



# MONTHLY PERFORMANCE REPORT

## August 2020

The Fund returned 0.22% for the month, compared with 0.31% for the Societe Generale CTA Mutual Fund Index, and 1.94% for the Barclay UCITS Global Macro Index. The Fund continues to achieve its objective of being a low volatility fund (6.21% since inception July 2014) with low correlation to equity markets, as a consequence of our risk averse strategies. The fund is positive for calendar 2020, outperforming all of its peer group comparators.

We expect the US federal budget deficit as a % of GDP to increase to record levels through 2020 due to Coronavirus stimulus packages. Imminent re-rating of global debt implies an outlook of more defaults in lower-quality sovereign and corporate bonds.

### GENERAL INFORMATION

**Base Currency:** AUD  
**Entity Type:** Open Ended Unit Trust  
**PMs:** Marcel von Pfyffer (CIO)  
 Neill Colledge  
**Launch date:** Jul-2014

**Benchmark:** 0% (Absolute Return)

**Fees:** 1 and 10

**Domicile:** Australia

**Close of Financial Year:** 30<sup>th</sup> June

**Unit Pricing:** Weekly

**ISIN Code:** AU60PKF00011

**APIR Code:** PKF0001AU

**Fund Administration:** APEX Fund  
 Services (Australia)

**Fund Custodian:** Sargon CT

**Prime Broker:** Interactive Brokers

**Auditors:** Grant Thornton

**Compliance:** King Irving

### INVESTMENT MANAGER

Arminius Investment Management  
 Pty Ltd  
 AFSR 471285 ACN 602780950  
 licensed by:  
 Arminius Capital Advisory Pty Ltd  
 AFSL 461307 ACN 165509928

### DISTRIBUTION DETAILS

Arminius Investment Management  
 115 Wickham St  
 Fortitude Valley  
 QLD 4006  
 AUSTRALIA  
 +61 7 3040 9104  
 info@arminiuscapital.com.au

PERFORMANCE (Inception JUL-2014)	Arminius Capital ALPS Fund	BARCLAY UCITS GLOBAL MACRO INDEX	CREDIT SUISSE GLOBAL MACRO (USD) INDEX	SOCIETE GENERALE CTA MUTUAL FUND INDEX
1 Month	0.22%	1.94%	4.27%	0.31%
3 Months	-0.59%	3.91%	6.57%	-0.30%
Calendar YTD	0.83%	-3.87%	-11.26%	0.31%
1 Year	-2.79%	-2.12%	-11.16%	-7.33%
3 Years	-13.13%	0.38%	-2.69%	1.47%
5 Years	2.31%	-4.05%	-0.87%	-5.81%
<b>Cumulative since Inception JUL 2014</b>	<b>12.41%</b>	<b>-4.65%</b>	<b>-1.23%</b>	<b>3.47%</b>

Arminius Capital ALPS Fund (Inception July-2014) Returns are net of base fees; gross of performance fee.

%	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	CY
<b>2014</b>	-	-	-	-	INCEPTION =>		2.09%	0.04%	-1.43%	2.02%	1.18%	2.35%	6.37%
<b>2015</b>	3.85%	1.56%	-0.07%	-1.47%	0.77%	-0.09%	0.52%	-1.23%	-0.45%	1.23%	0.19%	-2.43%	2.26%
<b>2016</b>	-0.38%	-2.38%	0.54%	2.37%	1.22%	0.41%	-0.10%	0.03%	0.00%	0.20%	3.55%	4.60%	10.33%
<b>2017</b>	-0.13%	2.69%	3.31%	0.10%	1.25%	0.02%	-0.34%	1.28%	-1.45%	1.93%	-1.41%	1.04%	8.47%
<b>2018</b>	3.94%	-2.64%	-3.56%	0.49%	0.24%	-0.57%	-1.77%	0.88%	-1.94%	-3.90%	-3.75%	-2.26%	-14.1%
<b>2019</b>	0.08%	0.12%	0.35%	-0.22%	1.39%	0.20%	0.60%	1.44%	-2.72%	0.27%	0.70%	-1.85%	0.28%
<b>2020</b>	1.38%	1.11%	2.76%	-2.29%	-1.45%	-0.71%	-0.10%	0.22%					0.83%

\* 2014/07 - 2015/02 Strategy run as Mandate, 2015/03+ as Unit Trust Structure. EOM date is typically last Friday of month.

