

FIRST ADVANCE ESTIMATES OF NATIONAL INCOME, 2018-19

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Ministry of Statistics & Programme Implementation

First Advance Estimates of National Income, 2018-19

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The Central Statistics Office (CSO), Ministry of Statistics and Programme Implementation has released the First Advance Estimates of National Income at Constant (2011-12) and Current Prices, for the financial year 2018-19. These are presented in Statements 1-4.

2. The First Advance Estimates of GDP have been released in accordance with the release calendar of National Accounts. The approach for compiling the Advance Estimates is based on Benchmark-Indicator method. The sector-wise Estimates are obtained by extrapolation of indicators like (i) Index of Industrial Production (IIP) of first 7 months of the financial year, (ii) financial performance of Listed Companies in the Private Corporate sector available upto quarter ending September, 2018 (iii) 1st Advance Estimates of Crop production, (iv) accounts of Central & State Governments, information on indicators like Deposits & Credits, Passenger and Freight earnings of Railways, Passengers and Cargo handled by Civil Aviation, Cargo handled at major Sea Ports, Sales of Commercial Vehicles, etc., available for first 8 months of the financial year. With the introduction of Goods and Services Tax (GST) from 1st July 2017 and consequent changes in the tax structure, the total Tax Revenue used for GDP compilation include non-GST revenue and GST revenue. For the year 2018-19, the Budget Estimates of Tax Revenue as provided by Controller General of Accounts (CGA) has been used for estimating taxes on products at Current Prices. For compiling taxes on products at Constant Prices, volume extrapolation is done using volume growth of taxed goods and services and aggregated to get the total volume of taxes. Annual forecast of indicators which are available for first 7/8 months is based on Regression using seasonal dummies to account for seasonal fluctuations or some indicators like IIP has been compiled by dividing the cumulative value for the first 7 months of the current financial year by average of ratio of cumulative value of 7 months to the annual value of past years. The salient features of the Estimates are detailed below:

1. ESTIMATES AT CONSTANT (2011-12) PRICES

Gross Domestic Product

3. Real GDP or Gross Domestic Product (GDP) at Constant Prices (2011-12) in the year 2018-19 is likely to attain a level of 139.52 lakh crore, as against the Provisional Estimate of GDP for the year 2017-18 of 130.11 lakh crore, released on 31st May 2018. The growth in GDP during 2018-19 is estimated at 7.2 percent as compared to the growth rate

of 6.7per cent in 2017-18.

Gross Value Added (GVA) at Basic Prices

4. Real GVA, i.e, GVA at Basic Constant Prices (2011-12) is anticipated to increase from 119.76lakh crore in 2017-18 to 128.09lakh crore in 2018-19. Anticipated growth of real GVA at Basic Prices in 2018-19 is 7.0percentas against 6.5percent in 2017-18.

5. The sectors which registered growth rate of over 7.0 percent are, 'Electricity, Gas, Water Supply and Other Utility Services', 'Construction', 'Manufacturing', 'Public Administration, Defence and Other Services'. The growth in the 'Trade, Hotels, Transport, Communication and Services related to Broadcasting', 'Financial, Real Estate and Professional Services', 'Agriculture, Forestry and Fishing' and 'Mining and Quarrying', is estimated to be 6.9 per cent, 6.8 per cent, 3.8percent and 0.8percent respectively.

Agriculture, Forestry and Fishing

6. GVA at Basic Prices for 2018-19 from 'Agriculture, Forestry and Fishing' sector is estimated to grow by 3.8percent as compared to growth of 3.4percent in 2017-18. The GVA estimates of this sector have been compiled using the First Advance Estimates of production of major KharifCrops for 2018-19 and targets based onRabi sowings. According to the information furnished by the Department of Agriculture, Cooperation&Farmers Welfare (DAC& FW),the production of food grains during the Kharif season of agriculture year 2018-19was 141.59million tonnes as compared to 140.73 million tonnes during the same period in 2017-18. In case of livestock sector, estimates of production, mainly in the form of production targets for milk, egg, meat and wool from the Department of Animal Husbandry,Dairying & Fisheries (DADF), Ministry of Agriculture&Farmers Welfare has been used.

