



January - 2017 (FOR RELEASE: February 2, 2017 - 6 am EST)

**The ISM - Southeast Michigan Purchasing Managers Index (PMI) at 53.3 ↓**

**ISM-SEM Index:** In January the PMI dropped from 61.9 all the way down to 53.3, the lowest reading since February 2016, which was at 52.0. We had a reading of 50.0 in January 2015 and 52.3 in January 2014, so there's definitely a pattern of low numbers in January. If that pattern repeats itself, the reading will increase by February. The 3 month average for the overall index is 57.4, down from December's 62.0

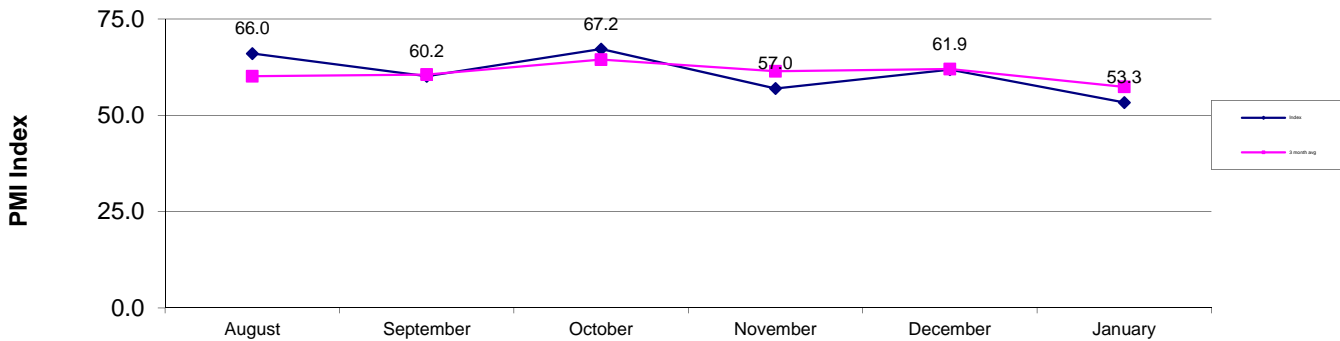
**Employment:** The Employment rose significantly, from 62.5 to 66.7. This index has been above 60 since June of 2016, and has been healthy throughout 2016 and into 2017. The 3 month average is at 63.9. Conditions for employment in Southeast Michigan remain optimistic for the beginning of calendar year 2017.

**Commodity Prices:** The Commodity Price index sunk down to 41.7, the lowest reading since September of 2015, which was at 41.2. This reading is interesting, since gas and oil prices are up, and there have not been widely reported statistics on dropping prices. We'll watch this closely to see if perhaps this is the first index reflecting policies of the new Administration. The 3 month dropped from 49.0 to 47.2.

**Items up or down in price:** *January shows*

**Economic Issues:** *The January survey shows*

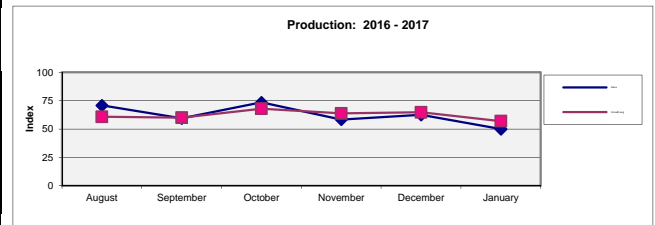
**Southeast Michigan Index: 2016 - 17**



ISM-SEM Index		2016 - 2017					
		August	September	October	November	December	January
Index		66.0	60.2	67.2	57.0	61.9	53.3
Index	3 month average	60.1	60.6	64.5	61.4	62.0	57.4

