CIO Report

April 2020



Topics

- Staff updates
- ➤ Alternative assets consultant RFP update
- Coronavirus impact
 - **Economic**
 - ➤ Markets and SCERS returns
 - Staff/consultant activity

Economic Impact

- Q2 GDP Growth dramatically affected
- Unprecedented job losses
- Major investment banks forecast meaningful recovery in Q3 and Q4, but negative overall growth for 2020
 - ➤ Many industry experts believe these forecasts to be too optimistic

			Bank of	Morgan						
		Goldman	America	Stanley	JPMorgan	Barclays	DB	Avg	Min	Max
н	Q1	(6.0)	0.5	(2.4)	(4.0)	1.5	0.6	(1.6)	(6.0)	1.5
	Q2	(24.0)	(12.0)	(30.1)	(14.0)	(7.0)	(12.9)	(16.7)	(30.1)	(7.0)
	Q3	12.0	3.0	29.2	8.0	0.0	4.4	9.4	0.0	29.2
	Q4	10.0	4.0	3.3	4.0	1.0	5.2	4.6	1.0	10.0
	2020	(3.1)	(0.8)	(2.3)	(1.8)	(0.6)	(0.8)	(1.6)	(3.1)	(0.6)

Source: Goldman Sachs, Bank of America, Morgan Stanley, JPMorgan, Barclays, Deutsche Bank, Bloomberg and DoubleLine

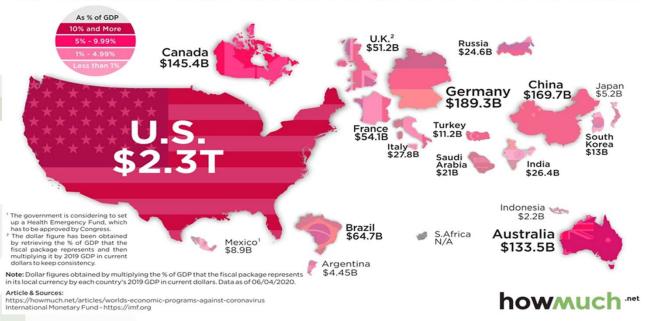
The table summarizes the most up to date forecasts published by each firm's US economists.



Stimulus

- Unprecedented global stimulus responses fiscal and monetary
- > \$2.3 trillion U.S. Cares Act stimulus package

World's Economic Programs Against the Coronavirus Total Fiscal Stimulus Packages Implemented to Fight the COVID-19 in G20 Countries



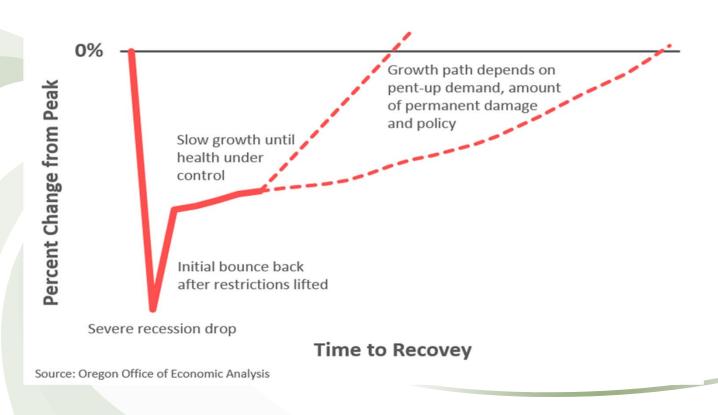
- Substantial Federal Reserve monetary policy liquidity programs
 - Includes additional quantitative easing measures
 - > Additional programs ramping up



Economic Recovery

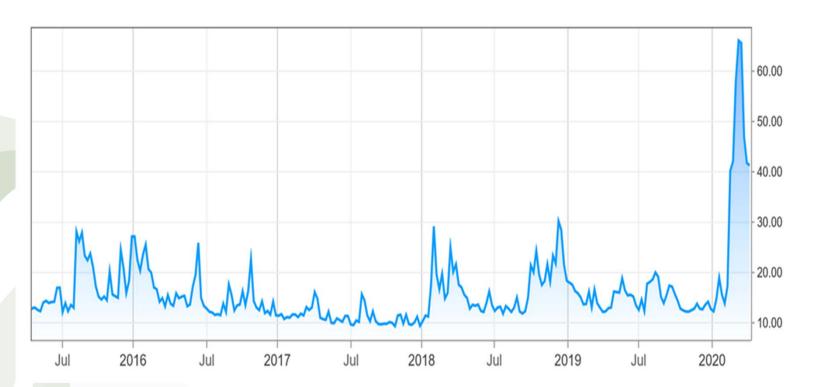
- > Path to recovery likely tied to control of disease
 - > Testing, treatments, vaccine

COVID-19: The Square Root Recovery?



Market Volatility - VIX

> Extreme average daily movements

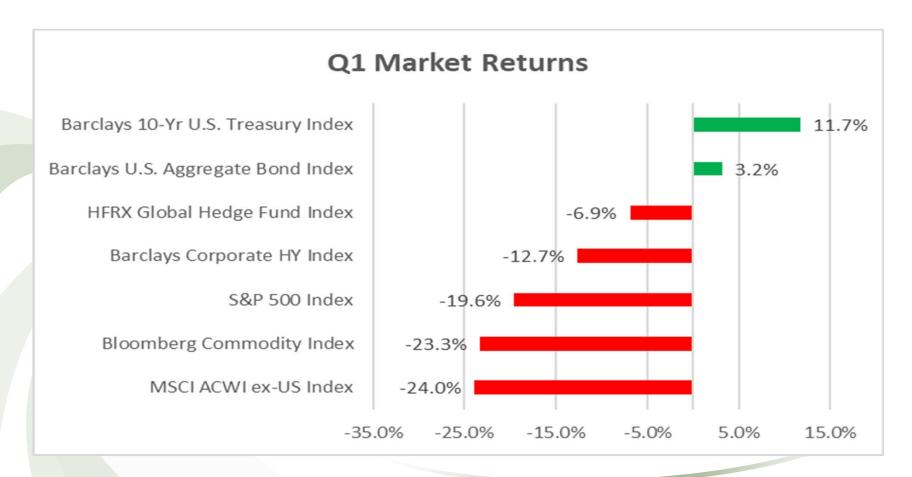


Source: CNBC



First Quarter Market Returns

- Equity, credit, and energy suffered
- Anchor to safety assets shined



SCERS Q1 Estimates

- > Q1 2020 Estimate: -10.5%
- Fiscal Year to Date Estimate: -4.5%
- Includes public equities, fixed income, core real estate, and absolute return
- Private markets are lagged, so held flat
 - > Expect private markets to be impacted in subsequent quarters

Staff Activities/Priorities

- Quarter-end overlay rebalancing
 - > Purchased \$44 million in growth proxy (mostly equities)
 - > Sold \$44 million in diversifying proxy (government bonds)
 - ➤ Adds to March 17th intra-quarter rebalance
- Liquidity
 - Influx of private market capital calls
 - Upcoming redemption proceeds within Absolute Return and Core Real Estate portfolios
 - > Dedicated cash allocation puts SCERS in a good liquidity position



Staff Activities/Priorities

- Evaluating cash flow/pacing schedules
 - > Determining investment/commitment priorities
- > Speaking with current investment managers
- Communication with peer pension plans