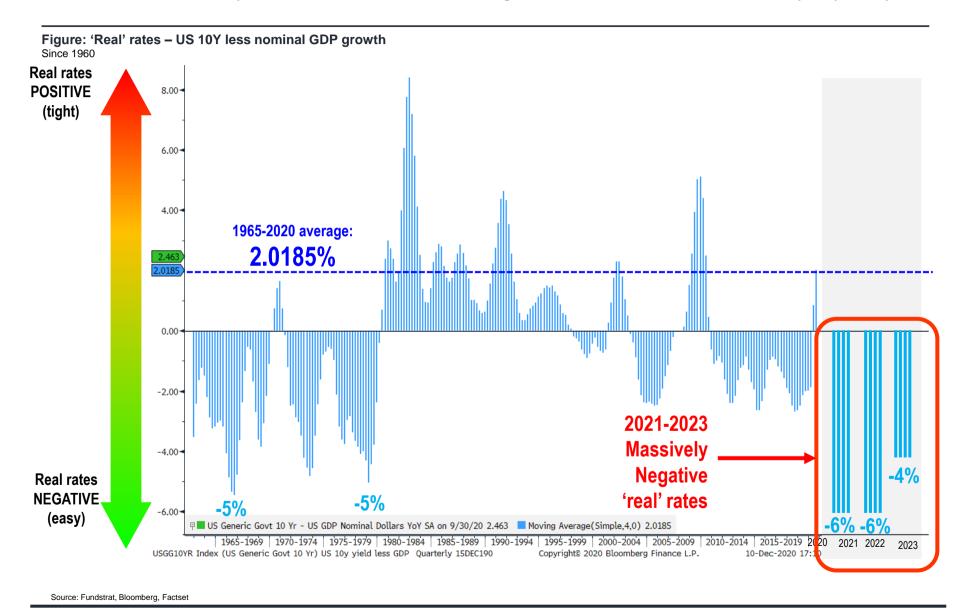
• If precedent generations are a template, housing starts should rise through 2029 towards 2.5 million starts.





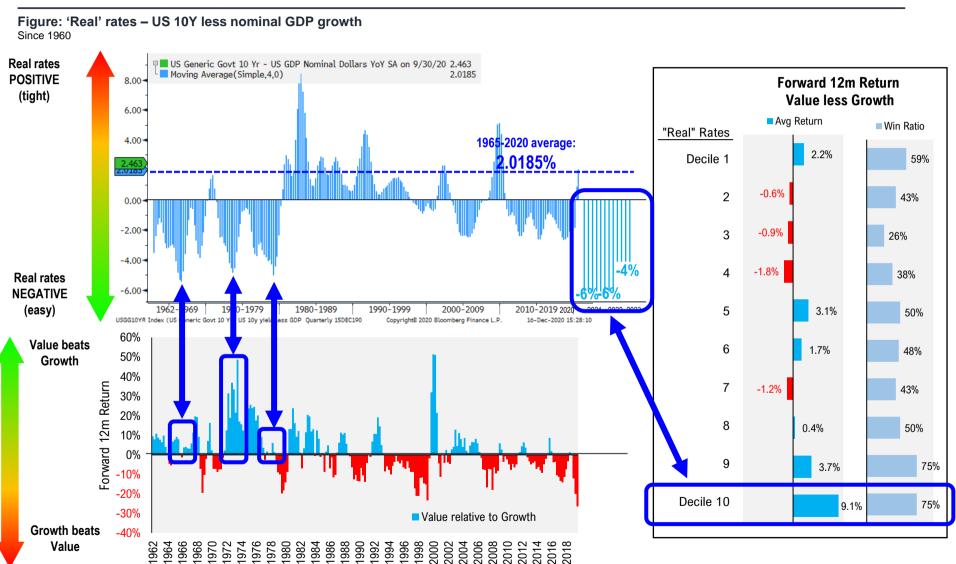
EASY MONEY: "Real rates" lowest since early 1960s...

• Historically, 10Y is 2.0185% above nominal GDP growth but in 2020-2023, -6.00%. Massively easy money



EASY MONEY: Epicenter leads when "real rates" sharply negative

Historically, 10Y is 2.0185% above the nominal GDP growth rate but in 2020-2023, should be -6.00%. Massively easy money

