NAB ECONOMICS DATA INSIGHTS Impacts of coronavirus on consumption based spending and business payment inflows



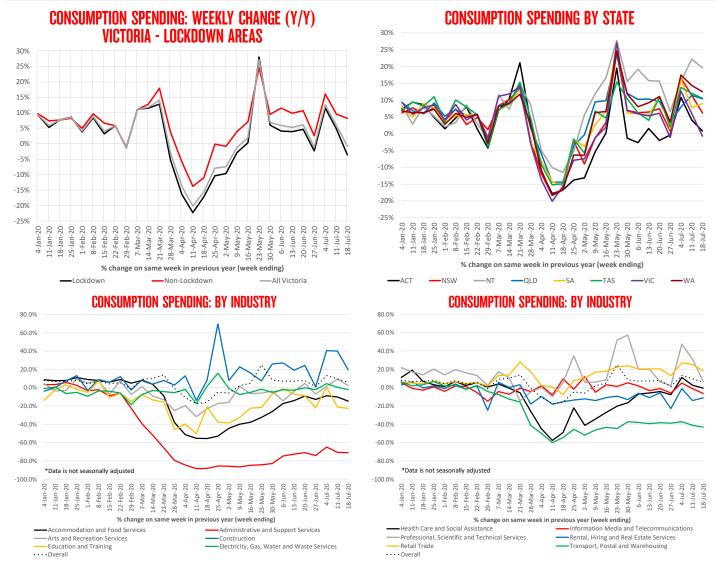
July 2020

NAB Group Economics

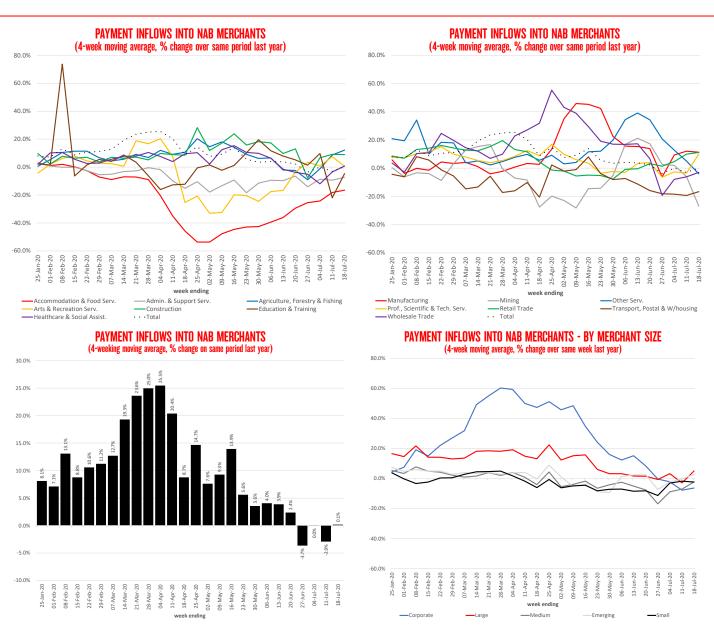
During these extraordinary times, we have taken the decision to publish aggregated customer data categorised by industry segment with the view to helping provide clarity around which segments of the economy have been most affected by the broader macroeconomic trends at play. NAB takes data privacy very seriously. All customer transaction data has been aggregated and no individual's data is specifically identified or analysed as part of this process. The data used in this report will not be sold or made publicly available, but insights from the data will be shared with the Australian people.

NAB's latest Data Insights highlight a slowdown in consumption spending in recent weeks, with overall growth easing to 5.8% y/y for the week ended July 18. Spending slowed in all states and territories (except SA/NT). It is now weakest in VIC (-0.7%) with this result heavily influenced by lockdown in metropolitan Melbourne. NSW is also weakening faster than most. Relative to last year, overall spending growth slowed (or fell further) in all industries, but overall growth continues to be supported mainly by spending on Construction and Retail Trade.

Payment inflows across all industries were flat (0.1%) in the 4-weeks to July 18 (4-week average terms). Inflows are still falling heaviest for corporates. By industry, they were down most in Mining, Transport and Hospitality, and were strongest in Agriculture, Manufacturing, Retail Trade and Professional, Scientific & Technical Services.



