

Productivity Statistics: 1980–2007

Istat releases productivity statistics for the period 1980-2007. The productivity series are coherent with the results of the latest release of national accounts¹.

The adopted methodology closely follow the approach outlined in the OECD Manual² on Productivity Measurement. Productivity is a measure of how efficiently production inputs (capital and labor) are being used in the economy to produce outputs. It is commonly defined as a ratio of a volume measure of output to a volume measure of input. There can be either single factor productivity measures (relating a measure of output to a single measure of input) or multifactor productivity measures ((relating a measure of output to a bundle of inputs). Productivity measures can be distinguished also according to the output measure used (gross output or value added).

The official series all use value added as the output measure and hours worked as labor input measure. The series are produced for labor productivity and total factor productivity. Data refer to 28 sectors corresponding to the sub-sections of NACE Rev.1 classification for mining and manufacturing industries and to the sections for the other sectors, with the exclusion of Private households with employed persons (section P) and Letting of own property (group 70.2), and the Public administration institutional sector. Aggregate data are consistent with industry-level data.

Contributions to Growth of Chained Value Added per Hours Worked, 1981-2007

	1980-2007	1980-1995	1995-2007	2000-2003	2003-2007
Growth rate of chained value added per hours worked	1.4	2.2	0.4	-0.8	0.4
Contribution from:					
Capital per hours worked	0.7	1.0	0.4	0.5	0.1
ICT	0.2	0.2	0.0	0.0	-0.1
Non ICT	0.6	0.8	0.3	0.5	0.2
Total factor productivity	0.7	1.2	0.0	-1.3	0.3

Time series are available on the Istat web site
For more details please refer to the Italian version

Contact person:

Massimiliano Iommi
 Istat – National Institute of Statistics
 Directorate of National Accounts
 Via A. Depretis, 74/b, 00184 Rome, Italy
 Phone: +39 06 46733161
 e-mail: iommi@istat.it

¹ :See http://www.istat.it/dati/dataset/20080328_00/

² OECD (2001). *Measuring Productivity. OECD Productivity Manual: A Guide to the Measurement of Industry-Level and Aggregate Productivity Growth*, Paris, Available on line at :<http://www.oecd.org/dataoecd/59/29/2352458.pdf>