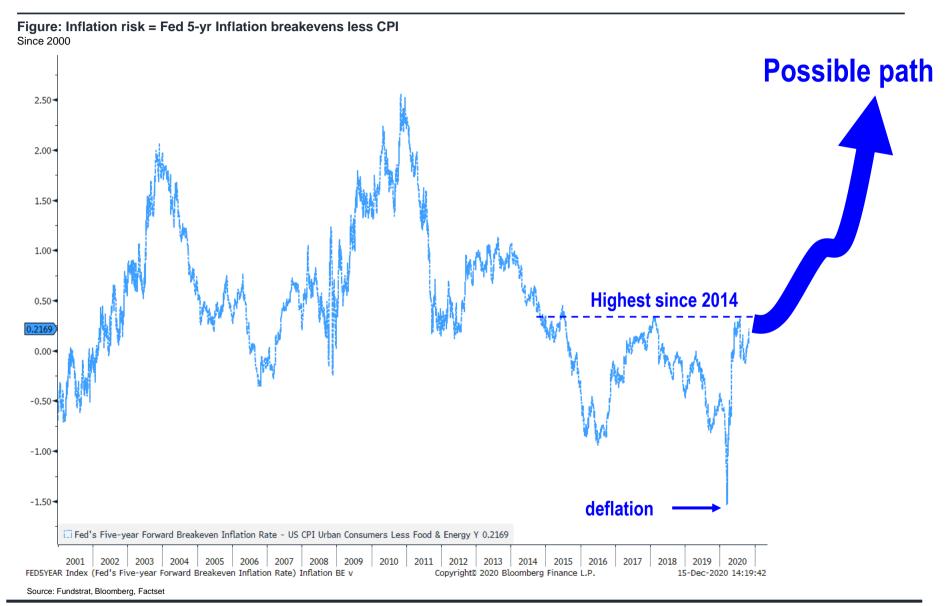




Source: Fundstrat, Bloomberg, Factset

CYCLE REVERSION: Inflation 'risk' is highest since 6 years

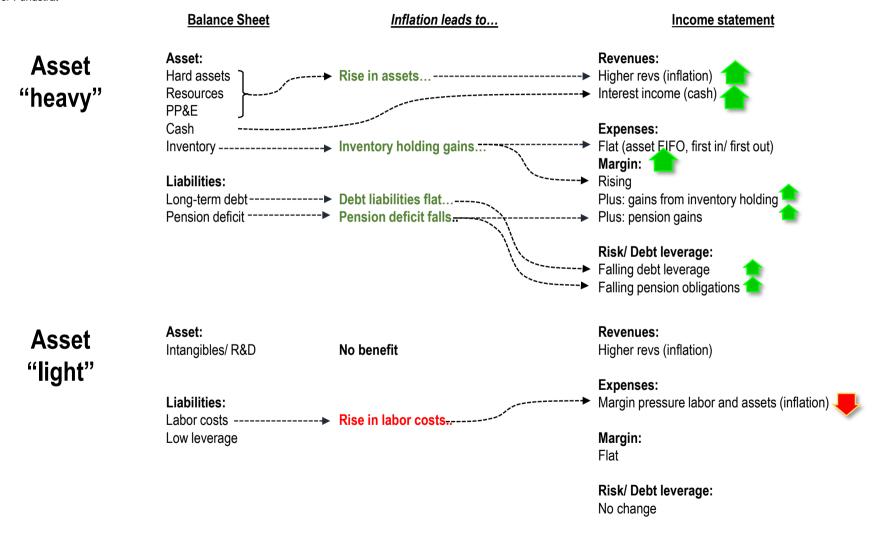
• The implied 'inflation' risk is the highest since 2015...



ASSET INTENSITY: Asset "heavy" beats Asset "light" business models....

Figure: Comparative benefit of Asset heavy/ Value stocks in inflation rising environments

Per Fundstrat



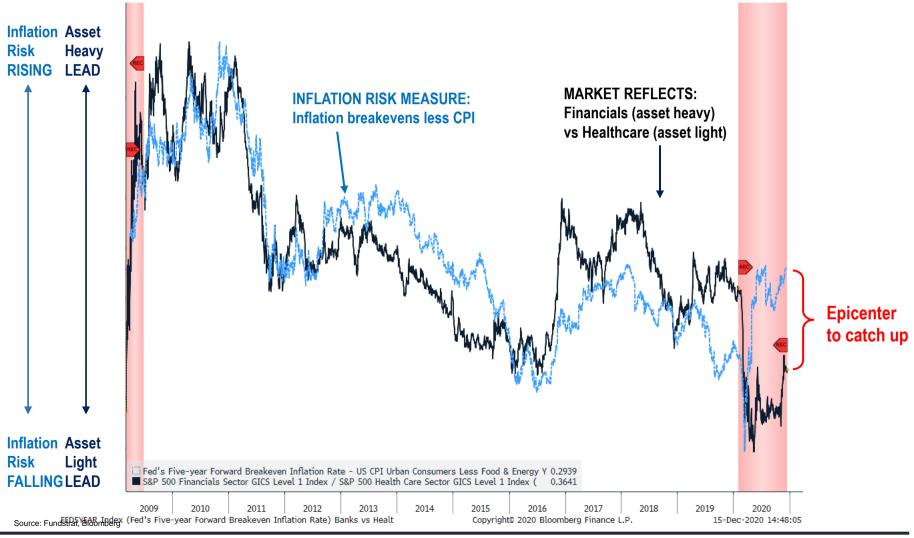




CYCLE REVERSION: Rising inflation risk = Asset heavy lead = epicenter

Comparing inflation risk premia influences how Financials (asset heavy) trades versus Healthcare (asset light) illustrates that equity markets are good at detecting this inflation risk.

Figure: Inflation risk explains Financials (asset heavy) vs Healthcare (asset light)

