



November - 2015 (FOR RELEASE: December 1, 2015 - 6 am EST)

The ISM - Southeast Michigan Purchasing Managers Index (PMI) at 57.1 ↓

ISM-SEM Index: In November, the Southeast Michigan Purchasing Managers Index dropped by just over a point, from 58.4 to 57.1. The 3-month average is nearly unchanged at 57.7. With scores between 56.5 and 58.5 for five months in a row, the PMI continues to reflect economic stability as we move into the holiday season.

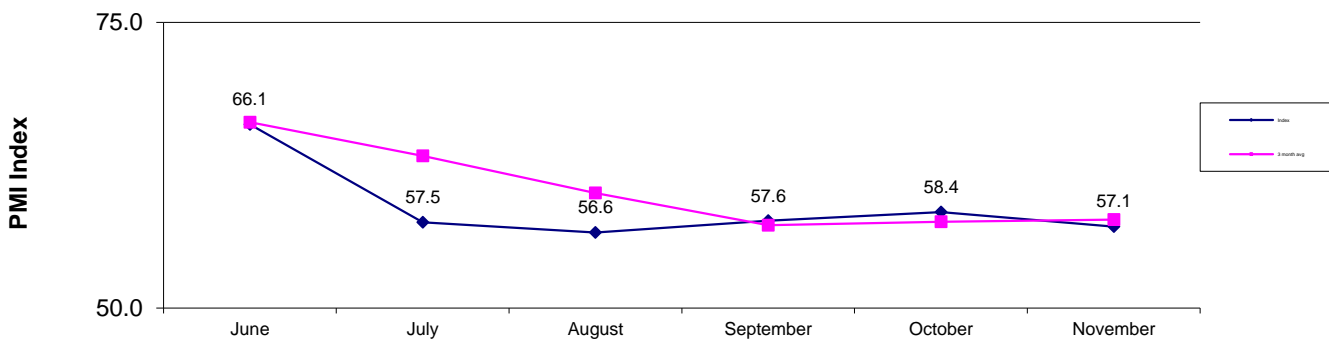
Employment: The Employment Index dropped five points, from 60.0 to 55.0. While employment in the retail sector typically goes up as we approach the holidays, a drop in other sectors represented in the PMI is not unexpected. A score above 50 still represents an overall growth in employment.

Commodity Prices: The Commodity Price index rose a small amount in November, from 43.8 to 45.5. Even so, the low numbers for the last 3 months have resulted in a reduction for the 3 month average, from 45.0 to 43.5.

Items up or down in price: November shows that prices for C5 resins, Storage Petroleum LNG, and Commodity IT Servers were down in price. No commodities were reported showing a price increase.

Economic Issues: The November survey shows the Southeast Michigan Purchasing Managers Index dropping slightly from 58.4 to 57.1, indicating a slight slowdown in the growth rate of the economy in Southeast Michigan. The 3-month was nearly unchanged at 57.7, indicating continued growth in the economy. Index values above 50 generally indicate a growing economy, while those below 50 indicate a contracting economy. Specific indices behind the overall index were New Orders, increasing from 59.4 to 63.6; Production, which moved up from 62.5 to 63.6; and Employment which fell from 60 to 55.0. The declining Employment Index indicates a slowdown in the rate of hiring in the Southeast Michigan economy. However, statewide employment is still growing as can be attested by the drop in the unemployment rate in Michigan to 5.0% in October 2015 from 6.3% in October 2014. Michigan's unemployment rate is now tied with the U.S. average of 5%. Some cautionary signals were put forward by respondents, as to the stability of the economy six months out. Nearly 28% of respondents expected the economy to be less stable over the next six months, a sharp increase from the prior months survey which only indicated 6.7% expecting worsening conditions. Remarks from respondents indicated external influences such as Europe, and military actions; specifically, "Global economy will be impacted by the actions in Europe", "more mergers in the health insurance industry", and "Again, as with 9/11 we sit, wait, and watch how military actions have the potential to change the supply chain."

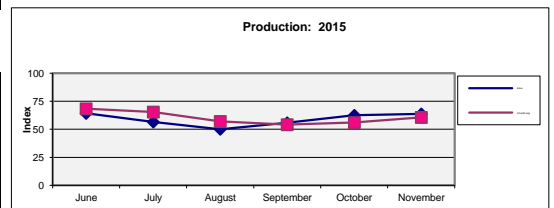
Southeast Michigan Index: 2015



ISM-SEM Index		2015					
		June	July	August	September	October	November
Index		66.1	57.5	56.6	57.6	58.4	57.1
Index	3 month average	66.3	63.3	60.1	57.3	57.6	57.7

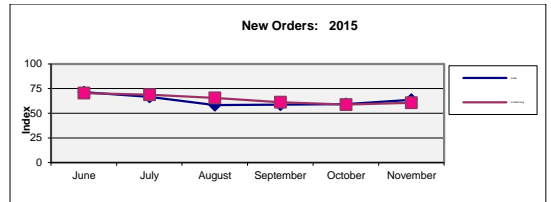
Production		2015					
		June	July	August	September	October	November
	Higher	42.9	33.3	25.0	29.4	37.5	36.4
	Same	42.9	46.7	50.0	52.9	50.0	54.5
	Lower	14.3	20.0	25.0	17.6	12.5	9.1
Index		64.3	56.7	50.0	55.9	62.5	63.6
Index	3 month average	68.4	65.3	57.0	54.2	56.1	60.7

Production edged up slightly to 63.6.