Date July 2020 | Author NAB Group Economics



- NAB's latest Data Insights point to a slowdown in consumption spending in recent weeks, with overall growth easing to 5.8% y/y in the week ending July 18 (9.8% in the previous week), but still roughly at levels seen in late-February.
- Consumption spending eased in all states except SA/NT (8.9%). It fell sharply in VIC, which is now the only state showing a negative result (-0.7%). This spending hit was driven by sharp falls in lockdown areas (-3.6%), with non-lockdown areas still growing by more than 8%. Spending growth halved in NSW (6.1%) compared to the previous week, and was strongest in the NT (19.6%) and WA (12.5%).
- Relative to last year, overall spending growth eased (or fell faster) in all industries. But overall growth continues to be underpinned mostly by spending on Construction (albeit slowing to 19.6% from 39.9% in the previous week) and Retail Trade (which also eased to 18.3% from 25.1% in the previous week). Spending on Hospitality (the biggest sector of the economy) fell 14.6% (down 10.1% last week). Spending on Administration & Support Services is still very weak (-70.9%), with sizeable falls also persisting in Transport, Postal & Warehousing (-43.0%) and Education & Training (-22.6%). See Appendix 1 for more detailed industry data.
- Payment inflows (in year-on-year 4-week moving average terms) were basically flat (0.1%) for the 4 weeks ending July 18 compared to the same time last year, but improved from the previous week (-2.9%). By business size, inflows grew in both large (5.0%) and emerging (2.7%) firms. Inflows into corporates however fell for the fourth straight week (-6.4%), with smaller falls of around 2½% in both medium and small firms.
- By industry, payment inflows into Accommodation continue falling steeply (-16.5%), although this was the slowest rate of decline seen since late-March. Inflows into Mining firms however turned down sharply (-26.9%), with inflows into Transport, Postal & Warehousing also still falling heavily (-16.6%). Inflows into Education fell 4.6% after falling 22.0% in the previous week. Payment inflows were strongest into Agriculture (12.2%), Manufacturing (11.4%), Retail Trade (11.2%) and Professional, Scientific & Technical Services (10.0%). See Appendix 2 for more detailed Industry data.

NAB CONSUMPTION-BASED SPENDING BY INDUSTRY SECTOR & SELECTED SUB-INDUSTRIES (year-on-year change on same week in previous year - week ending 18 July 2020)

	% change on same week in previous year**
Accommodation & Food Services	-14.6%
Administrative & Support Services (incl. Travel Agents)	-70.9%
Arts & Recreation Services	2.3%
Construction	19.6%
Education & Training	-22.6%
Electricity, Gas & Water & Waste Services	-2.2%
Healthcare & Social Assistance	-0.7%
Information, Media & Telecommunications	-6.5%
Professional, Scientific & Technical Services	6.5%
Rental, Hiring & Real Estate Services	-11.2%
Retail Trade	18.3%
Transport, Postal & Warehousing	-43.0%
TOTAL	5.8%
Best Performers (Sub-Division)	
- Internet Publishing & Broadcasting	45.2%
 Publishing (except Internet & Music Publishing) 	38.0%
- Gambling Activities	37.7%
- Motor Vehicle & Motor Vehicle Parts Retailing	27.1%
- Other Store-Based Retailing	26.1%
- Construction Services	22.8%
- Building Cleaning, Pest Control & Other Support Services	21.8%
Worst Performers (Sub-Division)	
- Water Transport	-92.7%
- Air & Space Transport	-89.4%
- Motion Picture & Sound Recording Activities	-85.8%
- Rail Transport	-82.7%
- Administrative Services	-73.7%
- Other Transport	-71.7%
- Creative & Performing Arts Activities	-60.7%
- Accommodation	-49.3%

*This data excludes government services, taxes, direct to consumer manufacturers, mortgage and other credit facility repayments. Spending includes both online and offline transactions. Transaction data may include EFTPOS, Credit Card, BPAY, Bank Transfers, Direct Debits and PayPal services where available.

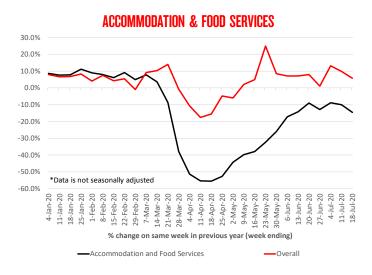
**Data is not seasonally adjusted.

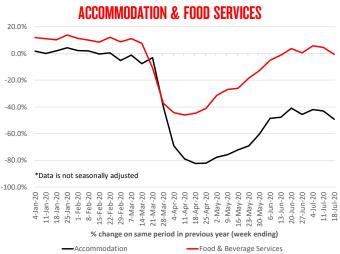
PAYMENT INFLOWS INTO NAB MERCHANTS BY INDUSTRY SECTOR & SELECTED SUB INDUSTRIES (4-week moving avg, year-on-year change on same period in previous year, 4-weeks ending 18 July 2020)

