



# Food Production and Economics





# Food Production in India

India, with its vast agricultural expanse, is a global player in food production. The nation's agricultural sector sustains a variety of crops, the majority of the country's population depends on agriculture for their livelihood. The Agriculture sector contribute roughly 14% of the country's total GDP.

## ➤ Diverse Crop Portfolio

- Wheat, rice, pulses, and vegetables are staples in Indian agriculture.
- Cultivation of diverse crops supports food security and dietary diversity.

## ➤ Technological Advancements


- Adoption of modern farming techniques and technologies for enhanced productivity.
- Precision agriculture and sustainable practices contribute to increased yields.



# Introduction

- With a population of 1.41 billion India is the world's second most populous country. It is the seventh largest country in the world with an area of 3.288 million sq kms. It has a long coastline of over 7,500 kms.
- India is a diverse country where over 22 major languages and 415 dialects are spoken. With the highest mountain range in the world, the Himalayas to its North, the Thar desert to its West, the Gangetic delta to its East and the Deccan Plateau in the South, the country is home to vast agro-ecological diversity.
- India is the world's largest producer of milk, pulses and jute, and ranks as the second largest producer of rice, wheat, sugarcane, groundnut, vegetables, fruit and cotton. It is also one of the leading producers of spices, fish, poultry, livestock and plantation crops. Worth \$ 2.1 trillion, India is the world's third largest economy after the US and China.
- India's climate varies from humid and dry tropical in the south to temperate alpine in the northern reaches and has a great diversity of ecosystems. Four out of the 34 global biodiversity hotspots and 15 WWF global 200 eco-regions fall fully or partly within India. Having only 2.4 percent of the world's land area, India harbours around eight percent of all recorded species, including over 45,000 plant and 91,000 animal species.

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- India's economic growth in financial year 2018 is expected to accelerate to 6.75 percent in 2018 on improved performance in both industry and services.
  - India is the world's sixth-largest economy by nominal GDP and the third-largest by purchasing power parity (PPP).
  - The country ranks 139th in per capita GDP (nominal) with \$2,134 and 122nd in per capita GDP (PPP) with \$7,783 as of 2018 (World Bank data).
  - Agriculture employed 59% of the country's total workforce in 2016.

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- Agriculture, with its allied sectors, is the largest source of livelihoods in India.
  - 70 percent of its rural households still depend primarily on agriculture for their livelihood, with 82 percent of farmers being small and marginal.
  - In 2017-18, total food grain production was estimated at 275 million tonnes (MT).
  - India is the largest producer (25% of global production), consumer (27% of world consumption) and importer (14%) of pulses in the world.
  - India's annual milk production was 165 MT (2017-18), making India the largest producer of milk, jute and pulses, and with world's second-largest cattle population 190 million in 2012.
  - It is the second-largest producer of rice, wheat, sugarcane, cotton and groundnuts, as well as the second-largest fruit and vegetable producer, accounting for 10.9% and 8.6% of the world fruit and vegetable production, respectively.

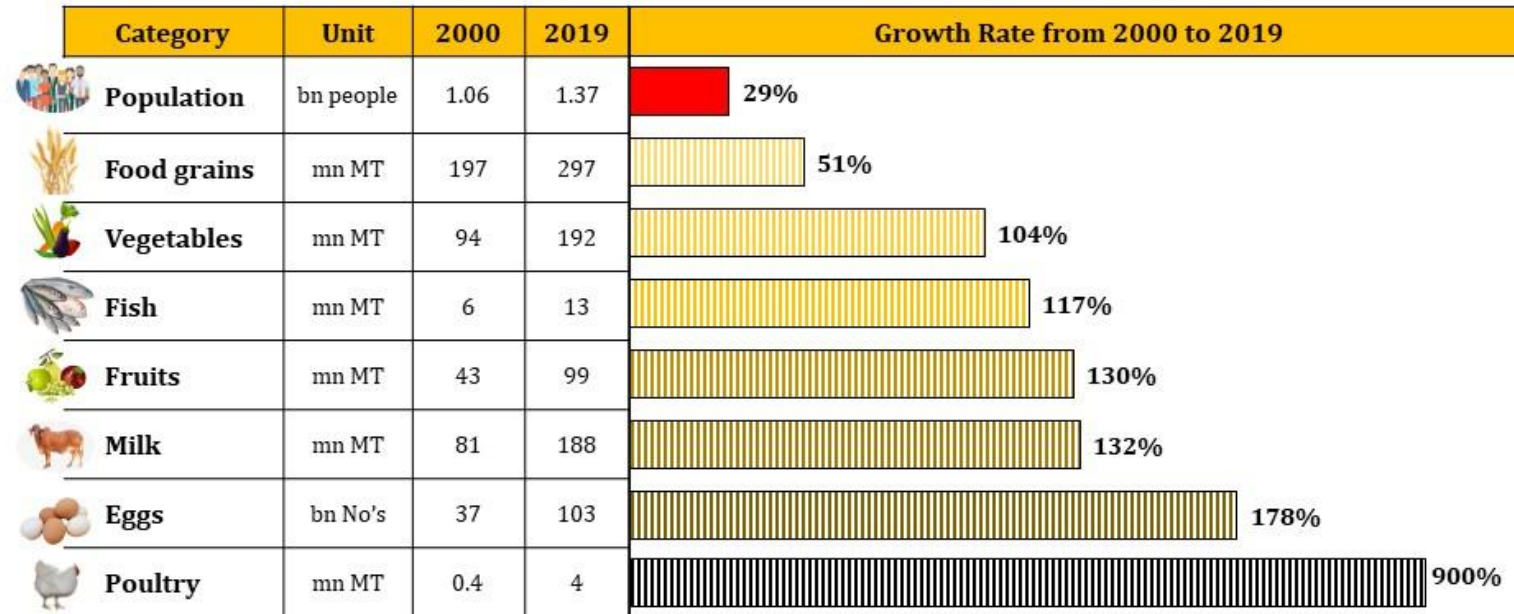




## Production of Foodgrains in India



# India - Population growth vs Agri. production growth



Source: 1. World Bank 2. IndiaStat 3. Basic Animal Husbandry Statistics – 2019 (Accessed on 13<sup>th</sup> October 2020)

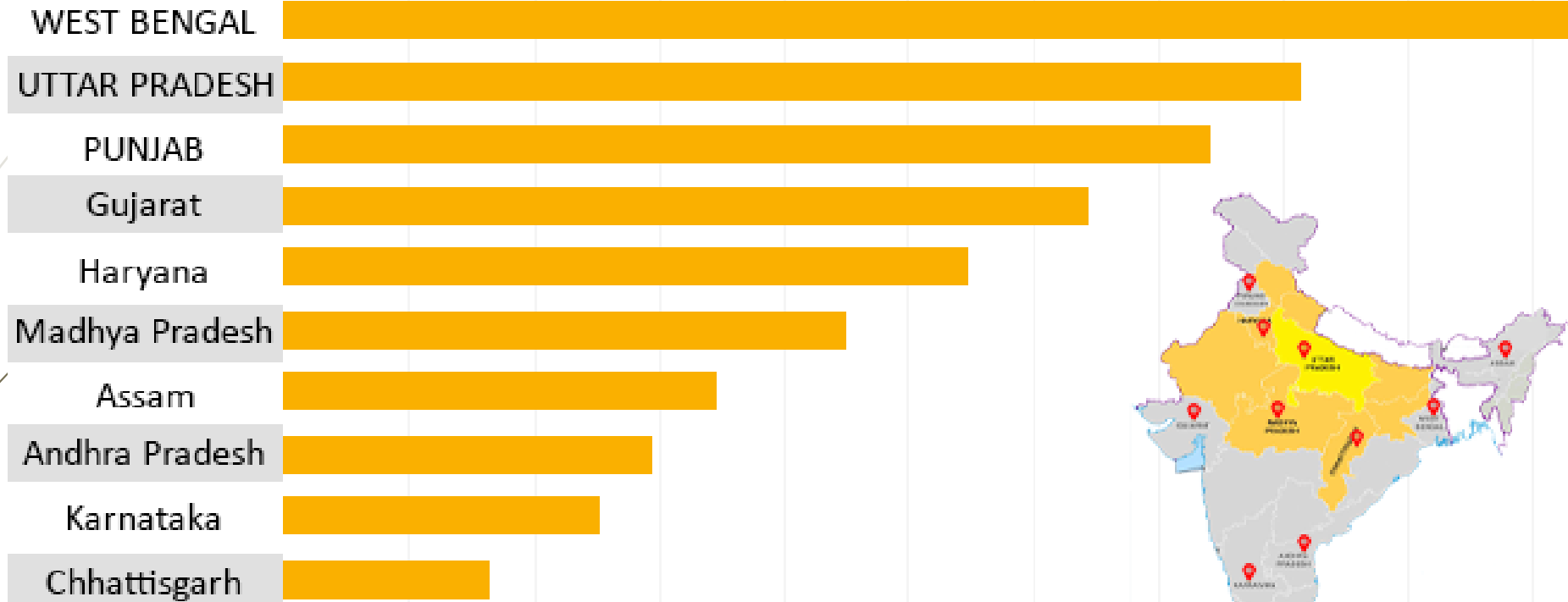
- ❖ India's agricultural production has comprehensively outpaced India's population growth.
- ❖ Sources of dietary energy remain **Vegetarian-Lacto-Ovo**. Primarily plant and milk based but includes eggs. Meat and fish still form a minor share – unlike other countries.
- ❖ Milk (188 mn MT) is the single largest food consumed by Indians- in terms of volume and value.
- ❖ There is enough **in-country capability** to ensure **national food security**.
- ❖ Indian agriculture now experiences "**problem of plenty**" (except edible oils).

**Next phase of economic growth in Indian agri. sector would require aligned actions to accelerate exports.**





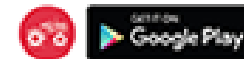
## TOP CROPS PRODUCING STATES OF INDIA




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- However, India still has many growing concerns. As the Indian economy has diversified and grown, agriculture's contribution to GDP has steadily declined from 1951 to 2011.
  - While achieving food sufficiency in production, India still accounts for a quarter of the world's hungry people and home to over 190 million undernourished people.
  - Incidence of poverty is now pegged at nearly 30 percent. As per the Global Nutrition Report (2016), India ranks 114th out of 132 countries on under-5 stunting and 170th out of 185 countries on prevalence of anemia.
  - Anemia continues to affect 50 percent of women including pregnant women and 60 percent of children in the country.