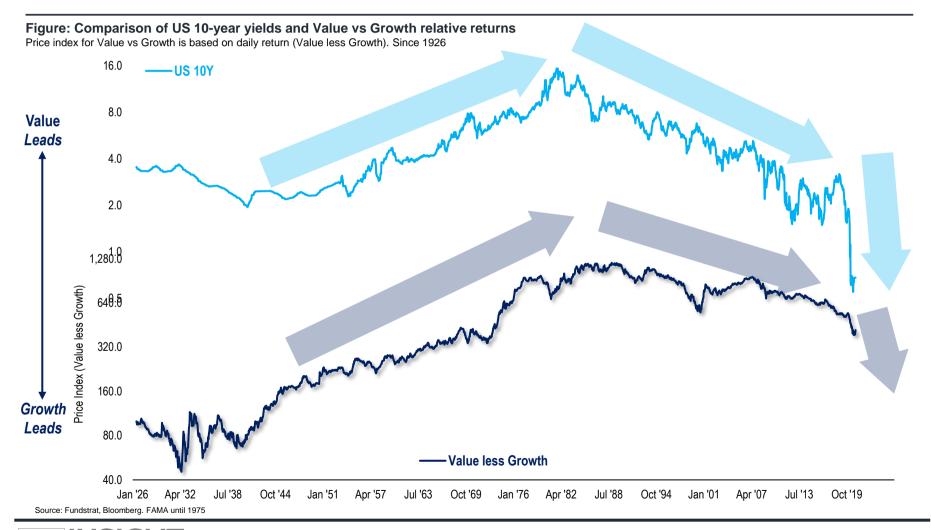




CYCLE REVERSION: Interest rates 'go up'? If so, bullish for Value

We have written two reports previously discussing what we see as factors behind the lagging returns in Value, of which, we see 3 of 4 factors as temporary (see report published Sept 8, 2017 "4 factors explain underperformance of Value"). And last week, we noted that the underperformance of US Value vs US Growth AND Global Value is historic.

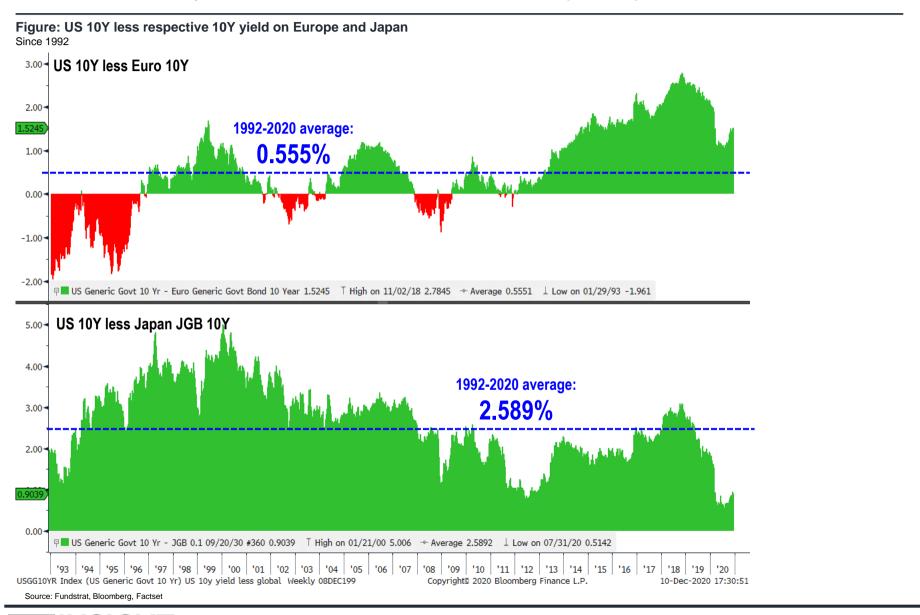
• But as highlighted below, perhaps the biggest headwind to Value's performance has been QE and falling interest rates. As shown below, during periods of rising rates, Value generally has outperformed.





US TINA: US 10Y yield superior to Germany and Japan

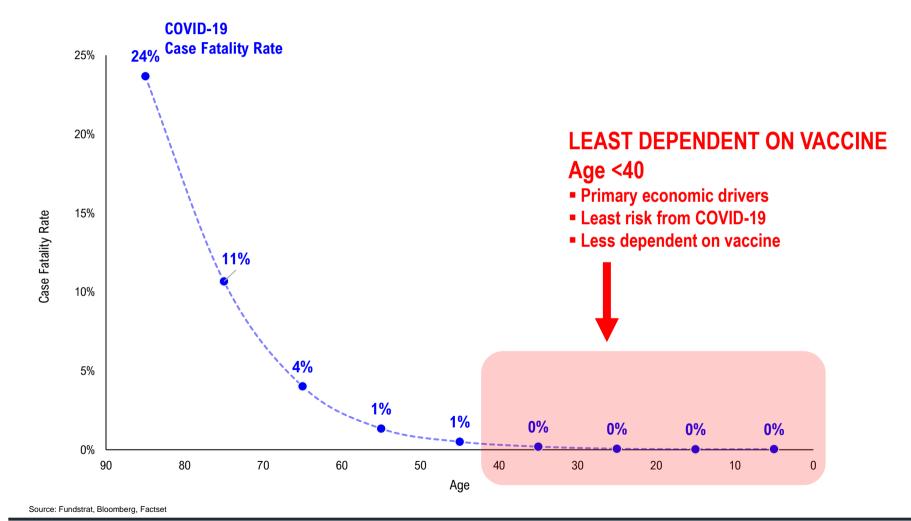
• US 10Y yields offer a rich enhancement of return versus Europe and Japan



VACCINE PARADOX: Younger Adults least at risk, and key to US GDP growth

• Younger adults (<age 40) are the primary driver of US GDP growth and face the least amount of risk from COVID-19. Thus, economy is less dependent, arguably, on a vaccine.

