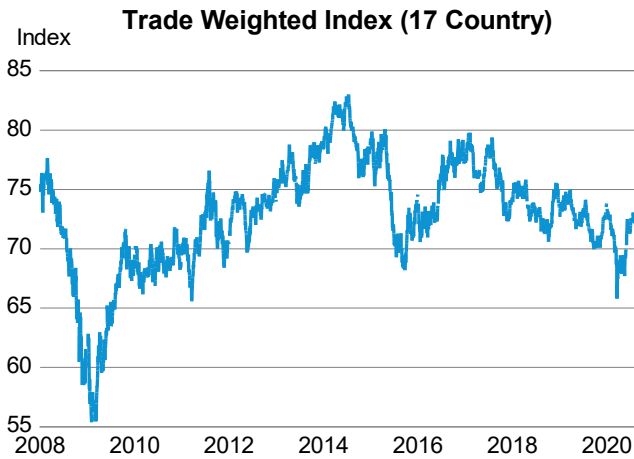


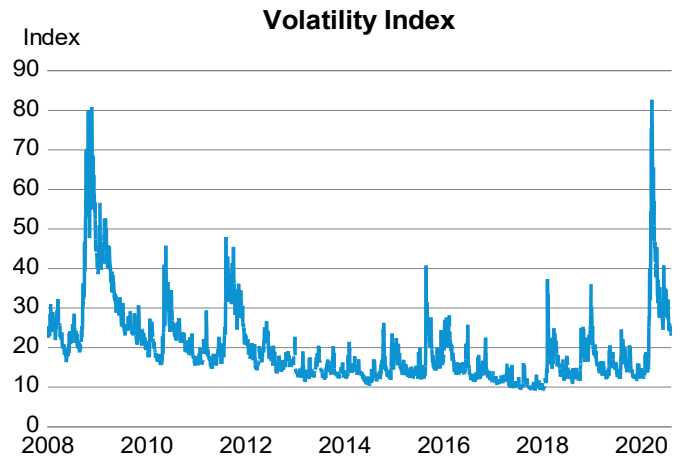
High-Frequency Indicators (Global)