Increasing food systems diversity and small holder productivity, Kick starting a new agriculture revolution in states left behind, What can markets do, *Sustainable intensification of agriculture production, Mitigating market and climate risks through trade and technology*

Agriculture  
Production  
(Increase Productivity)

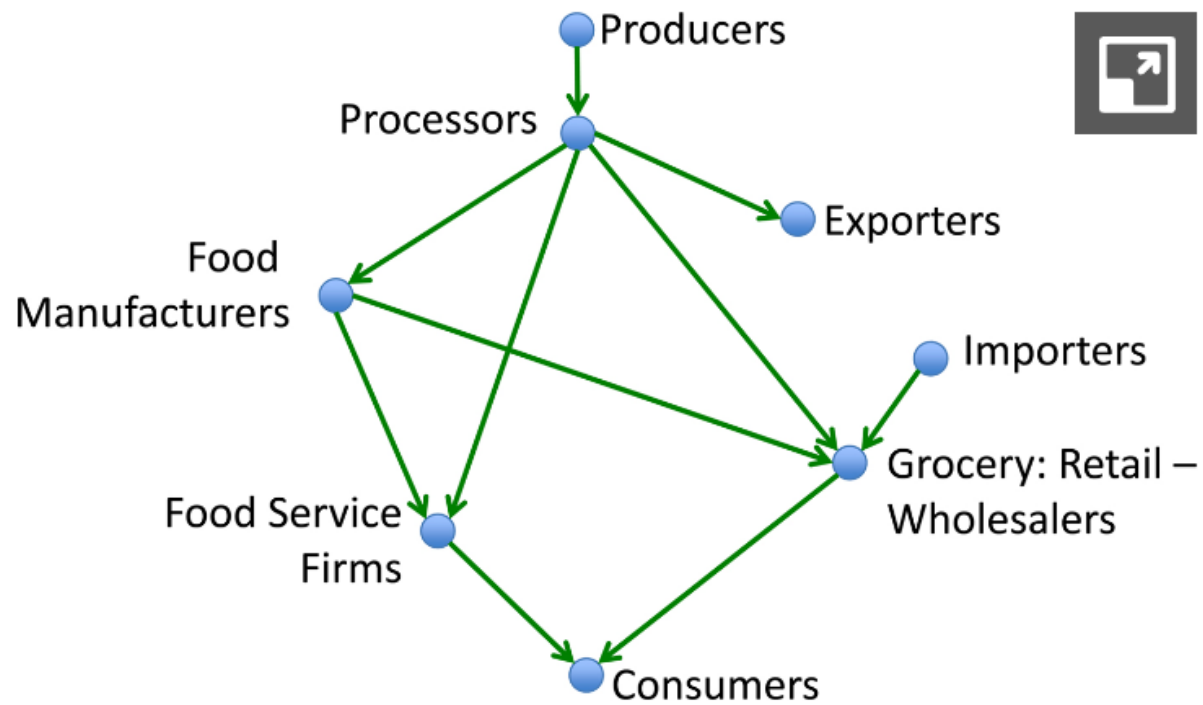
Linking small holders with markets through agriculture value chains, Improving access to nutritious foods, *Creating inclusive growth opportunities, Catering to demand for diet diversification*

Economic  
Growth  
(Enable Structural  
Transformation)

Health and  
Nutrition  
(Reduce  
Malnutrition)

Nutrition  
Secure  
Future

Reducing malnutrition, Issues of Access, *Rethinking the nature of food safety nets, Improving labor productivity, Chronic Health Diseases*



Source: Adapted from Marion (1985).

**Figure 1.** Marketing Channels



# Grain Production in India

Grain production forms the cornerstone of Indian agriculture, ensuring food security and economic stability.

## ➤ Rice and Wheat Dominance

- Rice and wheat contribute significantly to total grain production.
- Government initiatives to support rice and wheat farmers.

## ➤ Pulses and Millets

- Growing recognition of the nutritional value of pulses and millets.
- Efforts to promote cultivation and consumption of these nutrient-rich grains.






# Per Capita Land Availability in India

Despite the impressive growth in food production, India faces the challenge of diminishing per capita land availability. As the population grows, the amount of land available for agriculture per person decreases, putting pressure on land resources and intensifying cultivation practices.

## ➤ Challenges in Land Availability

- Despite being agriculturally rich, India faces challenges in per capita land availability.
- Increasing population exerts pressure on available agricultural land.

## ➤ Efforts in Land Management

- Implementation of land management practices to optimize agricultural output.
  - Emphasis on sustainable land use to balance food production and environmental conservation.
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**2.1: Normal Estimates (Average of 2016-17 to 2020-21) of Area, Production and Yield of Major Crops in India**

		Area - Million Hectares Production - Million Tonnes Yield - Kg./ Hectare			
Group of Crops	Crops	Season	Area	Production	Yield
(1)	(2)	(3)	(4)	(5)	(6)
<b>I. Foodgrains</b>	Rice	Kharif	39.54	99.44	2515
		Rabi	4.35	15.01	3448
		<b>Total</b>	<b>43.90</b>	<b>114.45</b>	2607
	Wheat	Rabi	30.28	102.46	3384
	Jowar	Kharif	1.91	1.92	1005
		Rabi	2.98	2.49	833
		<b>Total</b>	<b>4.89</b>	<b>4.40</b>	<b>900</b>
	Bajra	Kharif	7.40	9.49	1283
	Maize	Kharif	7.54	19.47	2582
		Rabi	1.86	8.31	4463
		<b>Total</b>	<b>9.40</b>	<b>27.78</b>	2955
	<b>Total Nutri/Coarse Cereals</b>	Kharif	18.39	32.87	1787
		Rabi	5.47	12.52	2290
		<b>Total</b>	<b>23.86</b>	<b>45.39</b>	1902
	Tur	Kharif	4.71	4.09	868
	Gram	Rabi	9.86	10.44	1059
		Kharif	14.17	8.73	616
		Rabi	14.94	14.69	983
	<b>Total Pulses</b>	<b>Total</b>	<b>29.10</b>	<b>23.41</b>	805
		Kharif	72.10	141.03	1956
		Rabi	55.03	144.68	2629
		<b>Total</b>	<b>127.13</b>	<b>285.71</b>	<b>2247</b>
<b>II .Oilseeds</b>	Groundnut	Total	4.95	8.35	1688
	Rapeseed & Mustard	Rabi	6.26	8.68	1387
	Soyabean	Kharif	11.21	12.15	1084
	Sunflower	Total	0.29	0.23	781
	<b>Nine Oilseeds</b>	<b>Total</b>	<b>25.65</b>	<b>31.87</b>	<b>1242</b>
<b>III . Other Cash Crops</b>	Sugarcane	Total	4.71	365.47	77609
	Cotton @	Total	12.38	32.37	445
	Jute & Mesta\$	Total	0.72	10.17	2540

Source: E&S Division, DA&FW

**2.3 (b): Foodgrains: Area, Production and Yield during 2020-21 and 2021-22 in major Producing States  
alongwith coverage under Irrigation**

State	2021-22#					2020-21					Area - Million Hectares
	Area	% to	Production	% to	Yield	Area	% to	Production	% to	Yield	Production - Million Tonnes
		All - India		All - India			All - India		All - India		Yield - Kg./Hectare
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Uttar Pradesh	19.55	14.98	56.11	17.77	2870	19.93	15.36	58.11	18.70	2915	84.89
Madhya Pradesh	16.17	12.39	39.05	12.37	2415	15.01	11.57	32.84	10.57	2188	67.06
Punjab	6.67	5.11	28.21	8.94	4233	6.60	5.09	30.42	9.79	4606	98.78
Rajasthan	14.71	11.27	21.05	6.67	1431	15.56	11.99	24.28	7.81	1561	34.39
West Bengal	6.64	5.09	20.50	6.49	3088	6.61	5.09	20.00	6.44	3025	53.74
Maharashtra	11.67	8.94	17.14	5.43	1469	11.35	8.74	15.77	5.07	1390	19.09
Haryana	4.23	3.24	16.33	5.17	3864	4.60	3.54	18.31	5.89	3985	94.99
Bihar	6.45	4.94	16.19	5.13	2511	6.36	4.90	15.38	4.95	2419	75.19
Telangana	4.73	3.63	15.10	4.78	3189	4.15	3.19	12.75	4.10	3075	81.82
Karnataka	7.99	6.12	13.81	4.37	1728	8.24	6.34	14.55	4.68	1767	27.40
Tamilnadu	3.96	3.04	12.05	3.82	3040	3.82	2.94	10.82	3.48	2834	56.19
Andhra Pradesh	3.97	3.04	11.27	3.57	2841	4.07	3.14	11.30	3.64	2773	63.39
Gujarat	4.59	3.52	10.06	3.19	2189	4.23	3.26	8.97	2.89	2121	67.62
Odisha	4.97	3.81	9.95	3.15	2001	4.98	3.84	9.52	3.06	1913	28.90
Chhattisgarh	4.76	3.65	8.90	2.82	1869	4.80	3.70	8.23	2.65	1712	35.35
Assam	2.57	1.97	5.54	1.75	2154	2.56	1.97	5.49	1.77	2145	17.25
Jharkhand	2.83	2.17	4.98	1.58	1759	2.81	2.17	4.87	1.57	1733	10.27
Uttarakhand	0.79	0.60	1.92	0.61	2431	0.81	0.62	2.00	0.64	2474	49.27
Himachal Pradesh	0.73	0.56	1.54	0.49	2119	0.73	0.56	1.54	0.49	2112	23.83
Kerala	0.20	0.15	0.63	0.20	3199	0.21	0.16	0.64	0.20	3064	76.04
Others	23.80	18.24	48.91	15.49	2055	23.50	18.11	46.21	14.87	1966	-
<b>All India</b>	<b>130.53</b>	<b>100.00</b>	<b>315.72</b>	<b>100.00</b>	<b>2419</b>	<b>129.80</b>	<b>100.00</b>	<b>310.74</b>	<b>100.00</b>	<b>2394</b>	<b>56.96</b>

Source : E&S Division, DA&FW

Note: States have been arranged in descending order of percentage share of production during 2021-22.