Figure: Case fatality rate by age Per CDC



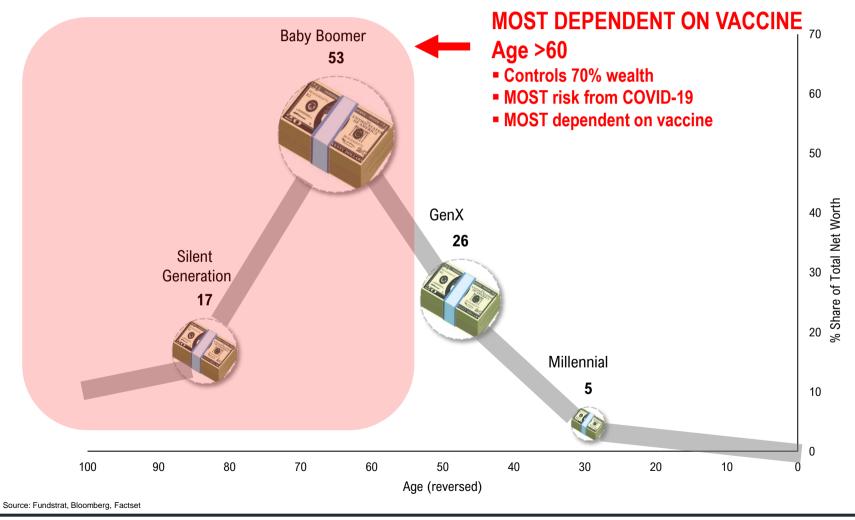


VACCINE PARADOX: Financial markets are controlled by >age 60, most at risk

• Adults >age 60 control 70% of the wealth today, and this cohort is most at risk from COVID-19

Figure: Share of US household wealth

Per Federal Reserve



SCARED MONEY: Vaccine matters more for financial markets than economy

- Americans age >60 have 70% of US wealth and face the greater risk from COVID-19
- Thus, an effective vaccine matters more for financial markets than economy...

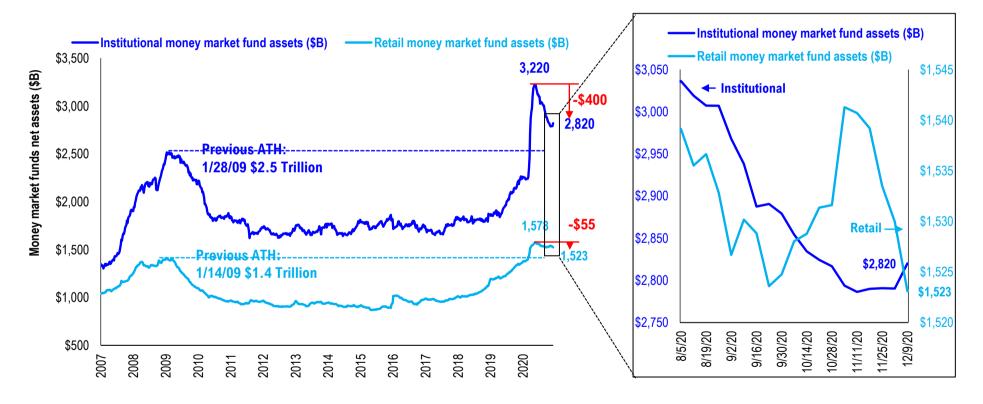
Figure: Comparative share of US wealth and Case fatality rate from COVID-19 Age >60 ■ 70% of wealth COVID-19 Greatest risk from COVID-19 **Case Fatality Rate** Baby Boomer 70 27% 53 60 25% 50 20% Age <40 Case Fatality Rate ■ 5% of wealth GenX Least risk from COVID-19 26 15% 13% Silent Generation 17 10% Millennial 5% 10 1% 0% 0% 0% 90 80 70 60 50 40 30 20 100 10 Age (reversed)



Source: Fundstrat, Federal Reserve and CDC

DRY POWDER: Money on sidelines has "barely" budged... and now down to "only" \$4.3 trillion, from the peak of \$4.8 trillion

Figure: Institutional and retail money market fund assets Since 2007



Source: Fundstrat, Bloomberg, ICI

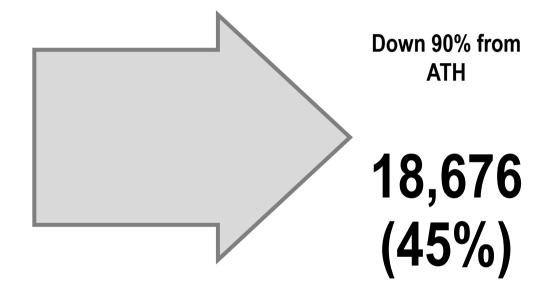


INDEX vs STOCKS: Some validity to why institutions "write-off" 90% down...

Since 1975...

stocks listed on NYSE, NASDAQ, AMEX

41,592



Average stock goes to zero



STRATEGY: Increase "win-rate" of stock picks...

Shaquille:

(career success)

52%



Rick Barry:

(career success)

90%



STRATEGY: Granny Shots represents the "best of the best" from Thematics

The granny shots represent the best of the best from the thematic portfolios.

• This is derived from looking at stocks which appear in multiple themes. As listed on the following pages, no stock appears in 6 of 6 thematics, but AAPL, CSCO, GOOG and XLNX appear in 4 out of 6.

Figure: Granny Shots are the "best of the best" Stocks which appear in multiple themes.

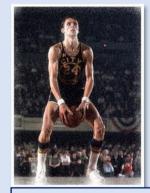
Tactical (6M-12M)

	# stocks	
Style tilt	28	
Seasonality	22	M
PMI Recovery	20	

Thematic (3Y-5Y)

stocks Millennials 28 Automation/ Al 49 Asset intensity 26

Granny Shots



Rick Barry career free throw percentage
was eye-popping 90%, incredible
considering Shaquille O'Neal's only
52%.

His secret? The unorthodox style of underhanded throws, which is considered "not macho" enough for most players.

