Quarterly Statistical Bulletin

Review of Fertilizer and Agriculture Situation

(For FAI members only)

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I. Review of 2021-22

1.0 Fertilizer Scenario – 2021-22 (April/March)

The year marked a beginning with adequate inventory of fertilizers in different distribution channels. Weather was normal during monsoon period though there were issues of distribution and timing of rains in some areas. Sown area under *kharif* corps was marginally low but in *rabi*, it was high. Surge in the prices of raw materials and finished fertilizers in the international market since the beginning of the year, resulted in fall in imports and domestic production, particularly of P&K fertilizers. The details of production, import and sale (DBT) are narrated below.

1.1 Production

During 2021-22 (April/March), production of all major fertilizers increased except NP/NPK complex fertilizers. Production of urea at 25.08 million metric tonnes (million MT), DAP at 4.22 million MT and SSP at 5.35 million MT increased by 1.9%, 11.8% and 8.8%, respectively, during 2021-22 over 2020-21. However, production of NP/NPK complex fertilizers at 8.31 million MT witnessed a decline of 10.9% during the period.

1.2 Import

Except DAP, import of all major fertilizers declined during 2021-22. Import of urea at 9.14 million MT, MOP at 2.46 million MT and NP/NPKs at 1.17 million MT registered sharp decline of 7.1%, 41.8% and 15.8%, respectively, over 2020-21. However, import of DAP at 5.46 million MT increased by 11.9% during the period.

1.3 Sale (DBT)

DBT sale (sale by retailers) of all major fertilizers, except SSP, showed negative growth during 2021-22 over 2020-21. Sale of urea at 34.18 million MT, DAP at 9.27 million MT, NP/NPKs at 11.48 million MT and MOP at 2.46 million MT declined by 2.5%, 22.2%, 2.8% and 28.3%, respectively, during 2021-22 over 2020-21. However, sale of SSP at 5.68 million MT recorded an increase of 26.6% during the period. **Table 1** shows production, import and sale of major fertilizers during 2020-21 and 2021-22 (April/March).

Table 1: Production, Import and Sale of Major Fertilizers 2020-21 and 2021-22 (April/March)

	Urea	DAP	NP/NPKs	SSP	MOP
I. Production (Million MT)					
2020-21	24.60	3.77	9.33	4.92	-
2021-22 (P)	25.08	4.22	8.31	5.35	-
± % in 2021-22 over 2020-21	1.9	11.8	-10.9	8.8	-
II. Import (Million MT)					
2020-21	9.83	4.88	1.39	-	4.23
2021-22 (P)	9.14	5.46	1.17	-	2.46
± % in 2021-22 over 2020-21	-7.1	11.9	-15.8	-	-41.8
III. Sale# (Million MT)					
2020-21	35.04	11.91	11.81	4.49	3.42*
2021-22 (P)	34.18	9.27	11.48	5.68	2.46*
± % in 2021-22 over 2020-21	-2.5	-22.2	-2.8	26.6	-28.3

* MOP for direct application. # = DBT sale. (P) = Provisional.

2.0 Natural Gas Availability

Production of natural gas from existing fields has been declining. Increased demand for gas is fulfilled through higher imports of LNG. **Table 2** shows trends in production, import and consumption of natural gas during 2014-15 to 2020-21 (April/March) and 2021-22 (April/Feb.).

Table 2: Trends in Natural Gas availability in India

(in Billion cubic meter)

Item	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22 (April/Feb.)
Production (Net availability)[1]	32.69	31.13	30.85	31.73	32.06	30.26	27.78	30.32
LNG import (Long term, spot)	18.61	21.39	24.85	27.44	28.74	33.89	33.03	29.29
Consumption (Net production + LNG import)	51.30	52.52	55.70	59.17	60.80	64.14	60.82	59.61

[1] = Net production is derived by deducting gas flared and loss from gross production by producing companies.

Source: Petroleum Planning & Analysis Cell, Ministry of Petroleum & Natural Gas, Government of India.

As a result of lower production of domestic gas, its supply to fertilizer plants has been declining. This has made fertilizer plants more and more dependent on imported LNG. Share of domestic gas to fertilizer plants declined significantly from 76% in 2012-13 to 23.7% in 2020-21. As per the latest estimates, it has further declined to around 18% during 2021-22.

3.0 Crop Situation

3.1 Crop Area Sown – Rabi 2021-22

As per the 2nd advance estimates of *rabi* crops, total sown area under all *rabi* crops 2021-22 was 66.42 million hectare (Mha) compared to 65.26 Mha during *rabi* 2020-21. Area coverage during *rabi* 2021-22 was 1.8% higher over *rabi* 2020-21. Among the principal crops, area covered under food grain and oilseeds increased by 0.1% and 14%, respectively, during the period. Sown area under food grain crops, such as, wheat, rice and coarse cereals declined by 0.6%, 3.9% and 10%, respectively, during the period. However, sown area under pulses increased by 6.5%. The coverage under *rabi* crops in 2021-22 is shown in **Table 3**.

Table 3: All India *Rabi* Crop Situation – 2021-22 and 2020-21					
Crop	Normal *rabi area* (Mha)	Area sown during *rabi* (Mha)		± area in *rabi* 2021-22 over 2020-21	
		2020-21 (Final Estimate)	2021-22 (2nd Adv. estimate)	Mha	%
Wheat	30.306	31.125	30.946	-0.179	-0.6
Rice	4.251	5.411	5.202	-0.209	-3.9
Coarse cereals	5.605	5.465	4.921	-0.544	-10.0
Total pulses	14.667	15.353	16.344	0.991	6.5
Total food grains	54.829	57.353	57.413	0.060	0.1
Total oilseeds	7.391	7.901	9.007	1.106	14.0
All Crops	**62.220**	**65.255**	**66.420**	**1.165**	**1.8**
Note: Totals may not exactly tally due to rounding of figures.					

3.2 Production of Food Grains and Commercial Crops - 2021-22

Government of India has released second advance estimates for production of food grain and other principal crops for 2021-22. Total food grain production for 2021-22 is estimated to be 316.06 million MT, about 5.32 million MT (1.7%) higher than the previous year's level. Production of rice, wheat and pulses are estimated to increase by 2.9%, 1.6% and 5.9%, respectively, during 2021-22 over 2020-21. However, production of coarse cereals is estimated to decline by 2.8% during the period. Production of oilseeds, sugarcane and jute & mesta are estimated to increase by 3.3%, 2.1% and 2.3%, respectively, during the period. However, production of cotton is estimated to decline by 3.4% during the period. **Table 4** shows details of the production of principal crops in 2021-22 and compares with 2020-21.

Table 4. Estimated Production of Principal Crops in 2020-21 and 2021-22 (Million MT)				
Crops	2020-21	2021-22 (2nd Advance est.)	± in 2021-22 over 2020-21	
			Million MT	±%
Rice	124.37	127.93	3.56	2.9
Wheat	109.59	111.32	1.73	1.6
Coarse cereals	51.32	49.86	-1.46	-2.8
Pulses	25.46	26.96	1.50	5.9
Total food grains	**310.74**	**316.06**	**5.32**	**1.7**
Total oilseeds	35.95	37.15	1.20	3.3
Sugarcane	405.40	414.04	8.64	2.1
Cotton #	35.25	34.06	-1.19	-3.4
Jute & mesta $	9.35	9.57	0.22	2.3
# = Million bales of 170 kg each. $ = Million bales of 180 kg each.				

4.0 Procurement, Stock and Exports of Food grains

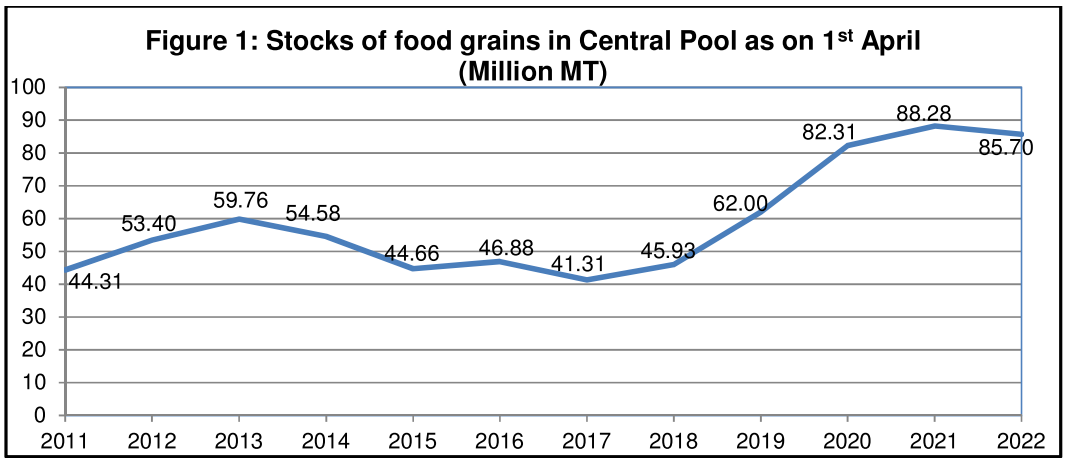
4.1 Procurement

All India procurement of rice for *kharif* marketing season (KMS) 2021-22 is under progress. It was 50.79 million MT upto 20th April, 2022. The procurement of rice was highest in Punjab at about 12.55 million MT, followed by Chhattisgarh 6.17 million MT, Telangana 4.60 million MT, Uttar Pradesh 4.39 million MT, Odisha 3.89 million MT, Haryana 3.71 million MT, Madhya Pradesh 3.07 million MT, Bihar 3.01 million MT, Andhra Pradesh 2.83 million MT, Tamil Nadu 2.19 million MT and West Bengal 1.50 million MT. The procurement was less than 1 million MT in the remaining rice growing states.

All India procurement of wheat for *rabi* marketing season 2022-23 is under progress. It was only 10.98 million MT up to 20th April, 2022. Out of 10.98 million MT of wheat, procurement in Punjab was 5.53 million MT, followed by Haryana 3.24 million MT and Madhya Pradesh 2.16 million MT. The procurement was less than 1 million MT in the remaining wheat growing states.