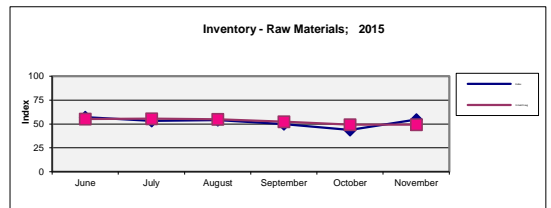
New Orders		2015					
		June	July	August	September	October	November
	Higher	50.0	46.7	33.3	29.4	31.3	36.4
	Same	42.9	40.0	50.0	58.8	56.3	54.5
	Lower	7.1	13.3	16.7	11.8	12.5	9.1
Index		71.4	66.7	58.3	58.8	59.4	63.6
Index	3 month average	70.4	68.9	65.5	61.3	58.8	60.6

New orders moved up to 63.6.



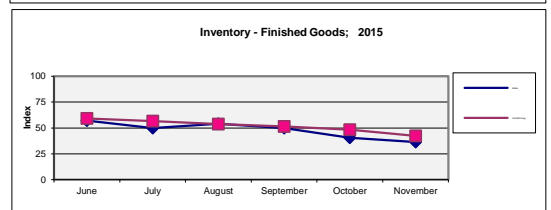
Inventory - Raw Materials		2015					
		June	July	August	September	October	November
	Higher	28.6	20.0	16.7	11.8	18.8	27.3
	Same	57.1	66.7	75.0	76.5	50.0	54.5
	Lower	14.3	13.3	8.3	11.8	31.3	18.2
Index		57.1	53.3	54.2	50.0	43.8	54.5
Index	3 month average	55.3	55.6	54.9	52.5	49.3	49.4

Raw materials inventories moved up to 54.5.



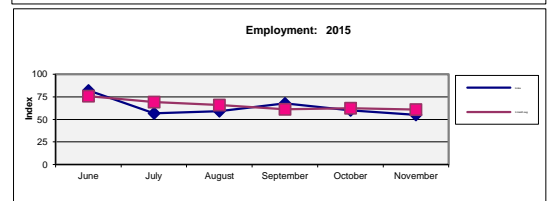
Inventory - Finished Goods		2015					
		June	July	August	September	October	November
	Higher	28.6	13.3	8.3	11.8	0.0	9.1
	Same	57.1	73.3	91.7	76.5	81.3	54.5
	Lower	14.3	13.3	0.0	11.8	18.8	36.4
Index		57.1	50.0	54.2	50.0	40.6	36.4
Index	3 month average	59.2	56.5	53.8	51.4	48.3	42.3

Finished goods inventories dropped to 36.4.



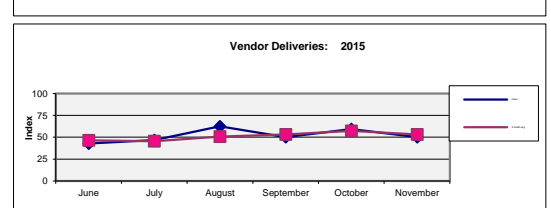
Employment		2015					
		June	July	August	September	October	November
	Higher	64.3	33.3	27.3	47.1	33.3	20.0
	Same	35.7	46.7	63.6	41.2	53.3	70.0
	Lower	0.0	20.0	9.1	11.8	13.3	10.0
Index		82.1	56.7	59.1	67.6	60.0	55.0
Index	3 month average	75.7	69.2	66.0	61.1	62.2	60.9

Employment dropped to 55.



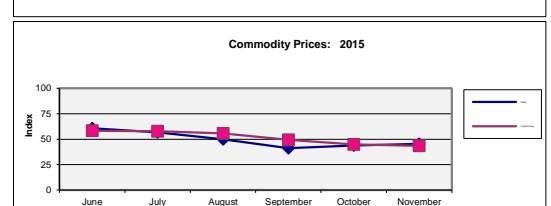
Vendor Deliveries		2015					
		June	July	August	September	October	November
	Faster	21.4	6.7	0.0	0.0	0.0	0.0
	Same	71.4	93.3	75.0	100.0	81.3	100.0
	Slower	7.1	0.0	25.0	0.0	18.8	0.0
Index		42.9	46.7	62.5	50.0	59.4	50.0
Index	3 month average	46.6	45.5	50.7	53.1	57.3	53.1

Deliveries fell to 50.0.



Commodity Prices		2015					
		June	July	August	September	October	November
	Higher	21.4	13.3	25.0	5.9	6.3	9.1
	Same	78.6	86.7	50.0	70.6	75.0	72.7
	Lower	0.0	0.0	25.0	23.5	18.8	18.2
Index		60.7	56.7	50.0	41.2	43.8	45.5
Index	3 month average	58.3	57.9	55.8	49.3	45.0	43.5

Commodity prices rose slightly to 45.5.

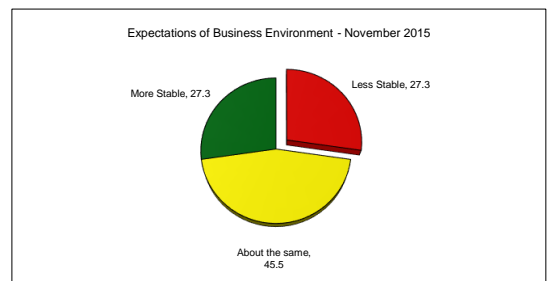


Expectations of Business Environment - November 2015

6 months into the future:

Less Stable	27.3	percent
About the same	45.5	percent
More Stable	27.3	percent

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



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