	4-weeks ending 18 July 2020
Accommodation & Food Services	-16.5%
Administration & Support Services	-7.2%
Agriculture, Forestry & Fishing	12.2%
Arts & Recreation Services	0.6%
Construction	9.0%
Education & Training	-4.6%
Healthcare & Social Assistance	0.8%
Manufacturing	11.4%
Mining	-26.9%
Other Services	-4.0%
Professional, Scientific & Technical Services	10.0%
Retail Trade	11.2%
Transport, Postal & Warehousing	-16.6%
Wholesale Trade	-2.9%
TOTAL	0.1%
Business Size	
- Small	-2.4%
- Emerging	2.7%
- Medium	-2.3%
- Large	5.0%
- Corporate	-6.4%
Best Performers (Sub-Division)	
- Pulp, Paper & Converted Paper Product Manufacturing	96.7%
- Non-Metallic Mineral Product Manufacturing	58.3%
- Exploration & Other Mining Support Services	35.7%
- Building Cleaning, Pest Control & Other Support Services	28.9%
- Gambling Activities	27.0%
- Computer System Design & Related Services	25.6%
- Heavy & Civil Engineering Construction	21.1%
Worst Performers (Sub-Division)	
- Air & Space Transport	-64.0%
- Coal Mining	-46.6%
- Heritage Activities	-35.9%
- Metal Ore Mining	-34.7%
- Non-Metallic Mineral Mining & Quarrying	-34.0%
- Aquaculture	-31.3%
- Beverage & Tobacco Product Manufacturing	-31.0%

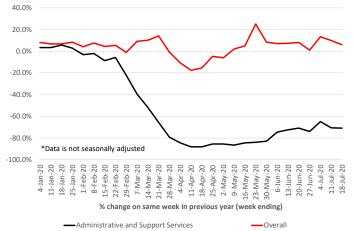
* Payment Inflows are credits to a NAB merchant's account that is not a financing credit from NAB or a transfer from related accounts.

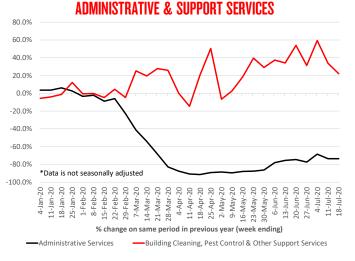
APPENDIX 1: SPENDING CHANGES BY INDUSTRY & INDUSTRY SUB-DIVISION

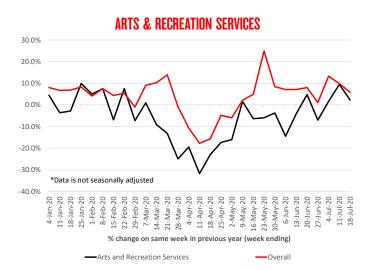




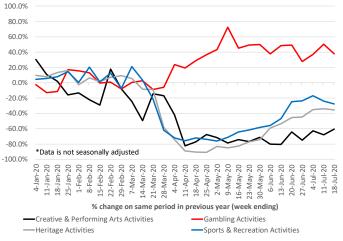
ADMINISTRATIVE & SUPPORT SERVICES

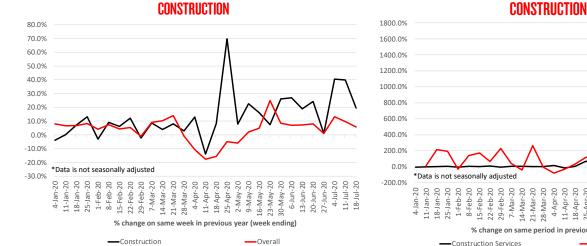


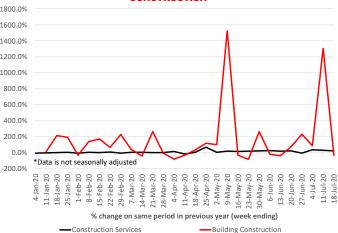






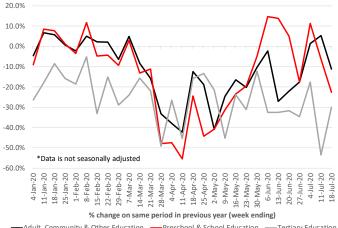




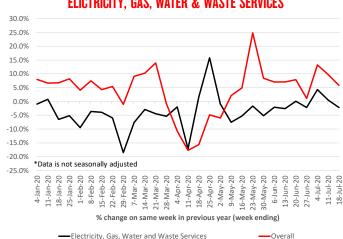


EDUCATION & TRAINING 30.0% 20.0% 10.0% 0.0% -10.0% -20.0% -30.0% -40.0% -50.0% *Data is not seasonally adjusted -60.0% 4-Jan-20 11-Jan-20 13-Jan-20 25-Jan-20 1-Feb-20 8-Feb-20 15-Feb-20 7-Mar-20 21-Mar-20 21-Mar-20 21-Mar-20 21-Mar-20 21-Mar-20 11-Apr-20 11-Apr-20 6-Jun-20 13-Jun-20 9-May-20 -May-20 20-Jun-20 27-Jun-20 4-Jul-20 11-Jul-20 18-Jul-20 25-Apr-20 2-May-20 16-May-20 23-May-20 -02 % change on same week in previous year (week ending) Education and Training Overall