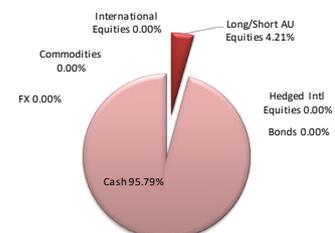
**FUND OBJECTIVES:** The fund provides investors with exposure to all asset classes in the global macro universe. Arminius' aim is to provide smooth positive returns with lower volatility and lower risk than concentrated single market/asset class exposure. Our absolute return investment methodology utilises a combination of fundamental, momentum and quantitative inputs. As an absolute return fund, the objective is to preserve the capital base across every 3 year rolling period.

**INVESTMENT STRATEGY:** Arminius uses econometric modelling based on macro-economic indicators alongside fundamentals pertinent to each individual instrument within each asset class. Momentum is taken into account only once the fundamental value of each instrument has been ascertained. Low volatility and risk management is complemented by frequent re-balancing and equal weighting, according to what each hedging sub-strategy dictates.

### FUND STATISTICS MONTHLY

From July 2014	ALPS Fund	XJO
Sharpe Ratio	0.33	0.20
Sortino Ratio (RFR)	1.70	0.86
Downside Deviation	1.22%	3.40%
Standard Deviation	1.79%	4.27%
Annualized SD	6.21%	14.78%
Mean Monthly Return	0.18%	0.25%
Compound Monthly Return	0.16%	0.16%
Excess Return (RFR)	2.08%	2.94%
Portfolio Correlation to XJO	0.16	-
R <sup>2</sup> Coefficient of Determination	0.00	-

### STRATEGIC ASSET ALLOCATION at Month's commencement



### FUND PERFORMANCE:

The fund is currently holding its highest level of cash allocation (fund inception 2014) that the investment strategy has utilised since September 2016. At that time, the strategy's cash allocation was 96%. We are today holding 95% cash. This acutely high level of strategic asset allocation towards cash holdings is a reflection of the models we use to ascertain "fair value" of instruments and asset classes. It is worth noting that despite such significant cash holdings across a number of months in 2016, the strategy returned in excess of 10% by December of that calendar year.



Although many stockmarkets “aggressively regained ground” in the weeks and months following March, of all the developed markets, it is in fact only the US stock market that has recovered all of its lost territory this year. **European, Japanese and Australian stock markets are still in negative return territory for calendar 2020** year to date. Currently (early September) the year to date performance numbers for European equities are: -12.9%, Japan -1.8%, Australia -11.3%. **Volatility**, (as measured by the VIX) while having declined from all-time-high levels in March, remains elevated and is still approximately **double its average level** of the preceding **7 years**.

Global share markets enjoyed a strong August. The S&P500 price index led the way with a 7.01% jump and Japan’s Nikkei 225 price index gained 6.59%. After month-end, the news leaked out that much of the upward pressure had come from call option buying by Japanese tech investor Softbank. The returns of our minimal equities SAA to Australia was reflective of the aggressiveness of global equities markets this month. Our positions in DMP, HSN, IEL and SKI returned +9.2%, +41.3%, +50.9% and -1.3% respectively in August. These long positions were hedged by SPI futures exposure which returned -1.72%.

US and global politics dominated investor concerns during August. The rival Democratic and Republican conventions boasted about their respective patriotism, skills in economic management, and tough stances on China. Meanwhile, thousands of Americans continued to catch coronavirus and die. The most important news for investors – regardless of who the next President is – occurred on 28 August, when Federal Reserve Chair Jay Powell announced a major change in monetary policy. Because this change is important for Australian investors, we discuss it in detail in the section “The USA – Higher inflation and lower unemployment” below.

