

Purchasing Managers Index of Puerto Rico Manufacturing

June 2013

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<http://www.estadisticas.gobierno.pr/iepr/Publicaciones/Encuestas/ManufacturaPMI.aspx>

PUERTO RICO MANUFACTURING PMI EDGED DOWN TO 48.1 IN JUNE

On a Non-Seasonally Adjusted (NSA) basis, the Purchasing Managers Index (PMI) for Puerto Rico's manufacturing sector inched down to 48.1 in June, remaining below the threshold for the second consecutive month. A reading below the threshold level of 50 suggests a contraction in the manufacturing sector with respect to the previous month. In June, the New Orders, Production, and Own Inventories PMI sub-indexes decreased, while the Employment and Suppliers Deliveries PMI sub-indexes increased with respect to May. However, only the Supplier Deliveries PMI sub-index remained above the threshold level. The Puerto Rico Manufacturing-Purchasing Managers Index (PRM-PMI) has been above the threshold level in 29 of the 38 months since the survey was first undertaken. The PRM-PMI is currently available only on a Non-Seasonally Adjusted (NSA) basis which means that seasonal fluctuations can affect its performance.

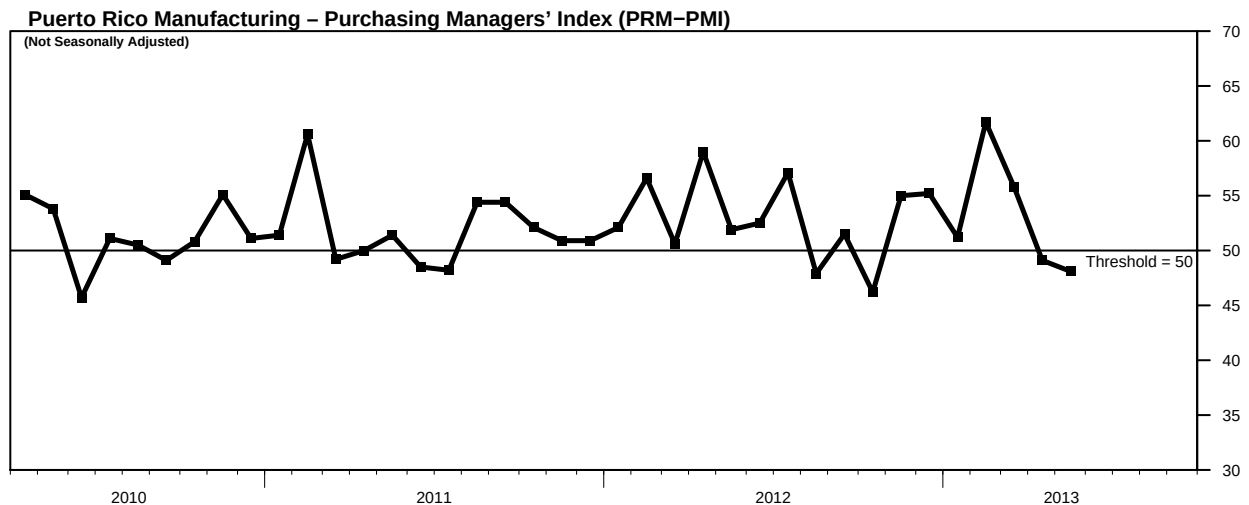


Table 1. Puerto Rico Manufacturing – Purchasing Managers' Index (NSA): June 2013

	Better	Same	Worse	PMI		
Órdenes nuevas	22.2	40.7	37	42.6	Lower	New orders
Producción	29.6	37	33.3	48.1	Lower	Production
Empleo	14.8	59.3	25.9	44.4	Lower	Employment
Entregas de suplidores	25.9	63	11.1	57.4	Slower	Supplier deliveries
Inventarios de su empresa	29.6	37	33.3	48.1	Lower	Own inventories
Puerto Rico Manufacturing – Purchasing Managers Index (NSA)				48.1	Contraction	

