

Global Investment Research

The Goldman Sachs Group, Inc.

Approaching Peak Growth: A Roadmap for Equities & Rotation

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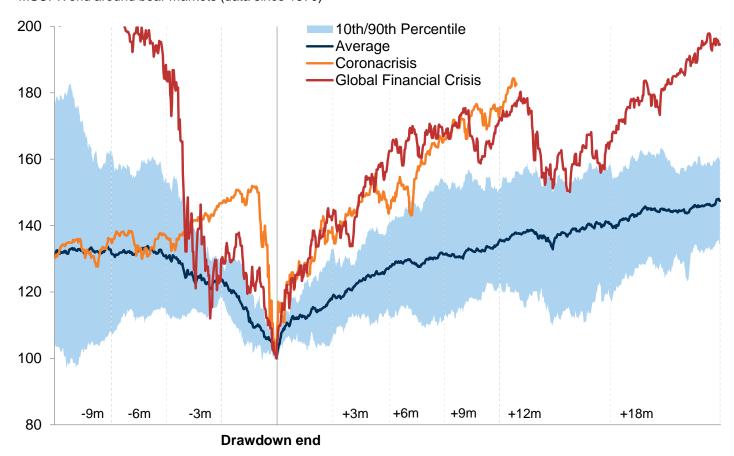
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Equities have outpaced the returns over a similar period following the financial crisis

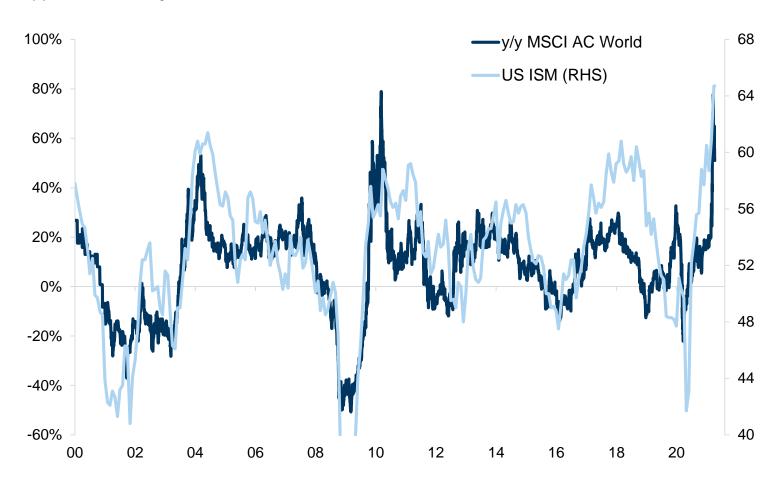
Global equities have performed much better than normal in the recovery MSCI World around bear markets (data since 1970)





The year-over-year change in equities has moved alongside the US ISM

Global equities' relationship with traditional activity indicators has held up well y/y Total Return changes in USD