Our models by the end of January were beginning to struggle to locate “value” in most asset classes – instead seeing hallmarks of over-valuation in many markets – we had already started positioning the fund defensively even before the world became increasingly aware of a new virus spreading out of Wuhan, China. Investors are now all too familiar with that outcome, with many markets notably including global equities and bonds witnessing the fastest decline into bear market territory in history (the speed of which eclipsed even the crash of 1929). The Fund, being an absolute return global macro hedge fund, was able to preserve its investors’ capital and generated positive returns through the crash to March 2020, while global equities markets suffered losses in excess of -30% in a matter of weeks.

We are pleased to report that our defensive positioning of the first half of 2020 has enabled us to maintain a positive return in the fund for calendar 2020 as of time of writing, early September 2020. This year has demonstrated the utility of maintaining an allocation in all portfolios towards “alternatives” as there has been nowhere to hide – all asset classes have been affected, even the bastion of real estate. The Fund is out-performing not just the Australian stockmarket (-11.3%) this year, but also its global peer group, with the Credit Suisse Global Macro Fund Index being down -11.26% as per last recorded monthly data.

Further, Australian investors choosing to not hold any international exposure (we have written on the portfolio impacts of a falling USD on our website here: <https://arminiuscapital.com.au/will-the-us-dollar-become-another-casualty-of-covid-19/>) would be viewing an SMSF portfolio of blue chips looking like this at time of writing, early September. Column averages are in blue.

Ticker	Security Name	Last	MTD %Chg	1Mo %Chg	3Mo %Chg	YTD %Chg	12Mo %Chg	PE
<b>HYPOTHETICAL TYPICAL SMSF PORTFOLIO</b>			<b>-1.74%</b>	<b>-5.52%</b>	<b>-8.95%</b>	<b>-18.24%</b>	<b>-19.71%</b>	<b>14.39</b>
WBC-ASX	Westpac Banking Corporation	17.00	-3.08%	-1.85%	-13.71%	-29.84%	-41.62%	12.38
NAB-ASX	National Australia Bank Limited	17.32	-3.40%	-0.80%	-14.09%	-29.68%	-39.19%	14.77
ANZ-ASX	Australia and New Zealand Banking	17.71	-3.12%	-2.53%	-14.69%	-28.10%	-34.96%	11.59
TLS-ASX	Telstra Corporation Limited	2.88	-0.35%	-15.04%	-11.93%	-18.64%	-19.10%	18.81
CBA-ASX	Commonwealth Bank of Australia	66.72	-2.28%	-9.81%	-6.82%	-16.50%	-16.49%	12.24
BHP-ASX	BHP Group Ltd	36.98	-2.45%	-7.18%	-1.39%	-4.98%	1.82%	15.76
RIO-ASX	Rio Tinto Limited	100.45	2.50%	-1.44%	-0.03%	0.05%	11.56%	15.17

Source: FactSet

Eventhough US equities appear to be an outlier to this current “absent value” environment, the movement in US equities indices (S&P500, DOW, NASDAQ) are in reality a reflection of less than 5 mega-cap technology stocks eg. Apple, Google, Amazon, Facebook. Were these stocks “removed” from the S&P500 (a market capitalisation weighted index), then the US equities market too would be in negative territory year to date. Our models indicate that these tech behemoths are, for the most part, at their most overvalued levels in history.



This opinion is not limited to us in the hedge fund world. Although the >50% rise in US equities since March 23 has now pushed US equities markets into the black for 2020 (up +4% at time of writing), to Australian investors who own positions in the US markets, these returns are not quite what they seem, given that the AUD has risen some +21% against USD over the same corresponding time period.

