

Buffalo-area manufacturing activity continued to grow in April. The Buffalo-Niagara Manufacturing index (or PMI®) rose to 70.0 in April from a low of 58.0 in March. The PMI® is a weighted average of a set of sub-indices calculated from a survey of local supply executives administered by ISM-Buffero, Inc., and values of 50.0 or greater are generally consistent with increased business activity relative to the prior month.

The Production, New Orders, Vendor Deliveries, and Inventories indexes rose relative to the previous month, and Employment and Commodity Price growth continued to be high.

This month (seasonally adjusted)			
Index Name	Index	Direction	Change in Index From Last Month
PMI	70.0	Increasing	Higher growth rate
Production	83.9	Increasing	Higher growth rate
New Orders	55.2	Increasing	Higher growth rate
Inventories	82.8	Increasing	Higher growth rate
Employment	68.5	Increasing	Lower growth rate
Deliveries	59.8	Slower	More slowdown of deliveries
Prices	80.0	Increasing	Higher growth rate

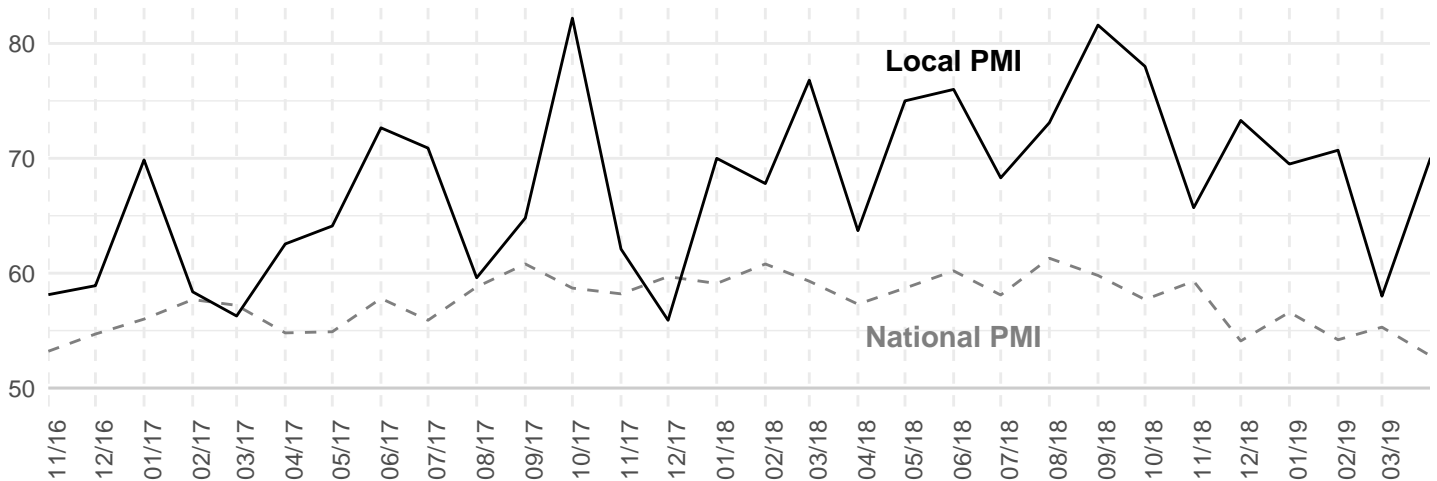


Figure 1: Local and National PMI over the last 2.5 years

**Production Buying Policy**

Days ahead production buying commitments among respondents fell slightly between March and April from 78.0 to 67.0.

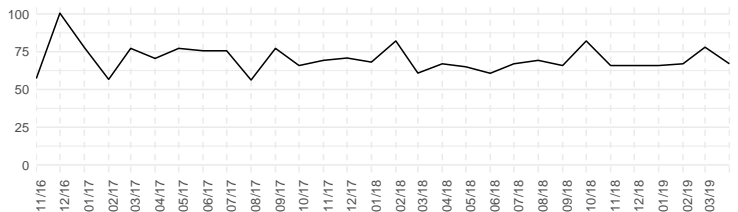


Figure 2: Production Buying Policy

**Maintenance, Repair, and Operating Buying Policy**

Maintenance, Repair, and Operating supplies on hand among respondents fell between March and April from 31.0 to 20.0 days, returning to a level seen throughout 2018.

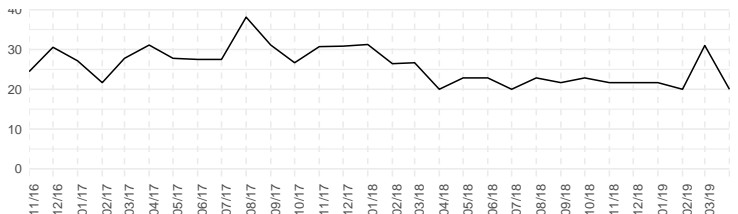


Figure 3: MRO Buying Policy

**Capital Equipment Buying Policy**

Manufacturers reported making capital equipment buying commitments an average of 199.0 days ahead in April.

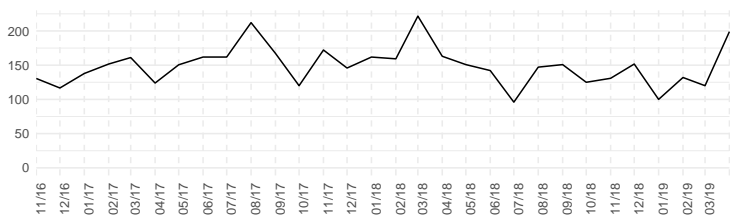


Figure 4: Capital Buying Policy

## Production Level

Month	Higher	Same	Lower	Index
Apr 2019	80.0%	20.0%	0.0%	90.0
Mar 2019	40.0%	40.0%	20.0%	60.0
Feb 2019	60.0%	20.0%	20.0%	70.0

The Production diffusion index rose from 60.0 to 90.0 in April, with 80% of respondents reporting increased production relative to the previous month.