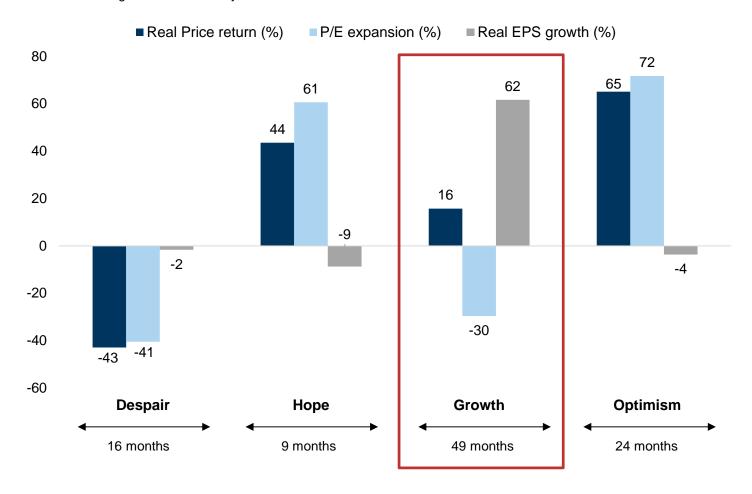




Moving into the 'Growth' phase

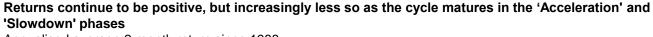
Moving into the 'growth' phase

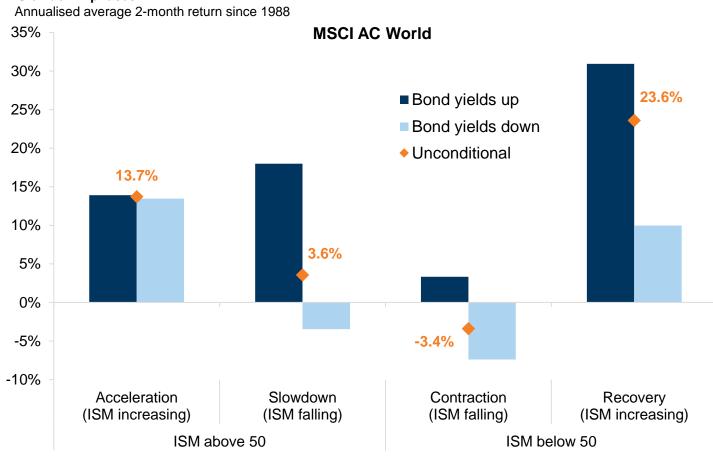
S&P 500. Average across market cycles since 1973





The returns stay positive, but less so, as the cycle matures – depends more on BYs



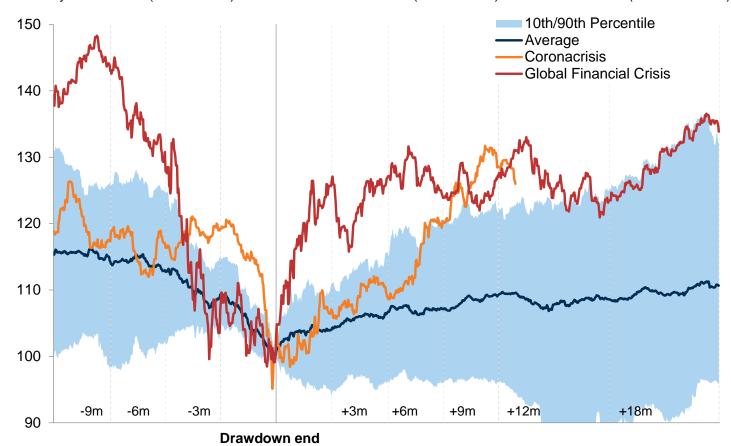




How much recovery has been priced into Cyclicals?

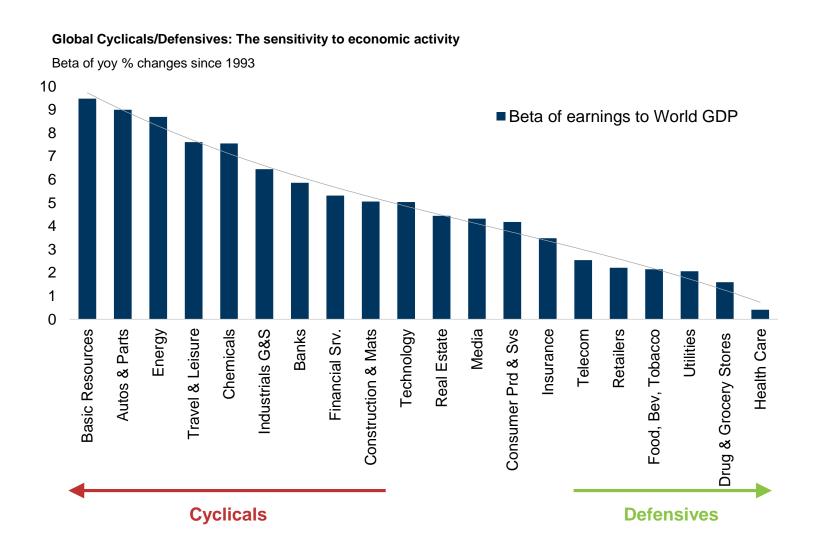
World Cyclicals have outperformed Defensives and have caught up with GFC's recovery

Global Cyclicals basket (GSWDCYCL) vs. Global Defensives basket (GSWDDEFS) around bear markets (data since 1997)





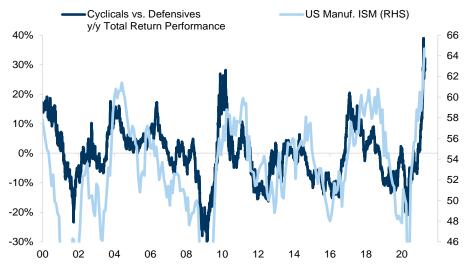
Cyclicals and Value stand to benefit most from economic inflection point in 2021...