Trade Weighted Index



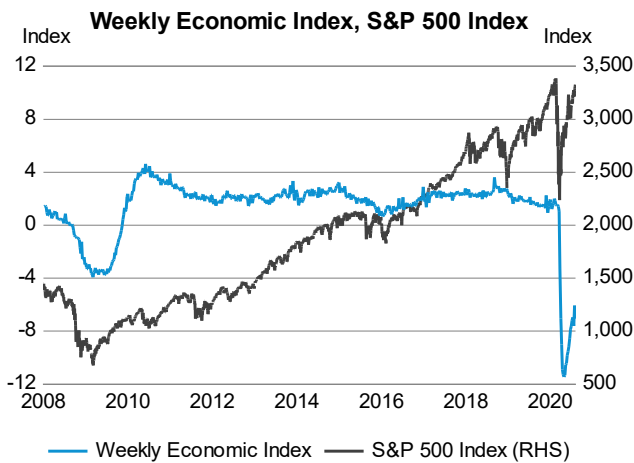
Source: RBNZ

Volatility Index



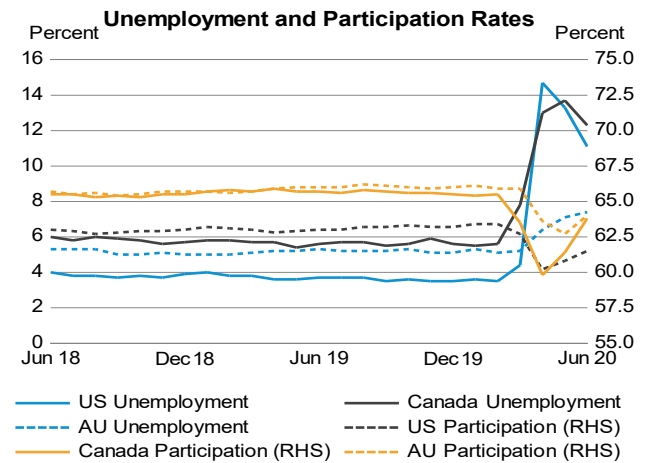
Source: Haver

US Activity and Equities



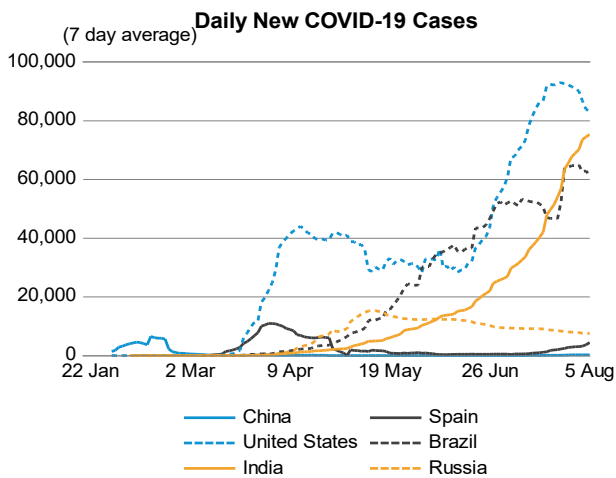
Sources: Federal Reserve Bank of New York, Haver

