

MPI – Manufacturing Production Index

1. **Definition (as of June 2011)**¹: The Manufacturing Production Index gives quarterly estimates of constant price manufacturing production.
2. **Vintage Date:** The vintage date reflects the quarter in which the publication is released.
3. **Reference Date:** The reference date refers to the date to which the observation is referring to.
4. **First Quarterly Vintage:** 1983Q1 dating back to 1976Q3.
5. **Earliest Observation:** Historical series available dating back to 1974Q3, although not for all vintages.
6. **Seasonality:** Seasonally adjusted.
7. **Unit of Observations:** Index number.
8. **Base Index of Observations:**
 - The base index was 1000.0 prior to the 1990Q4 vintage and 100.0 thereafter.
 - The base year changed approximately every five years before the introduction of the chain volume measure in 1998Q4. From here onwards, it changes every three to five quarters (see special notes for details).
9. **Quarterly Vintage Names:** MPIyyQq, where yy is the year of the vintage, Q refers to Quarter and q the number of the vintage quarter. For example, the column heading MPI85Q1 indicates that this column contains observations available in the first quarter of 1985.
10. **Publication Delay:** In general, the data in these vintages relates to the observation of the respective series in the previous quarter. For example, data for the first quarter is available in the issue released in June. Therefore there is one quarter delay in the release of data.

¹ Source: *Quarterly Indexes of Manufacturing Production, Australia* (cat. no. 5219.0), December 1982.

Table 1: Publication Delay

First Observation of	ABS Publication Date	Vintage Date
Q1	June Quarter	Q2
Q2	September Quarter	Q3
Q3	December Quarter	Q4
Q4	March Quarter	Q1

11. **Data Sources:** The primary data sources are the ABS publications *Quarterly Indexes of Manufacturing Production* (cat. no. 5219.0), *Quarterly Indexes of Industrial Production* (cat. no. 8125.0), *Australian Economic Indicators* (cat. no. 1350.0) and *Australian National Accounts: National Income, Expenditure and Product* (cat. no. 5206.0). Deep-history vintages are obtained from the ABS microfiche publication *Time Series Data* (cat. no. 1311.0 & 1335.0). See Table 2 for details.

Table 2: Sources of Data Series

Publication Date	Reference	Format	Source
1983Q1 – 1987Q4	<i>Quarterly Indexes of Manufacturing Production</i> (cat. no. 5219.0)	Hard-copy	The University of Melbourne, Economics and Commerce Library
	<i>Time Series Data</i> (cat. no. 1311.0)	Micro-fiche	The National Library, Canberra
1988Q1 – 1990Q3	<i>Quarterly Indexes of Manufacturing Production</i> (cat. no. 8219.0)	Hard-copy	The University of Melbourne, Economics and Commerce Library
	<i>Time Series Data</i> (cat. no. 1311.0)	Micro-fiche	The National Library, Canberra

Table 2: Sources of Data Series (Continued)

Publication Date	Reference	Format	Source
1990Q4 – 1992Q4	<i>Quarterly Indexes of Industrial Production</i> (cat. no. 8125.0)	Hard-copy	The University of Melbourne, Economics and Commerce Library
	<i>Time Series Data</i> (cat. no. 1311.0)	Micro-fiche	The National Library, Canberra
1993Q1 – 1993Q4	<i>Quarterly Indexes of Industrial Production</i> (cat. no. 8125.0)	Hard-copy	The University of Melbourne, Economics and Commerce Library
1994Q1 – 1996Q1	<i>Quarterly Indexes of Industrial Production</i> (cat. no. 8125.0)	PDF	Online
1996Q2 – 1998Q1	<i>Indexes of Industrial Production</i> (cat. no. 8125.0)	PDF	Online
1998Q2 – 2006Q3	<i>Australian Economic Indicators</i> (cat. no. 1350.0)	PDF	Online
2006Q4 – present	<i>Australian National Accounts: National Income, Expenditure and Product</i> (cat. no. 5206.0); Table 37; Series ID: A2716601C.	Excel workbook	Online

Special notes:

1. **MPI83Q1 – First seasonally adjusted MPI measure.** Observations are expressed with a base of 1979-80 = 1000.0
2. **MPI83Q1 to MPI88Q2 – Base year change.** The series is based on an index of 1979-80 = 1000.0.
3. **MPI88Q3 to MPI90Q3 – Base year change.** The series is based on an index of 1984-85 = 1000.0.
4. **MPI90Q4 to MPI92Q4 – Base year change.** The series is based on an index of 1984-85 = 100.0.
5. **MPI91Q4 – Unexpected revision.** Revised due to sample revision and coverage adjustment.
6. **MPI93Q1 to MPI98Q3 – Base year change.** The series is based on an index of 1989-90 = 100.0.
7. **MPI93Q4 – Unexpected revision.** Benchmarking of indexes for the manufacturing sector to the 1989-90, 1990-91, and 1991-92 manufacturing censuses. This revision is also due to an annual sample revision to the Manufacturing Industry Survey.
8. **MPI95Q1 – Unexpected revision.** Revision is due to the implementation of the Australian and New Zealand Standard Industrial Classification (ANZSIC).
9. **MPI95Q2 – Unexpected revision.** Revised due to the availability of final industry data for the base year estimates.
10. **MPI96Q3 – Unexpected revision.** The manufacturing series were benchmarked to the 1992-93 and 1993-94 Manufacturing Surveys.
11. **MPI97Q3 – Unexpected revision.** Series is revised as a result of improvements to coverage and revised manufacturing indexes due to an annual benchmark for 1995-96 based on the Manufacturing Industry Survey.
12. **MPI98Q4 to MPI99Q2 – Base year change.** The series is based on an index of 1996-97 = 100.0.

13. **MPI99Q1 – Two issues were released.** The January 1999 and March 1999 issue of *Australian Economic Indicators* (cat. no. 1350.0) were both published within the first quarter but with different data range. In order to maintain the consistency of the data set, the March issue is regarded as published in the second quarter and is reported under the vintage name MPI99Q2.
14. **MPI99Q3 to MPI00Q2 – Base year change.** The series is based on an index of 1997-98 = 100.0.
15. **MPI00Q3 to MPI01Q2 – Base year change.** The series is based on an index of 1998-99 = 100.0.
16. **MPI01Q3 to MPI02Q2 – Base year change.** The series is based on an index of 1999-00 = 100.0.
17. **MPI02Q3 – Error in source publication.** Base year should be 1999-00 = 100.0 instead of 2000-01 = 100.0.
18. **MPI02Q4 to MPI03Q2 – Base year change.** The series is based on an index of 2000-01 = 100.0.
19. **MPI03Q3 to MPI04Q2 – Base year change.** The series is based on an index of 2001-02 = 100.0.
20. **MPI04Q1 – Error in source publication.** Base year should be 2001-02 = 100.0 instead of 2000-01 = 100.0.
21. **MPI04Q3 to MPI05Q2 – Base year change.** The series is based on an index of 2002-03 = 100.0.
22. **MPI05Q3 to MPI06Q2 – Base year change.** The series is based on an index of 2003-04 = 100.0.
23. **MPI06Q3 to MPI07Q3 – Base year change.** The series is based on an index of 2004-05 = 100.0.
24. **MPI07Q4 to MPI08Q3 – Base year change.** The series is based on an index of 2005-06 = 100.0.
25. **MPI08Q4 to MPI09Q3 – Base year change.** The series is based on an index of 2006-07 = 100.0.

26. **MPI09Q4 to ... – Base year change.** The series is based on an index of 2007-08 = 100.0.