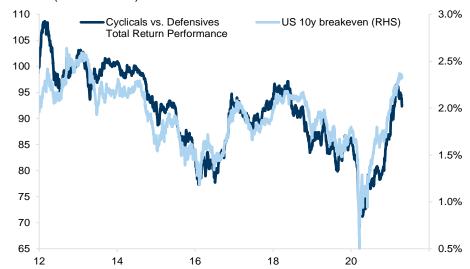


...but the rebound in Cyclicals has already moved in line with the ISM & inflation

World Cyclicals vs. Defensives have kept pace with US ISM Global Cyclicals basket (GSWDCYCL) vs. Global Defensives basket (GSWDDEFS)



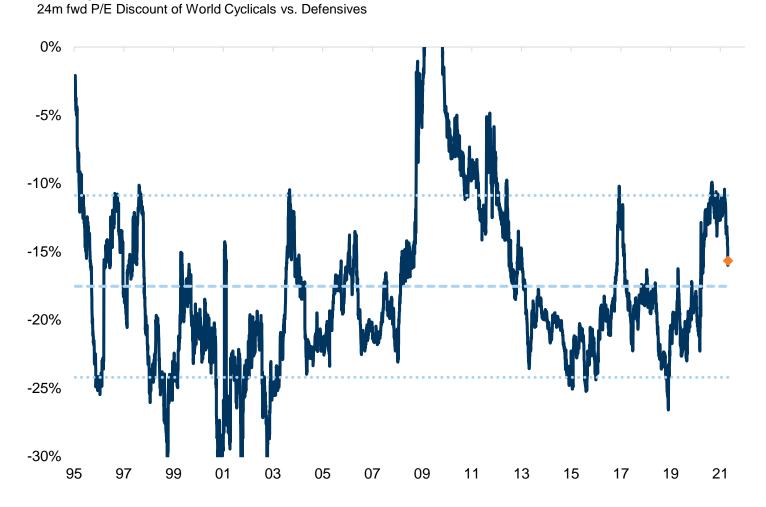
World Cyclicals have moved along with inflation expectations Global Cyclicals basket (GSWDCYCL) vs. Global Defensives basket (GSWDDEFS)





What about valuations?

World Cyclicals trade at a discount vs. Defensives

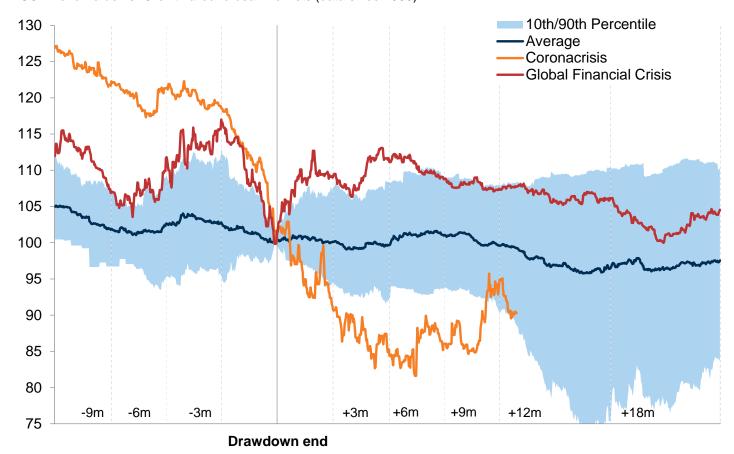




Value has underperformed relative to historical experiences

Value versus Growth has lagged the 'typical' performance around recoveries

MSCI World Value vs. Growth around bear markets (data since 1980)