4.2 Food Grain Stock

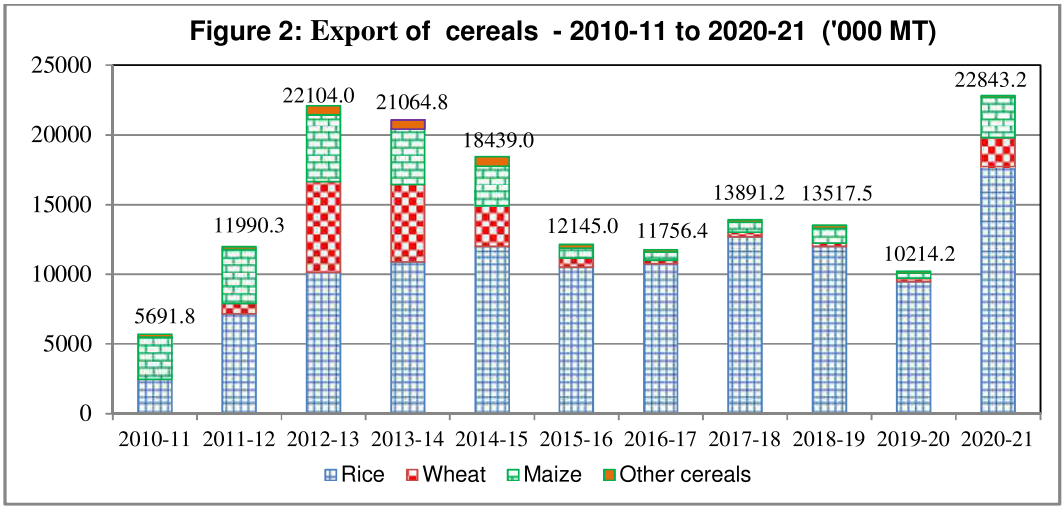
Total stock of food grains in Central Pool improved considerably at the beginning of the year 2019-20. Way back in 2011 (As on 1st April), stock of food grains was 44 million MT which increased to 53 million MT in 2012 and about 60 million MT in 2013. It went down during subsequent years and reduced to 41 million MT in 2017. It moved up at 46 million MT in 2018, 62 million MT in 2019 and increased considerably to 82 million MT in 2020 and then to about 88 million MT in 2021. In 2022, it is pegged at 86 million MT. **Figure 1** shows the changes in stock of food grains in Central Pool as on 1st April for last twelve-year period.



4.3 Exports

Figure 2 shows export of cereals during 2010-11 to 2020-21. During the past eleven-year period, export of cereals was high in 2012-13 at 22 million MT. Thereafter, it came down consistently with some improvement noticed in 2017-18, followed by marginal decline in 2018-19 and 2019-20. Export of cereals was 10.21 million MT during 2019-20 as against 13.52 million MT in 2018-19. During 2020-21, it once again increased significantly and touched to 22.84 million MT. Out

of 22.84 million MT of cereals exported in 2020-21, rice accounted for 17.72 million MT, wheat 2.09 million MT, maize 2.88 million MT and other cereals 0.15 million MT.



Similarly, during the year 2021-22, export of cereals upto February 2022 was all time high at 29.34 million MT. Out of 29.34 million MT of cereals, export of rice accounted for 19.10 million MT, wheat 6.67 million MT, maize 3.42 million MT and other cereals 0.15 million MT.

5.0 Index of Eight Core Industries for April/February 2021-22

The Office of Economic Adviser, Department for Promotion of Industry and Internal Trade released Index of Eight Core Industries (Base: 2011-12=100) for the month of February, 2022 and April-February 2021-22 on 31st March, 2022.

Among the eight core industries, except crude oil and fertilizers, production index of all other industries showed increase during April/February 2021-22 over April/February 2020-21. Cumulative index of crude oil and fertilizers declined by 2.6% and 0.4%, respectively, during the period. However, cumulative index of coal, natural gas, refinery products, steel, cement and electricity increased by 9.8%, 20.5%, 9.2%, 18.4%, 22.4% and 8.1%, respectively, during April/February 2021-22 over corresponding period of the previous year. Overall increase in production index was 11% during April/February 2021-22 over April/February 2020-21. The performance of eight core industries during past 5-years is given in **Table 5.**

Table 5: Performance of Eight Core Industries
(2015-16 to 2020-21 and April/February 2021-22)
(Base year 2011-12 = 100)

(Per cent)

Sector	Weight	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	April-Feb. 2020-21	April-Feb. 2021-22
Coal	10.3335	4.8	3.2	2.6	7.4	-0.4	-1.9	-2.2	9.8
Crude Oil	8.9833	-1.4	-2.5	-0.9	-4.1	-5.9	-5.2	-5.4	-2.6
Natural Gas	6.8768	-4.7	-1.0	2.9	0.8	-5.6	-8.2	-9.9	20.5
Refinery Products	28.0376	4.9	4.9	4.6	3.1	0.2	-11.2	-12.2	9.2
Fertilizers	2.6276	7.0	0.2	0.03	0.3	2.7	1.7	2.2	-0.4
Steel	17.9166	-1.3	10.7	5.6	5.1	3.4	-8.7	-11.8	18.4
Cement	5.3720	4.6	-1.2	6.3	13.3	-0.9	-10.8	-14.9	22.4
Electricity	19.8530	5.7	5.8	5.3	5.2	0.9	-0.5	-2.4	8.1
Overall Growth	**100**	**3.0**	**4.8**	**4.3**	**4.4**	**0.4**	**-6.4**	**-8.1**	**11.0**

Source: Office of the Economic Adviser, Department for Promotion of Industry and Internal Trade, Ministry of Commerce & Industry, Government of India.

6.0 Second Advance Estimates of National Income for 2021-22

The National Statistical Office (NSO), Ministry of Statistics and Programme Implementation released a press note on Second Advance Estimates of national income 2021-22 on 28th February, 2022.

6.1 Gross Domestic Product (GDP)

GDP at Constant Prices (2011-12) as per the 2nd advance estimates for 2021-22 is estimated at Rs.147.72 lakh crore as against the final revised estimate of Rs.135.58 lakh crore for 2020-21. The growth in GDP during 2021-22 is estimated at 8.9% as compared to the contraction of 6.6% in 2020-21.

6.2 Gross Value Added (GVA) at Basic Prices

GVA at basic prices is estimated at Rs. 136.25 lakh crore in 2021-22 as against Rs. 125.85 lakh crore in 2020-21, showing a growth of 8.3%. All sectors showed positive growth during the year. Sector-wise details are given in **Table 6.**

Table 6: Second Advance Estimates of GVA at Basic Prices by Economic Activities 2019-20 to 2021-22 (at 2011-12 Prices)

Sector	GVA at basic price (Rs. crore)			± % change over previous year	
	2019-20	2020-21 (FRE)	2021-22 (2nd AE)	2020-21	2021-22
1. Agriculture, Forestry & Fishing	19,82,303	20,48,032	21,15,040	3.3	3.3
2. Mining & Quarrying	3,21,766	2,94,024	3,30,945	-8.6	12.6
3. Manufacturing	22,61,294	22,47,740	24,83,143	-0.6	10.5
4. Electricity, Gas, Water Supply & other Utility Services	3,00,675	2,89,771	3,12,264	-3.6	7.8
5. Construction	10,38,680	9,62,835	10,58,642	-7.3	10.0
6. Trade, Hotels, Transport, Communication and Services related to Broadcasting	26,89,726	21,47,679	23,97,525	-20.2	11.6
7. Financial, Real Estate & Professional Services	28,97,393	29,61,910	30,89,768	2.2	4.3
8. Public Administration, Defence and other Services	17,27,639	16,33,081	18,37,372	-5.5	12.5
GVA at Basic Prices	**1,32,19,476**	**1,25,85,074**	**1,36,24,699**	**-4.8**	**8.3**
Net Taxes on Products	*12,96,482*	*9,73,400*	*11,46,981*	*-24.9*	*17.8*
GDP	**1,45,15,958**	**1,35,58,473**	**1,47,71,681**	**-6.6**	**8.9**

FRE = First revised estimates. AE = Advance estimates.

Source: Press Note on *Second Advance Estimates of National Income 2021-22*, National Statistical Office, Ministry of Statistics & Programme Implementation, Government of India.

II. Prospects for 2022-23

1.0 Rainfall

1.1 Pre monsoon 2022

Pre monsoon rainfall from 1st March to 28th April, 2022 was 32% below normal. Actual rainfall for the country as a whole was 45.4 mm as against normal of 66.3 mm during the period. Among 36 meteorological sub-divisions, only 12 received normal to excess rains and remaining 24 received deficient rains. Out of 694 reported districts, only 24 per cent districts received normal to excess rains during the period.

1.2 Prospects of Southwest monsoon 2022

India Meteorological Department (IMD) released its 1st stage long rang forecasts for the 2022 Southwest monsoon season rainfall on 14th April 2022. According to IMD, rainfall during

Southwest monsoon 2022 is most likely to be normal (96-104% of Long Period Average). It is expected that the forecast of normal monsoon for the fourth consecutive year may remain good for the farm economy. IMD will issue the updated forecasts in the last week of May 2022 as a part of the second stage forecast.

1.3 Water Reservoirs

Total live storage capacity in 140 reservoirs in the country is 175.96 BCM. Live storage available in these reservoirs was 65.32 BCM as on 28th April, 2022 as against 60.22 BCM on the same date of the previous year. Live storage during the period was 108% of the last year and 128% of the normal storage.

1.4 Crop Prospects

With the prediction of normal monsoon and comfortable water availability in the reservoirs for *kharif* sowing, prospects of *kharif* crops seem to be bright this year. As per the latest information till 22nd April, 2022, sown area of summer crops at 6.41 Mha was 6.9 per cent higher than last year. Area under pulses increased by 52.7 per cent and oilseeds by 3.5 per cent during the period. However, sown area under rice declined by 5.7% during the period.

2.0 Union Budget 2022-23

2.1 Agriculture

The Budget 2022-23 continues to maintain increased focus on agriculture. The budget aims at boosting farmer's income and the viability of agriculture as a remunerative economic activity. The Government intends to pay Rs 2.37 lakh crore this year as direct payment for minimum support price for wheat and paddy to ensure assured income to the farmers. Deploying drones for agriculture monitoring, crop assessment, digitisation of land records and spraying of insecticides and nutrients; implementation of rationalized and comprehensive scheme to increase domestic production of oilseeds; execution of Ken-Betwa Link project to provide irrigation benefits to more than 0.9 Mha of agricultural land are a few measures announced in the budget with the objective to enhance the productivity and efficiency of the sector.

Besides this, in the International Year of Millets 2022-23, the Government has made provision for supporting post-harvest value addition and branding millet products nationally and internationally. This will aid in boosting production, domestic consumption and exports of millets.

2.2 Fertilizer Subsidy

In the Union Budget 2022-23, Government allocated Rs. 1,05,222 crores to fertilizer subsidy for 2022-23. Details on allocation of fertilizer subsidy for 2022-23 are given in **Table 7**.

Table 7: Fertilizer Subsidy – Budget provision and actual

(Rs. Crore)

Item	2020-21 (Actual)	2021-22 (Budget)	2021-22 (Revised)	2022-23 (Budget)
Urea Subsidy				
- Payment for Indigenous Urea	68,807.41	43,236.28	48,612.00	46,596.78
- Payment for Import of Urea	25,049.62	19,550.00	36,250.40	20,590.00
- Direct Benefit Transfer(DBT) in Fertilizer Subsidy	9.96	11.40	27.92	15.54
- Recovery	-3,317.72	-4,030.00	-8,960.00	-3,980.00
Net	***90,549.27***	***58,767.68***	***75,930.32***	***63,222.32***
Nutrient Based Subsidy				
- Payment for Indigenous P and K Fertilizers	22,288.36	12,460.00	39,062.66	25,200.00
- Payment for Imported P and K Fertilizers	15,015.37	8,260.00	25,087.34	16,800.00
- Payment for City Compost	68.74	42.00	42.00	-
Total- Nutrient Based Subsidy	***37,372.47***	***20,762.00***	***64,192.00***	***42,000.00***
Total Subsidy	**1,27,921.74**	**79,529.68**	**1,40,122.32**	**1,05,222.32**

Source: Union Budget – 2022-23.

