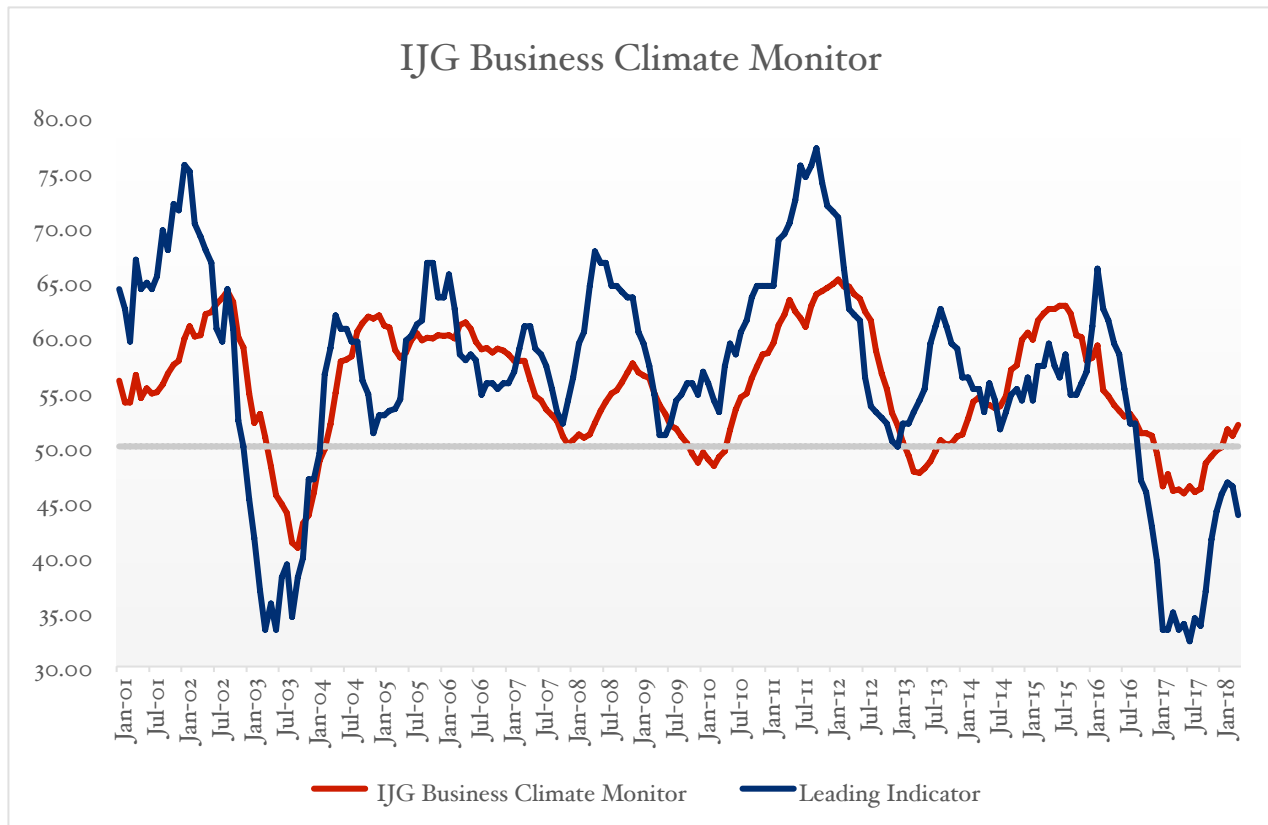




BUSINESS CLIMATE MONITOR **APRIL-18**

Produced by Institute for Public Policy Research



The **IJG Business Climate Monitor** showed improvement in April 2018, climbing to 51.94 points from 50.87 in March. The leading indicator, however, slumped to just 43.75 points from 47.6 in March. The decline in the leading indicator suggests that prospects for a sustained recovery from the recession witnessed in 2017 remain fragile.