Labour Markets



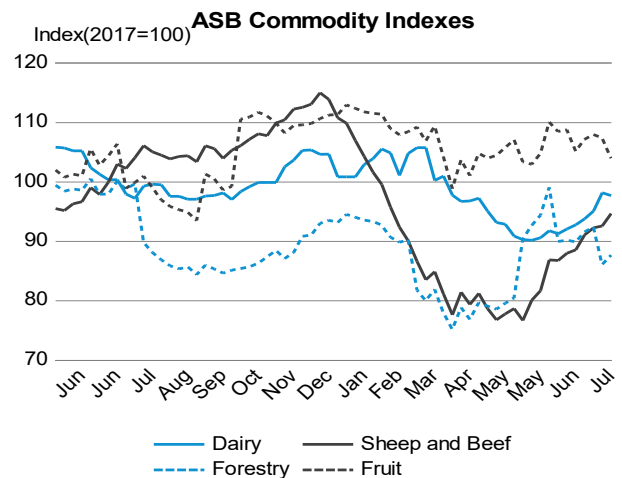
Source: Haver

COVID Cases



Sources: World Health Organisation/Haver

World Commodity Prices



Source: ASB

Quarterly Indicators		2019Q1	2019Q2	2019Q3	2019Q4	2020Q1	2020Q2
Real Production GDP (1)	qpc	0.4	0.1	0.8	0.5	-1.6	...
	aapc	3.1	2.9	2.7	2.3	1.5	...
Current account balance (annual)	%GDP	-3.6	-3.4	-3.3	-3.0	-2.7	...
Merchandise terms of trade	apc	-1.9	-1.0	0.9	7.1	5.3	...
CPI inflation	qpc	0.1	0.6	0.7	0.5	0.8	-0.5
	apc	1.5	1.7	1.5	1.9	2.5	1.5
Employment (HLFS) (1)	qpc	-0.2	0.6	0.4	0.2	1.0	-0.4
Unemployment rate (1)	%	4.1	4.0	4.1	4.1	4.2	4.0
Participation rate (1)	%	70.3	70.3	70.4	70.1	70.5	69.7
LCI salary & wage rates - total (2)	apc	2.0	2.1	2.5	2.6	2.5	2.1
QES average hourly earnings - total (2)	apc	3.4	4.4	4.2	3.6	3.6	3.0
Core retail sales volume	apc	3.9	3.6	5.4	3.3	4.0	...
Total retail sales volume	apc	3.3	2.9	4.5	3.3	2.3	...
WMM - consumer confidence (3)	Index	103.8	103.5	103.1	109.9	104.2	97.2
QSBO - general business situation (1,4)	net%	-27.0	-30.7	-38.0	-28.6	-68.0	-58.8
QSBO - own activity outlook (1,4)	net%	5.3	-2.0	-0.2	4.1	-13.9	-24.8
Monthly Indicators		Feb 20	Mar 20	Apr 20	May 20	Jun 20	Jul 20
Merchandise trade balance (12 month total)	NZ\$m	-3283	-3382	-2403	-1292	-1196	...
Dwelling consents - residential	apc	6.0	-8.3	-16.5	-4.4	20.4	...
House sales - dwellings	apc	13.4	2.7	-77.2	-44.6	7.1	...
REINZ - house price index	apc	8.5	9.1	8.6	8.0	8.7	...
Estimated net migration (12 month total)	people	78441	84897	83106	80709
ANZ NZ commodity price index	apc	6.6	5.8	0.9	-1.4	-1.5	...
ANZ world commodity price index	apc	0.1	-5.8	-9.2	-8.2	-5.2	...
ANZBO - business confidence	net%	-19	-64	-67	-42	-34	-32
ANZBO - activity outlook	net%	12	-27	-55	-39	-26	-9
ANZ-Roy Morgan - consumer confidence	net%	122	106	85	97	105	104
Daily Indicators		Wed 29/7/20	Thu 30/7/20	Fri 31/7/20	Mon 3/8/20	Tue 4/8/20	Wed 5/8/20
NZ exchange and interest rates (5)							
NZD/USD	\$	0.6657	0.6654	0.6701	0.6633	0.6613	0.6636
NZD/AUD	\$	0.9290	0.9273	0.9281	0.9297	0.9287	0.9245
Trade weighted index (TWI)	index	72.6	72.5	72.7	72.3	72.1	72.1
Official cash rate (OCR)	%	0.25	0.25	0.25	0.25	0.25	0.25
90 day bank bill rate	%	0.30	0.30	0.30	0.30	0.30	0.30
10 year govt bond rate	%	0.81	0.82	0.77	0.74	0.74	0.72
Share markets (6)							
Dow Jones	index	26540	26314	26428	26664	26828	27202
S&P 500	index	3258	3246	3271	3295	3307	3328
VIX volatility index	index	24.1	24.8	24.5	24.3	23.8	23.0
AU all ords	index	6128	6177	6058	6054	6166	6136
NZX 50	index	11599	11692	11728	11666	11772	11758
US interest rates							
3 month OIS	%	0.10	0.10	0.10	0.10	0.10	...
3 month Libor	%	0.26	0.25	0.25	0.25	0.25	...
10 year govt bond rate	%	0.58	0.55	0.55	0.56	0.52	0.55
Commodity prices (6)							
WTI oil	US\$/barrel	41.27	39.92	40.10	40.83	41.67	...
Gold	US\$/ounce	1951	1958	1965	1959	1978	...
CRB Futures	index	377	378	378	378	375	...

Data in *Italic font* are provisional.
... Not available.

- (1) Seasonally Adjusted
(2) Ordinary time, all sectors
(3) Westpac McDermott Miller
(4) Quarterly Survey of Business Opinion
(5) Reserve Bank (11am)
(6) Daily close