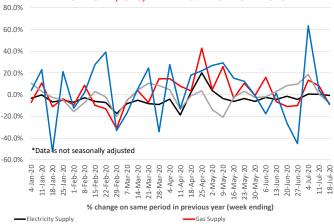








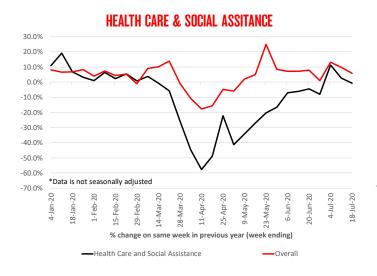




Water Supply, Sewerage & Drainage Services

ELECTRICITY, GAS, WATER & WASTE SERVICES

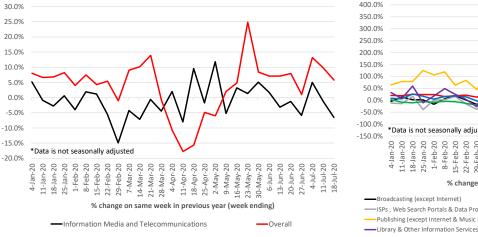
Waste Collection, Treatment & Disposal Services

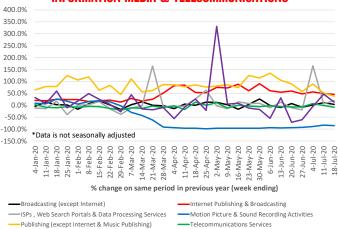


INFORMATION MEDIA & TELECOMMUNICATIONS

HEALTH CARE & SOCIAL ASSISTANCE 200.0% 150.0% 100.0% 50.0% 0.0% -50.0% *Data not seasonally adjusted -100.0% 11-Jan-20 25-Jan-20 25-Jan-20 8-Feb-20 11-Feb-20 22-Feb-20 7-Mar-20 28-Peb-20 7-Mar-20 28-Mar-20 11-Apr-20 28-Mar-20 11-Apr-20 11-Apr-20 28-Mar-20 5-Mar-20 5-Jun-20 6-Jun-20 5-Jun-20 20 2 2 18-Jul-7 11-Jul-4-Jan-% change on same period in previous year (week ending) Residential Care Services -Hospitals -Social Assistance Services -Medical & Other Health Care Services

INFORMATION MEDIA & TELECOMMUNICATIONS





70.0% 60.0% 50.0% 40.0% 30.0% 20.0% 10.0% 0.0% -10.0% -20.0% *Data is not seasonally adjusted -30.0% 15-Feb-20 22-Feb-20 29-Feb-20 7-Mar-20 8-Feb-20 14-Mar-20 21-Mar-20 28-Mar-20 20 18-Apr-20 4-Jul-20 11-Jul-20 20 20 20 20 20 18-Jul-20 4-Apr-20 11-Apr-20 25-Apr-20 2-May-20 9-May-20 16-May-20 23-May-20 30-May-20 6-J un-20 .3-Jun-20 27-Jun-20 0-Jun-20 4-Jan-7 11-Jan-7 18-Jan-25-Jan-2 1-Feb-

% change on same week in previous year (week ending)

Overall

Professional, Scientific and Technical Services



PROFESSIONAL, SCIENTIFIC & TECHNICAL SERVICES

-20.0% *Data is not seasonally adjusted

0.0%

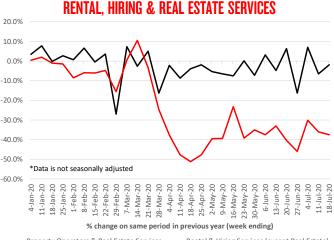


-Computer System Design & Related Services

Professional, Scientific & Technical Services (Except Computer System Design & Related)

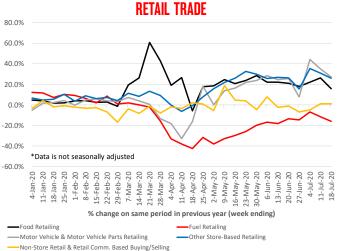
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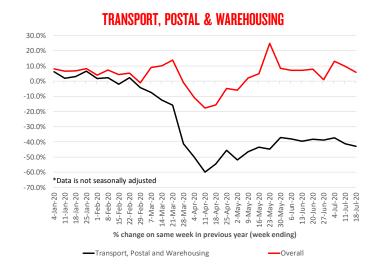




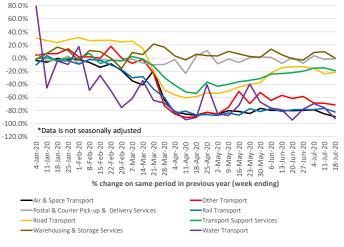
Property Operators & Real Estate Services
 Property Operators & Real Estate Services











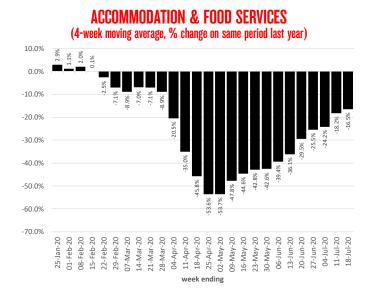
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CONSUMPTION SPENDING BY INDUSTRY SUB-DIVISION - RANKED