Mining and Quarrying

7. GVA at Basic Prices for 2018-19 from 'Mining and Quarrying' sector is estimated to grow by 0.8percent as compared to growth of 2.9percent in 2017-18. The key indicators of Mining sector, namely, production of Coal, Crude Oil and Natural Gas registered growth rates of 9.0 per cent, (-)3.6percent and (-)0.7percent respectively during April-November,2018-19.Annual forecast of production estimated in respect of these items have been used to extrapolate the Provisional Estimates of value of output of Coal, Crude Petroleum, and other major and minor Minerals, respectively.IIP ofMining registered growth rate of 3.8percentduring April-October, 2018-19.The Advance Estimate of IIP of Mining compiled for the current year has been used for compilation. The Private Corporate sector growth in the Mining sector for 2018-19 is estimated using the information available on the performance of major Listed Companies during the first half of financial year 2018-19.

Manufacturing

8. GVA at Basic Prices for 2018-19 from 'Manufacturing' sector is estimated to grow by 8.3

percent as compared to growth of 5.7percent in 2017-18. ThePrivate Corporate sector growth in theManufacturing sector for 2018-19 is estimated using latest available information on major Listed Companies during first half of financial year 2018-19. The Private Corporate sector growth (which has a share of over 75percent in the Manufacturing sector) was estimated from available data of Listed Companies with BSE and NSE.The Quasi - Corporate and Unorganized segment (which has a share of over 20percent in the Manufacturing sector)has been estimated using IIP of Manufacturing.The Advance Estimates of IIP for the current year at 2-digit level is used toextrapolate the previous year's value added estimates at 2-digit level, separately for the Quasi -Corporate and Household sectors. IIP Manufacturing registered growth of 5.6percentduring April-October,2018-19. The Wholesale Price Index (WPI), in respect of the manufactured products registered a growth of 4.1 percent during April-November,2018-19.

Electricity, Gas, Water Supply and Other Utility Services

9. GVA at Basic Prices for 2018-19 from 'Electricity, Gas, Water Supply and Other Utility Services' sector is expected to grow by 9.4percentas compared to growth of 7.2percent in 2017-18. Advance Estimate of IIP of Electricity compiled for 2018-19 has been used for compilation. IIP of Electricity registered a growth rate of 6.8percent during April-October, 2018-19.

Construction

10.GVA at Basic Prices for 2018-19 from 'Construction' sector is expected to grow by 8.9percent as compared to growth of 5.7percent in 2017-18. Key indicators ofConstruction sector, namely,Production ofCement andConsumption ofFinishedSteel registered growth rates of 14.2percent and 8.2percentrespectively during April-November,2018-19.

Trade, Hotels and Transport & Communication and Services related to Broadcasting

11. The estimated growth in GVA for the Trade, Hotels, Transport and Communication and Services related to Broadcasting services during 2018-19 is placed at 6.9per cent as against growth of 8.0percent in the previous year. GVA from Trade sector is estimated using an index of turnover based on Sales Tax. With introduction of GST, Sales Tax data is now subsumed under GST. Therefore, a comparable estimate of turnover based on Sales Tax has been estimated. Methodology of estimation is as explained in the Annexure to the Press Note on estimates of GDP for the second quarter (July-September) of 2017-18released on 30th November, 2017. AmongtheOther Servicesectors, the key indicatorsofRailways, namely, theNetTonneKilometres and Passenger Kilometres have shown growth rate of 7.4percent and 0.5percent respectively duringApril-November2018-19.Among the other service sectors,Cargo handled at major Sea Ports, Cargo handled by the Civil Aviation, Passangers handled by the Civil Aviationand Sales of Commercial

Vehicles registered a growth of 4.8 percent, 4.3 percent, 15.06 percent and 31.5 percent respectively during April-November, 2018-19.

Financial, Real Estate and Professional Services

12. The estimated growth in GVA for this sector during 2018-19 is placed at 6.8 percent as compared to growth of 6.6 percent in 2017-18. The key indicators of this sector are the growth of

Corporate Sector for Real Estate sector and Computer related activities which are estimated using latest available information on Listed Companies for the first half of financial year 2018-19. Aggregate Bank Deposits and Bank Credits have shown growth rates of 9.0 percent and 14.6 percent respectively as on October 2018.

Public Administration and Defence and Other Services

13. GVA at Basic Prices for 2018-19 from this sector is expected to grow by 8.9 percent as compared to growth of 10.0 percent in 2017-18. The key indicator of this sector namely, Union Government Expenditure, Net of Interest Payments and Subsidies grew by 9.7 percent during April-November 2018-19.

