

<b>Metadata</b>	
<b>Table code</b>	EC_EI_011
<b>Title</b>	<b>Manufacturing Production Index by Product Group</b>
<b>Frequency ,Lag time and Release schedule</b>	<b>Frequency</b> Monthly <b>Lag time</b> 1 month <b>Release schedule</b> The last business day of the following month
<b>Summary Methodology</b> <ul style="list-style-type: none"> <li>• Analytical Framework, Concepts, Definitions, and Classifications</li> <li>• Scope of the data</li> <li>• Accounting Conventions</li> <li>• Nature of the Basic Data Sources</li> <li>• Compilation Practices</li> </ul>	<p><b>Manufacturing Production Index</b> (MPI) serves as an indicator for the volume of production as well as <u>the</u> direction of manufacturing sector.</p> <p>MPI series, currently published by the Bank of Thailand (BOT), is compiled on a monthly basis. It covers 76 products, accounting for 75.68 percent of total value-added of the manufacturing sector. The index is classified into 19 manufacturing groups according to the Thailand Standard Industrial Classification (TSIC).</p> <p>Products covered are those with high ratio of value-added to the total value-added of the entire manufacturing sector in 2000. In addition, chosen products are usually those for which production can be consistently monitored.</p> <p>Firms included are based on those registered with the Ministry of Industry and those receiving investment promotion privileges from the Board of Investment. Target group includes firms with high production capacity or market share. About 440 firms were selected as sampling units. The BOT decided not to expand the number of the sampling units because there has recently been a policy proposal to cease the compilation and use the series compiled by the Office of Industrial Economics, Ministry of Industry once the compilation process enhancement is completed.</p> <p>Data for the compilation of MPI are mainly obtained through survey conducted by the BOT. Supplementary data include those from other secondary sources such as Office of the Cane and Sugar Board, the Excise Department and Automotive Industry Club. The rest is derived indirectly from proxy indicators. For instance, export volume is used as a proxy for total production for those industries which export over 80 percent of their total production (e.g., canned seafood).</p> <p>Survey forms are distributed to sampled respondents. Respondents are requested to complete and return the survey forms by the 15<sup>th</sup> of the following month, either via postal mail / facsimile or telephone. Firm-level data are treated as highly confidential and are not disseminated.</p> <p>The Laspeyres is applied for compilation of MPI. Weights are based on value-added of each industry in 2000, tabulated by the National Economic and Social Development Board (NESDB).</p> <p>The calculation formula is as follows :</p>

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	$I^t = \frac{\sum_{i=1}^n Q_i^t \times W_i^0}{\sum_{i=1}^n W_i^0} \times 100$ <p>Where <math>I^t</math> = Manufacturing production index at time t  <math>Q_i^t</math> = Production quantity of product i at time t  <math>Q_i^0</math> = Production quantity of product i at base year (2000)  <math>W_i^0</math> = Ratio of value-added of product i to that of the entire manufacturing sector in base year (2000)  i = Manufacturing products 1,2,3, ....., n</p> <p>Monthly MPI series, published by the BOT, are available with timeliness of one month. Preliminary figures cover approximately 75-80% of the sample. Revision is made when complete data from the respondents have been received. In addition, the BOT also compile and disseminate seasonally adjusted MPI series, with historical figures dating back to January 1995.</p>
<b>Source of data</b>	<ol style="list-style-type: none"> <li>1. Thailand Tobacco Monopoly, Ministry of Finance</li> <li>2. Excise Department, Ministry of Finance</li> <li>3. Customs Department, Ministry of Finance</li> <li>4. Department of Energy Business, Ministry of Energy</li> <li>5. Office of the Cane and Sugar Board, Ministry of Industry</li> <li>6. Automotive Industry Club, The Federation of Thai Industries</li> <li>7. Manufacturers of respective products (Survey)</li> </ol>
<b>Accessibility</b>	BOT's website <a href="http://www2.bot.or.th/statistics/ReportPage.aspx?reportID=104&amp;language=eng">http://www2.bot.or.th/statistics/ReportPage.aspx?reportID=104&amp;language=eng</a>
<b>Revision policy</b>	Revision to the data is made for the previous 3 months to incorporate data from the latest survey.

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