# overlaps "layups"	Tickers
4	GOOG, AAPL, CSCO
	XLNX
3	GRMN, MSFT, MXIM
2	LEN, KLAC, MNST

LOW, AMZN, EBAY TSLA, PYPL, AXP

OMC, GWW, INTC

BF/B, PM, NVDA

QCOM



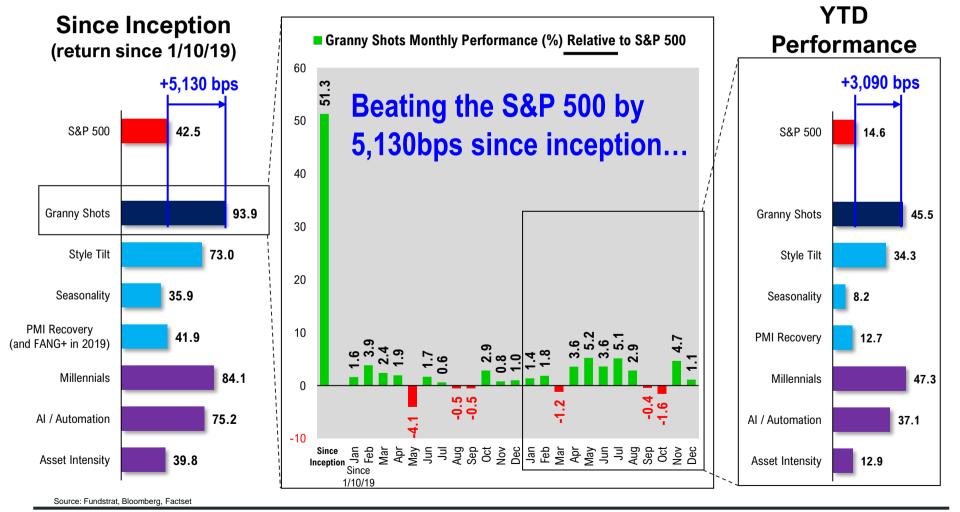
GRANNY SHOTS: Beat S&P 500 18 out of the 24 months since inception...

The relative performance of Granny Shots is below and as highlighted, has beaten the S&P 500 by 5,130bp since inception.

• Granny Shots, which are the "best of the best" for our thematic portfolios (and rebalanced every quarter) has consistently outperformed on a monthly basis. It has beaten the S&P 500 by 5,130bp since inception and 3,090bp YTD.

Figure: Granny Shots Portfolio Performance

Monthly; As of 12/16/20







Rick Barry career free throw percentage was eye-popping 90%, incredible considering Shaquille O'Neal's only 52%.

His secret? The unorthodox style of underhanded throws, which is considered "not cool" enough for most players.



GRANNY SHOTS: Best bets in 2020

We recommend investors our granny shots, comprised of 23 stocks.

• These stocks are recommended across at least two of our investment strategies for 2020, which makes them likely to benefit from multiple themes and secular tailwinds.

Figure: Granny shots – recommended across at least two investment strategies for 2020 Per Fundstrat