Per Capita Income

14. The Per Capita Income in real terms (at 2011-12 prices) during 2018-19 is likely to attain a level of 91,921 as compared to 86,668 for the year 2017-18. The growth rate in Per Capita Income is estimated at 6.1 per cent during 2018-19, as against 5.4 per cent in the previous year.

B. ESTIMATES AT CURRENT PRICES

15. Price Indices used as Deflators

The Wholesale Price Index (WPI), in respect of the groups - Food Articles, Manufactured Products, Electricity and all Commodities, has risen by (-)0.9 per cent, 4.1 per cent, 6.8 percent and 4.9 percent, respectively during April-November 2018-19. The Consumer Price Index (CPI) has shown a rise of 3.9 per cent during April-November, 2018-19.

Gross Domestic Product

16. GDP is derived by adding Taxes on Products net of Subsidies on Products to GVA at Basic Prices. GDP at Current Prices in the year 2018-19 is likely to attain a level of 188.41 lakh crore, as against 167.73 lakh crore in 2017-18 showing a growth rate of 12.3 per cent.

National Income

17. The nominal Net National Income (NNI), also known as National Income (at Current Prices) is likely to be 167.03 lakh crore during 2018-19, as against 148.49 lakh crore for the year 2017-18. In terms of growth rates, the National Income registered a growth rate of 12.5 per cent in 2018-19 as against the previous year's growth rate of 10.1 per cent.

Per Capita Income

18. The Per Capita Net National Income during 2018-19 is estimated to be 1,25,397 showing a rise of 11.1 per cent as compared to 1,12,835 during 2017-18 with the growth rate of 8.6 per cent.

C. ANNUAL ESTIMATES OF FINAL EXPENDITURES OF GDP, 2018-19

19. Along with the First Advance Estimates of GVA at Basic Prices by economic activity, the First Advance Estimates of Expenditures of the GDP at Current and Constant (2011-12) Prices are also released. These estimates have been compiled using the data from the same sources as those used for compiling GVA estimates by economic activity, detailed data available on Merchandise Trade in respect of Imports and Exports, Balance of Payments, and Expenditure of Central and State Governments. As various components of Expenditure on Gross Domestic Product, namely, Consumption Expenditure and Capital Formation, are normally measured at Market Prices, the discussion in the following paragraphs is in terms of Market Prices only.

Private Final Consumption Expenditure

20. Private Final Consumption Expenditure (PFCE) at Current Prices is estimated at 109.99 lakh crore in 2018-19 as against 99.14 lakh crore in 2017-18. At Constant (2011-12) Prices, the PFCE is estimated at 77.26 lakh crore in 2018-19 as against 72.59 lakh crore in 2017-18. In terms of GDP, the rates of PFCE at Current and Constant (2011-12) Prices during 2018-19 are estimated at 58.4 per cent and 55.4 per cent, respectively, as against the

corresponding rates of 59.1 per cent and 55.8 per cent, respectively in 2017-18.

Government Final Consumption Expenditure

21. Government Final Consumption Expenditure (GFCE) at Current Prices is estimated at 21.70 lakh crore in 2018-19 as against 19.08 lakh crore in 2017-18. At Constant (2011-12) Prices, the GFCE is estimated at 15.28 lakh crore in 2018-19 as against 14.0 lakh crore in 2017-18. In terms of GDP, the rates of GFCE at current and constant (2011-12) prices during 2018-19 are estimated at 11.5 per cent and 11.0 per cent, respectively, as against the corresponding rates of 11.4 per cent and 10.8 per cent, respectively in 2017-18.

Gross Fixed Capital Formation

22. Gross Fixed Capital Formation (GFCF) at Current Prices is estimated at 55.58 lakh crore in 2018-19 as against 47.79 lakh crore in 2017-18. At Constant (2011-12) Prices, the GFCF is estimated at 45.86 lakh crore in 2018-19 as against 40.88 lakh crore in 2017-18. In terms of GDP, the rates of GFCF at Current and Constant (2011-12) prices during 2018-19 are estimated at 29.5 per cent and 32.9 per cent, respectively, as against the corresponding rates of 28.5 per cent and 31.4 per cent, respectively in 2017-18.

23. Estimates of Gross/Net National Income and Per Capita Income along with GVA at Basic Prices by kind of economic activity and the Expenditures of GDP for the years 2016-17, 2017-18 and 2018-19 at Constant (2011-12) and Current Prices are given in Statements 1 to 4.