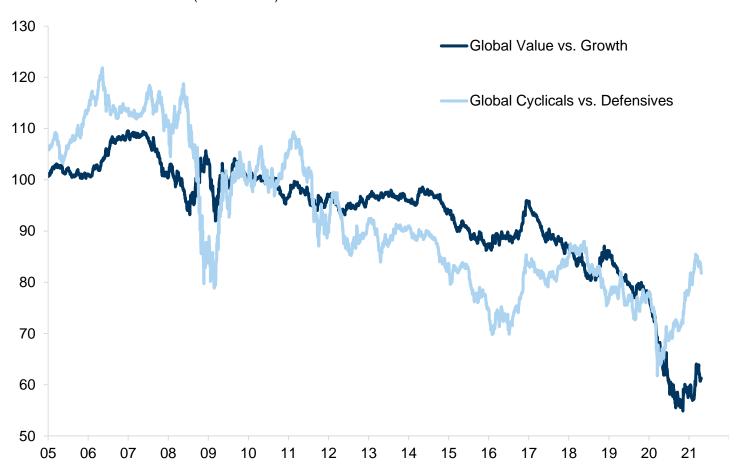




Value versus Growth has also not done as well as Cyclicals versus Defensives...

Value has underperformed Cyclicals

Total return performance indexed in 2010. MSCI AC World Value vs. Growth. Global Cyclicals basket (GSWDCYCL) vs. Global Defensives basket (GSWDDEFS)

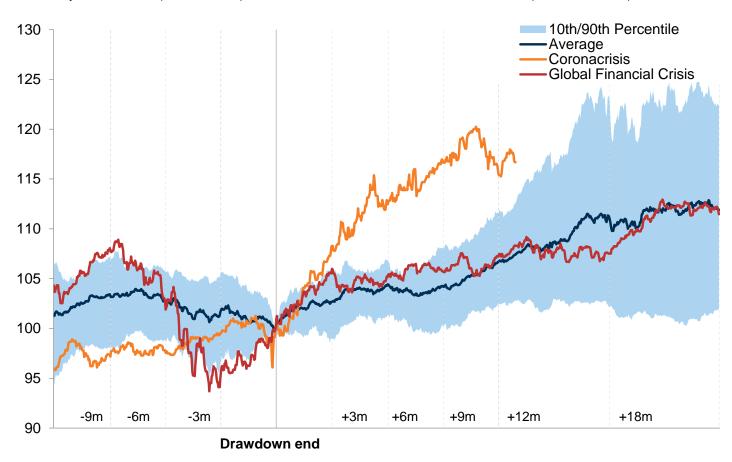




... As Cyclicals have largely outperformed the typical pattern around market troughs

Cyclicals have outperformed the typical pattern around market troughs

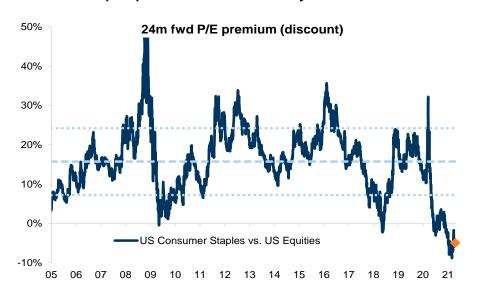
Global Cyclicals basket (GSWDCYCL) vs. MSCI AC World Value around bear markets (data since 1997)



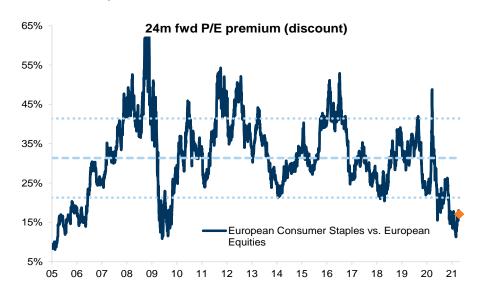


US & Europe Defensives relative valuation is also at historically low levels

Consumer Staples premium is at a historically low level in the US ...