Due to the precariousness of the global economic situation at present, our modelling is indicating virtually no value to be located in any asset class. The risk premium afforded to global equities at the moment is distorted materially by the risk free rate i.e. 80% of all global sovereign debt (bonds) on issue are “returning” negative yields. In other asset classes, foreign exchange has presented with some of the highest levels of volatility since the GFC; so too have commodities, with the energy basket presenting movements in excess of 100% in calendar 2020 alone. Oil was \$60bbl in January, only to fall to a historical “negative” futures price in April (therefore technically losing in excess of -100% of its price as set by the futures contract); natural gas is up some +68% from its year low at the end of June. The energy basket of 2020 has been one for the history books. Again, in the presence of such heightened volatility, our models will generate signals that will defer to neutral (cash) holdings as a consequence. The fund’s investment strategy is dynamic (as opposed to passive or “buy and hold”) so as new information comes to light, our models will incorporate this into our signals. However, given that equities markets have appreciated materially since March, but there appears no end in sight to government fiscal policy increasing budget deficits world-wide that is needed to plug holes in the devastated private sector, we expect further dislocation as 2020 draws to a close.

## MARKET OUTLOOK

We have updated the chart we used last month to measure the speed of economic recovery – the shopping centre “footfall” (number of shoppers) in representative countries. We like the footfall chart because it is an accurate, high-frequency indicator of the ordinary consumer’s willingness to spend. For example, the US unemployment rate fell from 10.2% in July to 8.4% in August, but falling unemployment figures only show that a person is back in work again – it is not representative of an individual’s desire to keep a pile of precautionary savings in case they are “let go” in the near future.

What is clear is that, while Europe is recovering slowly, the US has stalled. Unless Congress puts new stimulus spending in place very soon, the stall will continue and the US recovery will slow down.



The economic outlook in Europe is better than the US, but no one could describe it as “good”. Minor resurgences of COVID-19 have damaged consumer confidence, and a CPI inflation figure of -0.2% (negative) meant that the Eurozone slipped back into deflation for the first time in four years.

The resignation (for health reasons) of Japan’s long-serving Prime Minister Abe Shintaro caused a shudder of fear among investors. Their concerns quickly dissipated when the ruling party decided that the next PM would be Abe’s collaborator for the last eight years, a sprightly 71-year-old named Suga Yoshihide. Suga is expected to continue Abe’s business-friendly policies.



As the chart below shows, the US share market remains historically expensive. The price/earnings ratio for 2021 collapsed in March when the lockdowns began, but it is now back to levels not seen since the dotcom boom. In a year where we have not seen US unemployment at these levels since the Great Depression, the NASDAQ is up +31.2% YTD (January to August). Whilst we appreciate that the utilisation of the services/products provided by the NASDAQ constituents have increased during the Virus' reign, consumers still need to be generating income in order to consume, even in the virtual world. We recall that when the dotcom crash finally occurred, the NASDAQ fell in excess of -70% peak to trough.

S&P 500 price/earnings ratio based on next year's earnings expectations



Source: FactSet

## THE USA – HIGHER INFLATION AND LOWER UNEMPLOYMENT

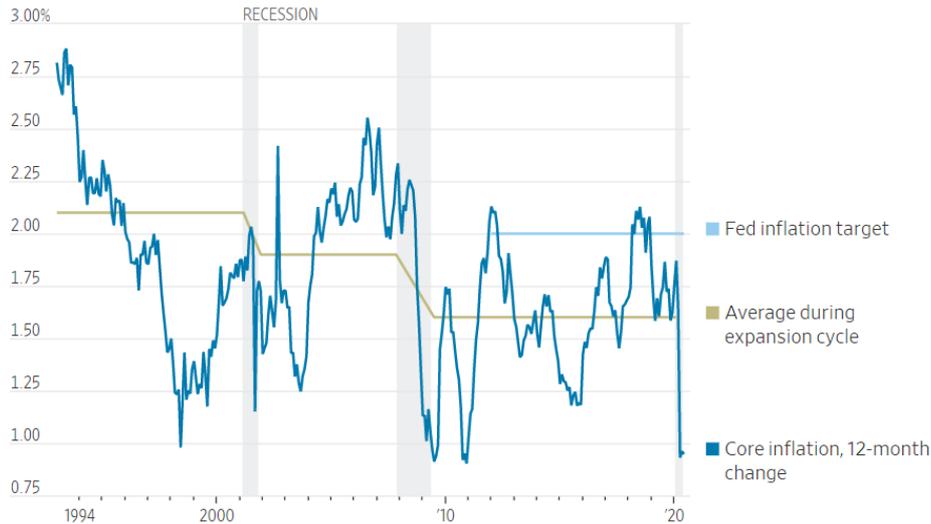
As part of its dual mandate to maintain price stability and maximize employment, the Fed has long had an inflation target of 2% per annum. This target meant that, once inflation reached 2%, the Fed was likely to lift interest rates in order to prevent further rises in inflation. Powell's speech announced that the Fed would switch to a policy of "Flexible Average Inflation Targeting" (FAIT), which meant that inflation would be allowed to rise above 2% per annum for indefinite periods, in order to achieve an average rate of 2% per annum. The central purpose of this policy change is to reduce unemployment from its current painfully high level. Chair Powell also made it clear that interest rates would remain at their present near-zero level for several years (but not negative).