# Fourth Advance Estimates.

\*-Provisional

**2.4 (b): Rice: Area, Production and Yield during 2020-21 and 2021-22 in major Producing States alongwith coverage under Irrigation**

Area - Million Hectares

Production - Million Tonnes

Yield - Kg./Hectare

State	2021-22#					2020-21					Area Under Irrigation(%) 2019-20*
	Area	% to	Production	% to	Yield	Area	% to	Production	% to	Yield	
	All - India	All - India	All - India	All - India	All - India	All - India	All - India	All - India	All - India	All - India	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
West Bengal	5.60	12.06	16.76	12.87	2996	5.59	12.20	16.52	13.29	2958	51.08
Uttar Pradesh	5.70	12.29	15.27	11.72	2679	5.68	12.41	15.52	12.48	2733	90.23
Punjab	2.97	6.40	12.89	9.89	4340	2.93	6.40	12.78	10.28	4366	99.70
Telangana	3.65	7.88	12.30	9.44	3366	3.19	6.96	10.22	8.22	3206	99.41
Odisha	3.94	8.50	9.14	7.01	2318	4.04	8.82	8.81	7.08	2182	31.91
Tamilnadu	2.21	4.76	8.07	6.19	3658	2.04	4.45	6.88	5.53	3379	93.40
Chhattisgarh	3.76	8.10	7.90	6.06	2101	3.79	8.28	7.16	5.76	1889	36.64
Andhra Pradesh	2.25	4.84	7.79	5.98	3470	2.32	5.08	7.88	6.34	3393	97.27
Bihar	3.10	6.67	7.06	5.42	2282	2.96	6.47	6.61	5.32	2232	71.13
Assam	2.36	5.08	5.27	4.04	2236	2.36	5.16	5.21	4.19	2209	18.08
Others	10.86	23.41	27.84	21.37	2565	10.88	23.77	26.76	21.52	2460	-
<b>All India</b>	<b>46.38</b>	<b>100.00</b>	<b>130.29</b>	<b>100.00</b>	<b>2809</b>	<b>45.77</b>	<b>100.00</b>	<b>124.37</b>	<b>100.00</b>	<b>2717</b>	<b>64.97</b>

Source: E&S Division, DA&FW

Note: States have been arranged in descending order of percentage share of production during 2021-22.

# Fourth Advance Estimates.

\*-Provisional

## 2.5 (b): Wheat: Area, Production and Yield during 2020-21 and 2021-22 in major Producing States alongwith coverage under Irrigation

Area - Million Hectares

Production - Million Tonnes

Yield - Kg./ Hectare

State	2021-22#					2020-21					Area
	Area	%	Production	%	Yield	Area	%	Production	%	Yield	Under Irrigation(%)
		to		to			to		to		2019-20*
		All - India		All - India			All - India		All - India		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Uttar Pradesh	9.42	30.92	33.95	31.77	3604	9.85	31.65	35.51	32.40	3604	98.61
Madhya Pradesh	6.50	21.33	22.42	20.98	3449	6.08	19.54	18.18	16.59	2989	97.21
Punjab	3.52	11.57	14.82	13.87	4206	3.53	11.34	17.19	15.68	4868	99.07
Haryana	2.30	7.56	10.45	9.78	4533	2.56	8.24	12.39	11.31	4834	99.69
Rajasthan	2.58	8.47	9.48	8.88	3676	3.00	9.64	11.04	10.07	3676	99.38
Bihar	2.24	7.35	6.22	5.83	2780	2.22	7.14	6.15	5.61	2767	95.60
Gujarat	1.04	3.41	3.33	3.12	3206	1.02	3.27	3.26	2.97	3205	97.10
Maharashtra	1.17	3.83	2.47	2.32	2117	1.13	3.62	2.07	1.89	1839	73.89
Others	1.69	5.56	3.69	3.46	2180	1.73	5.55	3.80	3.47	2200	-
<b>All India</b>	<b>30.47</b>	<b>100.00</b>	<b>106.84</b>	<b>100.00</b>	<b>3507</b>	<b>31.13</b>	<b>100.00</b>	<b>109.59</b>	<b>100.00</b>	<b>3521</b>	<b>95.76</b>

Source: E&S Division, DA&FW

Note: States have been arranged in descending order of percentage share of production during 2021-22.

# Fourth Advance Estimates.

\*-Provisional



**2.10 (b): Total Pulses: Area, Production and Yield during 2020-21 and 2021-22 in major Producing States alongwith coverage under Irrigation**

State	2021-22#					2020-21					Area - Million Hectares
											Production - Million Tonnes
											Yield - Kg./ Hectare
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield	Area Under Irrigation(%) 2019-20*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Madhya Pradesh	5.59	18.01	6.03	21.78	1080	4.87	16.91	5.29	20.79	1088	43.75
Maharashtra	5.22	16.81	5.19	18.75	995	4.53	15.73	4.32	16.97	954	12.49
Rajasthan	6.41	20.65	4.02	14.51	627	6.15	21.35	4.25	16.70	692	22.16
Gujarat	1.76	5.68	2.69	9.71	1526	1.40	4.86	1.81	7.11	1295	41.09
Uttar Pradesh	2.43	7.84	2.56	9.25	1053	2.38	8.27	2.48	9.72	1040	33.83
Karnataka	3.19	10.27	1.97	7.11	617	3.13	10.86	2.07	8.11	661	10.84
Andhra Pradesh	1.23	3.95	1.09	3.93	887	1.24	4.32	1.09	4.30	880	2.54
Jharkhand	0.86	2.76	0.90	3.24	1050	0.85	2.95	0.91	3.56	1067	11.79
Others	4.35	14.02	3.24	11.71	745	4.25	14.75	3.25	12.74	764	-
<b>All India</b>	<b>31.03</b>	<b>100.00</b>	<b>27.69</b>	<b>100.00</b>	<b>892</b>	<b>28.78</b>	<b>100.00</b>	<b>25.46</b>	<b>100.00</b>	<b>885</b>	<b>23.10</b>

Source: E&S Division, DA&FW

Note: States have been arranged in descending order of percentage share of production during 2021-22.

# Fourth Advance Estimates.

\*-Provisional

**2.14 (b): Nine Oilseeds: Area, Production and Yield during 2020-21 and 2021-22 in major Producing States alongwith coverage under Irrigation**

State	2021-22#					2020-21					Area - Million Hectares
											Production - Million Tonnes
											Yield - Kg./ Hectare
	Area	% to	Production	% to	Yield	Area	% to	Production	% to	Yield	Area Under Irrigation(%)
		All - India		All - India			All - India		All - India		2019-20*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Rajasthan	5.76	19.75	8.39	22.25	1456	5.19	18.01	7.98	22.21	1538	57.96
Madhya Pradesh	7.50	25.70	7.92	21.02	1057	8.20	28.45	6.33	17.62	772	6.82
Gujarat	3.32	11.40	6.90	18.30	2075	3.36	11.64	6.19	17.22	1844	39.52
Maharashtra	5.09	17.47	5.90	15.64	1158	4.72	16.39	6.72	18.69	1422	1.92
Haryana	0.74	2.54	1.40	3.71	1890	0.67	2.33	1.35	3.75	2008	91.57
Uttar Pradesh	1.21	4.14	1.24	3.29	1026	1.20	4.15	1.28	3.55	1066	60.14
West Bengal	0.96	3.28	1.19	3.16	1247	0.94	3.24	1.11	3.09	1189	87.84
Karnataka	1.25	4.27	1.17	3.11	942	1.21	4.19	1.25	3.48	1033	32.01
Tamilnadu	0.43	1.47	0.98	2.60	2290	0.47	1.64	1.06	2.96	2244	66.84
Others	2.92	10.00	2.61	6.91	894	2.87	9.95	2.67	7.43	931	-
<b>All India</b>	<b>29.17</b>	<b>100.00</b>	<b>37.70</b>	<b>100.00</b>	<b>1292</b>	<b>28.83</b>	<b>100.00</b>	<b>35.95</b>	<b>100.00</b>	<b>1247</b>	<b>31.85</b>

Source: E&S Division, DA&FW

Note: States have been arranged in descending order of percentage share of production during 2021-22.

# Fourth Advance Estimates.

\*-Provisional

**2.19 (b): Cotton: Area, Production and Yield during 2020-21 and 2021-22 in major Producing States alongwith coverage under Irrigation**

State											Area - Million Hectares
											Production - Million Bales ( 170 kg. each)
											Yield - Kg./ Hectare
	<u>2021-22#</u>					<u>2020-21</u>					Area
	Area	% to	Production	% to	Yield	Area	% to	Production	% to	Yield	Under Irrigation(%)
		All - India		All - India			All - India		All - India		2019-20*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Gujarat	2.28	19.17	7.48	23.98	557	2.27	17.09	7.21	20.46	540	69.50
Maharashtra	3.95	33.20	7.12	22.81	306	4.54	34.20	10.11	28.67	378	2.71
Telangana	1.89	15.86	6.07	19.44	546	2.36	17.74	5.80	16.45	418	13.59
Rajasthan	0.76	6.35	2.48	7.95	558	0.81	6.08	3.21	9.10	675	97.42
Karnataka	0.67	5.60	1.95	6.25	497	0.82	6.17	2.32	6.58	481	25.30
Andhra Pradesh	0.55	4.65	1.71	5.47	524	0.61	4.56	1.60	4.54	449	18.00
Madhya Pradesh	0.56	4.70	1.42	4.55	431	0.59	4.42	1.34	3.80	387	67.27
Haryana	0.64	5.34	1.32	4.22	352	0.74	5.57	1.82	5.17	419	97.57
Others	0.61	5.13	1.66	5.32	462	0.55	4.17	1.84	5.23	565	-
<b>All India</b>	<b>11.91</b>	<b>100.00</b>	<b>31.20</b>	<b>100.00</b>	<b>445</b>	<b>13.29</b>	<b>100.00</b>	<b>35.25</b>	<b>100.00</b>	<b>451</b>	<b>35.80</b>

Source: E&S Division, DA&FW

'Note: States have been arranged in descending order of percentage share of production during 2021-22.