24. The release of Second Advance Estimates of National Income for the year 2018-19 and quarterly GDP estimate for the third quarter (October-December), 2018-19 (Q3 of 2018-19) will be on 28.02.2019.

STATEMENT 1: First Advance Estimates of National Income and Expenditures on GDP, 2018-19							
(At 2011- 12 Prices)			(crore)				
(S. No	Item	2016-17	2017-18	2018-19	Percentage change o previous year		
			(PE)	(I st AE)	2017-18	2018	
	Domestic Product						
1	GVA at Basic Prices	1,12,47,629	1,19,76,155	1,28,08,778	6.5	7.0	

2	Net Taxes on Products	9,48,376	10,34,688	11,43,071	9.1	10.5	
3	GDP (1+2)	1,21,96,006	1,30,10,843	1,39,51,849	6.7	7.2	
4	NDP	1,08,26,074	1,15,52,178	1,23,91,773	6.7	7.3	
	Final Expenditures						
5	PFCE	68,12,334	72,59,098	77,26,295	6.6	6.4	
6	GFCE	12,62,124	13,99,695	15,28,183	10.9	9.2	
7	GFCF	37,97,875	40,87,557	45,85,787	7.6	12.2	
8	CIS	90,256	94,320	99,806	4.5	5.8	
9	VALUABLES	1,59,735	2,53,624	2,72,619	58.8	7.5	
10	Exports of Goods and Services	24,89,079	26,27,923	29,45,401	5.6	12.1	
11	Less Imports of Goods and Services	26,11,628	29,34,879	33,55,573	12.4	14.3	
12	Discrepancies	1,96,232	2,23,504	1,49,331			
13	GDP	1,21,96,006	1,30,10,843	1,39,51,849	6.7	7.2	
	RATES TO GDP						
14	PFCE	55.9	55.8	55.4			
15	GFCE	10.3	10.8	11.0			
16	GFCF	31.1	31.4	32.9			
17	CIS	0.7	0.7	0.7			
18	VALUABLES	1.3	1.9	2.0			
19	Exports of Goods and Services	20.4	20.2	21.1			
20	Less Imports of Goods and Services	21.4	22.6	24.1			
21	Discrepancies	1.6	1.7	1.1			
22	GDP	100.0	100.0	100.0			
23	GNI	1,20,51,525	1,28,64,227	1,38,03,895	6.7	7.3	
24	NNI	1,06,81,594	1,14,05,563	1,22,43,820	6.8	7.3	
Per Capita Income, Product and Final Consumption							
25	Population* (in million)	1299	1316	1332	1.3	1.2	

26	Per Capita GDP ()	93,888	98,867	1,04,744	5.3	5.9	
27	Per Capita GNI ()	92,775	97,752	1,03,633	5.4	6.0	
28	Per Capita NNI()	82,229	86,668	91,921	5.4	6.1	
29	Per Capita PFCE()	52,443	55,160	58,005	5.2	5.2	
* Relates to mid-financial year							

PE: Provisional Estimates; AE: Advance Estimates

STATEMENT 2: First Advance Estimates of National Income and Expenditures on GDP, 2018-19							
	(Current Prices)		(crore)				
S.No	Item	2016-17	2017-18	2018-19	Percentage change previous year		
			(PE)	(1 st AE)	2017-18	2018-19	2019-20
	Domestic Product						
1	GVA at Basic Prices	1,38,41,591	1,51,82,371	1,69,61,365	9.7	11.7	
2	Net Taxes on Products	14,12,122	15,90,774	18,79,366	12.7	18.1	
3	GDP (1+2)	1,52,53,714	1,67,73,145	1,88,40,731	10.0	12.3	
4	NDP	1,36,68,987	1,50,34,912	1,68,98,820	10.0	12.4	
	F i n a l Expenditures						
5	PFCE	90,04,904	99,14,401	1,09,98,553	10.1	10.9	
6	GFCE	16,63,836	19,08,420	21,70,473	14.7	13.7	
7	GFCF	43,52,498	47,78,894	55,57,912	9.8	16.3	
8	CIS	1,00,152	1,07,033	1,16,841	6.9	9.2	
9	VALUABLES	1,76,447	2,52,142	2,56,933	42.9	1.9	
10	Exports of Goods and Services	29,46,243	31,94,507	37,27,937	8.4	16.7	
11	Less Imports of Goods and Services	32,08,505	36,94,286	43,87,991	15.1	18.8	
12	Discrepancies	2,18,138	3,12,033	4,00,072			
13	GDP	1,52,53,714	1,67,73,145	1,88,40,731	10.0	12.3	
	RATES TO GDP						
14	PFCE	59.0	59.1	58.4			