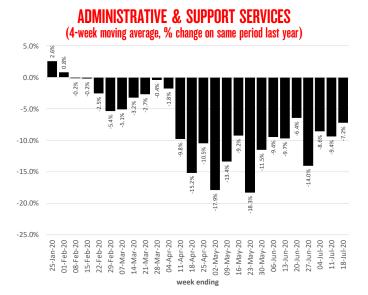
CHANGE IN CONSUMPTION SPENDING ON THE SAME PERIOD IN THE PREVIOUS YEAR BY INDUSTRY SUB-DIVISION - WEEK ENDING 18 JULY 2020

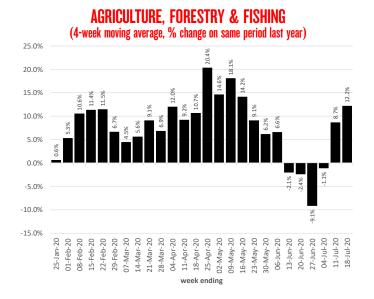
Internet Publishing & Broadcasting								45	.2%
Publishing (except Internet & Music Publishing)								38.0%	
Gambling Activities								37.7%	
Motor Vehicle & Motor Vehicle Parts Retailing								27.1%	
Other Store-Based Retailing							2	6.1%	
Construction Services							22.8	8%	
Building Cleaning, Pest Control & Other Support Services							21.8	%	
Computer System Design & Related Services							19.0%		
ISPs, Web Search Portals & Data Processing Services							18.5%		
Food Retailing							16.0%		
Library & Other Information Services							13.2%		
Prof., Scientific & Tech. Services (ex Computer System Design & Related)							5.4%		
Medical & Other Health Care Services							4.0%		
Broadcasting (except Internet)							3.2%		
Non-Store Retail & Retail Comm. Based Buying/Selling						1.	.3%		
Warehousing & Storage Services					-0	4%			
Food & Beverage Services					-0.	5%			
Electricity Supply					-0.	7%			
Hospitals					-0.	9%			
Postal & Courier Pick-up & Delivery Services					-1.	0%			
Property Operators & Real Estate Services					-1.9	%			
Water Supply, Sewerage & Drainage Services					-7.9%				
Telecommunications Services					-8.0%				
Waste Collection, Treatment & Disposal Services					-8.5%				
Gas Supply					-9.1%				
Adult, Community & Other Education					-11.2%				
Residential Care Services					-14.2%				
Fuel Retailing					-15.8%				
Transport Support Services					-19.2%				
Road Transport				-4	21.8%				
Preschool & School Education				-2	2.6%				
Social Assistance Services				-24	.2%				
Sports & Recreation Activities				-27.7%	6				
Tertiary Education				-30.0%					
Building Construction				-30.6%					
Heritage Activities				-35.4%					
Rental & Hiring Services (except Real Estate)				-37.5%					
Accommodation			-49.3%						
Creative & Performing Arts Activities			-60.7%						
Other Transport		-71.7%							
Administrative Services		73.7%							
Rail Transport	-82.7%								
Motion Picture & Sound Recording Activities	-85.8%								
Air & Space Transport	-89.4%								
Water Transport -	92.7%								
*Data is not seasonally adjusted -1	.00% -8	80%	-60%	-40%	-20%	0%	20%	40%	60%

APPENDIX 2 - PAYMENT INFLOWS INTO NAB MERCHANTS BY INDUSTRY & INDUSTRY SUB-DIVISION

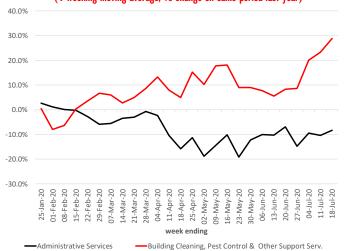


ACCOMMODATION & FOOD SERVICES (4-weeking moving average, % change on same period last year) 10.0% 0.0% -10.0% -20.0% -30.0% 40.0% -50.0% -60.0% -70.0% 14-Mar-20 21-Mar-20 28-Mar-20 04-Apr-20 18-Apr-20 25-Apr-20 02-May-20 09-May-20 22-Feb-20 29-Feb-20 06-Jun-20 11-Jul-20 18-Jul-20 25-Jan-20 01-Feb-20 08-Feb-20 15-Feb-20 07-Mar-20 11-Apr-20 16-May-20 23-May-20 30-May-20 13-Jun-20 20-Jun-20 04-Jul-20 27-Jun-20 ending Accommodatior Food & Beverage Services

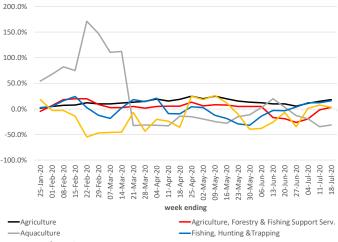




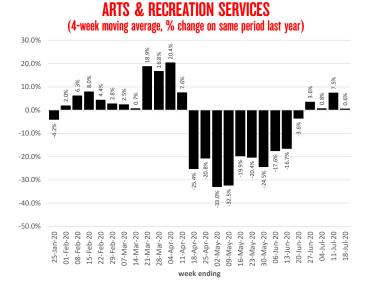
ADMINISTRATIVE & SUPPORT SERVICES (4-weeking moving average, % change on same period last year)