However, there has been continuous increase in the prices of raw materials and finished fertilizers in the international market. Keeping in view, Government of India notified higher Nutrient Based Subsidy (NBS) rates for P&K fertilizers for *Kharif* season 2022 (from 1st April to 30th September, 2022) on 27th April, 2022. Government approved Rs. 60,939 crores subsidy for P&K fertilizers only for *Kharif* 2022. Requirement of subsidy on Urea will also go up due to high prices of domestic gas as well as imported LNG. Thus requirement of fertilizer subsidy for the full year 2022-23 will be substantially higher than budget allocation. However, industry remains positive that Government will allocate additional funds through supplementary grants.

3.0 Policy Developments

3.1 Nutrient Based Subsidy rates for P & K fertilizers for Kharif 2022, under NBS Scheme

The Department of Fertilizers (DoF), Ministry of Chemicals & Fertilizers issued a notification on 27th April, 2022 regarding nutrient based subsidy rates for P&K fertilizers for *kharif* 2022 (from 1st April, 2022 upto 30th September, 2022). The rates of NBS per kg of nutrient for *kharif* 2022 compared with *rabi* 2021-22 are given in the following Table.

Nutrient	NBS (Rs. per kg of nutrient)		Increase (Rs/kg of nutrient)
	Rabi 2021-22	*Kharif* 2022	
N	18.789	91.96	73.171
P	45.323	72.74	27.417
K	10.116	25.31	15.194
S	2.374	6.94	4.566

The per MT subsidy rates for DAP, MOP and SSP for *kharif* 2022 compared with *rabi* 2021-22 are given in the following Table.

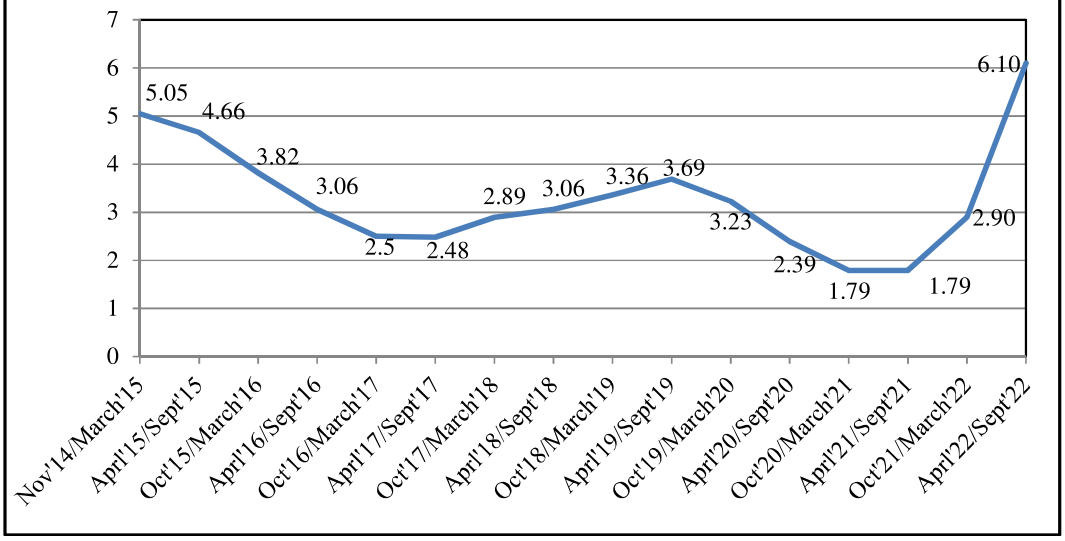
Fertilizer	Subsidy (Rs. per tonne of product)		Increase (Rs/tonne of product)
	Rabi 2021-22	*Kharif* 2022	
DAP	33,000	50,013	17,013
MOP	6,070	15,186	9,116
SSP	7,513	7,513	-

The per MT subsidy rates on NP/NPK fertilizers have been increased accordingly of various grades. However, per tonne additional subsidy for fortified fertilizers with boron and zinc continued and remained unchanged at Rs. 300 and Rs. 500, respectively. A copy of the notification showing NBS rates for all P & K fertilizers for *kharif* 2022 is attached as ***Annex I***.

3.2 Domestic Natural Gas Price for the period April/September 2022

Domestic natural gas price for the current period, i.e., April-September 2022 has been increased to US$ 6.10 per MMBTU from US$ 2.90 per MMBTU during the previous period, i.e., October-December 2021. **Figure 3** shows changes in domestic gas prices from November 2014 onwards. The gas price ceiling for Deepwater, high pressure-high temperature areas also increased from US$ 6.13 per MMBTU during October-December 2021 to US$ 9.92 per MMBTU during April-September 2022 on gross calorific value basis.

Figure 3: Domestic natural gas prices on Gross Calorific Value basis (US$/MMBTU)



3.3 Revised rates for the direct movement of fertilizers by road from Plant/Port upto 500 kms

DoF issued a notification on the subject mentioned above on 6th April, 2022. As per the notification, DoF notified the escalated/de-escalated slab-wise rates in respect of primary freight for direct movement of fertilizers upto 500 kms from plant/port to block at normative rates for 2015-16 to 2020-21. It has also directed that primary freight for direct road movement of fertilizers (upto 500 kms) shall be paid at lower of (i) freight amount calculated for the month based on the slab rates as indicated or (ii) the actual expenditure incurred by the company during the month, duly certified by company's statutory auditors. A copy of the notification is attached as ***Annex II***.

3.4 Road freight rates for Urea manufacturing importing units under the Uniform Freight Subsidy schemes

DoF issued a notification on the subject mentioned above on 6th April, 2022. As per the notification, DoF notified the escalated/de-escalated secondary freight rates for urea for financial years 2016-17 (revised) and from 2017-18 to 2020-21. The details are given in ***Annex III***.

* * * * *

ANNEX - I

No. 23011/22/2021-P&K
Government of India
Department of Fertilizers

Shastri Bhawan , New Delhi.
Dated 27th April, 2022

Notification

Subject: Nutrient Based Subsidy (NBS) rates for Phosphatic and Potassic (P&K) fertilizers for Kharif 2022-23 (from 1st April, 2022 upto 30th September, 2022) under NBS Scheme.

Government of India has approved the per kg subsidy on nutrients, namely Nitrogen (N), Phosphate (P), Potash (K) and Sulphur (S) contained in P&K fertilizers covered under the NBS Policy for Kharif-2022, applicable w.e.f. 01.04.2022 to 30.09.2022, as under:

S. No	Nutrients	NBS Rates (₹ per kg of Nutrient)
1	N	91.96
2	P	72.74
3	K	25.31
4	S	6.94

2. Product-wise subsidy on various grades of P&K fertilizers covered under Fertilizer Control Order (FCO), 1985 as amended from time to time and applicable from 01.04.2022 to 30.09.2022, under NBS Scheme, shall be as under:

S. No.	Name of Fertilizers	Subsidy (in ₹ / MT)
1	DAP 18-46-0-0	50013
2	MOP 0-0-60-0	15186
3	SSP 0-16-0-11	7513**
4	NPS 20–20–0-13	33842
5	NPK 10–26–26-0	34689
6	NP 20-20-0-0	32940
7	NPK 15–15–15	28502
8	NP 24-24-0-0	39528
9	AS 20.5-0-0-23	20448
10	NP 28–28–0-0	46116
11	NPK 17–17–17	32302
12	NPK 19–19–19	36102
13	NPK 16-16-16-0	30402
14	NPS 16-20-0-13	30164
15	NPK 14–35–14	41877
16	NPS 24:24-0-8*	39528

17	MAP 11-52-0-0	47940
18	TSP 0-46-0-0	33460
19	NPK 12–32–16	38362
20	NPK 14–28–14	36785
21	NPKS 15-15-15-09	29126
22	NP 14-28-0-0	33242
23	NPK 8-21-21	27947
24	NPK 9-24-24	31808
25	PDM (0:0:14.5:0)	1467**

* Subsidy on Sulphur not included

** Subsidy capped in terms of Cabinet decision dated 27.04.2022 on note dated 26.04.2022 (CD-192/2022).

3. Any variant of the subsidized P&K fertilizers covered under NBS Scheme and are fortified/ coated with Boron and Zinc, as provided for under FCO, will continue to be eligible for subsidy. Such fortified/ coated grades of fertilizers will attract an additional per MT subsidy to encourage their application along with primary nutrients as per the rates mentioned below:

S.No.	Nutrients for fortification as per FCO	Additional subsidy for fortified/ coated fertilizers over and above the rates indicated in para 3 above (₹/MT)
1	Boron (B)	300
2	Zinc (Zn)	500

4. In order to examine the reasonableness of MRPs of P&K fertilizers, the fertilizer companies will continue to submit the certified cost data as per the extant guidelines of reasonableness of MRP of P&K fertilizers. The fertilizer companies will also report MRP of P&K fertilizers regularly to DOF. The profit earned above the reasonable profit will be treated as unreasonable and will be recovered from the subsidy bills of such companies.

5. The P&K fertilizer companies will ensure that the MRP of various grades of P&K fertilizers be maintained in accordance with the subsidy rates as notified and sell through their retailers accordingly.

6. The fertilizer companies are required to print Maximum Retail Price (MRP) along with applicable subsidy on the fertilizer bags clearly. Any sale above the printed MRP will be punishable under the Essential Commodities (EC) Act, 1955.

7. The distribution and movement of fertilizers along with import of finished fertilizers, fertilizer inputs and production by indigenous units will continue to be monitored through the online web based "Integrated Fertilizer Monitoring System (iFMS)".

8. The guidelines for inclusion of SSP in freight subsidy regime and Fertilizer Movement / Supply Plan on pilot basis for Kharif-2022 will be issued separately.

9. Manufacturers/ Marketers/ Importers of P&K fertilizers, including manufacturers of SSP, are required to ensure that fertilizers are transported up to the retail point.

10. There would be no separate subsidy on sale of customized fertilizers and mixture fertilizers.

11. The payment of subsidy to the manufacturers/ importers of P&K fertilizers shall be released as per the procedure and terms and conditions mentioned in the Department Notification No. D(FA)/ CCEA/2011 dated 25.10.2012 and D(FA)/2016/DBT dated 17.03.2017 and subsequent notifications, as issued & amended from time to time.