15	GFCE	10.9	11.4	11.5			
16	GFCF	28.5	28.5	29.5			
17	CIS	0.7	0.6	0.6			
18	VALUABLES	1.2	1.5	1.4			
19	Exports of Goods and Services	19.3	19.0	19.8			
20	Less Imports of Goods and Services	21.0	22.0	23.3			
21	Discrepancies	1.4	1.9	2.1			
22	GDP	100.0	100.0	100.0			
23	GNI	1,50,77,384	1,65,87,278	1,86,44,811	10.0	12.4	
24	NNI	1,34,92,657	1,48,49,045	1,67,02,900	10.1	12.5	
25	GNDI	1,54,56,822	1,69,83,715	1,90,55,531	9.9	12.2	
26	NNDI	1,38,72,095	1,52,45,482	1,71,13,621	9.9	12.3	
Per Capita Income, Product and Final Consumption							
27	Per Capita GDP()	1,17,427	1,27,456	1,41,447	8.5	11.0	
28	Per Capita GNI ()	1,16,069	1,26,043	1,39,976	8.6	11.1	
29	Per Capita NNI ()	1,03,870	1,12,835	1,25,397	8.6	11.1	
30	Per Capita GNDI()	1,18,990	1,29,056	1,43,060	8.5	10.9	
31	Per Capita PFCE()	69,322	75,337	82,572	8.7	9.6	

PE: Provisional Estimates; AE: Advance Estimates

STATEMENT 3:First Advance Estimates of GVA at Basic Price by Economic Activity						
(At 2011-12 Prices)						
(crore)						
Industry	2016-17	2017-18 (PE)	2018-19 (1 st AE)	Percentage change previous year		
				2017-18	2018-19	
1. Agriculture, Forestry &Fishing	17,16,746	17,74,573	18,42,873	3.4	3.8	
2. Mining &Quarrying	3,71,066	3,81,965	3,85,135	2.9	0.8	
3. Manufacturing	20,48,711	21,66,267	23,46,216	5.7	8.3	
4. Electricity, Gas, Water Supply& other Utility Services	2,44,934	2,62,496	2,87,109	7.2	9.4	
5. Construction	8,78,110	9,28,484	10,11,322	5.7	8.9	

6. Trade, Hotels, Transport, Communication and Services related to Broadcasting	21,37,102	23,07,684	24,67,622	8.0	6.9	
7. Financial, Real Estate & Professional Services	24,37,857	25,99,927	27,75,970	6.6	6.8	
8. Public Administration, Defence and other Services	14,13,103	15,54,759	16,92,530	10.0	8.9	
GVA at Basic Price	1,12,47,629	1,19,76,155	1,28,08,778	6.5	7.0	

PE: Provisional Estimates; AE: Advance Estimates

STATEMENT 4: First Advance Estimates of GVA at Basic Price by Economic Activity

(At Current Prices)

(crore)						
Industry	2016-17	2017-18 (PE)	2018-19 (1 st AE)	Percentage change over previous year		
				2017-18	2018-19	
1. Agriculture, Forestry & Fishing	24,84,005	25,94,729	26,92,433	4.5	3.8	
2. Mining & Quarrying	3,32,947	3,74,689	4,57,301	12.5	22.0	
3. Manufacturing	23,29,220	25,30,311	28,53,986	8.6	12.8	
4. Electricity, Gas, Water Supply & other Utility Services	3,63,482	3,87,694	4,52,683	6.7	16.8	
5. Construction	10,28,463	11,18,946	12,78,617	8.8	14.3	
6. Trade, Hotels, Transport, Communication and Services related to Broadcasting	25,21,813	28,09,748	31,57,709	11.4	12.4	
7. Financial, Real Estate & Professional Services	28,57,322	31,64,547	35,55,780	10.8	12.4	
8. Public Administration, Defence and other Services	19,24,339	22,01,707	25,12,857	14.4	14.1	
GVA at Basic Price	1,38,41,591	1,51,82,371	1,69,61,365	9.7	11.7	

PE: Provisional Estimates; AE: Advance Estimates

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