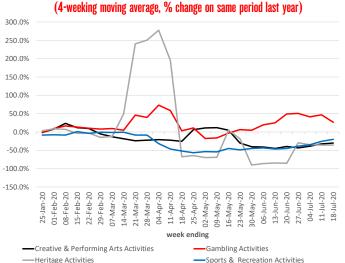
AGRICULTURE, FORESTRY & FISHING (4-weeking moving average, % change on same period last year)



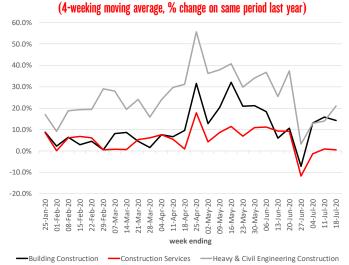
-Forestry & Logging

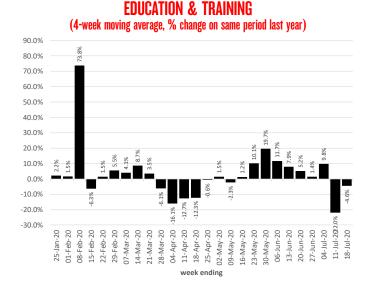


CONSTRUCTION (4-week moving average, % change on same period last year) 35.0% 30.0% 25.0% 20.0% 15.0% 10.0% 5.0 0.09 -5.0% -10.0% -15.0% 27-Jun-20 01-Feb-20 08-Feb-20 14-Mar-20 28-Mar-20 11-Apr-20 18-Apr-20 20-Jun-20 11-Jul-20 18-Jul-20 04-Jul-20 25-Jan-20 15-Feb-20 22-Feb-20 29-Feb-20 07-Mar-20 21-Mar-20 04-Apr-20 25-Apr-20 02-May-20 09-May-20 16-May-20 23-May-20 30-May-20 06-Jun-20 13-Jun-20 week ending

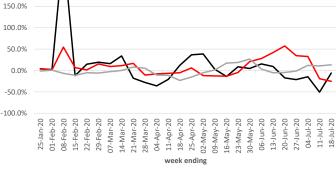


CONSTRUCTION





EDUCATION & TRAINING (4-weeking moving average, % change on same period last year) 250.0% 200.0%

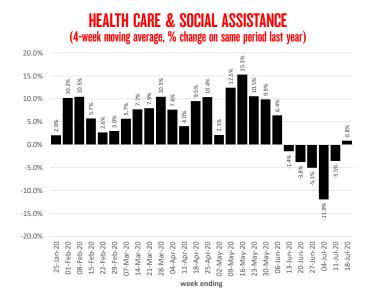


Preschool & School Education

Adult, Community & Other Education

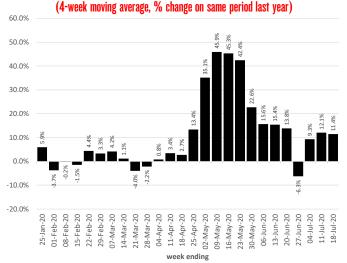
ARTS & RECREATION SERVICES

Tertiary Education



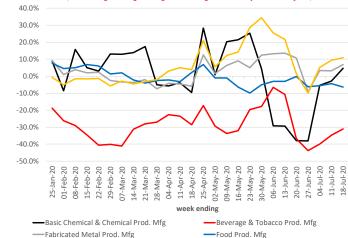
(4-weeking moving average, % change on same period last year) 60.0% 50.0% 40.0% 30.0% 20.0% 10.0% 0.0% -10.0% -20.0% -30.0% 28-Mar-20 04-Apr-20 11-Apr-20 18-Apr-20 25-Apr-20 02-May-20 09-May-20 08-Feb-20 22-Feb-20 29-Feb-20 20 14-Mar-20 21-Mar-20 30-May-20 06-Jun-20 18-Jul-20 01-Feb-20 15-Feb-20 07-Mar-20 16-May-20 23-May-20 13-Jun-20 20-Jun-20 27-Jun-20 04-Jul-20 11-Jul-20 25-Janweek ending Medical & Other Health Care Services Hospitals -Residential Care Services Social Assistance Services

MANUFACTURING (1) (4-weeking moving average, % change on same period last year)