12. This issues with the approval of the Competent Authority.

13. Hindi version will follow.

(Aparna S. Sharma)
Joint Secretary
Tel: 23381294

To,

1. Secretary (Agriculture), DA&FW, Krishi Bhawan, New Delhi.
2. Secretary (Expenditure), Department of Expenditure, North Block, New Delhi.
3. Secretary (NITI Aayog), Yojana Bhawan, New Delhi.
4. Joint Secretary, Prime Minister's Office, South Block, New Delhi.
5. Joint Secretary (Cabinet), Cabinet Secretariat, Rashtrapati Bhawan, New Delhi.
6. Joint Secretary (INM), DA&FW, Krishi Bhawan, New Delhi.
7. Joint Secretary (PF-II), Department of Expenditure, North Block, New Delhi.
8. Joint Secretary (NA), Department of Fertilizers, New Delhi.
9. Executive Director, FICC, Department of Fertilizers, New Delhi.
10. Chief Controller of Accounts, Department of Fertilizers, New Delhi.
11. Director(P&K), Department of Fertilizers, New Delhi.
12. Director (Finance)/Director(Budget), Department of Fertilizers, New Delhi.
13. DS, PMO, South Block, New Delhi
14. Director (Movement), Department of Fertilizers, New Delhi.
15. Director (Fertilizer Subsidy), Department of Fertilizers, New Delhi.
16. DDG, NIC, Department of Fertilizers– To upload on website and other digital platforms
17. Director General, FAI, New Delhi.
18. All Urea Manufacturers and P&K Fertilizer Manufacturers & importers.

Copy to:

1. Chief Secretaries of the State Governments/ UTs.

2. Commissioners/Directors, Commissionerate / Directorate of Agriculture of the State Governments/ UTs.

Copy also to:

1. PS to Hon'ble Minister (C&F)
2. PS to Hon'ble MOS (C&F)
3. PS to Secretary (Fertilizers)
4. AD (OL), Hindi Cell, Department of Fertilizers – For translation in Hindi
5. SO(IT), Department of Fertilizers - For uploading the same on the Department's website.
6. Guard File

ANNEX - II

No. 12012/9/2007-FPP (Pt. I)
Government of India
Ministry of Chemicals & Fertilizers
Department of Fertilizers

Shastri Bhawan, New Delhi
Dated the 6th April, 2022

To

1. **Chief Secretary of all States/UTs,**
2. **CMD/MDs of all urea manufacturing companies**

Subject: - Revised rates for the direct movement of fertilizers by road from Plant/Port upto 500 Kms.

Sir,

In continuation of this Department's Notification No. 12012/25/2013-FPP dated 17th June, 2016, 4th September, 2017 and 12th March, 2018 on the subject mentioned above, I am directed to notify the escalated/de-escalated slab-wise rates in respect of primary freight for direct road movement of fertilizers upto 500 Kms from plants/ports to block for the years as below:

(Rs. Per MT/Km)

Distance Slab(KM)	Normative Rates (2015-16)	Normative Rates (2016-17) (Revised)	Normative Rates (2017-18)	Normative Rates (2018-19)	Normative Rates (2019-20)	Normative Rates (2020-21)
0-100	4.25	4.52	4.79	5.16	5.08	4.74
101-250	2.71	2.88	3.05	3.29	3.24	3.02
251-350	2.02	2.15	2.28	2.46	2.42	2.26
351-500	1.82	1.94	2.06	2.22	2.19	2.04

2. Primary freight for direct road movement of fertilizers (upto 500 kms) shall be paid at lower of the following: -

(i) Freight amount calculated for the month based on the slab rates indicated above;

OR

(ii) The actual expenditure incurred by the Company during the month, duly certified by company's statutory auditors.

3. The freight subsidy for secondary movement for North-Eastern and hilly States will be paid as per the rates notified vide notification No. 15-05/2009-Ship-I dated 25th October, 2012 till the finalization of study by Tariff Commission.

PTO

4. The primary freight from direct movement from NFL-Nangal unit to the state of Himachal Pradesh upto 500 kms will be paid as per the rates notified vide notification No 12018/1/2014-FPP dated 5th November, 2014 till the finalization of study of Tariff Commission.

5. This issues with the concurrence of Internal Finance Division vide AS&FA Dy. No. 1177 dated 03.04.2022.

Yours sincerely,

(Niranjan Lal)
Director (Fertilizers)
Tel: 23383814

Copy to:

1. Principal Director of Audit, Economic & Service Ministry, AGCR Building, IP Estates, New Delhi.
2. Controller of Accounts, Department of Fertilizers, Janpath Bhawan, New Delhi.
3. Director General, The Fertilizers Association of India, FAI House, 10-Shahidjit Singh Marg, New Delhi-110067.
4. Secretary (TC), Ministry of Commerce and Industry, Tariff Commission, 7th Floor, Lok Nayak Bhawan, New Delhi-110003.
5. JS(NA), JS(AS), JS(KG) & ED, FICC, EA
6. Director (Movement)/Director (FS & DBT)/ Director (Finance)/ Director (P&K)/ Director (PSU and PMI) Jt. Director (CE) (FICC) /Jt. Director (F&A), FICC
7. Director (NIC), D/o Fertilizers- for uploading on the website of the Department.

(Niranjan Lal)
Director (Fertilizers)
Tel: 23383814

ANNEX - III

No. 12012/9/2007-FPP (Pt. I)
Government of India
Ministry of Chemicals & Fertilizers
Department of Fertilizers

Shastri Bhawan, New Delhi
Dated the 6th April, 2022

To

1. **Chief Secretary of all States/UTs,**
2. **CMD/MDs of all urea manufacturing companies**

Subject : - Road freight rates for UREA manufacturing/ importing units under the Uniform Freight Subsidy scheme.

Sir,

In continuation of this Department's notification of even number dated 12th March, 2018 notifying the secondary freight rates for the urea units for financial year 2015-16 & 2016-17, I am directed to notify the escalated/de-escalated secondary freight rates for urea for financial years 2016-17 (revised) and from the years 2017-18 to 2020-21 as per the annexure.

2. However, in case of creation of a new district by division, the freight rate as applicable to that particular (old) district from which it is carved out shall be applicable to such new district. In case of creation of new district from more than one district, the average freight rates of all the old districts shall apply. In respect of the districts mentioned more than once in this Department's Notification dated 1st September, 2011, the entry of district with the lower value will be considered for the purpose of freight subsidy.

3. Freight rates in respect of the following districts, viz., (i) Kurnool (Andhra Pradesh); (ii) East Delhi; (iii) North Delhi; (iv) North-West Delhi; (v) South-West Delhi; (vi) Palwal (Haryana); (vii) Yadgir (Karnatka); (viii) Goa; (ix) Singroli (Madhya Pradesh); (x) Koraput (Odisha) (xi) Baleshwar (Odisha); (xii) Mahe (Pudducherry); (xiii) Budaun (U.P.); (xiv) Chatrapati Sahuji Maharaj Nagar (U.P.); (xv) Daman; (xvi) Baksa (Assam); (xvii) Hailakandi (Assam); (xviii) Kokrajhar (Assam); (xix) Sivasagar (Assam); (xx) Karbi Anglong (Assam) and (xxi) Dima-Hasao (Assam), for which Per Tonne Per Kilometer (PTPK) rates are not available, the matter has been referred to Tariff Commission. However, till the time the PTPK rates for these districts are made available by Tariff Commission, the adhoc rates as prevalent may be taken into account for freight subsidy.

4. Freight subsidy claims on the basis of the above rates may be preferred for the above mentioned period in the prescribed proforma. Freight subsidy amount received by the units on the basis of road transportation ad-hoc rates notified earlier will be adjusted towards final claim.

5. However, these rates are subject to revision on account of audit observations/revision due to any correction in data/working and computation noticed at a later stage.

6. In case of Jammu & Kashmir the rates recommended by Tariff Commission and after escalation for the year 2014-15, 2015-16 & 2016-17 will be applicable for all districts in Jammu as well as Srinagar in J&K. The ad-hoc PTPK transportation rates for Himachal Pradesh, Andaman & Nicobar Islands and North eastern states viz. Arunachal Pradesh,

PTO

Manipur, Meghalaya, Mizoram, Nagaland & Tripura will be continued as notified earlier as per O.M No. 15-05/2009-Ship-I dated 25th October, 2012.

7. The rates in respect of Sikkim (Rs. 7.07 PTPK) will be continued as per notification No. 12012/2/2008-FPP dated 17th March, 2009.

8 The final rates of these states will be notified after receipt of revised study of Tariff Commission.

9. As per the notification of even number dated 17th June, 2016, the reimbursement of secondary freight cost will be allowed on the monthly basis at the lower of:

(i) Normative Per Tonne Per Km (PTPK) rates as notified by Department of Fertilizers from time to time;

OR

(ii) The actual expenditure incurred by the company on secondary freight during the said month, duly certified by company's statutory auditor.

10. This issues with the concurrence of Internal Finance Division vide AS&FA Dy. No. 1177 dated 03.04.2022.

Yours sincerely,

Encl: 'As above'

(Niranjan Lal)
Director (Fertilizers)
Tel: 23383814

Copy to:-

1. Principal Director of Audit, Economic & Service Ministry, AGCR Building, IP Estates, New Delhi.
2. Controller of Accounts, Department of Fertilizers, Janpath Bhawan, New Delhi.
3. Director General, The Fertilizers Association of India, FAI House, 10-Shahidjit Singh Marg, New Delhi-110067.
4. Secretary (TC), Ministry of Commerce and Industry, Tariff Commission, 7th Floor, Lok Nayak Bhawan, New Delhi-110003.
5. JS(NA), JS(AS), JS(KG) & ED, FICC, EA
6. Director (Movement)/Director (FS & DBT)/ Director (Finance)/ Director (P&K)/ Director (PSU and PMI)/ Jt. Director (CE), FICC /Jt. Director (F&A), FICC
7. Director (NIC), D/o Fertilizers- for uploading on the website of the Department.

