

REASONS FOR REVISION IN GROWTH RATE IN GDP, 2008-09 BETWEEN THE REVISED ESTIMATES RELEASED IN MAY 2009 AND QUICK ESTIMATES RELEASED IN JANUARY 2010

Sector	GDP growth 2008-09		Reasons for variation
	May 2009	Jan 2010	
1. agriculture, forestry & fishing	1.6	1.6	There is no revision
2. mining & quarrying	3.6	1.6	The downward revision is due to the use of data on minor minerals available from the States, which placed the growth in output of minor minerals at (-) 0.4%. The May, 2009 estimates for this item were based on the growth observed in IIP-Mining (2.3%)
3. manufacturing	2.4	3.2	The upward revision is due to the use of final estimates of IIP in Jan 2010 (2.7%), as against the first estimates of IIP in May 2009 (2.3%)
4. electricity, gas & water supply	3.4	3.9	The upward revision is on account of revision in the estimates of gas (from 7.1% to 11.5%) and water supply (from 6.8% to 8.6%), on account of availability of latest data. The May 2009 estimates were extrapolated on the basis of past few years' trend.
5. construction	7.2	5.9	Fall is mainly in government kutcha construction in Jan 2010 estimate, which is based on revised estimates of centre and state budgets, than the extrapolated May 2009 estimate.
6. trade, hotels, transport, storage & communication	5.6	5.3	Revision is marginal and is mainly due to the fall in share of communication in the new series
7. financing, insurance, real estate & business services	7.8	10.1	Upward revision is mainly due to the significant rise in the value added of life insurance (34.8%) in Jan 2010 estimate, as against the earlier extrapolated estimate of 3.0% in May 2009.
8. community, social & personal services	13.1	13.9	Upward revision is mainly on account of higher than anticipated increase in the salaries and wages of government employees (22.1% as against 16.6%).
9. GDP at factor cost (1 to 9)	6.7	6.7	-----

**estimates of Jan 2009 refer to old base year 1999-2000 and those of Jan 2010 to new base year 2004-05*

**REASONS FOR REVISIONS IN GROWTH RATE IN GDP, 2007-08 BETWEEN QUICK ESTIMATES
RELEASED IN JANUARY 2009 AND ESTIMATES RELEASED IN
JANUARY 2010**

Sector	GDP growth 2007-08		Reasons for revisions in the estimates
	Jan 2009	Jan 2010	
1. agriculture	5.0	5.0	No revision
2. forestry & logging	2.1	2.2	Besides the reasons mentioned in the statement for 2005-06, the revision is marginal.
3. fishing	4.6	6.0	Revision is due to the incorporation of latest data on marine fish, prawns, salted and sundried fish and frozen fish from the States. The previous estimates were based on all-India data of marine fish only.
4. mining & quarrying	3.3	3.9	The revision is due to the availability of revised data on major and minor minerals, as well as, on inputs
5. registered manufacturing	7.6	10.1	The upward revision is due the use of ASI 2007-08 GVO growth as against the growth of IIP in the old series.
6. unregistered manufacturing	9.6	10.7	Revision due to the reasons mentioned in the statement for 2005-06.
7. electricity, gas & water supply	5.3	8.5	The revision in the Electricity sub-sector is due to expansion in coverage to include the output of wind energy and revision in the number of bio gas plants installed and receipt of annual accounts of NDCUs.
8. construction	10.1	10.0	Besides the reasons mentioned in the statement for 2005-06, revision is marginal.
9. trade	10.0	9.2	Due to the reasons mentioned in the following statement for 2005-06.
10. hotels & restaurants	11.5	12.8	Due to the reasons mentioned in the following statement for 2005-06.
11. railways	9.3	9.8	The revision in the estimates is due to the use of 'Actuals' instead of 'Revised Estimates'
12. transport by other means	7.7	7.9	Besides the reasons mentioned in the statement for 2005-06, revision is marginal.
13. storage	-1.3	4.6	Due to the reasons mentioned in the statement for 2005-06.
14. communication	25.6	28.4	Besides reasons mentioned in the following statement for 2005-06, revision in the estimates is due to the use of 'Actuals' instead of 'Revised Estimates'
15. banking & insurance	15.4	16.8	Besides the reasons mentioned in the following statement for 2005-06, the growth in NBFC's was 5.0 % in the 1999-00 series , whereas it is now estimated at 8.8%.
16. real estate, ownership of dwellings, business & legal services	8.5	10.5	Due to the reasons mentioned in the statement for 2005-06.
17. public administration & defence	4.2	7.4	Besides reasons mentioned in the following statement for 2005-06, revision in the estimates is due to the use of 'Actuals' instead of 'Revised Estimates'. (Salaries and wages increased by 13.9% in the new series as against 10.4% in the 1999-00 series)
18. other services	8.5	6.3	Due to the reasons mentioned in the following statement for 2005-06.
19. GDP at factor cost	9.0	9.22	