# Fourth Advance Estimates.

\*-Provisional

**2.21 (b): Sugarcane: Area, Production and Yield during 2020-21 and 2021-22 in major Producing States alongwith coverage under Irrigation**

Area - Million Hectares

Production - Million Tonnes

Yield - Kg./ Hectare

State	2021-22#					2020-21					Area Under Irrigation(%) 2019-20*
	Area	% to All - India	Production	% to All - India	Yield	Area	% to All - India	Production	% to All - India	Yield	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Uttar Pradesh	2.18	42.29	177.43	41.09	81500	2.18	44.94	178.34	43.99	81807	95.98
Maharashtra	1.23	23.94	110.54	25.60	89700	1.14	23.56	105.14	25.93	91999	100.00
Karnataka	0.64	12.37	61.15	14.16	96000	0.44	9.13	42.53	10.49	96000	99.49
Gujarat	0.22	4.33	17.46	4.04	78307	0.22	4.52	16.95	4.18	77327	98.92
Tamilnadu	0.15	2.84	15.46	3.58	105860	0.13	2.63	13.28	3.28	104030	99.99
Bihar	0.21	4.10	12.06	2.79	57131	0.22	4.56	12.11	2.99	54766	88.13
Haryana	0.11	2.09	8.75	2.03	81231	0.10	2.04	8.53	2.10	86179	99.98
Punjab	0.09	1.69	7.15	1.66	82051	0.09	1.84	7.49	1.85	83841	96.29
Madhya Pradesh	0.09	1.81	5.38	1.25	57840	0.10	1.96	5.44	1.34	57270	99.95
Andhra Pradesh	0.05	0.91	3.65	0.85	77748	0.06	1.13	4.14	1.02	75248	92.26
Uttarakhand	0.04	0.85	3.52	0.82	80000	0.05	0.95	3.68	0.91	80000	99.21
Others	0.14	2.76	9.27	2.15	65123	0.13	2.74	7.77	1.92	58379	-
<b>All India</b>	<b>5.15</b>	<b>100.00</b>	<b>431.81</b>	<b>100.00</b>	<b>83887</b>	<b>4.85</b>	<b>100.00</b>	<b>405.40</b>	<b>100.00</b>	<b>83566</b>	<b>96.46</b>

Source: E&S Division, DA&FW

'Note: States have been arranged in descending order of percentage share of production during 2021-22.

# Fourth Advance Estimates.

\*-Provisional

### 1.1(a): Population and Agricultural Workers

Year	Total Population	Average Annual Exponential Growth Rate (%)	Rural Population	Total Workers	(In Million)		
					Agricultural Workers		Total
					Cultivators	Agricultural Labourers	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1951	361.1	1.25	298.6 (82.7)	139.5	69.9 (71.9)	27.3 (28.1)	97.2 (69.7)
1961	439.2	1.96	360.3 (82.0)	188.7	99.6 (76.0)	31.5 (24.0)	131.1 (69.5)
1971	548.2	2.20	439.0 (80.1)	180.4	78.2 (62.2)	47.5 (37.8)	125.7 (69.7)
1981	683.3	2.22	525.5 (76.9)	244.6	92.5 (62.5)	55.5 (37.5)	148.0 (60.5)
1991	846.4	2.16	628.7 (74.5)	314.1	110.7 (59.7)	74.6 (40.3)	185.3 (59.0)
2001	1028.7	1.97	742.5 (72.2)	402.2	127.3 (54.4)	106.8 (45.6)	234.1 (58.2)
2011	1210.9	1.50	833.7 (68.9)	481.9	118.8 (45.1)	144.3 (54.9)	263.1 (54.6)

Source : Registrar General of India.



**1.2: State-wise Percentage of Population Below Poverty Line**

States/UTs	2004-05			2009-10			2011-12		
	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Andhra Pradesh	32.3	23.4	29.6	22.8	17.7	21.1	11.0	5.8	9.2
Arunachal Pradesh	33.6	23.5	31.4	26.2	24.9	25.9	38.9	20.3	34.7
Assam	36.4	21.8	34.4	39.9	26.1	37.9	33.9	20.5	32.0
Bihar	55.7	43.7	54.4	55.3	39.4	53.5	34.1	31.2	33.7
Chhattisgarh	55.1	28.4	49.4	56.1	23.8	48.7	44.6	24.8	39.9
Delhi	15.6	12.9	13.0	7.7	14.4	14.2	12.9	9.8	9.9
Goa	28.1	22.2	24.9	11.5	6.9	8.7	6.8	4.1	5.1
Gujarat	39.1	20.1	31.6	26.7	17.9	23.0	21.5	10.1	16.6
Haryana	24.8	22.4	24.1	18.6	23.0	20.1	11.6	10.3	11.2
Himachal Pradesh	25.0	4.6	22.9	9.1	12.6	9.5	8.5	4.3	8.1
Jammu & Kashmir	14.1	10.4	13.1	8.1	12.8	9.4	11.5	7.2	10.4
Jharkhand	51.6	23.8	45.3	41.6	31.1	39.1	40.8	24.8	37.0
Karnataka	37.5	25.9	33.3	26.1	19.6	23.6	24.5	15.3	20.9
Kerala	20.2	18.4	19.6	12.0	12.1	12.0	9.1	5.0	7.1
Madhya Pradesh	53.6	35.1	48.6	42.0	22.9	36.7	35.7	21.0	31.7
Maharashtra	47.9	25.6	38.2	29.5	18.3	24.5	24.2	9.1	17.4
Manipur	39.3	34.5	37.9	47.4	46.4	47.1	38.8	32.6	36.9
Meghalaya	14.0	24.7	16.1	15.3	24.1	17.1	12.5	9.3	11.9
Mizoram	23.0	7.9	15.4	31.1	11.5	21.1	35.4	6.4	20.4
Nagaland	10.0	4.3	8.8	19.3	25.0	20.9	19.9	16.5	18.9
Odisha	60.8	37.6	57.2	39.2	25.9	37.0	35.7	17.3	32.6
Puducherry	22.9	9.9	14.2	0.2	1.6	1.2	17.1	6.3	9.7
Punjab	22.1	18.7	20.9	14.6	18.1	15.9	7.7	9.2	8.3
Rajasthan	35.8	29.7	34.4	26.4	19.9	24.8	16.1	10.7	14.7
Sikkim	31.8	25.9	30.9	15.5	5.0	13.1	9.9	3.7	8.2
Tamil Nadu	37.5	19.7	29.4	21.2	12.8	17.1	15.8	6.5	11.3
Tripura	44.5	22.5	40.0	19.8	10.0	17.4	16.5	7.4	14.1
Uttar Pradesh	42.7	34.1	40.9	39.4	31.7	37.7	30.4	26.1	29.4
Uttarakhand	35.1	26.2	32.7	14.9	25.2	18.0	11.6	10.5	11.3
West Bengal	38.2	24.4	34.2	28.8	22.0	26.7	22.5	14.7	20.0
<b>All-India</b>	<b>42.0</b>	<b>25.5</b>	<b>37.2</b>	<b>33.8</b>	<b>20.9</b>	<b>29.8</b>	<b>25.7</b>	<b>13.7</b>	<b>21.9</b>

Source: NITI Aayog (erstwhile Planning Commission)

**1.3(a): Gross Value Added by Economic Activity at Constant (2011-12) Basic Prices**

(₹ crore)