(Niranjan Lal)
Director (Fertilizers)
Tel: 23383814

Sl. No.	State	Districts	Normative Rates 2015-16	Normative Rates 2016-17 (Revised)	Normative Rates 2017-18	Normative Rates 2018-19	Normative Rates 2019-20	Normative Rates 2020-21
1	Andhra Pradesh	Anantapur	3.84	4.09	4.33	4.67	4.59	4.28
		Chittoor	4.30	4.58	4.85	5.23	5.14	4.80
		East Godavari	2.66	2.83	3.00	3.23	3.18	2.97
		Guntur	2.24	2.38	2.53	2.72	2.68	2.50
		Krishna	2.72	2.89	3.07	3.31	3.25	3.03
		Kurnool	2.11	2.25	2.38	2.56	2.52	2.35
		Prakasam	2.74	2.92	3.09	3.33	3.28	3.06
		SPSR Nellore	3.08	3.28	3.47	3.74	3.68	3.44
		Srikakulam	3.97	4.22	4.48	4.82	4.75	4.43
		Visakhapatnam	3.24	3.45	3.65	3.94	3.88	3.61
		Vizianagaram	3.77	4.01	4.25	4.58	4.51	4.20
		YSR Kadapa	4.60	4.90	5.19	5.59	5.50	5.13
		West Godavari	2.69	2.86	3.03	3.27	3.22	3.00
2	Assam	Barpeta	6.73	7.16	7.59	8.18	8.05	7.51
		Bongaigaon	7.43	7.91	8.38	9.03	8.89	8.29
		Cachar	7.43	7.91	8.38	9.03	8.89	8.29
		Chirang	7.43	7.91	8.38	9.03	8.89	8.29
		Darrang	5.27	5.61	5.94	6.40	6.30	5.88
		Dhemaji	7.43	7.91	8.38	9.03	8.89	8.29
		Dhubri	3.35	3.57	3.78	4.07	4.01	3.74
		Dibrugarh	7.43	7.91	8.38	9.03	8.89	8.29
		Goalpara	3.35	3.57	3.78	4.07	4.01	3.74
		Golaghat	7.43	7.91	8.38	9.03	8.89	8.29
		Jorhat	7.43	7.91	8.38	9.03	8.89	8.29

		Kamrup	7.43	7.91	8.38	9.03	8.89	8.29
		Kamrup Metropolitan	7.43	7.91	8.38	9.03	8.89	8.29
		Karimganj	5.27	5.61	5.94	6.40	6.30	5.88
		Lakhimpur	7.43	7.91	8.38	9.03	8.89	8.29
		Marigaon	5.27	5.61	5.94	6.40	6.30	5.88
		Nagaon	7.43	7.91	8.38	9.03	8.89	8.29
		Nalbari	5.27	5.61	5.94	6.40	6.30	5.88
		Sonitpur	7.43	7.91	8.38	9.03	8.89	8.29
		Tinsukia	7.43	7.91	8.38	9.03	8.89	8.29
		Udalguri	7.43	7.91	8.38	9.03	8.89	8.29
3	**Bihar**	Araria	2.54	2.70	2.86	3.09	3.04	2.83
		Arwal	3.03	3.22	3.42	3.68	3.62	3.38
		Aurangabad	5.27	5.61	5.94	6.40	6.30	5.88
		Banka	3.33	3.54	3.76	4.05	3.98	3.71
		Begusarai	7.43	7.91	8.38	9.03	8.89	8.29
		Bhagalpur	6.57	6.99	7.41	7.98	7.86	7.33
		Bhojpur	7.43	7.91	8.38	9.03	8.89	8.29
		Buxar	3.97	4.22	4.48	4.82	4.75	4.43
		Darbhanga	5.24	5.58	5.91	6.37	6.27	5.84
		East Champaran	5.27	5.61	5.94	6.40	6.30	5.88
		Gaya	5.27	5.61	5.94	6.40	6.30	5.88
		Gopalganj	5.27	5.61	5.94	6.40	6.30	5.88
		Jamui	2.37	2.52	2.67	2.88	2.83	2.64
		Jehanabad	4.66	4.96	5.26	5.66	5.57	5.20
		Kaimur	4.08	4.34	4.60	4.96	4.88	4.55
		Katihar	5.27	5.61	5.94	6.40	6.30	5.88
		Khagaria	5.89	6.27	6.64	7.16	7.05	6.57

		Kishanganj	6.22	6.62	7.02	7.56	7.44	6.94
		Lakhisarai	3.04	3.24	3.43	3.69	3.64	3.39
		Madhepura	3.70	3.94	4.17	4.50	4.43	4.13
		Madhubani	5.12	5.45	5.77	6.22	6.12	5.71
		Munger	2.74	2.92	3.09	3.33	3.28	3.06
		Muzaffarpur	7.43	7.91	8.38	9.03	8.89	8.29
		Nalanda	6.04	6.43	6.81	7.34	7.22	6.74
		Nawada	5.36	5.70	6.05	6.51	6.41	5.98
		Patna	5.59	5.95	6.30	6.79	6.69	6.23
		Purnia	4.66	4.96	5.26	5.66	5.57	5.20
		Rohtas	7.03	7.48	7.93	8.54	8.41	7.84
		Saharsa	5.27	5.61	5.94	6.40	6.30	5.88
		Samastipur	5.27	5.61	5.94	6.40	6.30	5.88
		Saran	5.27	5.61	5.94	6.40	6.30	5.88
		Sheikhpura	3.92	4.17	4.42	4.76	4.69	4.37
		Sheohar	2.21	2.35	2.49	2.69	2.64	2.46
		Sitamarhi	3.92	4.17	4.42	4.76	4.69	4.37
		Siwan	6.93	7.37	7.82	8.42	8.29	7.73
		Supaul	3.25	3.46	3.67	3.95	3.89	3.62
		Vaishali	5.27	5.61	5.94	6.40	6.30	5.88
		West Champaran	5.27	5.61	5.94	6.40	6.30	5.88
4	**Chattisgarh**	Balrampur	3.37	3.59	3.80	4.10	4.03	3.76
		Balod	5.27	5.61	5.94	6.40	6.30	5.88
		Baloda Bazar	5.27	5.61	5.94	6.40	6.30	5.88
		Bastar	3.34	3.55	3.77	4.06	4.00	3.73
		Bemetara	5.27	5.61	5.94	6.40	6.30	5.88
		Bijapur	3.35	3.57	3.78	4.07	4.01	3.74

		Bilaspur	5.04	5.36	5.68	6.12	6.03	5.62
		Dantewada	3.35	3.57	3.78	4.07	4.01	3.74
		Dhamtari	4.26	4.53	4.80	5.18	5.10	4.75
		Durg	5.27	5.61	5.94	6.40	6.30	5.88
		Gariyaband	5.27	5.61	5.94	6.40	6.30	5.88
		Gaurela-Pendra-Marwahi	5.04	5.36	5.68	6.12	6.03	5.62
		Janjgir-Champa	3.97	4.22	4.48	4.82	4.75	4.43
		Jashpur	3.35	3.57	3.78	4.07	4.01	3.74
		Kabirdham	3.35	3.57	3.78	4.07	4.01	3.74
		Kondagaon	3.34	3.55	3.77	4.06	4.00	3.73
		Korba	5.19	5.52	5.85	6.31	6.21	5.79
		Korea	4.22	4.49	4.76	5.13	5.05	4.71
		Kumhari	2.52	2.68	2.84	3.06	3.01	2.81
		Mahasamund	3.97	4.22	4.48	4.82	4.75	4.43
		Mungeli	5.04	5.36	5.68	6.12	6.03	5.62
		Narayanpur	4.36	4.64	4.92	5.30	5.22	4.86
		Raigarh	3.97	4.22	4.48	4.82	4.75	4.43
		Raipur	5.27	5.61	5.94	6.40	6.30	5.88
		Rajnandgaon	5.27	5.61	5.94	6.40	6.30	5.88
		Sukma	3.35	3.57	3.78	4.07	4.01	3.74
		Surajpur	3.37	3.59	3.80	4.10	4.03	3.76
		Surguja	3.37	3.59	3.80	4.10	4.03	3.76
		Uttar Bastar Kanker	3.35	3.57	3.78	4.07	4.01	3.74

5	**Dadra & Nagar Haveli**	D&N	3.54	3.77	3.99	4.30	4.23	3.95
6	**Goa**	North Goa	3.35	3.57	3.78	4.07	4.01	3.74
		South Goa	2.58	2.75	2.91	3.14	3.09	2.88
7	**Gujarat**	Ahmedabad	3.47	3.69	3.91	4.22	4.15	3.87
		Amreli	3.11	3.31	3.51	3.78	3.72	3.47
		Anand	5.27	5.61	5.94	6.40	6.30	5.88
		Aravalli	4.22	4.49	4.76	5.13	5.05	4.71
		Banas Kantha	3.34	3.55	3.77	4.06	4.00	3.73
		Bharuch	4.94	5.26	5.57	6.00	5.91	5.51
		Bhavnagar	3.38	3.60	3.81	4.11	4.04	3.77
		Botad	3.47	3.69	3.91	4.22	4.15	3.87
		Chhotaudepur	4.11	4.37	4.64	4.99	4.92	4.58
		Dahod	3.77	4.01	4.25	4.58	4.51	4.20
		Dang	3.35	3.57	3.78	4.07	4.01	3.74
		Devbhumi Dwarka	3.67	3.91	4.14	4.46	4.39	4.09
		Gandhinagar	4.57	4.86	5.15	5.55	5.47	5.10
		Gir Somnath	3.29	3.50	3.71	4.00	3.94	3.67
		Jamnagar	3.67	3.91	4.14	4.46	4.39	4.09
		Junagadh	3.29	3.50	3.71	4.00	3.94	3.67
		Kheda	5.27	5.61	5.94	6.40	6.30	5.88
		Kutch	2.21	2.35	2.49	2.69	2.64	2.46
		Mahesana	4.47	4.76	5.04	5.43	5.35	4.99
		Mahisagar	4.44	4.73	5.01	5.40	5.31	4.95
		Morbi	3.97	4.22	4.48	4.82	4.75	4.43
		Narmada	4.07	4.33	4.59	4.95	4.87	4.54

		Navsari	4.45	4.74	5.02	5.41	5.32	4.96
		Panch Mahals	4.44	4.73	5.01	5.40	5.31	4.95
		Patan	3.48	3.70	3.93	4.23	4.16	3.88
		Porbandar	3.26	3.47	3.68	3.96	3.90	3.64
		Rajkot	4.57	4.86	5.15	5.55	5.47	5.10
		Sabar Kantha	4.22	4.49	4.76	5.13	5.05	4.71
		Surat	5.27	5.61	5.94	6.40	6.30	5.88
		Surendranagar	3.67	3.91	4.14	4.46	4.39	4.09
		Tapi	3.93	4.18	4.43	4.78	4.70	4.38
		Vadodara	2.73	2.91	3.08	3.32	3.27	3.04
		Valsad	4.28	4.55	4.83	5.20	5.12	4.77
8	**Haryana**	Ambala	5.10	5.43	5.75	6.20	6.10	5.69
		Bhiwani	5.27	5.61	5.94	6.40	6.30	5.88
		Faridabad	4.62	4.92	5.21	5.61	5.53	5.15
		Fatehabad	5.45	5.80	6.15	6.62	6.52	6.08
		Gurgaon	3.96	4.21	4.47	4.81	4.74	4.42
		Hisar	4.28	4.55	4.83	5.20	5.12	4.77
		Jhajjar	5.27	5.61	5.94	6.40	6.30	5.88
		Jind	5.04	5.36	5.68	6.12	6.03	5.62
		Kaithal	6.35	6.76	7.16	7.72	7.60	7.08
		Karnal	7.43	7.91	8.38	9.03	8.89	8.29
		Kurukshetra	6.45	6.86	7.27	7.84	7.72	7.19
		Mahendragarh	4.03	4.29	4.55	4.90	4.82	4.49
		Mewat	3.62	3.85	4.08	4.40	4.33	4.04
		Panchkula	4.38	4.66	4.94	5.32	5.24	4.89
		Panipat	4.48	4.77	5.05	5.44	5.36	5.00
		Rewari	7.43	7.91	8.38	9.03	8.89	8.29
		Rohtak	6.97	7.42	7.86	8.47	8.34	7.77