	Company	information										Fundament	als & Valuatio	n			The	me Mei	nbersl	nip	
							Analyst	Ratings	-							Growth Tilt		, r	tion		Count
			Current	Mkt cap	3m avg	YTD perf	FC Mean (5=Buy	Mean implied	Dividend	Issuer	Short	2021E sales	2021E EPS	P/E		_	Seasonality	PMI Recovery Millennials	AI / Automation	Inflation	Strategy Co
	Ticker	Company name	Price	(\$ mm)	(\$ mm)	500)	1=Sell) ⁽¹⁾	upside (2)	Yield	Rating	of float	growth ⁽³⁾	growth (3)	('21E)	ROE	Value	Ses		. ≥	필	Str
1	GOOG	Alphabet Inc-CI C	\$1,818.55	\$1,227,779	\$2,816.6	21.4%	5.00	4%	0.0%	AA+	0.9%	21%	19%	29.5x	18%	•	$\overline{}$		T•	•	4
2	AAPL	Apple Inc	\$124.38	\$2,114,684	\$15,206.3	54.8%	4.23	2%	0.7%	AA+	0.6%	15%	21%	31.2x	74%			•		.	4
3	CSCO	Cisco Systems Inc	\$44.37	\$187,486	\$970.6	-22.1%	3.90	9%	3.3%	AA-	1.0%	-1%	-2%	14.1x	29%					.	4
4	XLNX	Xilinx Inc	\$146.19	\$35,834	\$451.0	34.9%	3.09	-14%	1.1%	NR	1.4%	12%	32%	43.2x	24%		•		•	.	4
5	GRMN	Garmin Ltd	\$122.85	\$23,494	\$84.4	11.3%	3.60	-10%	2.1%	_	1.4%	7%	6%	24.1x	22%			•	•		3
6	MSFT	Microsoft Corp	\$216.01	\$1,633,143	\$6,348.2	22.4%	4.79	12%	1.0%	AAA	0.5%	11%	17%	31.9x	41%		•				3
7	MXIM	Maxim Integrated Products	\$87.66	\$23,432	\$192.6	27.9%	3.33	-12%	2.2%	BBB+ *+	3.1%	13%	22%	31.7x	39%	•	•		•		3
8	LEN	Lennar Corp-A	\$72.50	\$22,134	\$220.3	15.4%	4.09	23%	0.6%	BB+	3.2%	10%	12%	8.8x	14%	•	•				2
9	KLAC	Kla Corp	\$266.94	\$41,232	\$224.2	35.2%	3.80	-11%	1.4%	BBB+	2.2%	8%	18%	21.8x	48%	•				•	2
10	MNST	Monster Beverage Corp	\$88.20	\$46,562	\$179.4	24.2%	4.16	5%		_	2.1%	12%	14%	33.7x	27%	•		•			2
11	OMC	Omnicom Group	\$64.65	\$13,898	\$135.4	-34.8%	3.29	-7%	4.2%	BBB+	5.8%	5%	10%	11.8x	38%	•	•				2
12	GWW	Ww Grainger Inc	\$406.67	\$21,825	\$117.7	5.5%	3.38	-4%	1.5%	A+	1.8%	4%	12%	22.2x	31%	•		•			2
11 12 13	INTC	Intel Corp	\$50.69	\$207,728	\$1,640.1	-29.9%	3.09	3%	2.7%	A+	1.8%	-5%	-7%	11.2x	29%	•	•				2
14	LOW	Lowe'S Cos Inc	\$151.24	\$110,817	\$727.6	11.7%	4.52	21%	1.6%	BBB+	0.8%	-3%	1%	17.2x	164%		•		•		2
15	AMZN	Amazon.Com Inc	\$3,177.29	\$1,594,209	\$15,581.3	57.4%	4.89	20%		AA-	0.7%	18%	28%	71.2x	25%		•		•		2
16	EBAY	Ebay Inc	\$49.89	\$34,391	\$454.9	23.6%	3.78	24%	1.3%	BBB+	3.8%	7%	9%	13.6x	174%		•			•	2
17	TSLA	Tesla Inc	\$649.88	\$616,022	\$22,058.6	662.2%	3.00	-44%		BB-	6.3%	47%	-	nm	5%			•	•		2
18	PYPL	Paypal Holdings Inc	\$216.94	\$254,187	\$1,837.6	86.0%	4.58	4%	0.0%	BBB+	1.4%	19%	19%	48.0x	18%			•		•	2
19	AXP	American Express Co	\$123.52	\$99,459	\$466.8	-15.4%	3.65	-5%	1.4%	BBB+	1.2%	11%	104%	18.3x	15%			•		•	2
20	BF/B	Brown-Forman Corp-Class B	\$78.96	\$37,787	\$64.2	2.2%	2.33	-6%	0.9%	A-	1.4%	6%	9%	41.2x	42%			•		•	2
21	PM	Philip Morris International	\$82.64	\$128,697	\$362.9	-17.5%	4.44	10%	5.8%	Α	0.5%	8%	11%	14.5x	_			•		•	2
22	NVDA	Nvidia Corp	\$534.00	\$330,546	\$5,929.6	112.4%	4.36	10%	0.1%	A-	1.0%	20%	20%	46.0x	29%		•		•		2
23	QCOM	Qualcomm Inc	\$158.80	\$179,603	\$1,066.3	65.4%	4.30	0%	1.7%	A-	1.4%	38%	69%	22.4x	95%		•		•		2
	Average			\$390,650	\$3,353.8	50.2%	3.90	1%	1.7%		1.9%	12%	20%	27.6x	45%						
	Median			\$110,817	\$466.8	22.4%	3.90	3%	1.4%		1.4%	11%	16%	23.3x	29%						
		ks positive		,.	,	78%		61%				87%	87%		100%						

Source: Fundstrat, Bloomberg, Factset



APPENDIX:

Perhaps this is all about Millennials



Source: Fundstrat



"Generational" Bets paid off for Boomers

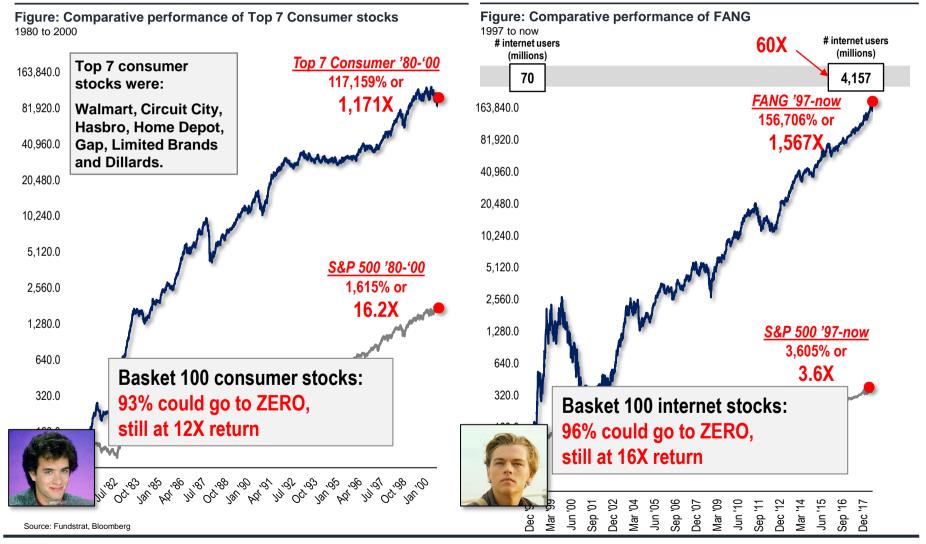


and for GenX



BOOMER SPEND VS PARENTS: Consumer Stocks was right vector

GenX FANG: Internet





DEMOGRAPHICS: Explains business cycles better than people realize...

Millennials are significant for two reasons: sheer size, both in the US and the rest of the world, and relatively young age.

- First, they are the largest single generation ever (larger than Boomers) at a population of 2.5 billion globally.
- Second, at an average age of 26.5, they are just entering their prime income years.