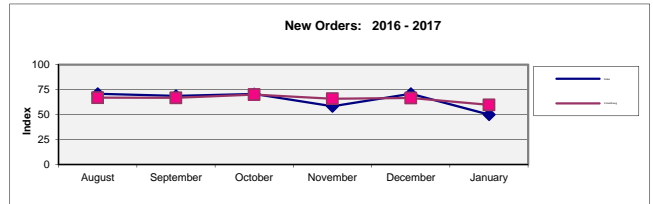
Production		2016 - 2017					
		August	September	October	November	December	January
	Higher	50.0	18.8	52.9	29.2	33.3	25.0
	Same	41.7	81.3	41.2	58.3	58.3	50.0
	Lower	8.3	0.0	5.9	12.5	8.3	25.0
Index		70.8	59.4	73.5	58.3	62.5	50.0
Index	3 month average	60.8	60.1	67.9	63.7	64.8	56.9

Production ...



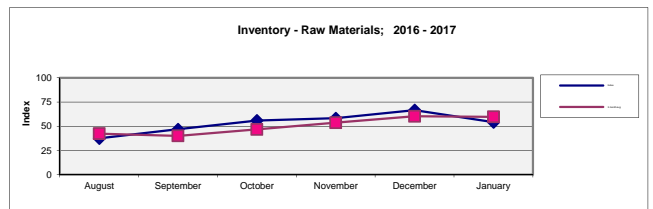
New Orders		2016 - 2017					
		August	September	October	November	December	January
	Higher	50.0	43.8	52.9	37.5	50.0	25.0
	Same	41.7	50.0	35.3	41.7	41.7	50.0
	Lower	8.3	6.3	11.8	20.8	8.3	25.0
Index		70.8	68.8	70.6	58.3	70.8	50.0
Index	3 month average	66.9	66.8	70.1	65.9	66.6	59.7

New orders ...



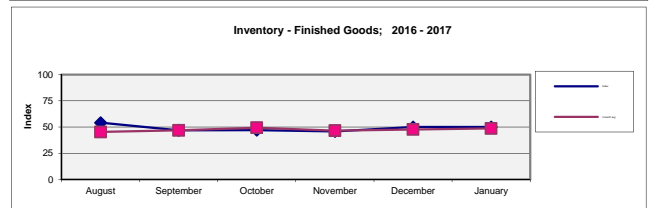
Inventory - Raw Materials		2016 - 2017					
		August	September	October	November	December	January
	Higher	8.3	18.8	23.5	25.0	33.3	25.0
	Same	58.3	56.3	64.7	66.7	66.7	58.3
	Lower	33.3	25.0	11.8	8.3	0.0	16.7
Index		37.5	46.9	55.9	58.3	66.7	54.2
Index	3 month average	42.4	40.0	46.8	53.7	60.3	59.7

Raw materials inventories ...



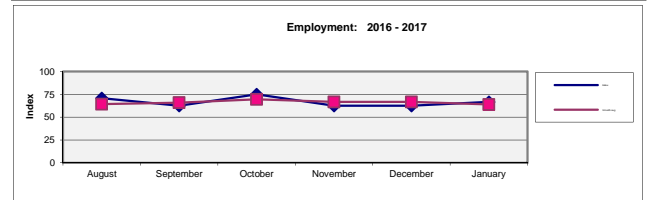
Inventory - Finished Goods		2016 - 2017					
		August	September	October	November	December	January
	Higher	25.0	12.5	11.8	12.5	16.7	25.0
	Same	58.3	68.8	70.6	66.7	66.7	50.0
	Lower	16.7	18.8	17.6	20.8	16.7	25.0
Index		54.2	46.9	47.1	45.8	50.0	50.0
Index	3 month average	45.3	46.8	49.4	46.6	47.6	48.6

Finished goods inventories ...