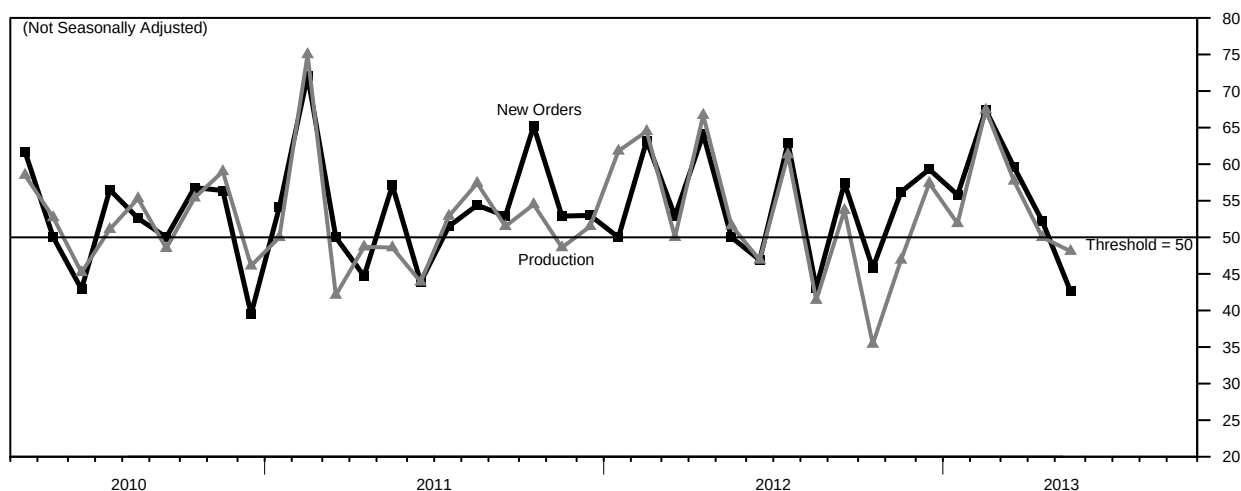
Note: Not Seasonally Adjusted (NSA)

New Orders

In June, the New Orders PMI (NSA) fell below the threshold level to 42.6, after six consecutive months above it. A reading below 50 indicates that on a Non-Seasonally Adjusted (NSA) basis, new orders at manufacturing establishments in June were lower than in May.

Production

The Production PMI (NSA) declined to 48.1 in June, dipping below the threshold level for the first time in five consecutive months. A reading under 50 indicates that on a Non-Seasonally Adjusted (NSA) basis, manufacturing production in June was lower than in May.