... and in Europe





Defensives' premium has faded materially, still 'value' in Value

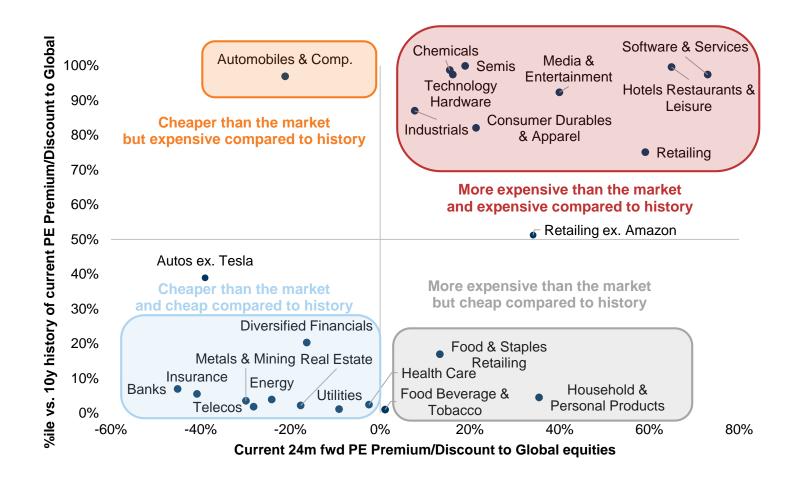
The premium of Defensives has faded materially

	24m fwd PE Premium/Discount to Global equities				
Sector	Current level	%ile vs. 10y history			
Semis	19%	100%			
Hotels Restaurants & Leisure	65%	100%			
Chemicals	16%	99%			
Technology Hardware	16%	97%			
Software & Services	73%	97%			
Automobiles & Comp.	-21%	97%			
Media & Entertainment	40%	92%			
Industrials	8%	87%			
Consumer Durables & Apparel	21%	82%			
Retailing	59%	75%			
Retailing ex. Amazon	34%	51%			
Autos ex. Tesla	-39%	39%			
Diversified Financials	-16%	20%			
Food & Staples Retailing	13%	17%			
Banks	-45%	7%			
Insurance	-41%	6%			
Household & Personal Products	35%	5%			
Energy	-24%	4%			
Metals & Mining	-30%	4%			
Health Care	-2%	2%			
Real Estate	-18%	2%			
Telecos	-28%	2%			
Utilities	-9%	1%			
Food Beverage & Tobacco	1%	1%			



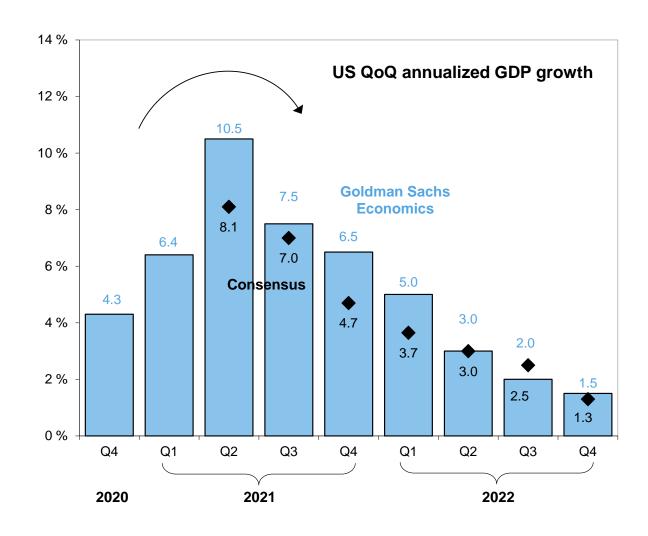
Cheap sectors compared with history look attractive as we move past peak growth