The chart below depicts US core inflation for the last three decades. Since the GFC, US inflation has reached 2% per annum only for two brief periods. Does this mean that FAIT doesn't matter? No, because the Federal Government has just spent unprecedented amounts to subsidize US businesses and consumers, putting cash directly into bank accounts, with the result that the Federal Budget deficit will pass 100% of GDP next year – the highest level since World War II. What Jay Powell's speech means is that, if inflation does hit 2% again, the Fed will try to keep it high, rather than tightening monetary policy in order to reduce inflation.



### Price Puzzle

Inflation during the expansion phase of the business cycle has trended lower, on average



Note: Core inflation excludes food and energy  
Source: Commerce Department

FAIT is an important change in US monetary policy, and investors have already begun to factor it into their forecasts. Because higher inflation in a country usually leads to a depreciation of that country's currency, holders of US dollars have started to re-balance their portfolios away from the USD and into currencies which are more likely to rise, such as the Euro (EUR), the Swiss franc (CHF), the Japanese yen (JPY), and the Australian dollar (AUD).

The yen and the Swiss franc have long been treated as "haven" currencies which rise in times of war, recession, and global turmoil. It is possible that the AUD is about to join this select group, on the strength of Australia's low level of government debt, significant overseas assets (via super funds), and relative success in controlling COVID-19. If so, the AUD could move back toward its July 2011 peak of USD\$1.10. At present we estimate the fair value of the AUD at USD\$0.84, which means it could easily overshoot to USD\$0.90.

We expect that the USD will fall over the next three years. It is, however, possible that near-term political and economic problems in the US could trigger a sharp rise in the AUD. One factor might be a winter resurgence of COVID-19. Another might be the failure of Congress to agree on a renewed stimulus package. A third is the possibility that the outcome of the 03 November Presidential election is contested, as it was in 1824 and 1876, when the selection of the President devolved to the House of Representatives for three months.

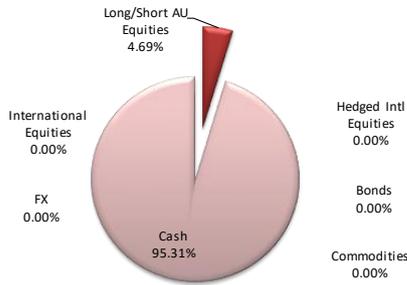
Q.E.D.

