

IPI – Industrial Production Index

1. **Definition (as of June 2011)¹:** The Industrial Production Index gives quarterly estimates of gross product at constant prices for the non-farm, goods producing sector. It reflects the sum of three sectors: Mining excluding Services to Mining, Manufacturing and Electricity, Gas and Water.
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:** 1990Q4 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 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:** IPIyyQq, 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 IPI95Q1 indicates that this column contains observations available in the first quarter of 1995.
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 Industrial Production, Australia* (cat. no. 8125.0), September 1990.

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 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 |
|------------------|--|----------------|---|
| 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) | Microfiche | 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: A2298671X. | Excel Workbook | Online |

Special notes:

1. **IPI90Q4 – First seasonally adjusted measure of IPI.** Observations are seasonally adjusted and are expressed with a base index of 1984-85 = 100.0
2. **IPI90Q4 to IPI92Q4 – Base year change.** The series is based on an index of 1984-85 = 100.0.
3. **IPI91Q4 – Unexpected revision.** Revised due to sample revision and coverage adjustment.
4. **IPI92Q1 – Unexpected revision.** Revision due to an annual seasonal re-analysis and minor revisions to the base year estimates of mining and utilities gross product.
5. **IPI92Q2 – Unexpected revision.** Revised due to changes in estimates of utilities gross product.
6. **IPI93Q1 to IPI98Q3 – Base year change.** The series is based on an index of 1989-90 = 100.0.
7. **IPI93Q4 – 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. **IPI95Q1 – Unexpected revision.** Revision is due to the implementation of the Australian and New Zealand Standard Industrial Classification (ANZSIC).
9. **IPI95Q2 – Unexpected revision.** Revised due to the availability of final industry data for the base year estimates.
10. **IPI96Q3 – Unexpected revision.** Benchmarking of indexes for the manufacturing sector to the 1992-93 and 1993-94 manufacturing censuses.
11. **IPI97Q3 – 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. **IPI98Q4 to IPI99Q2 – Base year change.** The series is based on an index of 1996-97 = 100.0.

13. **IPI99Q1 – 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 IPI99Q2.
14. **IPI99Q3 to IPI00Q2 – Base year change.** The series is based on an index of 1997-98 = 100.0.
15. **IPI00Q3 to IPI01Q2 – Base year change.** The series is based on an index of 1998-99 = 100.0.
16. **IPI01Q3 to IPI02Q2 – Base year change.** The series is based on an index of 1999-00 = 100.0.
17. **IPI02Q3 – Error in source publication.** Base year should be 1999-00 = 100.0 instead of 2000-01 = 100.0.
18. **IPI02Q4 to IPI03Q2 – Base year change.** The series is based on an index of 2000-01 = 100.0.
19. **IPI03Q3 to IPI04Q2 – Base year change.** The series is based on an index of 2001-02 = 100.0;
20. **IPI04Q1 – Error in source publication.** Base year should be 2001-02 prices instead of 2000-01 = 100.0.
21. **IPI04Q3 to IPI05Q2 – Base year change.** The series is based on an index of 2002-03 = 100.0.
22. **IPI05Q3 to IPI06Q2 – Base year change.** The series is based on an index of 2003-04 = 100.0.
23. **IPI06Q3 to IPI07Q3 – Base year change.** The series is based on an index of 2004-05 = 100.0.
24. **IPI07Q4 to IPI08Q3 – Base year change.** The series is based on an index of 2005-06 = 100.0.
25. **IPI08Q4 to IPI09Q3 – Base year change.** The series is based on an index of 2006-07 = 100.0.

26. **IPI09Q4 to ... – Base year change.** The series is based on an index of 2007-08 = 100.0.