Some sectors look cheap compared with the market and their history



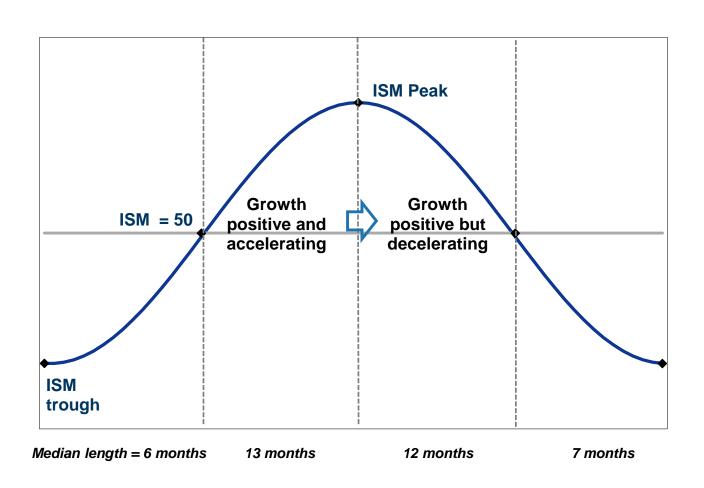


US economic growth is peaking now





Analyzing the US business cycle through the lens of the ISM index



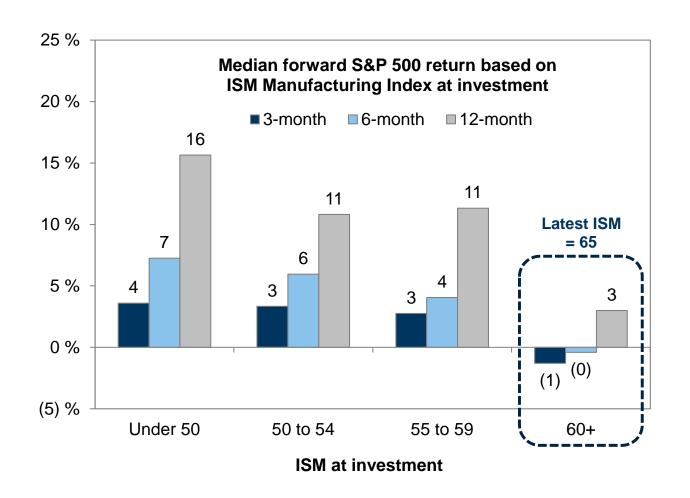


Equities keep rising as economic growth decelerates but at a slower pace

	S&P 500 monthly return		Median realized	Probability of negative
ISM cycle phase	Median	Avg	vol (ann.)	1-mo return
Trough to 50	1.2 %	1.6 %	13.0 %	26 %
50 to peak	1.8	1.2	12.0	31
		\triangle		
Peak to 50	1.0	0.6	12.3	39
50 to trough	(0.1)	(0.4)	14.2	51
Total since 1980	1.1 %	0.7 %	12.9 %	37 %



US equities often struggle just as growth peaks





Growth inflections drive equity rotations

Median monthly sector excess returns during ISM cycle phases since 1990

Sector	50 to Peak		Peak to 50	Difference
Utilities	(0.7)%		0.4 %	1.0 pp
Consumer Staples	(0.5)		0.0	0.5
Consumer Discretionary	(0.0)		0.2	0.2
Health Care	(0.1)		(0.1)	(0.1)
Comm Services	0.2	4	0.1	(0.1)
Financials	0.1		(0.1)	(0.2)
Energy	(0.1)		(0.3)	(0.2)
Industrials	0.2		(0.2)	(0.4)
Materials	(0.0)		(0.7)	(0.7)
Information Technology	0.9		0.0	(0.9)



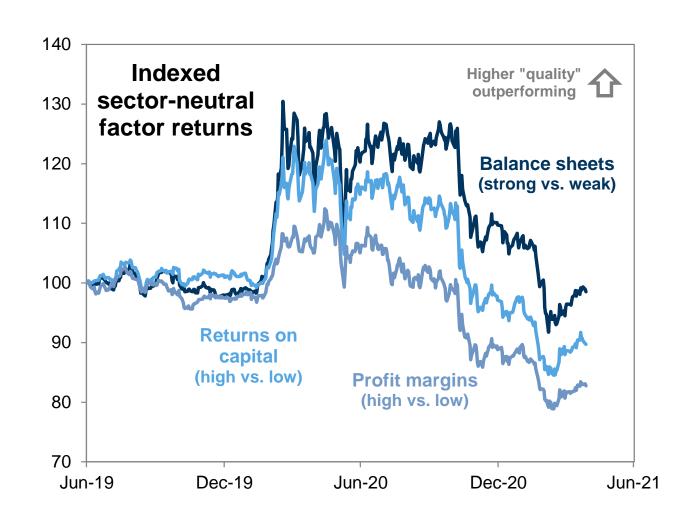
US equity factor rotations as growth slows