Country	Indicator		2019Q4	Jan 20	Feb 20	Mar 20	2020Q1	Apr 20	May 20	Jun 20	2020Q2	Jul 20
United States [9.6% share of total goods exports]	GDP (1)	qpc	0.6				-1.3				-9.5	
	Industrial production (1)	mpc		-0.4	0.1	-4.4		-12.7	1.4	5.4		...
	CPI	apc		2.5	2.3	1.5		0.3	0.1	0.6		...
	Unemployment rate (1)	%		3.6	3.5	4.4		14.7	13.3	11.1		...
	Employment change (1)	000s		214.0	251.0	-1373.0		-20787.0	2699.0	4800.0		...
	Retail sales value	apc		4.9	4.5	-5.6		-19.9	-5.6	1.1		...
	House prices (2)	apc		3.1	3.5	3.9		3.9	3.7
	PMI manufacturing (1)	index		50.9	50.1	49.1		41.5	43.1	52.6		54.2
Consumer confidence (1)(3)	index		130.4	132.6	118.8		85.7	85.9	98.3		92.6	
Japan [6.1%]	GDP (1)	qpc	-1.9				-0.6				...	
	Industrial production (1)	mpc		1.9	-0.3	-3.7		-9.8	-8.9	2.7		...
	CPI	apc		0.6	0.5	0.4		0.2	0.0	0.1		...
	Unemployment rate (1)	%		2.4	2.4	2.5		2.6	2.9	2.8		...
	Retail sales value	apc		-0.4	1.6	-4.7		-13.9	-12.5	-1.2		...
	PMI manufacturing (1)	index		48.8	47.8	44.8		41.9	38.4	40.1		45.2
	Consumer confidence (1)(4)	index		39.2	38.2	31.1		21.3	24.1	28.5		29.5
Euro area [5.5%]	GDP (1)	qpc	0.0				-3.6				-12.1	
	Industrial production (1)	mpc		1.7	0.0	-11.8		-18.2	12.4
	CPI	apc		1.4	1.2	0.7		0.3	0.1	0.3		...
	Unemployment rate (1)	%		7.4	7.2	7.2		7.5	7.7	7.8		...
	Retail sales volume	apc		2.3	2.6	-8.2		-19.4	-3.1	1.3		...
	PMI manufacturing (1)	index		47.9	49.2	44.5		33.4	39.4	47.4		51.8
	Consumer confidence (5)	index		-8.1	-6.6	-11.6		-22.0	-18.8	-14.7		-15.0
United Kingdom [2.7%]	GDP (1)	qpc	-0.0				-2.2				...	
	Industrial production (1)	mpc		0.2	0.3	-4.3		-20.3	6.0
	CPI	apc		1.8	1.7	1.5		0.8	0.6	0.6		...
	Unemployment rate (1)	%		3.9	4.0	3.9		3.9	3.9
	Retail sales volume	apc		0.8	0.0	-6.1		-22.8	-13.0	-1.7		...
	House prices (6)	apc		1.9	2.3	3.0		3.7	1.8	-0.1		1.5
	PMI manufacturing (1)	index		50.0	51.7	47.8		32.6	40.7	50.1		53.3
Consumer confidence (1)(5)	index		-6.5	-6.2	-8.2		-22.7	-23.7	-21.0		-16.6	
Australia [15.8%]	GDP (1)	qpc	0.5				-0.3				...	
	CPI	apc	1.8				2.2				-0.3	
	Unemployment rate (1)	%		5.3	5.1	5.2		6.4	7.1	7.4		...
	Retail sales value	apc		2.2	5.7	9.4		-8.9	5.5	8.6		...
	House Prices (7)	apc	2.8				8.1				...	
	PMI manufacturing (1)	index		45.4	44.3	53.7		35.8	41.6	51.5		53.5
Consumer confidence (8)	index		93.4	95.5	91.9		75.6	88.1	93.7		87.9	
China [24.3%]	GDP	apc	6.0				-6.8				3.2	
	Industrial production	apc		-13.5	-13.5	-1.1		3.9	4.4	4.8		...
	CPI	apc		5.4	5.2	4.3		3.3	2.4	2.5		...
	PMI manufacturing (1)	index		50.0	35.7	52.0		50.8	50.6	50.9		51.1
South Korea [3.0%]	GDP (1)	qpc	1.3				-1.3				-3.3	
	Industrial production (1)	mpc		-1.5	-3.7	4.9		-6.6	-7.0	7.2		...
	CPI	apc		1.5	1.1	1.0		0.1	-0.3	-0.0		0.3

- (1) Seasonally adjusted
(2) Case-Shiller Home Price Index 20 city
(3) The Conference Board Consumer Confidence Index
(4) Cabinet Office Japan
(5) European Commission
(6) Nationwide House Price Index
(7) Australian Bureau of Statistics
(8) Melbourne/Westpac Consumer Sentiment Index