S.No.	Industry	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20 <sup>@</sup>	2020-21*	2021-22*	2022-23 <sup>#</sup>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1.	<b>Agriculture, forestry and fishing</b>	<b>1501947</b>	<b>1524288</b>	<b>1609198</b>	<b>1605715</b>	<b>1616146</b>	<b>1726004</b>	<b>1840023</b>	<b>1878598</b>	<b>1994326</b>	<b>2076327</b>	<b>2149122</b>	<b>2221092</b>
1.1	Crops	982151	983809	1037060	998425	969344	1020258	1075111	1049211	1108603	1139447	1158250	-
1.2	Livestock	327334	344375	363558	390449	419637	461572	497830	540970	581714	617852	654937	-
1.3	Forestry and logging	124436	124743	132093	134609	136960	144547	152351	163949	173972	184015	188416	-
1.4	Fishing and aquaculture	68027	71362	76487	82232	90205	99627	114730	124468	130037	135013	147519	-
2.	<b>Mining and quarrying</b>	<b>261035</b>	<b>262609</b>	<b>263107</b>	<b>288685</b>	<b>317974</b>	<b>349248</b>	<b>329612</b>	<b>326815</b>	<b>317164</b>	<b>289905</b>	<b>310415</b>	<b>320898</b>
3.	<b>Manufacturing</b>	<b>1409986</b>	<b>1486873</b>	<b>1560709</b>	<b>1683938</b>	<b>1903850</b>	<b>2054764</b>	<b>2209428</b>	<b>2328992</b>	<b>2259706</b>	<b>2325438</b>	<b>2582473</b>	<b>2596858</b>
3.1	Food Products, Beverages and Tobacco	167524	154540	153560	157637	183150	202964	214366	258683	217690	215636	230870	-
3.2	Textiles, Apparel and Leather Products	153238	177398	216411	216429	258936	261079	280873	300013	290913	274216	348196	-
3.3	Metal Products	229627	238520	277322	261206	225306	285206	319555	326298	329198	376413	420772	-
3.4	Machinery and Equipment	334670	345731	324994	357017	429550	474418	533307	580847	535784	506856	569359	-
3.5	Other Manufactured Goods	524927	570684	588422	691649	806908	831097	861327	863152	889120	952317	1013277	-
4.	<b>Electricity, gas, water supply &amp; other utility services</b>	<b>186668</b>	<b>191635</b>	<b>199601</b>	<b>214047</b>	<b>224158</b>	<b>246496</b>	<b>272650</b>	<b>294147</b>	<b>300798</b>	<b>287757</b>	<b>316110</b>	<b>345038</b>
5.	<b>Construction</b>	<b>777335</b>	<b>780050</b>	<b>800771</b>	<b>835229</b>	<b>865335</b>	<b>916445</b>	<b>964306</b>	<b>1026789</b>	<b>1043429</b>	<b>983619</b>	<b>1129368</b>	<b>1232338</b>
6.	<b>Trade, repair, hotels and restaurants</b>	<b>883582</b>	<b>981620</b>	<b>1034506</b>	<b>1135841</b>	<b>1261426</b>	<b>1389322</b>	<b>1568175</b>	<b>1707781</b>	<b>1828868</b>	<b>1440312</b>	<b>1571355</b>	<b>2804870\$</b>
6.1	Trade & repair services	793681	888665	941941	1037640	1150121	1268230	1435984	1563237	1675607	1369375	1469374	-
6.2	Hotels & restaurants	89901	92955	92565	98201	111305	121092	132191	144544	153261	70938	101981	-
7.	<b>Transport, storage, communication &amp; services related to broadcasting</b>	<b>529534</b>	<b>569523</b>	<b>617556</b>	<b>671848</b>	<b>731399</b>	<b>757056</b>	<b>800245</b>	<b>830977</b>	<b>861192</b>	<b>719183</b>	<b>885092</b>	<b>-</b>
7.1	Railways	61150	69162	73685	80720	85452	82161	87886	91350	82303	65754	83107	-
7.2	Road transport	262442	282425	300563	320813	343155	362324	396401	417538	432160	321732	435534	-
7.3	Water transport	6910	7052	7345	7954	8095	8569	11915	12628	13016	12284	12771	-
7.4	Air transport	4393	4183	4550	5188	6053	7172	8373	9402	9158	3435	5446	-
7.5	Services incidental to transport	63602	66480	70172	75596	81156	86835	84351	89061	91356	81389	87916	-
7.6	Storage	5108	5716	5210	5529	6245	6100	12976	13784	14021	13687	18114	-
7.7	Communication & services related to broadcasting	125930	134505	156031	176047	201243	203896	198344	197215	219178	220902	242204	-
8.	<b>Financial, Real Estate &amp; Professional Services</b>	<b>1530877</b>	<b>1680031</b>	<b>1867407</b>	<b>2073715</b>	<b>2294787</b>	<b>2492967</b>	<b>2537191</b>	<b>2714221</b>	<b>2898244</b>	<b>2958852</b>	<b>3098827</b>	<b>3311208</b>
8.1	Financial services	480226	529792	577914	627255	672788	695983	728670	758170	784536	824562	830392	-
8.2	Real estate, ownership of dwelling & professional services	1050651	1150239	1289493	1446460	1621999	1796983	1808521	1956051	2113708	2134290	2268435	-
9.	<b>Public Administration, Defence &amp; other services</b>	<b>1025982</b>	<b>1069646</b>	<b>1110794</b>	<b>1203115</b>	<b>1276797</b>	<b>1395982</b>	<b>1512542</b>	<b>1625478</b>	<b>1732404</b>	<b>1600090</b>	<b>1755262</b>	<b>1880292</b>
9.1	Public administration and defence	491155	501383	510046	543853	565106	614238	676507	722773	762531	757616	792700	-
9.2	Other services	534827	568262	600748	659262	711691	781744	836035	902705	969873	842474	962562	-
10.	<b>GVA at basic prices</b>	<b>8106946</b>	<b>8546275</b>	<b>9063649</b>	<b>9712133</b>	<b>10491870</b>	<b>11328285</b>	<b>12034171</b>	<b>12733798</b>	<b>13236100</b>	<b>12681482</b>	<b>13798025</b>	<b>14712593</b>
11.	Total Net Value Added at basic prices	7189771	7535614	7963039	8533489	9220980	9946758	10544250	11119343	11504922	10848515	11849327	12634606
12.	Net taxes on Products	629383	666741	737721	815541	877623	979909	1110411	1259117	1298540	1005636	1127815	1258496
13.	Net Factor Income from Abroad	-76824	-108354	-122343	-124687	-134922	-144575	-145888	-152440	-141741	-190193	-306309	-324408
14.	NNI	7742330	8094001	8578417	9224343	9963681	10782092	11508774	12226019	12661722	11663958	12670834	13568694
15.	Per Capita Income (in Rupees)	63462	65538	68572	72805	77659	83003	87586	92133	94490	86054	92583	98118
16.	<b>GDP at market prices</b>	<b>8736329</b>	<b>9213017</b>	<b>9801370</b>	<b>10527674</b>	<b>11369493</b>	<b>12308193</b>	<b>13144582</b>	<b>13992914</b>	<b>14534641</b>	<b>13687118</b>	<b>14925840</b>	<b>15971090</b>

Source: National Statistical Office (NSO)

### 1.5: Selected Economic and Social Indicators

Indicators	1970-71	1980-81	1990-91	2000-01	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
Macro Economic Indicators																		
GDP <sup>a</sup> at current prices (₹ crore)	44382	136838	531814	2000743	7248860	8736329	9944013	11233522	12467959	13771874	15391669	17090042	18899668	20103593 <sup>®</sup>	19829927*	23471012 <sup>ˆ</sup>	27203767 <sup>†</sup>	
GDP <sup>a</sup> at constant prices (₹ crore)	589787	798506	1347889	2348481	4918533	8736329	9213017	9801370	10527674	11369493	12308193	13144582	13992914	14534641 <sup>®</sup>	13687118*	14925840 <sup>ˆ</sup>	15971090 <sup>†</sup>	
Per capita Income <sup>b</sup> at constant prices (₹)	10016	10712	14330	20418	36202	63462	65538	68572	72805	77659	83003	87586	92133	94490 <sup>®</sup>	86054*	92583 <sup>ˆ</sup>	98118 <sup>†</sup>	
Rate of Gross Capital Formation to GDP at current prices <sup>c</sup> (percentage)	15.1	19.2	26.0	24.3		36.5	39.0	38.7	33.8	33.5	32.1	32.0	33.9	33.8	30.4 <sup>®</sup>	27.9*	31.4 <sup>ˆ</sup>	NA
Rate of Gross Domestic Savings to GDP at current prices <sup>c</sup> (percentage)	14.3	17.8	22.9	23.7		33.7	34.6	33.9	32.1	32.2	31.1	31.4	32.1	31.8	29.6 <sup>®</sup>	28.8*	30.12 <sup>ˆ</sup>	NA
Index of Agricultural Production <sup>d</sup>	85.9	102.1	148.4	165.7	121.0	124.3	124.0	129.8	124.0	120.8	132.8	139.4	138.1	145.5	154.1	155.2 <sup>ˆ</sup>	NA	
Index of Industrial Production (IIP) <sup>e</sup>	28.1	43.1	91.6	162.6	165.5	170.3	103.3	106.7	111.0	114.7	120.0	125.3	130.1	129.0	118.1	131.6	134.3 <sup>†</sup>	
Wholesale Price Index (WPI) <sup>f</sup>	14.3	36.8	73.7	155.7	143.3	156.1	106.9	112.5	113.9	109.7	111.6	114.9	119.8	121.8	123.4	139.4	153.5 <sup>†</sup>	
Consumer Price Index for Industrial workers (CPI-IW) <sup>g</sup>	38.0	81.0	193.0	444.0	180.0	195.0	215.0	236.0	251.0	265.0	276.0	284.4	299.9	323.0	333.0	124.0	130.4 <sup>†</sup>	
Output																		
Foodgrains Production (million tonnes)	108.4	129.6	176.4	196.8	244.5	259.3	257.1	265.0	252.0	251.6	275.1	285.0	285.2	297.5	310.7	315.7**	NA	
Coal and Lignite Production (million tonnes)	76.3	119.0	225.5	332.6	570.4	582.3	602.9	610.0	657.4	683.0	703.1	722.7	773.0	772.9(P)	NA	NA	NA	
Crude Oil Production (million tonnes)	6.8	10.5	33.0	32.4	37.7	38.1	37.9	37.8	37.5	36.9	36.0	35.7	34.2	32.2	30.5	NA	NA	
Electricity Generated (utilities only) [billion KWH]	56.0	121.0	264.0	500.0	844.8	922.5	964.5	1026.7	1105.0	1167.6	1235.4	1303.3	1371.76	1383.44	1373.2	1484.4	NA	
Foreign Trade																		
Exports (₹ crore)	1535	6711	32553	203571	1136964	1465959	1634318	1905011	1896348	1716384	1849434	1956515	2307726	2219854	2159043	3147021	2648132 <sup>ˆ</sup>	
(US \$ million)	2031	8486	18143	44560	249816	305964	300401	314405	310338	262291	275852	303526	330078	313361	291808	422004	332763 <sup>ˆ</sup>	
Imports (₹ crore)	1634	12549	43198	230873	1683467	2345463	2669162	2715421	2737087	2490306	2577675	3001033	3594675	3360954	2915958	4572775	4397382 <sup>ˆ</sup>	
(US \$ million)	2162	15869	24075	50536	369769	489319	490737	450198	448033	381008	384357	465581	514078	474709	394436	613052.05	551704 <sup>ˆ</sup>	
Foreign exchange reserves <sup>h</sup> [excluding gold, SDRs and Reserve Tranche Position at IMF] (₹ crore)	438	4822	4388	184482	1224883	1330511	1412630	1660910	1985458	2219061	2244939	2597569	2665564	3333815	3924168	4094565	4119695 <sup>®</sup>	
(US \$ million)	584	5850	2236	39554	274330	260069	259726	276359	317324	336104	346319	399441.98	385356.86	442212.72	536693.39	540723.64	498022 <sup>®</sup>	
Social Indicators																		
Population (Million) <sup>h</sup>	548.2	683.3	846.4	1028.7	1186.0	1220.0	1235.0	1251.0	1267.0	1283.0	1299.0	1314.0	1327.0	1341.0	1355.0	1369.0	1383.0	
Birth Rate (per 1000)	36.9	33.9	29.5	25.4	21.8 <sup>i</sup>	21.6 <sup>i</sup>	21.4 <sup>i</sup>	21.0 <sup>i</sup>	20.8 <sup>i</sup>	20.4 <sup>i</sup>	20.2 <sup>i</sup>	NA	19.5 <sup>i</sup>	NA	NA	NA	NA	
Death Rate (per 1000)	14.9	12.5	9.8	8.4	7.1 <sup>i</sup>	7.0 <sup>i</sup>	7.0 <sup>i</sup>	6.7 <sup>i</sup>	6.5 <sup>i</sup>	6.4 <sup>i</sup>	6.3 <sup>i</sup>	NA	6 <sup>i</sup>	NA	NA	NA	NA	
Life Expectancy at Birth (in Years)	45.6	50.4	58.7	62.5	67.0	67.5	67.9	68.3	69.4 <sup>h</sup>	69.4 <sup>h</sup>	69.4 <sup>h</sup>	69.4 <sup>h</sup>	NA	NA	NA	NA	NA	
(a) Male	46.4	50.9	58.6	61.6	65.4	65.8	66.4	66.9	68.2 <sup>h</sup>	68.2 <sup>h</sup>	68.2 <sup>h</sup>	68.2 <sup>h</sup>	NA	NA	NA	NA	NA	
(b) Female	44.7	50.0	59.0	63.3	68.8	69.3	69.6	70.0	70.2 <sup>h</sup>	70.2 <sup>h</sup>	70.2 <sup>h</sup>	70.2 <sup>h</sup>	NA	NA	NA	NA	NA	
Education: Literacy Rate (%) <sup>j</sup>	34.4	43.6	52.2	64.8	73.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
(a) Male	46.0	56.4	64.1	75.3	82.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
(b) Female	22.0	29.8	39.3	53.7	65.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Source: Registrar General of India, Ministry of Finance, Department of Commerce, National Statistical Office and RBI.