Figure: Total US Population divided by age groups

2017. Data provided by the DESA UN Data sets.

Generation	Years of birth	Average age	At peak (year)
Greatest Generation	1910 1927	92.9	43.2 1930
Silent Generation	1928 1945	78.5	44.1 1974
Baby Boomers	1946 1964	61.3	79.5 1999
GenX	1965 1980	44.5	65.8 2018
Millennials	1981 2000	26.5	95.8 2038
Generation Z	2001 2018	8.3	96.2 2060

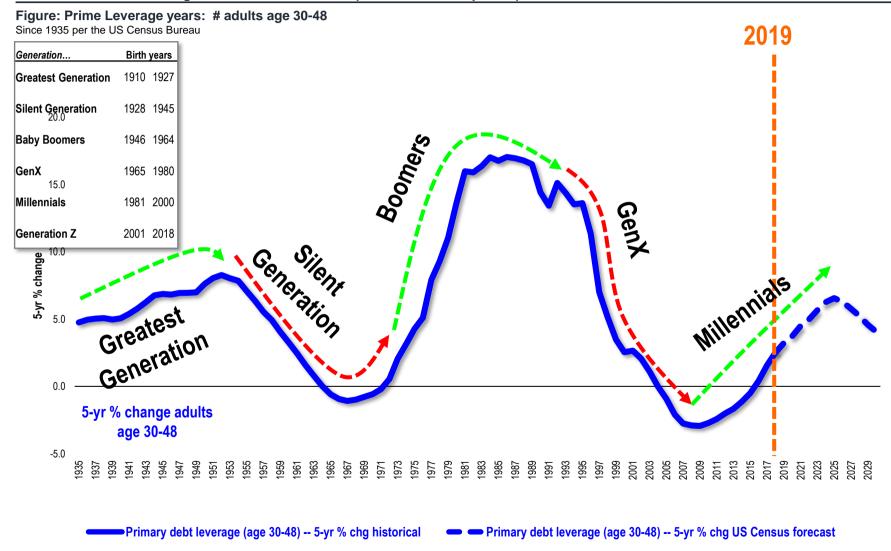
Source: Fundstrat. Peak population figures above include immigration. **Reduced immigration will lead to a smaller overall size of GenZ.



LABOR SUPPLY: Prime skilled US adults age 30-48 inflecting up and surging

The number of adults in "prime leverage age" (age 30-48) is below, based on data from the US Census Bureau.

• This figure fell from 2001-2008 (is GFC not a surprise?) and as shown below, set to accelerate 2018 to 2026.



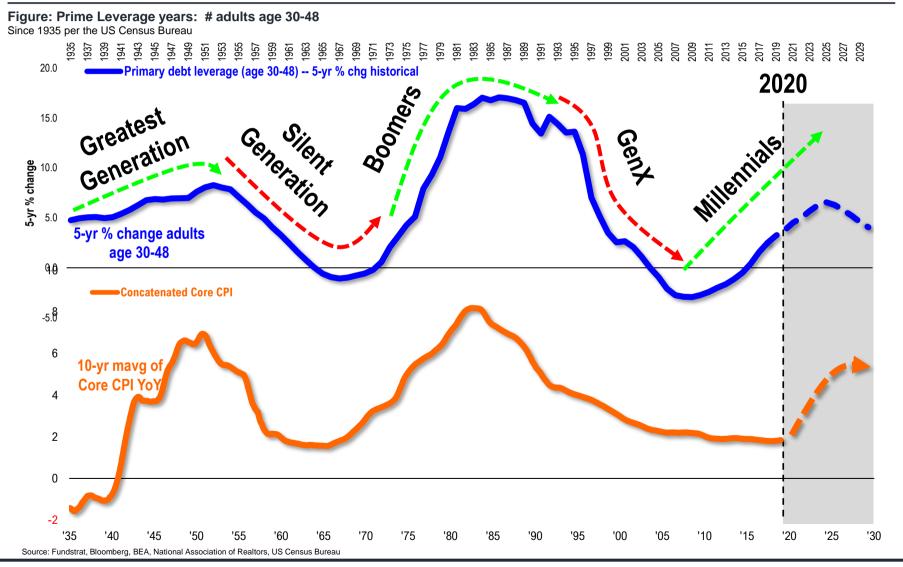




INFLATION: pricing levels follow the population in prime leverage age...

We overlay the # of adults in "prime leverage age" (age 30-48) against the 10-year moving average of US Core CPI growth.

• As millennials enter their prime income/leverage age, the increasing demand could cause inflation to climb up.





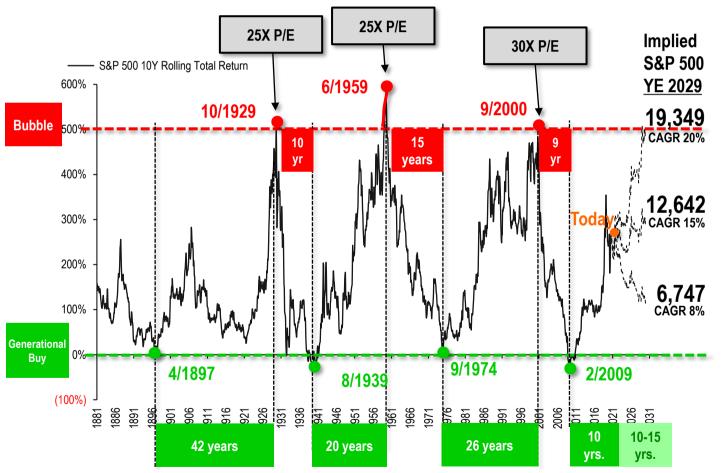
Long-term bull markets see peak acceleration to 500% 10-yr returns

Long-term bull markets last 20-42 years and peak returns accelerate to cumulative gain 500%...