		Sirsa	5.19	5.52	5.85	6.31	6.21	5.79
		Sonipat	6.36	6.77	7.17	7.73	7.61	7.09
		Yamunanagar	5.07	5.40	5.72	6.16	6.06	5.65
9	**Jammu & Kashmir**	Jammu	7.43	7.91	8.38	9.03	8.89	8.29
10	**Jharkhand**	Bokaro	2.21	2.35	2.49	2.69	2.64	2.46
		Chatra	2.87	3.05	3.24	3.49	3.43	3.20
		Deoghar	5.27	5.61	5.94	6.40	6.30	5.88
		Dhanbad	2.21	2.35	2.49	2.69	2.64	2.46
		Dumka	5.27	5.61	5.94	6.40	6.30	5.88
		East Singhbhum	2.21	2.35	2.49	2.69	2.64	2.46
		Garhwa	3.59	3.82	4.05	4.36	4.29	4.00
		Giridih	2.81	2.99	3.17	3.41	3.36	3.13
		Godda	2.58	2.75	2.91	3.14	3.09	2.88
		Gumla	3.35	3.57	3.78	4.07	4.01	3.74
		Hazaribag	3.22	3.43	3.63	3.91	3.85	3.59
		Jamtara	3.08	3.28	3.47	3.74	3.68	3.44
		Khunti	2.41	2.56	2.72	2.93	2.88	2.69
		Koderma	3.09	3.29	3.49	3.75	3.70	3.45
		Latehar	3.10	3.30	3.50	3.77	3.71	3.46
		Lohardaga	3.39	3.61	3.82	4.12	4.06	3.78
		Pakur	2.21	2.35	2.49	2.69	2.64	2.46
		Palamu	3.63	3.86	4.09	4.41	4.34	4.05
		Ramgarh	3.22	3.43	3.63	3.91	3.85	3.59
		Ranchi	5.27	5.61	5.94	6.40	6.30	5.88
		Sahebganj	2.97	3.16	3.35	3.61	3.55	3.31

		Seraikela Kharsawan	3.09	3.29	3.49	3.75	3.70	3.45
		Simdega	2.88	3.06	3.25	3.50	3.44	3.21
		West Singhbhum	2.59	2.76	2.92	3.15	3.10	2.89
11	**Karnataka**	Bagalkot	3.25	3.46	3.67	3.95	3.89	3.62
		Bangalore Urban	4.97	5.29	5.61	6.04	5.94	5.54
		Bangalore Rural	3.94	4.19	4.44	4.79	4.71	4.39
		Belgaum	3.24	3.45	3.65	3.94	3.88	3.61
		Bellary	4.08	4.34	4.60	4.96	4.88	4.55
		Bidar	3.18	3.38	3.59	3.86	3.80	3.55
		Bijapur	4.15	4.42	4.68	5.04	4.96	4.63
		Chamrajnagar	3.92	4.17	4.42	4.76	4.69	4.37
		Chickmagalur	4.11	4.37	4.64	4.99	4.92	4.58
		Chikkballapur	3.82	4.07	4.31	4.64	4.57	4.26
		Chitradurga	3.04	3.24	3.43	3.69	3.64	3.39
		Davangere	5.27	5.61	5.94	6.40	6.30	5.88
		Dharwad	3.44	3.66	3.88	4.18	4.11	3.84
		Gadag	2.73	2.91	3.08	3.32	3.27	3.04
		Gulbarga	3.71	3.95	4.18	4.51	4.44	4.14
		Hassan	4.97	5.29	5.61	6.04	5.94	5.54
		Haveri	2.85	3.03	3.21	3.46	3.41	3.18
		Kodagu	3.35	3.57	3.78	4.07	4.01	3.74
		Kolar	3.08	3.28	3.47	3.74	3.68	3.44
		Koppal	4.45	4.74	5.02	5.41	5.32	4.96
		Mandya	5.21	5.54	5.88	6.33	6.23	5.81
		Mysore	4.00	4.26	4.51	4.86	4.78	4.46
		North Kannada	2.50	2.66	2.82	3.04	2.99	2.79
		Raichur	4.35	4.63	4.91	5.29	5.20	4.85

		Ramanagaram	3.64	3.87	4.11	4.42	4.35	4.06
		South Kannada	3.67	3.91	4.14	4.46	4.39	4.09
		Shimoga	3.89	4.14	4.39	4.73	4.65	4.34
		Tum-kur	3.22	3.43	3.63	3.91	3.85	3.59
		Udupi	4.43	4.71	5.00	5.38	5.30	4.94
12	Kerala	Alappuzha	5.27	5.61	5.94	6.40	6.30	5.88
		Ernakulam	5.27	5.61	5.94	6.40	6.30	5.88
		Idukki	3.35	3.57	3.78	4.07	4.01	3.74
		Kannur	4.97	5.29	5.61	6.04	5.94	5.54
		Kasargod	3.35	3.57	3.78	4.07	4.01	3.74
		Kollam	4.56	4.85	5.14	5.54	5.45	5.09
		Kottayam	7.11	7.57	8.02	8.64	8.50	7.93
		Kozhikode	4.94	5.26	5.57	6.00	5.91	5.51
		Malappuram	4.26	4.53	4.80	5.18	5.10	4.75
		Palakkad	5.27	5.61	5.94	6.40	6.30	5.88
		Pathanamthitta	5.27	5.61	5.94	6.40	6.30	5.88
		Thiruvananthapuram	3.35	3.57	3.78	4.07	4.01	3.74
		Thrissur	5.27	5.61	5.94	6.40	6.30	5.88
		Wayanad	5.27	5.61	5.94	6.40	6.30	5.88
13	Madhya Pradesh	Agarmalwa	3.96	4.21	4.47	4.81	4.74	4.42
		AlirajPur	2.50	2.66	2.82	3.04	2.99	2.79
		Anuppur	2.44	2.60	2.75	2.97	2.92	2.72
		Ashoknagar	2.21	2.35	2.49	2.69	2.64	2.46
		Balaghat	4.11	4.37	4.64	4.99	4.92	4.58
		Barwani	2.97	3.16	3.35	3.61	3.55	3.31

		Betul	4.89	5.20	5.52	5.94	5.85	5.45
		Bhind	3.53	3.76	3.98	4.29	4.22	3.94
		Bhopal	4.78	5.09	5.39	5.81	5.72	5.33
		Burhanpur	3.93	4.18	4.43	4.78	4.70	4.38
		Chhatarpur	3.19	3.39	3.60	3.88	3.82	3.56
		Chhindwara	3.08	3.28	3.47	3.74	3.68	3.44
		Damoh	3.47	3.69	3.91	4.22	4.15	3.87
		Datia	2.98	3.17	3.36	3.62	3.56	3.32
		Dewas	3.87	4.12	4.36	4.70	4.63	4.32
		Dhar	3.45	3.67	3.89	4.19	4.13	3.85
		Dindori	2.38	2.53	2.68	2.89	2.85	2.65
		Guna	2.44	2.60	2.75	2.97	2.92	2.72
		Gwalior	3.63	3.86	4.09	4.41	4.34	4.05
		Harda	5.27	5.61	5.94	6.40	6.30	5.88
		Hoshangabad	5.27	5.61	5.94	6.40	6.30	5.88
		Indore	5.27	5.61	5.94	6.40	6.30	5.88
		Jabalpur	2.72	2.89	3.07	3.31	3.25	3.03
		Jhabua	3.74	3.98	4.22	4.54	4.47	4.17
		Katni	4.01	4.27	4.52	4.87	4.80	4.47
		Khandwa	3.97	4.22	4.48	4.82	4.75	4.43
		Khargone	3.53	3.76	3.98	4.29	4.22	3.94
		Mandla	2.36	2.51	2.66	2.87	2.82	2.63
		Mandsaur	2.94	3.13	3.32	3.57	3.52	3.28
		Morena	3.42	3.64	3.86	4.16	4.09	3.81
		Narsinghpur	2.49	2.65	2.81	3.03	2.98	2.78
		Neemuch	2.62	2.79	2.96	3.18	3.13	2.92
		Panna	3.94	4.19	4.44	4.79	4.71	4.39
		Raisen	5.15	5.48	5.81	6.26	6.16	5.74
		Rajgarh	3.81	4.05	4.30	4.63	4.56	4.25

		Ratlam	4.99	5.31	5.63	6.06	5.97	5.57
		Rewa	3.74	3.98	4.22	4.54	4.47	4.17
		Sagar	3.20	3.41	3.61	3.89	3.83	3.57
		Satna	3.33	3.54	3.76	4.05	3.98	3.71
		Sehore	4.80	5.11	5.41	5.83	5.74	5.35
		Seoni	2.93	3.12	3.30	3.56	3.50	3.27
		Shahdol	2.81	2.99	3.17	3.41	3.36	3.13
		Shajapur	3.96	4.21	4.47	4.81	4.74	4.42
		Shivpuri	2.89	3.08	3.26	3.51	3.46	3.22
		Sheopur	2.43	2.59	2.74	2.95	2.91	2.71
		Sidhi	2.67	2.84	3.01	3.24	3.19	2.98
		Tikamgarh	2.93	3.12	3.30	3.56	3.50	3.27
		Ujjain	4.41	4.69	4.97	5.36	5.28	4.92
		Umaria	3.70	3.94	4.17	4.50	4.43	4.13
		Vidisha	4.58	4.87	5.17	5.57	5.48	5.11
14	**Maharashtra**	Ahmednagar	4.91	5.23	5.54	5.97	5.87	5.48
		Akola	4.95	5.27	5.58	6.02	5.92	5.52
		Amravati	5.21	5.54	5.88	6.33	6.23	5.81
		Aurangabad	3.84	4.09	4.33	4.67	4.59	4.28
		Mumbai Suburban	5.27	5.61	5.94	6.40	6.30	5.88
		Beed	3.24	3.45	3.65	3.94	3.88	3.61
		Bhandara	3.37	3.59	3.80	4.10	4.03	3.76
		Buldhana	3.84	4.09	4.33	4.67	4.59	4.28
		Chandrapur	3.94	4.19	4.44	4.79	4.71	4.39
		Dhule	4.43	4.71	5.00	5.38	5.30	4.94
		Gadchiroli	2.66	2.83	3.00	3.23	3.18	2.97
		Gondia	3.38	3.60	3.81	4.11	4.04	3.77