*Further accompanying Hedge Fund Manager Commentary will be available in the future on the website under "MEDIA".*

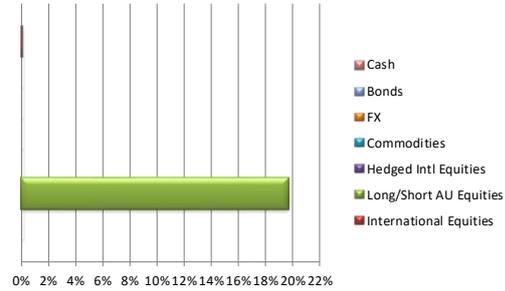


**PERFORMANCE TABLES**

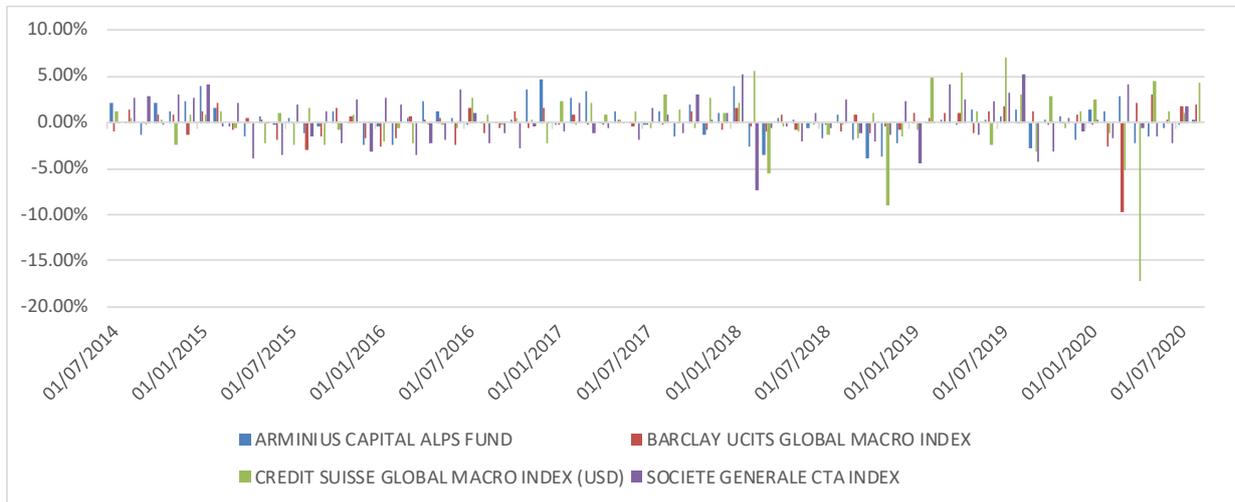
**Exposure at month's end as % of NAV**



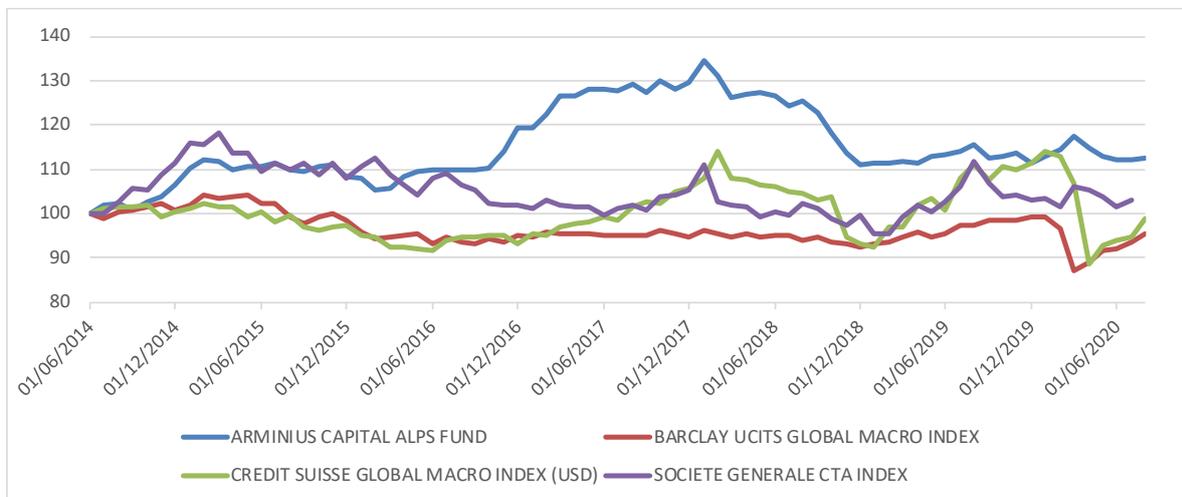
**Monthly Asset Class average returns of individual constituents per SAA held open at month's end (in domestic market currency)**