• The current bull market has risen for 10 years and if the history plays out, S&P 500 could reach 19,000 YE 2029 vs. 3,000 now.

Figure: 10-year rolling returns of the US equities





To achieve 19,349 by '29							
EPS GAGR	P/E CAGR	Ending P/E					
15%	4%	26x					
12%	7%	34x					
10%	9%	41x					
8%	11%	49x					
5%	14%	65x					

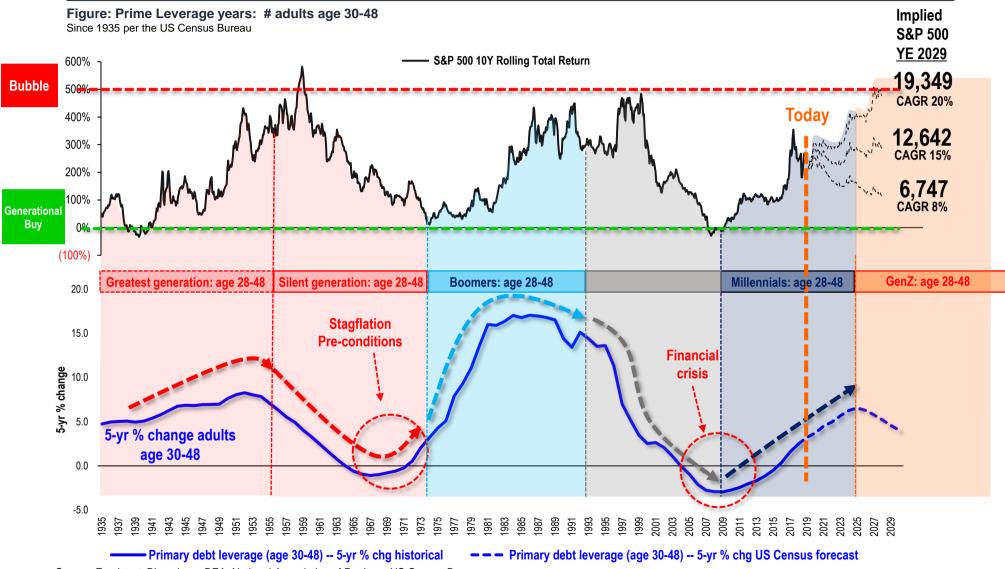
Source: Fundstrat, Bloomberg

Disclaimer: Past performance does not guarantee future results



STOCK: Like housing, equity markets also follow moves in adults age 28-48

We overlay the # of adults in "prime leverage age" (age 30-48) against the 10-year rolling total return of S&P 500 below.



Source: Fundstrat, Bloomberg, BEA, National Association of Realtors, US Census Bureau Disclaimer: Past performance does not guarantee future results

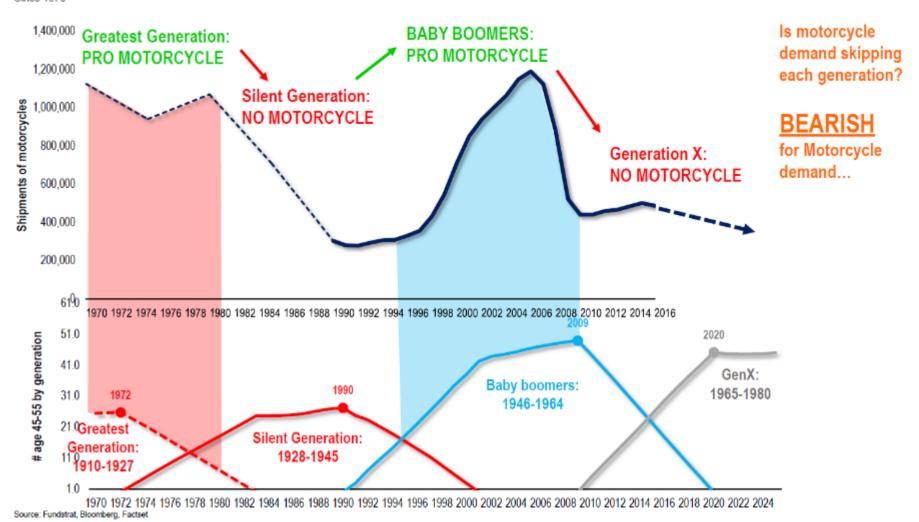


Motorcycles demand skips generations?

Another example of demographics is the sales of motorcycles, which have generally have not performed well since 2008.

Assuming peak demand for motorcycles is nostalgia driven (late middle ages 45-55), demand peaked with boomers.

Figure: Motorcycle Retail shipments and the comparative size of generations at late middle-ages (age 45-55) Since 1970





Disclosures

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Analyst Certification (Reg AC)

Thomas J. Lee, the research analyst denoted by an "AC" on the cover of this report, hereby certifies that all of the views expressed in this report accurately reflect his personal views, which have not been influenced by considerations of the firm's business or client relationships.

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Positive (+): The analyst expects the performance of his industry/sector coverage universe over the next 6-18 months to be attractive vs. the relevant broad market benchmark, being the S&P 500 for North America.

Neutral (N): The analyst expects the performance of his or her industry/sector coverage universe over the next 6-18 months to be in line with the relevant broad market benchmark, being the S&P 500 for North America.

Negative (-): The analyst expects his or her industry coverage universe over the next 6-18 months to underperform vs. the relevant broad market benchmark, being the S&P 500 for North America.

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