**estimates of Jan 2009 refer to old base year 1999-2000 and those of Jan 2010 to new base year 2004-05*

**REASONS FOR REVISIONS IN GROWTH RATE IN GDP, 2006 -07 BETWEEN
ESTIMATES RELEASED IN JANUARY 2009 AND ESTIMATES RELEASED IN
JANUARY 2010**

Sector	GDP growth 2006-07		Reasons for revisions in the estimates
	Jan 2009	Jan 2010	
1. agriculture	4.1	3.8	Besides the reasons mentioned in the following statement for the year 2005-06, there is substantial rise in the input of imputed bank charges from the earlier estimated growth of 19.2% to 52.9%.
2. forestry & logging	2.4	3.0	Besides the reasons mentioned in the following statement for 2005-06, there is increase in the production of minor forest products, as reported by the state forest departments.
3. fishing	3.0	3.0	No revision
4. mining & quarrying	8.8	8.7	Besides the reasons mentioned in the following statement for 2005-06, revision is marginal
5. registered manufacturing	11.6	16.7	The upward revision is due the use of ASI 2006-07 census results as against the growth of IIP in the old series.
6. unregistered manufacturing	12.0	11.6	Revision due to the reasons mentioned in the following statement for 2005-06.
7. electricity, gas & water supply	5.3	10.0	Due to the reasons mentioned in the following statement for 2005-06.
8. construction	11.8	10.6	Due to the reasons mentioned in the following statement for 2005-06. But major revision was in the value of fixtures and fittings. (26.5% growth in the new series as against 81.6% in the old series)
9. trade	9.9	10.8	The revision is due to the availability of revised data on private corporate sector.
10. hotels & restaurants	15.9	14.6	The revision is due to the availability of revised data on private corporate sector
11. railways	10.0	11.1	Due to the reasons mentioned in the following statement for 2005-06.
12. transport by other means	8.8	8.8	No revision
13. storage	3.2	9.9	Due to the reasons mentioned in the following statement for 2005-06.
14. communication	27.7	25.3	Due to the reasons mentioned in the following statement for 2005-06.
15. banking & insurance	20.3	21.1	Due to the reasons mentioned in the following statement for 2005-06.
16. real estate, ownership of dwellings, business & legal services	8.6	10.1	Due to the reasons mentioned in the following statement for 2005-06.
17. public administration & defence	4.0	0.8	Besides the reasons mentioned in the following statement for 2005-06, salaries and wages increased by 6.5% in the new series as against 10.8% in the 1999-00 series.
18. other services	6.9	3.9	Due to the reasons mentioned in the following statement for 2005-06.
19. GDP at factor cost	9.7	9.7	

**estimates of Jan 2009 refer to old base year 1999-2000 and those of Jan 2010 to new base year 2004-05*

**REASONS FOR REVISIONS IN GROWTH RATE IN GDP, 2005 -06 BETWEEN
ESTIMATES RELEASED IN JANUARY 2009 AND ESTIMATES RELEASED IN
JANUARY 2010**