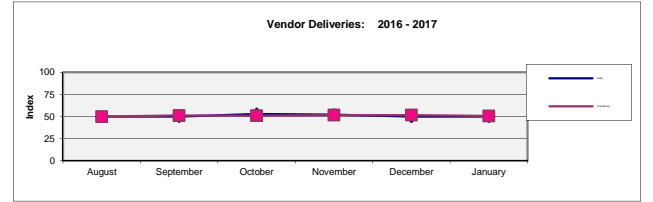
Employment		2016 - 2017					
		August	September	October	November	December	January
	Higher	41.7	31.3	50.0	33.3	33.3	41.7
	Same	58.3	62.5	50.0	58.3	58.3	50.0
	Lower	0.0	6.3	0.0	8.3	8.3	8.3
Index		70.8	62.5	75.0	62.5	62.5	66.7
Index	3 month average	64.3	65.9	69.4	66.7	66.7	63.9

Employment ...



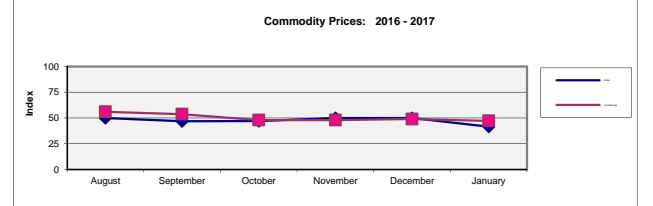
Vendor Deliveries		2016 - 2017					
		August	September	October	November	December	January
	Faster	0.0	0.0	0.0	0.0	0.0	8.3
	Same	100.0	100.0	94.1	95.8	100.0	83.3
	Slower	0.0	0.0	5.9	4.2	0.0	8.3
Index		50.0	50.0	52.9	52.1	50.0	50.0
Index	3 month average	49.9	51.2	51.0	51.7	51.7	50.7

Deliveries ...



Commodity Prices		2016 - 2017					
		August	September	October	November	December	January
	Higher	0.0	0.0	5.9	0.0	0.0	0.0
	Same	100.0	93.8	82.4	100.0	100.0	83.3
	Lower	0.0	6.3	11.8	0.0	0.0	16.7
Index		50.0	46.9	47.1	50.0	50.0	41.7
Index	3 month average	56.0	53.7	48.0	48.0	49.0	47.2

Commodity prices ...



#### Expectations of Business Environment - January 2017

6 months into the future:

Less Stable	8.3	percent
About the same	58.3	percent
More Stable	33.3	percent

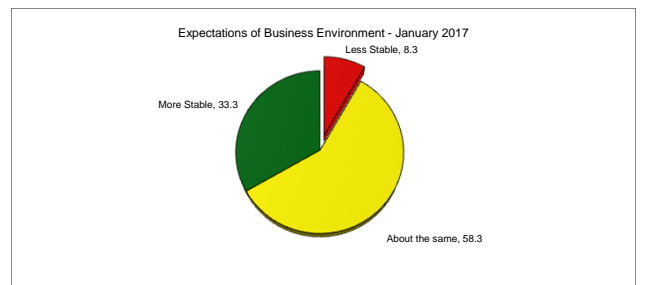
For more information about the Survey or to obtain copies of previous surveys, visit our website at [www.ism-sem.org](http://www.ism-sem.org) and click on "Economic Surveys"

#### NOTICE:

No warranty, expressed or implied, is attached to these figures or their use. While the figures are compiled with professional care, no representations about appropriateness, accuracy, or suitability for specific applications are made.

Survey Results Production by:  
Kenneth Doherty & Steve Welsh of ISM.

Next Release: **March 3, 2017**



#### For more information, contact

ISM - Southeast Michigan  
Email: [businessmanager@ism-sem.org](mailto:businessmanager@ism-sem.org)  
Tel: 313-881-0800

OR  
Wayne State University  
Timothy Butler  
[timothy.butler@wayne.edu](mailto:timothy.butler@wayne.edu)  
Tel: 313-577-9810

OR  
Nitin Paranjpe  
[ai8668@wayne.edu](mailto:ai8668@wayne.edu)  
Tel: 248-292-0208