		Hingoli	3.45	3.67	3.89	4.19	4.13	3.85
		Jalgaon	4.01	4.27	4.52	4.87	4.80	4.47
		Jalna	4.06	4.32	4.58	4.93	4.86	4.53
		Kolhapur	5.27	5.61	5.94	6.40	6.30	5.88
		Latur	3.87	4.12	4.36	4.70	4.63	4.32
		Mumbai	5.27	5.61	5.94	6.40	6.30	5.88
		Nagpur	5.27	5.61	5.94	6.40	6.30	5.88
		Nanded	3.19	3.39	3.60	3.88	3.82	3.56
		Nandurbar	3.70	3.94	4.17	4.50	4.43	4.13
		Nashik	5.26	5.60	5.93	6.39	6.29	5.87
		Osmanabad	3.26	3.47	3.68	3.96	3.90	3.64
		Palghar	2.21	2.35	2.49	2.69	2.64	2.46
		Parbhani	3.55	3.78	4.00	4.31	4.25	3.96
		Pune	4.11	4.37	4.64	4.99	4.92	4.58
		Raigarh	2.59	2.76	2.92	3.15	3.10	2.89
		Ratnagiri	5.27	5.61	5.94	6.40	6.30	5.88
		Sangli	5.27	5.61	5.94	6.40	6.30	5.88
		Satara	4.76	5.07	5.37	5.78	5.69	5.31
		Sindhudurg	3.35	3.57	3.78	4.07	4.01	3.74
		Solapur	4.21	4.48	4.75	5.12	5.04	4.70
		Thane	2.21	2.35	2.49	2.69	2.64	2.46
		Wardha	5.90	6.28	6.65	7.17	7.06	6.58
		Washim	5.27	5.61	5.94	6.40	6.30	5.88
		Yavatmal	4.58	4.87	5.17	5.57	5.48	5.11
15	**Odisha**	Angul	3.35	3.57	3.78	4.07	4.01	3.74
		Balangir	7.43	7.91	8.38	9.03	8.89	8.29
		Baleswar	4.40	4.68	4.96	5.35	5.26	4.91
		Bargarh	5.15	5.48	5.81	6.26	6.16	5.74

		Bhadrak	5.27	5.61	5.94	6.40	6.30	5.88
		Boudh	3.35	3.57	3.78	4.07	4.01	3.74
		Cuttack	6.94	7.39	7.83	8.43	8.30	7.74
		Deogarh	3.35	3.57	3.78	4.07	4.01	3.74
		Dhenkanal	5.27	5.61	5.94	6.40	6.30	5.88
		Gajapati	3.35	3.57	3.78	4.07	4.01	3.74
		Ganjam	5.27	5.61	5.94	6.40	6.30	5.88
		Jagatsinghapur	5.27	5.61	5.94	6.40	6.30	5.88
		Jajpur	5.27	5.61	5.94	6.40	6.30	5.88
		Jharsuguda	5.27	5.61	5.94	6.40	6.30	5.88
		Kalahandi	4.86	5.17	5.48	5.91	5.81	5.42
		Kandhamal	3.35	3.57	3.78	4.07	4.01	3.74
		Kendrapara	5.27	5.61	5.94	6.40	6.30	5.88
		Kendujhar	3.35	3.57	3.78	4.07	4.01	3.74
		Khordha	5.27	5.61	5.94	6.40	6.30	5.88
		Malkangiri	3.35	3.57	3.78	4.07	4.01	3.74
		Mayurbhanj	3.35	3.57	3.78	4.07	4.01	3.74
		Nabarangapur	3.35	3.57	3.78	4.07	4.01	3.74
		Nayagarh	5.19	5.52	5.85	6.31	6.21	5.79
		Nuapada	5.27	5.61	5.94	6.40	6.30	5.88
		Puri	5.27	5.61	5.94	6.40	6.30	5.88
		Rayagada	3.35	3.57	3.78	4.07	4.01	3.74
		Sambalpur	4.74	5.04	5.35	5.76	5.67	5.29
		Sonepur/ Subarnapur	4.21	4.48	4.75	5.12	5.04	4.70
		Sundergarh	3.02	3.21	3.41	3.67	3.61	3.37
16	**Puducherry**	Karaikal	3.35	3.57	3.78	4.07	4.01	3.74
		Pondicherry	3.23	3.44	3.64	3.92	3.86	3.60

		Yanam	2.79	2.97	3.15	3.39	3.34	3.11
17	Punjab	Amritsar	4.27	4.54	4.82	5.19	5.11	4.76
		Barnala	3.61	3.84	4.07	4.39	4.32	4.03
		Bathinda	5.27	5.61	5.94	6.40	6.30	5.88
		Faridkot	5.24	5.58	5.91	6.37	6.27	5.84
		Fatehgarh Sahib	4.94	5.26	5.57	6.00	5.91	5.51
		Fazilka	5.27	5.61	5.94	6.40	6.30	5.88
		Firozpur	5.27	5.61	5.94	6.40	6.30	5.88
		Gurdaspur	4.49	4.78	5.06	5.46	5.37	5.01
		Hoshiarpur	4.33	4.61	4.88	5.26	5.18	4.83
		Jalandhar	4.49	4.78	5.06	5.46	5.37	5.01
		Kapurthala	4.40	4.68	4.96	5.35	5.26	4.91
		Ludhiana	4.89	5.20	5.52	5.94	5.85	5.45
		Mansa	5.27	5.61	5.94	6.40	6.30	5.88
		Moga	5.27	5.61	5.94	6.40	6.30	5.88
		Mohali/ Sahibzada Ajit Singh Nagar	3.39	3.61	3.82	4.12	4.06	3.78
		Muktsar	5.61	5.97	6.33	6.82	6.71	6.26
		Nawanshahr/ Shahid Bhagat Singh Nagar	3.23	3.44	3.64	3.92	3.86	3.60
		Pathankot	4.49	4.78	5.06	5.46	5.37	5.01
		Patiala	4.30	4.58	4.85	5.23	5.14	4.80
		Rupnagar	2.21	2.35	2.49	2.69	2.64	2.46
		Sangrur	6.18	6.58	6.97	7.51	7.39	6.89
		Tarntaran	4.30	4.58	4.85	5.23	5.14	4.80
18	Rajasthan	Ajmer	2.21	2.35	2.49	2.69	2.64	2.46

		Alwar	3.60	3.83	4.06	4.37	4.31	4.02
		Banswara	2.67	2.84	3.01	3.24	3.19	2.98
		Baran	3.89	4.14	4.39	4.73	4.65	4.34
		Barmer	2.21	2.35	2.49	2.69	2.64	2.46
		Bharatpur	3.92	4.17	4.42	4.76	4.69	4.37
		Bhilwara	3.12	3.32	3.52	3.79	3.73	3.48
		Bikaner	2.21	2.35	2.49	2.69	2.64	2.46
		Bundi	3.09	3.29	3.49	3.75	3.70	3.45
		Chittorgarh	3.49	3.71	3.94	4.24	4.17	3.89
		Churu	2.21	2.35	2.49	2.69	2.64	2.46
		Dausa	3.23	3.44	3.64	3.92	3.86	3.60
		Dholpur	2.97	3.16	3.35	3.61	3.55	3.31
		Dungarpur	3.67	3.91	4.14	4.46	4.39	4.09
		Hanumangarh	5.27	5.61	5.94	6.40	6.30	5.88
		Jaipur	3.44	3.66	3.88	4.18	4.11	3.84
		Jaisalmer	2.21	2.35	2.49	2.69	2.64	2.46
		Jalor	2.53	2.69	2.85	3.07	3.03	2.82
		Jhalawar	2.29	2.44	2.58	2.78	2.74	2.55
		Jhunjhunu	2.44	2.60	2.75	2.97	2.92	2.72
		Jodhpur	2.21	2.35	2.49	2.69	2.64	2.46
		Karauli	4.40	4.68	4.96	5.35	5.26	4.91
		Kota	3.17	3.37	3.58	3.85	3.79	3.54
		Nagaur	2.36	2.51	2.66	2.87	2.82	2.63
		Pali	3.10	3.30	3.50	3.77	3.71	3.46
		Pratapgarh	2.58	2.75	2.91	3.14	3.09	2.88
		Rajsamand	2.73	2.91	3.08	3.32	3.27	3.04
		Sawai Madhopur	3.60	3.83	4.06	4.37	4.31	4.02
		Sikar	2.46	2.62	2.77	2.99	2.94	2.74
		Sirohi	2.81	2.99	3.17	3.41	3.36	3.13

		Sri Ganganagar	3.23	3.44	3.64	3.92	3.86	3.60
		Tonk	2.22	2.36	2.50	2.70	2.66	2.48
		Udaipur	3.10	3.30	3.50	3.77	3.71	3.46
19	Tamil Nadu	Ariyalur	3.02	3.21	3.41	3.67	3.61	3.37
		Chengalpattu	3.29	3.50	3.71	4.00	3.94	3.67
		Chennai	3.68	3.92	4.15	4.47	4.40	4.10
		Coimbatore	5.27	5.61	5.94	6.40	6.30	5.88
		Cuddalore	5.07	5.40	5.72	6.16	6.06	5.65
		Dharmapuri	4.82	5.13	5.44	5.86	5.77	5.38
		Dindigul	4.49	4.78	5.06	5.46	5.37	5.01
		Erode	4.21	4.48	4.75	5.12	5.04	4.70
		Kallakurichi	3.89	4.14	4.39	4.73	4.65	4.34
		Kanchipuram	3.29	3.50	3.71	4.00	3.94	3.67
		Kanyakumari	3.35	3.57	3.78	4.07	4.01	3.74
		Karur	4.24	4.51	4.78	5.15	5.07	4.73
		Krishnagiri	2.87	3.05	3.24	3.49	3.43	3.20
		Madurai	4.20	4.47	4.74	5.10	5.02	4.68
		Mayiladuthurai	4.30	4.58	4.85	5.23	5.14	4.80
		Nagapattinam	4.30	4.58	4.85	5.23	5.14	4.80
		Namakkal	4.64	4.94	5.23	5.64	5.55	5.18
		Nilgiris	5.27	5.61	5.94	6.40	6.30	5.88
		Perambalur	4.56	4.85	5.14	5.54	5.45	5.09
		Pudukkottai	4.33	4.61	4.88	5.26	5.18	4.83
		Ramanathapuram	3.35	3.57	3.78	4.07	4.01	3.74
		Ranipet	4.70	5.00	5.30	5.71	5.62	5.24
		Salem	4.36	4.64	4.92	5.30	5.22	4.86
		Sivaganga	4.66	4.96	5.26	5.66	5.57	5.20

		Tenkasi	3.09	3.29	3.49	3.75	3.70	3.45
		Thanjavur	5.27	5.61	5.94	6.40	6.30	5.88
		Theni	3.35	3.57	3.78	4.07	4.01	3.74
		Thoothukudi	3.35	3.57	3.78	4.07	4.01	3.74
		Tiruchirappalli	5.00	5.32	5.64	6.08	5.98	5.58
		Tirunelveli	3.09	3.29	3.49	3.75	3.70	3.45
		Triupathur	4.7	5.00	5.30	5.71	5.62	5.24
		Tiruppur	1.55	1.65	1.75	1.88	1.85	1.73
		Tiruvallur	3.96	4.21	4.47	4.81	4.74	4.42
		Tiruvannamalai	3.35	3.57	3.78	4.07	4.01	3.74
		Tiruvarur	4.82	5.13	5.44	5.86	5.77	5.38
		Vellore	4.70	5.00	5.30	5.71	5.62	5.24
		Viluppuram	3.89	4.14	4.39	4.73	4.65	4.34
		Virudhunagar	3.35	3.57	3.78	4.07	4.01	3.74
20	Telangana	Adilabad	2.56	2.72	2.89	3.11	3.06	2.86
		Bhadradri	2.21	2.35	2.49	2.69	2.64	2.46
		Hanamkonda	2.96	3.15	3.34	3.60	3.54	3.30
		Hyderabad	2.67	2.84	3.01	3.24	3.19	2.98
		Jagital	3.09	3.29	3.49	3.75	3.70	3.45
		Jangoan	2.61	2.78	2.94	3.17	3.12	2.91
		Jayashankar	2.71	2.88	3.06	3.29	3.24	3.02
		Jogulamba	2.88	3.06	3.25	3.50	3.44	3.21
		Karimnagar	3.09	3.29	3.49	3.75	3.70	3.45
		Kamareddy	3.84	4.09	4.33	4.67	4.59	4.28
		Khammam	2.21	2.35	2.49	2.69	2.64	2.46
		Komaram Bheem (Asifabad)	2.56	2.72	2.89	3.11	3.06	2.86