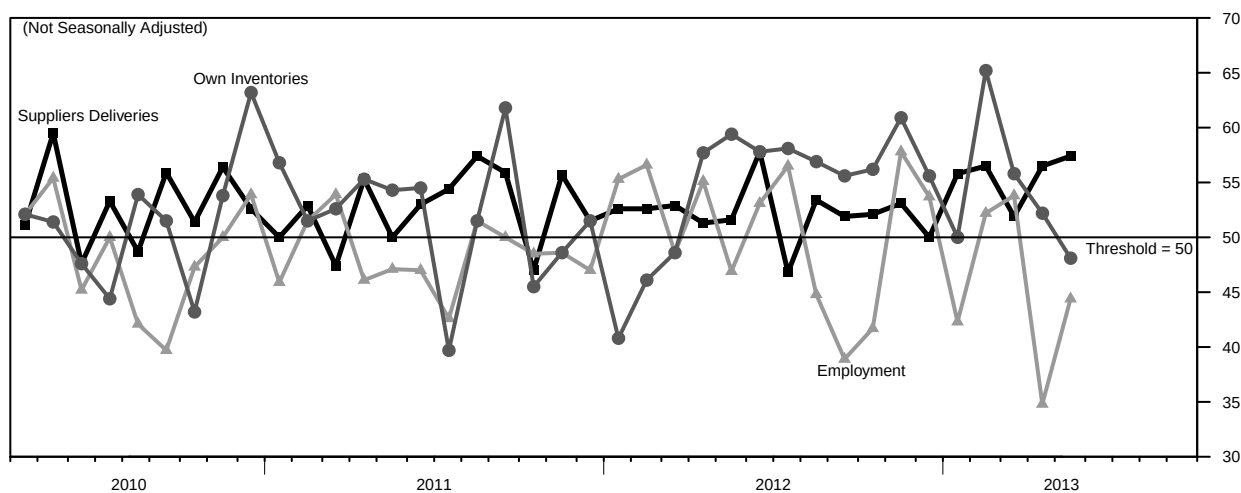


Employment

The Employment PMI (NSA) increased from 34.8 in May to 44.4 in June, but remained below the threshold for the second consecutive month. A reading below 50 indicates that on a Non-Seasonally Adjusted (NSA) basis, manufacturing employment in June was lower than in May.

Supplier Deliveries

The Supplier Deliveries PMI (NSA) ticked up to 57.4 in June, remaining at or above the threshold for the tenth consecutive month. A reading above 50 indicates that on a Non-Seasonally Adjusted (NSA) basis, the speed of supply deliveries in June was slower than in May, suggesting a higher demand for intermediate goods.



Own Inventories

In June, the Own Inventories PMI (NSA) fell below the threshold to 48.1, for the first time in thirteen consecutive months. A reading below 50 indicates that on a Non-Seasonally Adjusted (NSA) basis, inventories in manufacturing establishments in June were lower than in May.

Methodological note

The Puerto Rico Manufacturing-Purchasing Managers Index (PRM-PMI) is the result of a collaborative project between the Puerto Rico Manufacturers Association, Scotiabank, and the Puerto Rico Institute of Statistics. The PRM-PMI measures short-run business conditions in Puerto Rico's manufacturing sector, and provides a broad-based metric for the productive side of Puerto Rico's economy. It is currently in a testing phase to ensure a reliable methodology. The methodology is similar to PMI surveys conducted elsewhere. The survey questionnaire is available at <http://www.estadisticas.gobierno.pr/iepr/Publicaciones/Encuestas/ManufacturaPMI.aspx>. The participants include manufacturing establishments with 50 or more employees with membership in the Puerto Rico Manufacturers Association. Currently, results are presented on a Non-Seasonally Adjusted (NSA) basis. In the future, with sufficient data points, a seasonally adjusted version of the PRM-PMI will be prepared, which will smooth away the influence of seasonal fluctuations.

The PRM-PMI is calculated as the simple average of 5 sub-indexes, representing different business conditions in manufacturing establishments: New Orders PMI, Production PMI, Employment PMI, Supplier Deliveries PMI, Own Inventories PMI. The sub-indexes are computed using a diffusion index methodology. In specific, for any given month with respect to the previous month, participants are asked to answer whether the business condition of the establishment: (1) improved, (2) remained the same, or (3) deteriorated. Diffusion indexes are calculated as the percentage of responses that indicate the business condition improved plus half of the percentage of responses that indicate the business condition remained the same. The survey also includes questions on other business conditions. The diffusion indexes that correspond to these questions are currently under evaluation.

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Publication calendar

The monthly PRM-PMI report is published at 10:00 a.m. on the first business day of the month. In specific, the table below shows the expected publication dates of the PRM-PMI report during calendar year 2013:

Reference month	Publication date
Nov-12	January 2, 2013
Dec-12	February 1, 2013
Jan-13	March 1, 2013
Feb-13	April 1, 2013
Mar-13	May 1, 2013
Apr-13	June 3, 2013

Reference month	Publication date
May-13	July 1, 2013
Jun-13	August 1, 2013
Jul-13	September 3, 2013
Aug-13	October 1, 2013
Sep-13	November 1, 2013
Oct-13	December 2, 2013