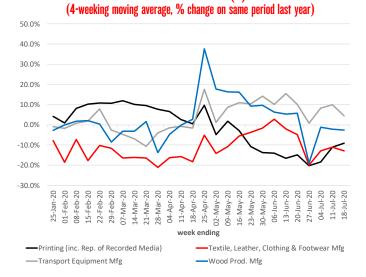


MANUFACTURING

MANUFACTURING (2) (4-weeking moving average, % change on same period last year) 160.0% 140.0% 120.0% 100.0% 80.0% 60.0% 40.0% 20.0% 0.0% -20.0% -40.0% 08-Feb-20 18-Apr-20 01-Feb-20 11-Apr-20 25-Apr-20 09-May-20 L6-May-20 23-May-20 20 15-Feb-20 29-Feb-20 07-Mar-20 .4-Mar-20 21-Mar-20 8-Mar-20 04-Apr-20 02-May-20 30-May-20 06-Jun-20 13-Jun-20 20-Jun-20 11-Jul-20 18-Jul-20 22-Feb-20 27-Jun-20 04-Jul-20 25-Jan-2 week ending -Machinery & Equipment Mfg Non-Metallic Mineral Prod. Mfg -Petroleum & Coal Prod. Mfg Polymer & Rubber Prod. Mfg Primary Metal & Metal Prod. Mfg

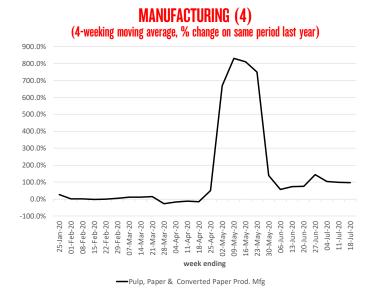


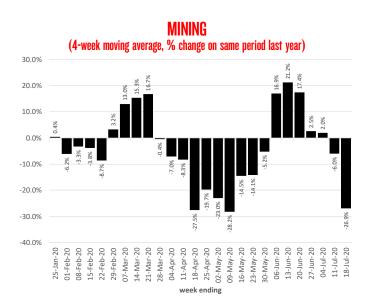


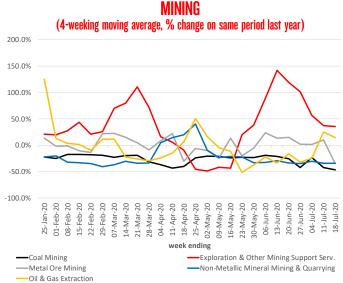


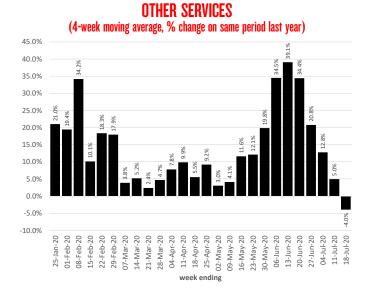
MANUFACTURING (3)

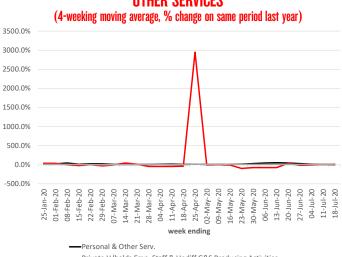
HEALTH CARE & SOCIAL ASSISTANCE







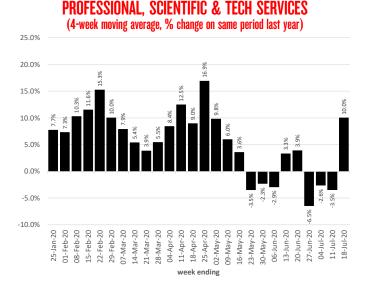


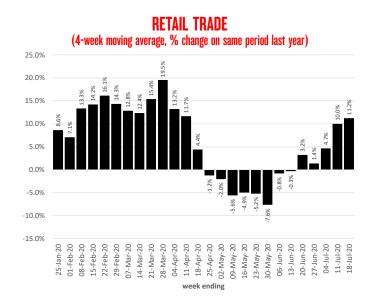


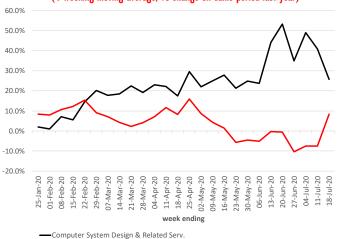
----Private H/holds Emp. Staff & Undiff G&S Producing Activities -----Repair & Maintenance

OTHER SERVICES

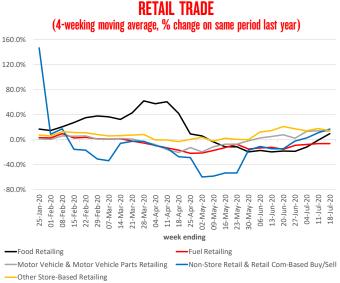
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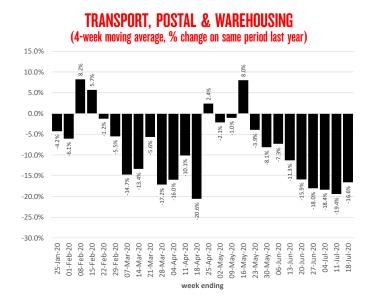