**Monthly Performance since Inception July 2014**



**Cumulative Performance since Inception (Base 100 = 30 June 2014)**




**GLOBAL FINANCIAL MARKETS – MONTHLY DATA**

<b>EQUITIES</b>	31-Jul-20	31-Aug-20	<b>ROR</b>
<b>EUROPE</b>			
Germany DAX (TR)	12313.4	12945.4	<b>5.13%</b>
Switzerland SMI (PR)	10005.9	10135.6	<b>1.30%</b>
STOXX Europe 600 (EUR)	356.3	366.5	<b>2.86%</b>
FTSE 100	5897.8	5963.6	<b>1.12%</b>
France CAC 40	4783.7	4947.2	<b>3.42%</b>
FTSE MIB	19091.9	19633.7	<b>2.84%</b>
Netherlands AEX	545.3	549.2	<b>0.72%</b>
Belgium BEL 20	3273.4	3332.5	<b>1.81%</b>
OMX Stockholm 30	1707.4	1766.3	<b>3.45%</b>
Norway Oslo All-Share	901.7	937.0	<b>3.91%</b>
Ireland ISEQ	6099.6	6434.4	<b>5.49%</b>
Spain IBEX 35	6877.4	6969.5	<b>1.34%</b>
Cyprus CSE General	46.5	45.3	<b>-2.50%</b>

<b>AMERICAS</b>			
S&P 500	3271.1	3500.3	<b>7.01%</b>
DJ 30 Industrials	26428.3	28430.1	<b>7.57%</b>
DJ 65 Composite Average	8701.8	9286.6	<b>6.72%</b>
NASDAQ Composite	10745.3	11775.5	<b>9.59%</b>
Russell 1000	1816.0	1946.2	<b>7.17%</b>
S&P TSX	16169.2	16514.4	<b>2.14%</b>
Brazil Bovespa	102912.2	99369.2	<b>-3.44%</b>
Mexico IPC	37019.7	36840.7	<b>-0.48%</b>

<b>ASIA</b>			
S&P ASX 200	5927.8	6060.5	<b>2.24%</b>
Nikkei 225	21710.0	23139.8	<b>6.59%</b>
Hang Seng	24595.4	25177.1	<b>2.37%</b>
Korea KOSPI	2249.4	2326.2	<b>3.41%</b>
FTSE Strait Times	2529.8	2532.5	<b>0.11%</b>
Taiwan TAIEX	12664.8	12591.5	<b>-0.58%</b>
New Zealand NZX 50 (TR)	11727.6	11937.6	<b>1.79%</b>
Shanghai SSE Composite	3310.0	3395.7	<b>2.59%</b>
China Shenzhen A Share	2362.2	2402.5	<b>1.71%</b>
India S&P BSE SENSEX	37606.9	38628.3	<b>2.72%</b>
FTSE Bursa Malaysia KLCI	1603.8	1525.2	<b>-4.90%</b>
Indonesia JSX	5149.6	5238.5	<b>1.73%</b>

<b>FOREIGN EXCHANGE</b>	31-Jul-20	31-Aug-20	<b>ROR</b>
-------------------------	-----------	-----------	------------

AUD/USD	0.715	0.739	<b>3.39%</b>
EUR/AUD	0.606	0.619	<b>2.18%</b>
JPY/AUD	75.598	78.160	<b>3.39%</b>
GBP/USD	1.311	1.338	<b>2.07%</b>
CHF/USD	1.096	1.108	<b>1.09%</b>
USD/CAD	0.747	0.768	<b>2.74%</b>
EUR/GBP	0.900	0.892	<b>-0.87%</b>
EUR/USD	1.180	1.194	<b>1.19%</b>
USD/CHF	0.913	0.904	<b>-1.05%</b>
GBP/AUD	1.832	1.812	<b>-1.09%</b>
CBOE Volatility Index (VIX)	24.46	26.41	<b>7.97%</b>