		Mahabubabad	2.52	2.68	2.84	3.06	3.01	2.81
		Mahbubnagar	2.88	3.06	3.25	3.50	3.44	3.21
		Mancherial	2.56	2.72	2.89	3.11	3.06	2.86
		Medak	2.54	2.70	2.86	3.09	3.04	2.83
		Medchal	3.18	3.38	3.59	3.86	3.80	3.55
		Nagarkurnool	2.88	3.06	3.25	3.50	3.44	3.21
		Nalgonda	2.40	2.55	2.71	2.92	2.87	2.68
		Nirmal	2.56	2.72	2.89	3.11	3.06	2.86
		Nizamabad	3.84	4.09	4.33	4.67	4.59	4.28
		Rangareddy	3.18	3.38	3.59	3.86	3.80	3.55
		Peddapalli	3.09	3.29	3.49	3.75	3.70	3.45
		Rajanna	3.09	3.29	3.49	3.75	3.70	3.45
		Sangareddy	2.54	2.70	2.86	3.09	3.04	2.83
		Siddipet	2.82	3.00	3.18	3.43	3.37	3.15
		Suryapet	2.40	2.55	2.71	2.92	2.87	2.68
		Vikarabad	3.18	3.38	3.59	3.86	3.80	3.55
		Wanaparthy	2.88	3.06	3.25	3.50	3.44	3.21
		Warangal	2.82	3.00	3.18	3.43	3.37	3.15
		Yadadri	2.40	2.55	2.71	2.92	2.87	2.68
21	**Uttar Pradesh**	Agra	3.85	4.10	4.34	4.68	4.61	4.29
		Aligarh	3.77	4.01	4.25	4.58	4.51	4.20
		Allahabad	3.75	3.99	4.23	4.56	4.49	4.18
		Ambedkar Nagar	4.60	4.90	5.19	5.59	5.50	5.13
		Auraiya	3.70	3.94	4.17	4.50	4.43	4.13
		Azamgarh	4.26	4.53	4.80	5.18	5.10	4.75
		Bagpat	3.84	4.09	4.33	4.67	4.59	4.28
		Bahraich	4.82	5.13	5.44	5.86	5.77	5.38
		Ballia	3.81	4.05	4.30	4.63	4.56	4.25

		Balrampur	4.24	4.51	4.78	5.15	5.07	4.73
		Banda	5.27	5.61	5.94	6.40	6.30	5.88
		Barabanki	4.38	4.66	4.94	5.32	5.24	4.89
		Bareilly	4.41	4.69	4.97	5.36	5.28	4.92
		Basti	4.29	4.57	4.84	5.21	5.13	4.78
		Bijnor	4.60	4.90	5.19	5.59	5.50	5.13
		Bulandshahr	4.08	4.34	4.60	4.96	4.88	4.55
		Chandauli	4.86	5.17	5.48	5.91	5.81	5.42
		Chitrakoot	4.66	4.96	5.26	5.66	5.57	5.20
		Deoria	4.24	4.51	4.78	5.15	5.07	4.73
		Etah	3.87	4.12	4.36	4.70	4.63	4.32
		Etawah	3.90	4.15	4.40	4.74	4.67	4.35
		Faizabad	4.44	4.73	5.01	5.40	5.31	4.95
		Farrukhabad	5.15	5.48	5.81	6.26	6.16	5.74
		Fatehpur	3.72	3.96	4.20	4.52	4.45	4.15
		Firozabad	4.07	4.33	4.59	4.95	4.87	4.54
		Gautam Buddha Nagar	4.66	4.96	5.26	5.66	5.57	5.20
		Ghazipur	4.73	5.03	5.33	5.75	5.66	5.28
		Ghaziabad	4.64	4.94	5.23	5.64	5.55	5.18
		Gonda	3.76	4.00	4.24	4.57	4.50	4.19
		Gorakhpur	4.33	4.61	4.88	5.26	5.18	4.83
		Hamirpur	4.47	4.76	5.04	5.43	5.35	4.99
		Hapur	4.64	4.94	5.23	5.64	5.55	5.18
		Hardoi	4.01	4.27	4.52	4.87	4.80	4.47
		Mahamaya Nagar / Hathras	3.59	3.82	4.05	4.36	4.29	4.00
		Jalaun	3.75	3.99	4.23	4.56	4.49	4.18
		Jaunpur	3.39	3.61	3.82	4.12	4.06	3.78

		Jhansi	3.35	3.57	3.78	4.07	4.01	3.74
		Jyotiba Phule Nagar	4.65	4.95	5.24	5.65	5.56	5.19
		Kannauj	3.46	3.68	3.90	4.20	4.14	3.86
		Kanpur Dehat	3.33	3.54	3.76	4.05	3.98	3.71
		Kanpur Nagar	4.30	4.58	4.85	5.23	5.14	4.80
		Kashiram Nagar	2.21	2.35	2.49	2.69	2.64	2.46
		Kaushambi	3.94	4.19	4.44	4.79	4.71	4.39
		Kushinagar	2.93	3.12	3.30	3.56	3.50	3.27
		Lakhimpur Kheri	4.04	4.30	4.56	4.91	4.83	4.51
		Lalitpur	2.21	2.35	2.49	2.69	2.64	2.46
		Lucknow	4.35	4.63	4.91	5.29	5.20	4.85
		Maharajganj	4.18	4.45	4.71	5.08	5.00	4.66
		Mahoba	4.58	4.87	5.17	5.57	5.48	5.11
		Mainpuri	3.93	4.18	4.43	4.78	4.70	4.38
		Mathura	3.61	3.84	4.07	4.39	4.32	4.03
		Mau	4.29	4.57	4.84	5.21	5.13	4.78
		Meerut	4.17	4.44	4.70	5.07	4.99	4.65
		Mirzapur	3.57	3.80	4.03	4.34	4.27	3.98
		Moradabad	3.92	4.17	4.42	4.76	4.69	4.37
		Muzaffarnagar	3.96	4.21	4.47	4.81	4.74	4.42
		Pilibhit	4.41	4.69	4.97	5.36	5.28	4.92
		Pratapgarh	3.81	4.05	4.30	4.63	4.56	4.25
		Rae Bareli	4.00	4.26	4.51	4.86	4.78	4.46
		Rampur	4.36	4.64	4.92	5.30	5.22	4.86
		Saharanpur	3.87	4.12	4.36	4.70	4.63	4.32
		Sambhal	3.92	4.17	4.42	4.76	4.69	4.37
		Sant Kabir Nagar	5.07	5.40	5.72	6.16	6.06	5.65

		Sant Ravidas Nagar	3.64	3.87	4.11	4.42	4.35	4.06
		Shahjahanpur	4.30	4.58	4.85	5.23	5.14	4.80
		Shamli	3.96	4.21	4.47	4.81	4.74	4.42
		Shrawasti	5.27	5.61	5.94	6.40	6.30	5.88
		Siddharthnagar	3.97	4.22	4.48	4.82	4.75	4.43
		Sitapur	4.19	4.46	4.73	5.09	5.01	4.67
		Sonbhadra	3.68	3.92	4.15	4.47	4.40	4.10
		Sultanpur	3.47	3.69	3.91	4.22	4.15	3.87
		Unnao	4.06	4.32	4.58	4.93	4.86	4.53
		Varanasi	4.86	5.17	5.48	5.91	5.81	5.42
22	**Uttarakhand**	Almora	2.21	2.35	2.49	2.69	2.64	2.46
		Bageshwar	2.21	2.35	2.49	2.69	2.64	2.46
		Chamoli	2.21	2.35	2.49	2.69	2.64	2.46
		Champawat	2.21	2.35	2.49	2.69	2.64	2.46
		Dehradun	4.62	4.92	5.21	5.61	5.53	5.15
		Haridwar	4.33	4.61	4.88	5.26	5.18	4.83
		Nainital	3.68	3.92	4.15	4.47	4.40	4.10
		Pauri Garhwal	5.27	5.61	5.94	6.40	6.30	5.88
		Pithoragarh	2.40	2.55	2.71	2.92	2.87	2.68
		Rudraprayag	2.79	2.97	3.15	3.39	3.34	3.11
		Tehri Garhwal	3.27	3.48	3.69	3.97	3.91	3.65
		Udham Singh Nagar	5.37	5.71	6.06	6.53	6.42	5.99
		Uttarkashi	2.21	2.35	2.49	2.69	2.64	2.46
23	**West Bengal**	Alipurduar	5.08	5.41	5.73	6.17	6.08	5.67

		Bankura	4.94	5.26	5.57	6.00	5.91	5.51
		Birbhum	4.62	4.92	5.21	5.61	5.53	5.15
		Cooch Behar	4.57	4.86	5.15	5.55	5.47	5.10
		Darjiling	5.27	5.61	5.94	6.40	6.30	5.88
		East Midnapore	4.57	4.86	5.15	5.55	5.47	5.10
		Hooghly	4.18	4.45	4.71	5.08	5.00	4.66
		Howrah	4.38	4.66	4.94	5.32	5.24	4.89
		Jalpaiguri	5.08	5.41	5.73	6.17	6.08	5.67
		Jhargram	5.27	5.61	5.94	6.40	6.30	5.88
		Kolkata	3.35	3.57	3.78	4.07	4.01	3.74
		Malda	3.35	3.57	3.78	4.07	4.01	3.74
		Murshidabad	4.94	5.26	5.57	6.00	5.91	5.51
		Nadia	5.27	5.61	5.94	6.40	6.30	5.88
		North 24 Parganas	5.22	5.56	5.89	6.34	6.24	5.82
		North Dinajpur	3.54	3.77	3.99	4.30	4.23	3.95
		Paschim Bardhaman	5.09	5.42	5.74	6.19	6.09	5.68
		Purba Bardhaman	5.09	5.42	5.74	6.19	6.09	5.68
		Puruliya	4.07	4.33	4.59	4.95	4.87	4.54
		South 24 Parganas	3.75	3.99	4.23	4.56	4.49	4.18
		South Dinajpur	2.40	2.55	2.71	2.92	2.87	2.68
		West Midnapore	5.27	5.61	5.94	6.40	6.30	5.88