Note: @: Third Revised Estimates; \*: Second Revised Estimates; †: First Revised Estimates; # : Second Advance Estimates (As on 28.02.2023)

\*\* As per 4th Advance Estimates

P-Provisional

NA- Not Available

a: GDP estimates prior to 2011-12 are at factor cost based on 2004-05 series. Estimates from 2011-12 onwards are based on 2011-12 series

b: Per capita Income prior to 2011-12 are based on constant (2004-05) prices and from 2011-12 onwards are based on constant (2011-12) prices

c: Figures upto 2010-11 are percentages of GDP at market prices (2004-05 series) and from 2011-12 onwards are percentage of GDP estimates based on 2011-12 series

d: Base year for data till 2000-01 is Triennium ending (T.E.) 1981-82 and for data from 2010-11 onwards is T.E. 2007-08

e: IIP and WPI from 2012-13 onwards are as per Base Year: 2011-12=100 and earlier data is based on old base years.

f: Figures from 201-22 onwards are based on Base Year: 2016=100 and earlier data is based on old base years.

g: As on end-March.

h: Relates to mid-financial year (as on October 1) based on estimated population figures of CSO

i: Estimates from Sample Registration System (SRS) Statistical Report, Office of RGI.

j: The figures for 1951 1961 and 1971 census relate to population aged 5 years and above and those for 1981, 1991, 2001 and 2011 to population aged 7 years and above.

k: Figures are for 2014-18 as given by RGI.

&: Calculated from April-October; #: Calculated from April-November

<: Agricultural crops as per 4th Advance Estimates & Horticulture crops as per 3rd Advance Estimates



**1.7(a): Gross Capital Formation (GCF) in Agriculture & Allied sector at Current Prices**

Year	GCF in Agriculture & Allied sector (₹ Crore)			GCF of Economy (by industry of use) (₹ Crore)			Share of GCF in Agriculture & Allied sector in GCF of Economy (%)		
	Public	Private	Total	Public	Private	Total	Public	Private	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2011-12	35696	238175	273870	658358	2547358	3205716	5.4	9.3	8.5
2012-13	39743	233747	273490	718648	2820849	3539498	5.5	8.3	7.7
2013-14	40827	290009	330836	794931	2865311	3660242	5.1	10.1	9.0
2014-15	47319	284545	331863	884470	3178620	4063089	5.3	9.0	8.2
2015-16	56167	242388	298555	1043697	3175873	4219570	5.4	7.6	7.1
2016-17	66895	281529	348424	1101593	3375162	4476754	6.1	8.3	7.8
2017-18	66916	295790	362706	1169731	3883450	5053181	5.7	7.6	7.2
2018-19	80077	331357	411434	1378583	4508074	5886657	5.8	7.4	7.0
2019-20*	-	-	432466	-	-	5855616	-	-	7.4
2020-21#	-	-	524873	-	-	5430096	-	-	9.7
2021-22@	-	-	557570	-	-	6949828	-	-	8.0

Source: National Statistics Office (NSO)

\*:3rd Revised Estimates, #:2nd Revised Estimates, @:1st Revised Estimates

Note : 1. GCF of economy (Public Sector) is the sum of GCF of Public Non-financial corporations, Public Financial Corporations and General Households

## 2.24: Production of Oilseeds & Oils and Net Availability of Edible Oils

(Quantity in Lakh Tonnes)

Oilseeds / Oils	2013-14		2014-15		2015-16		2016-17		2017-18		2018-19		2019-20		2020-21		2021-22*	
	Oilseeds	Oils	Oilseeds	Oils	Oilseeds	Oils	Oilseeds	Oils	Oilseeds	Oils	Oilseeds	Oils	Oilseeds	Oils	Oilseeds	Oils	Oilseeds	Oils
(1)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(32)	(33)
<b>A. Primary Source</b>																		
Groundnut	97.14	22.34	74.02	17.02	67.33	15.27	79.17	24.74	84.30	25.81	92.56	28.97	91.24	28.28	102.10	31.66	117.46	36.44
Rapeseed & Mustard	78.77	24.42	62.82	19.47	67.97	21.08	131.59	22.1	109.33	17.59	132.68	22.09	112.26	17.97	126.10	20.20	129.95	20.82
Soybean	118.60	18.97	103.74	16.60	85.70	13.73	74.82	17.16	92.53	20.82	67.27	15.18	99.52	22.90	102.44	23.23	101.07	22.92
Sunflower	5.04	1.86	4.34	1.43	2.96	0.98	2.51	0.8	2.22	0.70	2.16	0.73	2.13	0.72	2.28	0.76	2.52	0.84
Sesamum	7.15	2.21	8.68	2.57	8.50	2.65	7.47	2.45	7.55	2.34	6.89	2.36	6.58	2.34	8.17	2.55	7.62	2.38
Nigerseed	0.98	0.29	0.76	0.23	0.74	0.21	0.85	0.24	0.70	0.21	0.45	0.19	0.41	0.12	0.42	0.12	0.34	0.10
Safflower	1.13	0.31	0.90	0.27	0.53	0.15	0.94	0.22	0.55	0.14	0.25	0.07	0.44	0.09	0.36	0.10	0.57	0.16
Castor	17.27	6.91	18.70	7.48	17.52	8.16	13.76	4.99	15.68	5.51	11.97	4.27	18.42	6.50	16.47	5.79	16.11	5.66
Linseed	1.41	0.41	1.55	0.47	1.25	0.32	1.84	0.39	1.74	0.44	0.99	0.40	1.21	0.28	1.11	0.28	1.35	0.34
<b>Sub Total</b>	<b>327.49</b>	<b>77.52</b>	<b>275.51</b>	<b>65.54</b>	<b>252.50</b>	<b>60.55</b>	<b>312.76</b>	<b>73.09</b>	<b>314.59</b>	<b>73.56</b>	<b>315.22</b>	<b>74.26</b>	<b>332.19</b>	<b>79.20</b>	<b>359.45</b>	<b>84.70</b>	<b>376.57</b>	<b>89.66</b>
<b>B. Secondary Source</b>																		
Coconut	-	5.30	-	4.80	-	4.32	-	5.2	-	6.01	-	5.90	-	5.95	-	5.95	-	5.56
Palm Oil	-	-	-	1.71	-	1.98	-	2.3	-	2.20	-	2.7	-	2.77	-	2.77	-	3.58
Cottonseed	-	12.40	-	12.15	-	10.05	-	12.24	-	12.64	-	11.23	-	12.71	-	12.21	-	10.81
Ricebran	-	8.10	-	9.20	-	9.90	-	10.31	-	10.69	-	10.68	-	10.68	-	10.68	-	10.90
Solvent Extracted Oils	-	3.10	-	3.00	-	3.50	-	2.85	-	3.50	-	3.25	-	3.50	-	3.50	-	3.50
Tree & Forest Origin	-	1.20	-	1.60	-	1.50	-	1.5	-	1.50	-	1.50	-	1.50	-	1.50	-	1.50
<b>Sub Total</b>	<b>-</b>	<b>30.10</b>	<b>-</b>	<b>32.46</b>	<b>-</b>	<b>31.25</b>	<b>-</b>	<b>34.4</b>	<b>-</b>	<b>36.54</b>	<b>-</b>	<b>35.26</b>	<b>-</b>	<b>37.11</b>	<b>-</b>	<b>36.61</b>	<b>-</b>	<b>35.85</b>
<b>Total(A+B)</b>	<b>-</b>	<b>107.62</b>	<b>-</b>	<b>98.00</b>	<b>-</b>	<b>91.80</b>	<b>-</b>	<b>107.49</b>	<b>-</b>	<b>110.10</b>	<b>-</b>	<b>109.52</b>	<b>-</b>	<b>116.31</b>	<b>-</b>	<b>121.31</b>	<b>-</b>	<b>125.51</b>
<b>C. Less: Exports &amp; Industrial Use</b>	<b>-</b>	<b>7.10</b>	<b>-</b>	<b>5.94</b>	<b>-</b>	<b>5.50</b>	<b>-</b>	<b>6.5</b>	<b>-</b>	<b>6.30</b>	<b>-</b>	<b>6.00</b>	<b>-</b>	<b>9.76</b>	<b>-</b>	<b>9.80</b>	<b>-</b>	<b>9.80</b>
<b>D. Net Domestic Availability of Edible Oils</b>	<b>-</b>	<b>101.90</b>	<b>-</b>	<b>92.06</b>	<b>-</b>	<b>86.3</b>	<b>-</b>	<b>100.99</b>	<b>-</b>	<b>103.8</b>	<b>-</b>	<b>103.52</b>	<b>-</b>	<b>106.55</b>	<b>-</b>	<b>111.51</b>	<b>-</b>	<b>115.71</b>
<b>E.Import of Edible Oils \$</b>	<b>-</b>	<b>109.76</b>	<b>-</b>	<b>138.53</b>	<b>-</b>	<b>148.50</b>	<b>-</b>	<b>153.17</b>	<b>-</b>	<b>145.92</b>	<b>-</b>	<b>155.7</b>	<b>-</b>	<b>134.16</b>	<b>-</b>	<b>134.52</b>	<b>-</b>	<b>141.94</b>
<b>F. Total Availability/ Consumption of Edible Oils</b>	<b>-</b>	<b>211.66</b>	<b>-</b>	<b>230.59</b>	<b>-</b>	<b>234.80</b>	<b>-</b>	<b>254.16</b>	<b>-</b>	<b>249.72</b>	<b>-</b>	<b>259.22</b>	<b>-</b>	<b>240.71</b>	<b>-</b>	<b>246.03</b>	<b>-</b>	<b>257.65</b>

Source:- Directorate of Vanaspathi, Vegetable Oils and Fats

\* Based on 4th Advance Estimates (declared by Ministry of Agriculture on 11.08.2021)

\$ As per data from Directorate General of Commercial Intelligence & Statistics, Department of Commerce