Median monthly long/short factor return during ISM cycle phases since 1990

Factor	50 to Peak		Peak to 50	Difference
Balance sheet	(0.6)%		0.3 %	0.9 pp
Volatility (low vs. high)	(0.3)		0.5	8.0
Margins	(0.6)		0.2	8.0
Returns	(0.4)		0.4	8.0
Momentum	0.2	4	0.8	0.5
Growth	(0.3)	,	(0.1)	0.2
Value	0.7		0.4	(0.3)
Dividend yield	0.2		(0.2)	(0.4)
Size (small vs. large)	0.6		(0.0)	(0.6)



Quality factors have followed typical pattern





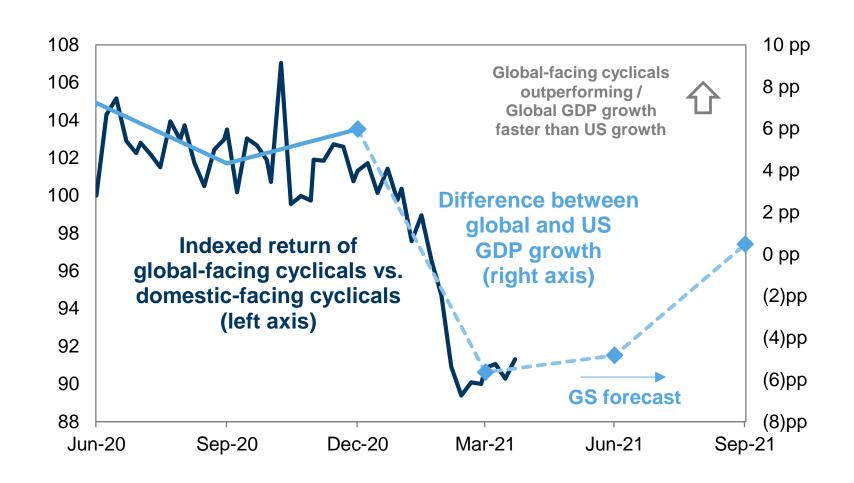
Global economic growth is still accelerating

Goldman Sachs global economic growth forecasts

_	Real 2021 QoQ ann. GDP growth rate			
Country/region	Q1	Q2	Q3	Q4
US	6.4	10.5	7.5	6.5
UK	(6.2)	23.8	14.7	4.6
China	(2.5)	8.0	7.0	6.5
India	8.4	(12.2)	14.3	10.9
Euro Area	(1.7)	7.9	12.5	5.1
Canada	7.0	3.0	9.0	6.0
EM ex. China	4.5	(0.6)	7.0	4.1
Japan	(5.4)	4.8	5.4	4.8
Brazil	(1.0)	0.4	2.8	3.0
World	1.9	5.7	8.0	5.3
World ex. US	0.6	4.6	8.1	5.1



Economic growth outlook supports owning global-facing US cyclicals

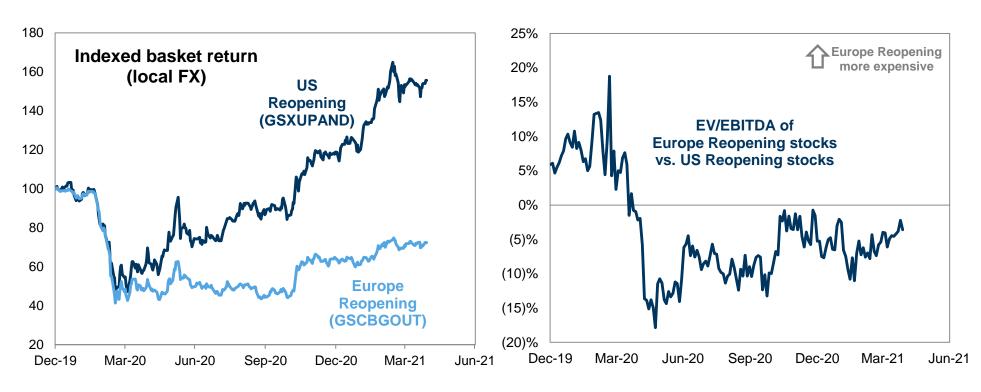




Europe reopening stocks have lagged US peers

Europe Reopening basket has lagged US basket

Relative valuation of Europe and US reopening stocks



April 27, 2021



Reg AC

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