<b>COMMODITIES</b>	31-Jul-20	31-Aug-20	<b>ROR</b>
<b>Energy</b>			
Crude Oil WTI (NYM \$/bbl) Continuous	40.27	42.61	<b>5.81%</b>
Brent Crude (ICE \$/bbl) Continuous	43.52	45.28	<b>4.04%</b>
NY Harbor ULSD (NYM \$/gal) Continuous	1.22	1.22	<b>-0.55%</b>
NY Harb RBOB (NYM \$/gal) Continuous	1.17	1.21	<b>3.64%</b>
Natural Gas (NYM \$/btu) Continuous	1.80	2.63	<b>46.19%</b>
<b>Precious Metals</b>			
Gold (NYM \$/ozt) Continuous	1985.90	1978.60	<b>-0.37%</b>
Silver (NYM \$/ozt) Continuous	24.22	28.59	<b>18.08%</b>
<b>Industrial Metals</b>			
Aluminum (LME Cash \$/t)	1685.50	1762.00	<b>4.54%</b>
High Grade Copper (NYM \$/lbs) Continuous	6446.50	6728.00	<b>4.37%</b>
Nickel (LME Cash \$/t)	13756.00	15414.00	<b>12.05%</b>
Iron Ore 62% CN TSI (NYM \$/mt)	108.90	122.53	<b>12.52%</b>
Zinc (LME Cash \$/t)	2299.00	2529.50	<b>10.03%</b>
<b>Agricultural</b>			
Corn (CBT \$/bu) Continuous	3.16	3.58	<b>13.21%</b>
Soybeans (CBT \$/bu) Continuous	8.93	9.54	<b>6.83%</b>
Wheat (CBT \$/bu) Continuous	5.31	5.52	<b>3.95%</b>
Cotton #2 (NYF \$/lbs) Continuous	0.63	0.65	<b>3.99%</b>
Sugar #11 (NYF \$/lbs) Continuous	0.13	0.13	<b>0.16%</b>

<b>Indices</b>			
GS Commodity (CME) Continuous	338.50	359.35	<b>6.16%</b>
PowerShares DB Commodity Index Tracking Fund	12.94	13.54	<b>4.64%</b>
db x-trackers SICAV - db x-trackers DB COMMODITY BO	12.60	13.18	<b>4.55%</b>

<b>10 YEAR SOVEREIGN YIELDS</b>	31-Jul-20	31-Aug-20	<b>Yield D</b>
US	0.54%	0.70%	<b>0.17%</b>
UK	0.10%	0.31%	<b>0.22%</b>
Europe	-0.53%	-0.40%	<b>0.13%</b>
Australia	0.82%	0.98%	<b>0.17%</b>
Belgium	-0.22%	-0.15%	<b>0.07%</b>
Canada	0.46%	0.62%	<b>0.16%</b>
Denmark	-0.40%	-0.29%	<b>0.11%</b>
France	-0.20%	-0.10%	<b>0.10%</b>
Germany	-0.53%	-0.40%	<b>0.13%</b>
Greece	1.09%	1.09%	<b>0.01%</b>
Ireland	-0.12%	-0.06%	<b>0.07%</b>
Italy	1.02%	1.07%	<b>0.05%</b>
Japan	0.01%	0.04%	<b>0.04%</b>
Netherlands	-0.40%	-0.29%	<b>0.11%</b>
New Zealand	0.75%	0.63%	<b>-0.12%</b>
Norway	0.53%	0.79%	<b>0.26%</b>
Portugal	0.34%	0.41%	<b>0.07%</b>
Spain	0.33%	0.40%	<b>0.07%</b>
Sweden	-0.09%	0.03%	<b>0.12%</b>
Switzerland	-0.55%	-0.43%	<b>-0.12%</b>

ROR = Rate of Return  
Yield D = Yield differential