**2.58: India's Imports and Exports of Principal Agricultural Commodities**

(Value in ₹ Crore)

Year	Agricultural Imports	Total National Imports	% of Agricultural Imports to Total National Imports	Agricultural Exports	Total National Exports	% of Agricultural Exports to Total National Exports
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1990-91	1205.86	43198.00	2.79	6012.76	32553.00	18.47
1991-92	1478.27	47850.84	3.09	7838.04	44041.81	17.80
1992-93	2876.25	63374.52	4.54	9040.30	53688.26	16.84
1993-94	2327.33	73101.01	3.18	12586.55	69748.85	18.05
1994-95	5937.21	89970.70	6.60	13222.76	82673.40	15.99
1995-96	5890.10	122678.14	4.80	20397.74	106353.35	19.18
1996-97	6612.60	138919.88	4.76	24161.29	118817.32	20.33
1997-98	8784.19	154176.29	5.70	24832.45	130100.64	19.09
1998-99	14566.48	178331.69	8.17	25510.64	139751.77	18.25
1999-00	16066.73	215528.53	7.45	25313.66	159095.20	15.91
2000-01	12086.23	230872.75	5.24	28657.37	203571.00	14.08
2001-02	16256.61	245199.71	6.63	29728.61	209017.96	14.22
2002-03	17608.83	297205.86	5.92	34653.94	255137.26	13.58
2003-04	21972.68	359107.61	6.12	36415.48	293366.74	12.41
2004-05	22811.84	481371.53	4.74	41602.65	375339.51	11.08
2005-06	15977.75	574190.89	2.78	45710.97	456417.85	10.02
2006-07	23000.28	840506.30	2.74	57767.87	571779.27	10.10
2007-08	22549.81	1012311.69	2.23	74673.48	655863.51	11.39
2008-09	28719.24	1374435.37	2.09	81064.52	840755.05	9.64
2009-10	54365.29	1363735.54	3.99	84443.95	845533.63	9.99
2010-11	51073.97	1683466.96	3.03	113046.58	1136964.25	9.94
2011-12	70164.51	2345463.23	2.99	182801.00	1465959.39	12.47
2012-13	95718.89	2669161.95	3.59	227192.61	1634318.28	13.90
2013-14	85727.30	2715420.78	3.16	262778.54	1905011.08	13.79
2014-15	121319.02	2736676.99	4.43	239681.04	1896348.42	12.64
2015-16	140289.22	2490303.76	5.63	215396.32	1716384.39	12.55
2016-17	164726.83	2577671.14	6.39	226651.91	1849433.55	12.26
2017-18	152095.20	3001033.00	5.07	251563.94	1956514.52	12.86
2018-19	137019.46	3594674.22	3.81	274571.28	2307726.19	11.90
2019-20	147445.81	3360954.45	4.39	252976.06	2219854.17	11.40
2020-21	154510.72	2915958.00	5.30	308830.00	2159043.00	14.30
2021-22 (P)	231850.27	4572774.59	5.07	375662.47	3147021.49	11.94

Source:- Directorate General of Commercial Intelligence &amp; Statistics, Department of Commerce

2.59 : India's Imports of Principal Agricultural Commodities

2.39 : India's Imports of Principal Agricultural Commodities											(Quantity: '000 tonnes) (Value in ₹ Crore)
Commodity	2009-10		2010-11		2011-12		2012-13		2013-14		
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
Tea	34.46	276.52	20.82	202.00	22.43	218.91	22.30	274.52	22.74	291.68	
Coffee	40.88	297.34	41.63	295.00	46.06	469.52	71.20	795.72	59.94	729.02	
Rice- Basmati	0.00	0.00	0.00	0.00	0.46	2.47	0.00	0.00	0.00	0.00	
Rice (other than Basmati)	0.07	0.37	0.19	0.92	0.60	3.00	0.72	3.96	1.44	8.29	
Wheat	164.38	231.90	185.28	255.84	0.02	0.08	2.94	6.03	11.27	26.92	
Other cereals	33.69	76.33	30.68	59.53	15.36	30.04	45.58	111.01	22.32	98.03	
Pulses	3749.99	10629.16	2777.83	7512.49	3495.84	9448.35	4013.24	13344.63	3177.89	11036.75	
Tobacco unmanufactured	1.07	37.76	1.32	44.61	2.02	68.57	2.17	91.94	1.55	79.52	
Tobacco manufactured	-	78.73	-	80.36	-	113.01	-	155.01	-	168.87	
Spices	161.78	1476.04	124.49	1595.91	146.77	2284.85	175.56	2715.76	155.58	3451.69	
Cashew	755.96	3047.50	529.73	2649.07	811.90	5381.43	898.52	5433.91	776.33	4667.80	
Cashew nut shell liquid	0.00	0.00	0.04	0.07	0.20	0.32	0.14	0.33	0.38	2.08	
Sesame seeds	9.23	53.26	8.73	37.66	0.61	3.93	38.05	296.03	72.93	808.64	
Niger seeds	3.50	13.33	0.23	0.79	0.12	0.39	0.00	0.00	0.70	3.73	
Groundnut	0.39	1.70	0.00	0.00	0.10	0.47	0.04	0.29	0.11	0.36	
Other oil seeds	56.94	118.18	44.95	74.76	41.22	88.77	44.26	109.74	54.70	166.79	
Vegetable oils	6734.45	22316.68	6039.02	25919.59	7081.98	38909.02	9606.24	53561.61	7942.90	44038.04	
Oil meals	127.73	104.69	79.22	75.03	86.13	98.72	148.30	210.38	126.94	199.87	
Guar meal	0.07	2.41	0.09	2.66	0.30	9.90	0.57	33.61	0.38	21.85	
Castor oil	0.06	0.44	0.01	0.91	0.06	1.29	0.14	2.23	0.07	2.04	
Shellac	3.55	34.10	3.29	50.55	0.54	22.15	2.78	172.61	0.68	45.80	
Sugar	2551.42	5965.80	1034.58	2789.54	99.71	313.83	1122.25	3094.38	880.96	2286.86	
Mollases	45.54	32.29	7.29	6.15	12.40	4.35	14.68	7.50	15.07	8.93	
Fruits / vegetable seeds	12.67	284.42	11.14	291.22	13.18	380.15	16.05	471.10	8.29	449.48	
Fresh fruits	562.19	2843.47	630.23	3586.51	723.27	4610.84	802.14	6180.47	769.14	7715.96	
Fresh vegetables	5.40	8.14	16.61	40.60	5.04	7.31	7.03	11.24	25.98	41.67	
Processed vegetables	-	77.90	-	117.48	-	120.19	-	149.01	-	173.94	
Processed fruits and juices	-	191.12	-	251.54	-	314.93	-	432.02	-	410.83	
Cereal preparations	39.11	188.92	37.73	243.43	45.82	316.39	50.42	359.98	53.47	419.34	
Cocoa products	25.23	376.08	33.80	584.21	5.08	934.32	53.33	1049.25	51.63	1071.55	
Milled products	2.49	9.76	3.74	10.96	2.88	11.88	4.52	23.75	3.98	22.01	
Misc processed items	-	552.34	-	664.01	-	915.19	-	1268.33	-	1474.47	
Animal casings	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Buffalo meat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sheep/goat meat	0.04	1.22	0.03	0.80	0.01	0.21	0.02	1.52	0.06	5.13	
Other meat	0.33	6.67	0.35	7.01	0.54	12.48	0.43	15.71	0.36	15.80	
Processed meat	1.41	9.79	0.78	7.56	0.96	9.74	0.57	9.02	0.39	7.64	
Dairy products	-	333.64	-	847.83	-	1219.41	-	184.25	-	232.68	
Poultry products	-	26.72	-	14.46	-	19.72	-	18.29	-	23.39	
Floriculture products	-	45.88	-	45.48	-	68.64	-	85.67	-	112.19	
Alcoholic beverages	-	1244.26	-	1029.13	-	1309.77	-	1416.77	-	2076.18	
Marine products	27.35	303.09	28.35	429.04	34.22	569.53	28.10	452.70	31.22	411.01	
Ayush and herbal products	17.73	136.36	8.16	155.12	0.89	184.75	10.96	243.75	10.86	318.50	
Jute, raw	62.66	149.49	83.30	302.49	181.26	449.17	148.73	370.79	52.65	146.25	
Jute hessian	-	231.22	-	169.43	-	177.34	-	87.34	-	79.92	
Cotton raw incld. Waste	-	1241.37	-	622.24	-	1059.19	232.55	2466.74	180.97	2375.78	
<b>Total Agricultural Imports</b>	-	<b>53056.37</b>	-	<b>51073.97</b>	-	<b>70164.51</b>	-	<b>95718.89</b>	-	<b>85727.30</b>	
<b>Total National Imports</b>	-	<b>1363735.55</b>	-	<b>1683466.96</b>	-	<b>2345463.24</b>	-	<b>2669161.96</b>	-	<b>2715433.91</b>	
<b>% Share of Agricultural Imports in National Imports</b>	-	<b>3.89</b>	-	<b>3.03</b>	-	<b>2.99</b>	-	<b>3.59</b>	-	<b>3.16</b>	

contd.