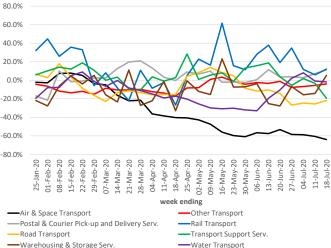


-Professional, Scientific & Tech. Serv. (Ex. Computer System Design & Related)

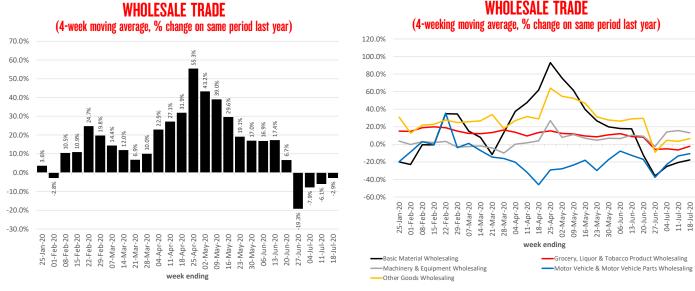








PROFESSIONAL, SCIENTIFIC & TECH SERVICES (4-weeking moving average, % change on same period last year)



WHOLESALE TRADE

PAYMENT INFLOWS BY INDUSTRY SUB-DIVISION - RANKED

CHANGE IN PAYMENT INFLOWS INTO NAB MERCHANTS OVER PREVIOUS YEAR BY INDUSTRY SUB-DIVISION - WEEK ENDING 18 JULY 2020 (4-WEEK MOVING AVG)*

Pulp, Paper and Converted Paper Product Manufacturing Non-Metallic Mineral Product Manufacturing		58.3%	
Exploration and Other Mining Support Services		35.7%	
Building Cleaning, Pest Control and Other Support Services		28.9%	
Gambling Activities		27.0%	
Computer System Design and Related Services		25.6%	
Heavy and Civil Engineering Construction		21.1%	
Agriculture		17.9%	
Non-Store Retailing and Retail Commission-Based Buying and/or Selling		17.0%	
Fishing, Hunting and Trapping		16.1%	
Oil and Gas Extraction		14.4%	
Building Construction		14.2%	
Other Store-Based Retailing		14.1%	
vate Households Employing Staff and Undifferentiated Goods- and Service-Producing Activities		14.0%	
Motor Vehicle and Motor Vehicle Parts Retailing		13.5%	
Tertiary Education		13.3%	
Machinery and Equipment Wholesaling		13.0%	
Rail Transport		11.9%	
Postal and Courier Pick-up and Delivery Services		11.3%	
Furniture and Other Manufacturing		10.9%	
Food Retailing		9.8%	
Professional, Scientific and Technical Services (Except Computer System Design and Related		8.4%	
Repair and Maintenance		7.1%	
Petroleum and Coal Product Manufacturing		7.0%	
Fabricated Metal Product Manufacturing		6.8%	
Other Goods Wholesaling		6.4%	
Warehousing and Storage Services		5.2%	
Medical and Other Health Care Services		5.1%	
Basic Chemical and Chemical Product Manufacturing		4.6%	
Transport Equipment Manufacturing		4.5%	
Machinery and Equipment Manufacturing		4.0%	
Forestry and Logging		2.9%	
Agriculture, Forestry and Fishing Support Services		2.9%	
Polymer Product and Rubber Product Manufacturing		0.9%	
Construction Services		0.5%	
Water Transport	-1.9		
Grocery, Liquor and Tobacco Product Wholesaling Residential Care Services		K 📕	
	-2.2	K 📕	
Primary Metal and Metal Product Manufacturing	-2.5'		
Wood Product Manufacturing Hospitals	-2.0		
Social Assistance Services	-3.37		
Other Transport	-4.0%		
Adult, Community and Other Education	-5.8%		
Personal and Other Services	-5.6%		
Food Product Manufacturing	-6.4%		
Food Froduct Manateting Fuel Retailing	-6.6%		
Administrative Services	-8.3%		
Printing (including the Reproduction of Recorded Media)	-9.1%		
Finding (including the kepioduction of kecolded Media) Food and Beverage Services	-10.2%		
Motor Vehicle and Motor Vehicle Parts Wholesaling	-10.2%		
Textile, Leather, Clothing and Footwear Manufacturing	-12.8%		
Basic Material Wholesaling	-17.8%		
Transport Support Services	-19.5%		
Sports and Recreation Activities	-19.3%		
Road Transport	-21.8%		
Preschool and School Education	-25.6%		
Accommodation	-30.0%		
Creative and Performing Arts Activities	-30.0%		
Beverage and Tobacco Product Manufacturing	-31.0%		
Aquaculture	-31.3%		
Non-Metallic Mineral Mining and Quarrying	-34.0%		
Metal Ore Mining	-34.0%		
Heritage Activities	-35.9%		
Coal Mining	-46.6%		

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