Of the 31 indicators monitored, 15 recorded an improvement in April, while the remaining 16 declined. The slump in the leading indicator is the result of a number of factors, such as reduced government spending, a weaker currency and slow private sector credit extension. April was an eventful month for the mining industry. Shortly before the 2018 Mining Expo & Conference, cobalt mining company Celsius Resources was dual-listed on the NSX. First quarter 2018 production results were positive, with diamond production up 16%, gold up 2% and copper up 29% compared to Q1 2017, the highest Q1 production figures in years. The persistently weak uranium market led to Langer Heinrich Uranium announcing its mine would be put under care and maintenance by August this year, with around 600 permanent and contractual jobs at stake. Similarly, Weatherly International, owner of the Tschudi copper mine, faces funding issues over its flooded mine and may have to shut its operations. The global oil price continued to increase, and given persistent Rand weakness, will result in higher local fuel prices in coming months.

Note on methodology

The index encompasses 31 indicators, selected from available high-frequency data. These are split into five broad categories, namely: policy environment, primary sector output, secondary and tertiary output, external account, and pricing. Given the available high-frequency data, these categories provide the best available high frequency insight into developments in the local economy and business cycle.

The raw data are adjusted and transformed for seasonality, inflation and exchange rate as appropriate. In addition, the data are adjusted to factor in whether higher or lower values are desirable (for example higher government spending is positive for the business climate, while higher interest rates are negative).

In order to develop a stationary indicator (i.e. not trending up or down), and to show dispersion from a mean value, the common PMI (Purchasing Managers' Index) approach has been slightly adjusted and utilised. This approach sees transformed indicators that are contracting over a 12-month period given a value of 0, while unchanged indicators are valued at 50 and expanding indicators valued at 100. The average value across the 31 indicators is then taken, with an overall value of over 50 implying expansion in the majority of indicators, while a value below 50 shows contraction in the majority of indicators. In addition to the level, the trend of the BCM line illustrates whether indicators are generally improving or deteriorating. A 12-period moving average is then used to smooth the indicator and ensure that short-term volatility or base effects do not provide a misleading view of the local business climate.

When compared to the historic business cycles, this approach gives a very satisfactory high-frequency view of the state of the local business climate.

Indicators

Indicator	Higher Value Better	Transformation	Leading
Policy Environment			
Prime Rate	No	None	Yes
Monthly Government Spending (N\$)	Yes	Deflated	Yes
Primary Sector Output			
Livestock marketed (#)	Yes	Seasonal Adjustment	No
Copper Production (tons)	Yes	None	No
Gold Production (kg)	Yes	None	No
Diamond Production (000' carats)	Yes	None	No
Uranium Production (short tons)	Yes	None	No
Secondary and Tertiary Output			
Building Plans Completed (N\$)	Yes	Deflated, Seasonal Adjustment	No
Building Plans Approved (N\$)	Yes	Deflated, Seasonal Adjustment	Yes
Tourism Arrivals (#)	Yes	Seasonal Adjustment	No
Passenger Vehicle Sales (#)	Yes	Seasonal Adjustment	No

Commercial Vehicle Sales (#)	Yes	Seasonal Adjustment	No
Credit Extended to Individuals (N\$)	Yes	Deflated, Seasonal Adjustment	No
Credit Extended to Businesses (N\$)	Yes	Deflated, Seasonal Adjustment	Yes
CC Registrations (#)	Yes	Seasonal Adjustment	Yes
Company Registrations (#)	Yes	Seasonal Adjustment	Yes
Defensive Name Registrations (#)	Yes	Seasonal Adjustment	Yes
External Account			
Imports (N\$)	No	Deflated, Seasonal Adjustment	Yes
Exports (N\$)	Yes	Deflated, Seasonal Adjustment	No
EURZAR Exchange rate	Yes	None	Yes
USDZAR Currency Exchange rate	Yes	None	Yes
Prices			
Beef Price (N\$)	Yes	Deflated, Seasonal Adjustment	No
Lamb Price (N\$)	Yes	Deflated, Seasonal Adjustment	No
Copper Spot (N\$)	Yes	Converted to ZAR, Deflated	Yes
Gold Spot(N\$)	Yes	Converted to ZAR, Deflated	Yes
Diamond Rough Price (Index)	Yes	Converted to ZAR, Deflated	Yes
Uranium Spot (N\$)	Yes	Converted to ZAR, Deflated	Yes
Brent Crude Oil (N\$)	No	Converted to ZAR, Deflated	Yes
Petrol (95 Octane) (N\$)	No	Deflated	No
Diesel (500 ppm) (N\$)	No	Deflated	No
NCPI (Index)	No	Seasonal Adjustment	Yes