Sector	GDP growth 2005-06		Reasons for revisions in the estimates
	Jan 2009	Jan 2010	
1. agriculture	6.0	5.6	The revisions are mainly due to the changes in the procedures adopted in the new series, which are documented in the Brochure on new series available at www.mospi.gov.in . The two major changes are (i) adopting fully revised production estimates released by the States instead of final estimates released by the Ministry of Agriculture and (ii) inclusion of feed of livestock from forest sources, which raised the levels of inputs significantly.
2. forestry & logging	1.3	2.0	The revisions are mainly due to the changes in the procedures adopted in the new series. There is substantial increase in the value of output in the new series on account of (i) inclusion of timber from trees outside forests and (ii) feed of livestock from forest sources, due to which the weighting pattern has changed at item-level. Also, due to using the NSS61st round data on consumption expenditure, there is increase in the growth rates of firewood consumption to 6.0 per cent in the new series, as against 2.0 per cent growth rate in the old series.
3. fishing	7.3	5.7	The downward revision is on account of increase in inputs in the new series. The inputs are estimated as a percentage of total output for different types of fish production uniformly for all states in the new series.
4. mining & quarrying	4.9	1.3	The downward revision is due to the price differential in some commodities particularly crude oil and natural gas in the new base year (2004-05 price) as against the 1999-00 price used in the old series.
5. registered manufacturing	9.3	11.3	The upward revision is due the use of ASI 2005-06 results as against the IIP results used in the old series.
6. unregistered manufacturing	8.6	6.5	The revisions are due to the changes in the procedure adopted. The major changes are (i) estimates prepared separately for micro, small and medium enterprises (MSMEs) (other than those covered under the ASI), and the rest of unorganized manufacturing. (ii) the labour input used is on the basis of work place rather than location from the 62 nd round of NSSO enterprise survey.
7. electricity, gas & water supply	5.1	6.6	The revision is due to expansion in coverage to include the output of wind energy and revision in the number of bio gas plants installed and receipt of annual accounts of NDCUs.
8. construction	16.2	12.4	The revisions are mainly due to use of ASI 2004-05 data. For 2004-05 series, the item basket for construction material has been finalized by analyzing the detailed result of Annual Survey of Industries (ASI) 2004-05 at five digit level of ASICC instead of four digit level of NIC as was done during 1999-2000 base revision. This accounted for major revision in the estimates of accounted construction (value of brick and tiles (9.1% growth in the new series as against 16.7% in the old series) and fixtures and fittings (16.2% growth in the new series as against 56.6% in the old series)

Sector	GDP growth 2005-06		Reasons for revisions in the estimates
	Jan 2009	Jan 2010	
9. trade	9.8	11.8	The revision is due to using the data on private corporate sector made available by RBI as against the use of growth in paid up capital for the private corporate sector in the old series.
10. hotels & restaurants	14.6	17.8	-do-
11. railways	8.8	7.5	Downward revision is due to the base year change and the changes in the weighting between freight and passenger revenue.
12. transport by other means	8.3	9.0	Upward revision is mainly due to the revision in private organized and unorganized sector on account of use of GVAPW of 63 rd round of NSSO and workforce estimates based on Employment-Unemployment Survey of 61 st round..
13. storage	1.2	4.7	The revision is on account of use of ASI 2004-05 data and GVAPW of 63 rd round of NSSO and workforce estimates based on Employment-Unemployment Survey of 61 st round.
14. communication	26.8	22.5	The downward revision is mainly due the revisions in private communication due to the procedures adopted in the new series. The major changes are (i) use of GVAPW of 63 rd round of NSSO and workforce estimates based on Employment-Unemployment Survey of 61 st round. (ii) For private corporate sector (other than cable operators and couriers) estimates have been prepared by using GVO/GVA ratio of sample private cellular companies on the product of the average revenue per user (ARPU) per month and number of subscribers.
15. banking & insurance	14.2	15.9	The upward revision is mainly change in the base year estimates of Non-government non banking financial companies due to availability of latest reports on NBFC's from RBI . The growth in NBFC's was 0.1 % in the 1999-00 series , whereas it is now estimated at 4.2% .
16. real estate, ownership of dwellings,	9.2	10.8	The revisions are mainly due to the changes in the procedures adopted in the new series. The major changes are adopting user cost approach for estimating GVA of rural dwellings.
17. public administration & defence	4.9	3.6	The downward revision is due to the change in methodology of estimation of macro economic aggregates for quasi government bodies and purpose classification of these expenditures. In the new series, expenditure on education and health is included in the industry "other services", while in the 1999-00 series this expenditure formed a part of public administration and defence. (Due to this classification, salaries and wages showed an increase of 7.7 % in the new series as against 9.2% in the 1999-00 series)
18. other services	8.6	10.6	The revisions are mainly due to the use of latest survey results (VAPW from NSS 63 rd round and the estimated workforce of NSS 61 st round).
19. GDP at factor cost	9.5	9.5	—

*estimates of Jan 2009 refer to old base year 1999-2000 and those of Jan 2010 to new base year 2004-05