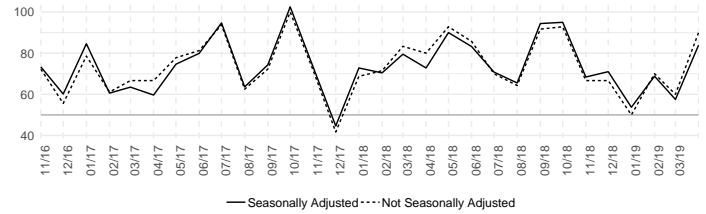


Figure 5: Production Diffusion Index

## New Orders

Month	Higher	Same	Lower	Index
Apr 2019	40.0%	40.0%	20.0%	60.0
Mar 2019	40.0%	20.0%	40.0%	50.0
Feb 2019	60.0%	40.0%	0.0%	80.0

The non-seasonally-adjusted New Orders index rose to 60.0 in April, a small change from March's 50.0.

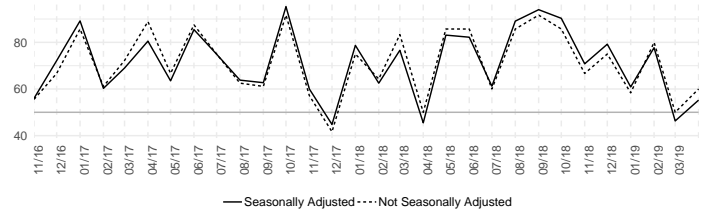


Figure 6: New Orders Diffusion Index

## Inventories of Purchased Goods

Month	Higher	Same	Lower	Index
Apr 2019	80.0%	20.0%	0.0%	90.0
Mar 2019	40.0%	40.0%	20.0%	60.0
Feb 2019	60.0%	40.0%	0.0%	80.0

The Inventories of Purchased Goods index rose to 90.0 in April. As in most of 2018 and 2019, the majority of respondents reported increasing inventories.

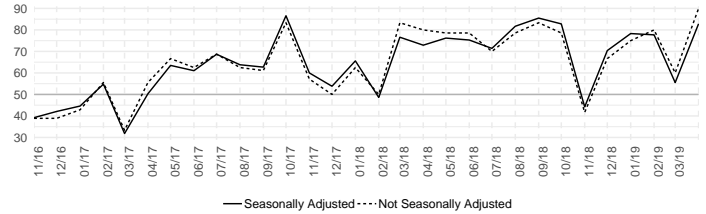


Figure 7: Purchased Inventories Diffusion Index

## Employment Levels

Month	Higher	Same	Lower	Index
Apr 2019	40.0%	60.0%	0.0%	70.0
Mar 2019	60.0%	40.0%	0.0%	80.0
Feb 2019	40.0%	60.0%	0.0%	70.0

The non-seasonally adjusted Employment index fell slightly to 70.0 in April from March's level of 80.0. The last two years have seen consistently-high employment growth both in the Buffalo region and nationally.

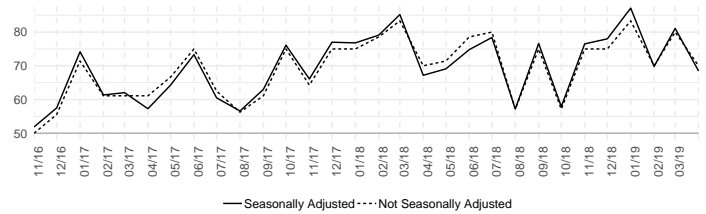


Figure 8: Employment Diffusion Index

## Vendor Deliveries

Month	Slower	Same	Faster	Index
Apr 2019	20.0%	80.0%	0.0%	60.0
Mar 2019	0.0%	100.0%	0.0%	50.0
Feb 2019	20.0%	80.0%	0.0%	60.0

The Vendor Deliveries index rose slightly to 60.0 in April. Most respondents indicated that delivery times were as expected.

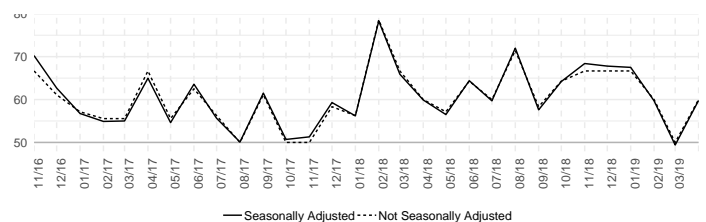


Figure 9: Vendor Deliveries Diffusion Index

## Commodity Prices

Month	Higher	Same	Lower	Index
Apr 2019	60.0%	40.0%	0.0%	80.0
Mar 2019	40.0%	60.0%	0.0%	70.0
Feb 2019	60.0%	40.0%	0.0%	80.0

Commodity Prices grew for most respondents in April, and no respondent reported facing lower commodity prices. Commodity price growth in 2019 has been slightly slower than in 2018 but is still consistently high. This inflation has persisted for three years.

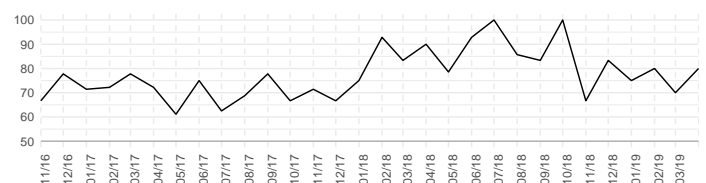


Figure 10: Commodity Prices Diffusion Index