2.65: Consumer Price Index (Combined) and growth rate (Inflation) of Food and Beverages (Base: 2012=100)

Group/ Sub-Group	Weight	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
<b>General Index (All Groups)</b>	<b>100</b>	<b>102.5</b>	<b>112.2</b>	<b>118.9</b>	<b>124.7</b>	<b>130.3</b>	<b>135.0</b>	<b>139.6</b>	<b>146.3</b>	<b>155.3</b>	<b>165.1</b>
			<b>(9.4)</b>	<b>(5.9)</b>	<b>(4.9)</b>	<b>(4.5)</b>	<b>(3.6)</b>	<b>(3.4)</b>	<b>(4.8)</b>	<b>(6.1)</b>	<b>(6.3)</b>
<b>Food and Beverages</b>	<b>45.86</b>	<b>103.3</b>	<b>115.6</b>	<b>123.1</b>	<b>129.4</b>	<b>135.2</b>	<b>138.1</b>	<b>139.1</b>	<b>147.5</b>	<b>158.3</b>	<b>166.3</b>
			<b>(11.9)</b>	<b>(6.5)</b>	<b>(5.1)</b>	<b>(4.4)</b>	<b>(2.2)</b>	<b>(0.7)</b>	<b>(6.0)</b>	<b>(7.3)</b>	<b>(5.1)</b>
Cereals & Products	9.67	103.8	116.6	122.6	124.9	130.2	134.7	137.5	141.4	146.8	148.5
			(12.3)	(5.2)	(1.8)	(4.2)	(3.5)	(2.1)	(2.8)	(3.8)	(1.1)
Meat and fish	3.61	103.7	112.6	121.0	128.2	134.8	141.3	148.8	162.6	187.7	203.8
			(8.6)	(7.5)	(6.0)	(5.1)	(4.8)	(5.3)	(9.3)	(15.4)	(8.6)
Egg	0.43	103.7	115.0	118.7	121.5	129.6	134.3	137.3	143.5	162.0	174.1
			(10.9)	(3.2)	(2.3)	(6.7)	(3.6)	(2.3)	(4.5)	(12.9)	(7.4)
Milk and products	6.61	102.2	111.0	122.5	128.8	134.1	139.6	142.2	146.3	154.2	159.4
			(8.6)	(10.3)	(5.2)	(4.1)	(4.1)	(1.8)	(2.9)	(5.4)	(3.4)
Oils and fats	3.56	102.8	105.6	108.1	112.7	117.3	119.2	121.6	125.1	136.8	187.8
			(2.7)	(2.4)	(4.3)	(4.0)	(1.6)	(2.1)	(2.9)	(9.4)	(37.2)
Fruits	2.89	103.0	111.9	127.4	129.4	135.6	141.9	145.2	146.2	149.9	161.1
			(8.6)	(13.9)	(1.5)	(4.8)	(4.6)	(2.3)	(0.7)	(2.6)	(7.5)
Vegetables	6.04	105.7	137.5	142.3	144.2	141.1	149.3	141.6	171.7	181.7	170.3
			(30.2)	(3.4)	(1.4)	(-2.2)	(5.8)	(-5.2)	(21.3)	(5.8)	(-6.3)
Pulses and products	2.38	102.9	107.5	116.0	153.0	167.2	132.1	121.1	133.1	154.9	164.5
			(4.4)	(7.9)	(31.9)	(9.3)	(-21.0)	(-8.3)	(9.9)	(16.4)	(6.2)
Sugar and confectionery	1.36	103.0	102.1	101.7	94.5	113.0	119.9	111.5	112.5	106.3	118.5
			(-0.9)	(-0.4)	(-7.0)	(19.6)	(6.1)	(-7.0)	(0.8)	(-5.5)	(11.5)
Spices	2.5	100.9	108.2	117.5	128.8	138.0	136.4	139.4	145.5	161.4	171.7
			(7.3)	(8.6)	(9.6)	(7.1)	(-1.1)	(2.2)	(4.4)	(10.9)	(6.4)
Non-alcoholic beverages	1.26	102.2	110.6	115.8	121.0	125.7	128.5	131.8	135.2	146.3	163.1
			(8.3)	(4.7)	(4.5)	(3.9)	(2.2)	(2.6)	(2.6)	(8.2)	(11.5)
Prepared meals; snacks; sweets etc.	5.55	103.2	114.8	124.1	132.9	140.5	147.4	153.4	157.2	164.3	175.5
			(11.2)	(8.1)	(7.1)	(5.7)	(4.9)	(4.1)	(2.4)	(4.5)	(6.8)
<b>Consumer Food Price Index</b>	<b>39.06</b>	<b>103.4</b>	<b>115.9</b>	<b>123.2</b>	<b>129.2</b>	<b>129.2</b>	<b>137.1</b>	<b>137.3</b>	<b>146.5</b>	<b>157.8</b>	<b>165.0</b>
			<b>(12.1)</b>	<b>(6.4)</b>	<b>(4.9)</b>	<b>(0.0)</b>	<b>(6.1)</b>	<b>(0.1)</b>	<b>(6.7)</b>	<b>(7.7)</b>	<b>(4.6)</b>

Source: National Statistical Office

Notes:

1. Figures are as per New CPI series introduced from January 2011. Data for this series is available with Base: 2012=100

2. Yearly indices are simple average of monthly indices

3. Figures in the parentheses show percentage Growth Rate (inflation) of CPI

4. Data is imputed for certain commodities for April, 2020 and May 2020 as due to COVID it was not feasible for the field enumerators to visit the specified retail outlets to collect data/price quotations

Imputed Sub-group Index (Food Group) = (Last Observed Index of Sub-group) x (Food Index of Current Month/Food Index of last Observed Month)

Imputed Sub-group Index (Non-Food Group) = (Last Observed Index of Sub-group) x (General CPI of Current Month/General CPI of last Observed Month)

5. CPI for 2021-22 is calculated with provisional data for the month of September 2021

### 3.13 : Production and Use of Agricultural Inputs in India

Programme	Unit	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
(1)	(2)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(22)
<b>1. Seeds</b>												
(i) Production of Breeder Seeds	Thousand Qtls.	123.38	110.20	82.29	86.21	90.37	110.71	105.08	104.26	92.7	91.16	93.54
(ii) Production of Foundation Seeds	Lakh Qtls.	22.26	16.17	17.43	15.76	14.95	22.09	19.54	18.00	22.25	24.12	21.40
(iii) Distribution of Certified/Quality Seeds	Lakh Qtls.	294.85	313.44	301.39	303.12	304.04	348.58	352.01	320.41	383.72	421.09	430.31
<b>2. Consumption of Chemical Fertilisers</b>												
Nitrogenous (N)	Thousand Tonnes	17300	16821	16750	16946	17372	16735	16958	17628	19100	20404	19438
Phosphatic(P)	Thousand Tonnes	7914	6653	5633	6098	6979	6705	6854	6968	7662	8978	7828
Potassic(K)	Thousand Tonnes	2576	2062	2099	2532	2402	2508	2779	2779	2607	3154	2529
Total (N+P+K)	Thousand Tonnes	27790	25536	24482	25576	26753	25949	26591	27375	29369	32536	29796
Per Hectare	Kgs	142.05	131.46	121.83	128.94	135.76	123.41	127.55	132.57	133.44	137.15	-
<b>3. Consumption of Pesticides (Technical Grade Material)</b>												
Thousand Tonnes	Thousand Tonnes	52.98	45.62	60.28	56.27	56.72	58.63	63.41	59.67	61.70	62.19	58.72

Source: Department of Agriculture & Farmers Welfare

**3.18(b) : State-wise Consumption of Electricity for Agricultural Purposes**

State/UTs	2020-21			2021-22 (P)		
	Agriculture (GWh)	Total Energy Sold (GWh)	% Share of Consumption of Agriculture	Agriculture (GWh)	Total Energy Sold (GWh)	% Share of Consumption of Agriculture
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>Northern Region</b>						
Chandigarh	1.37	1349.09	0.10	1.43	1409.33	0.10
Delhi	39.44	26319.22	0.15	33.10	27624.83	0.12
Haryana	10087.50	41943.83	24.05	9123.54	46035.71	19.82
Himachal Pradesh	72.64	8635.31	0.84	85.10	10198.09	0.83
Jammu & Kashmir	361.57	9984.32	3.62	375.42	10185.37	3.69
Punjab	13092.85	50285.69	26.04	12572.46	53353.27	23.56
Rajasthan	28525.48	64888.34	43.96	28816.56	69603.64	41.40
Uttar Pradesh	18931.27	93600.08	20.23	18956.52	97321.54	19.48
Uttarakhand	189.99	11225.05	1.69	430.00	12518.80	3.43
<b>Sub-Total (NR)</b>	<b>71302.10</b>	<b>308230.92</b>	<b>23.13</b>	<b>70394.12</b>	<b>328250.57</b>	<b>21.45</b>
<b>Western Division</b>						
Chhattisgarh	5902.81	23361.34	25.27	5933.05	25161.29	23.58
Gujarat	12663.82	92275.88	13.72	13791.38	106151.65	12.99
Madhya Pradesh	25645.52	60954.12	42.07	26521.52	65812.24	40.30
Maharashtra	33912.33	126423.05	26.82	36253.20	141170.12	25.68
Daman & Diu	3.40	2136.68	0.16	3.37	2482.36	0.14
D & N Haveli	4.85	5286.39	0.09	5.25	6379.94	0.08
Goa	31.25	3700.21	0.84	31.13	4113.58	0.76
<b>Sub-Total (WR)</b>	<b>78163.98</b>	<b>314137.68</b>	<b>24.88</b>	<b>82538.90</b>	<b>351271.17</b>	<b>23.50</b>
<b>Southern Region</b>						
Andhra Pradesh	9368.73	51756.03	18.10	14114.03	62592.64	22.55
Telangana	22260.11	57896.31	38.45	22159.18	62153.84	35.65
Karnataka	22337.19	62783.14	35.58	21935.73	60959.62	35.98
Kerala	412.02	22598.78	1.82	384.69	23931.48	1.61
Tamil Nadu	13974.68	94592.04	14.77	13436.25	101957.96	13.18
Puducherry	68.57	2603.14	2.63	61.71	2773.64	2.22
Lakshadweep	0.00	53.10	0.00	0.00	50.25	0.00
<b>Sub-Total (SR)</b>	<b>68421.30</b>	<b>292282.54</b>	<b>23.41</b>	<b>72091.59</b>	<b>314419.41</b>	<b>22.93</b>
<b>Eastern Region</b>						
Bihar	1149.30	24108.37	4.77	1140.86	26000.33	4.39
Jharkhand (estimated) \$	203.60	21375.17	0.95	178.05	22773.15	0.78
Odisha	644.66	20609.57	3.13	781.42	21561.37	3.62
West Bengal \$	1332.23	48393.90	2.75	1224.59	58097.75	2.11
Sikkim	0.00	414.77	0.00	0.00	440.60	0.00
A & N Islands	1.11	245.13	0.45	1.18	267.30	0.44
<b>Sub-Total (ER)</b>	<b>3330.90</b>	<b>115146.91</b>	<b>2.89</b>	<b>3326.10</b>	<b>129140.50</b>	<b>2.58</b>
<b>North Eastern Region</b>						
Arunachal Pradesh	0.77	405.11	0.19	0.06	518.25	0.01
Assam	39.00	7356.29	0.53	54.23	8520.06	0.64
Manipur	7.08	651.30	1.09	7.19	731.70	0.98
Meghalaya	0.14	1326.45	0.01	0.13	906.67	0.01
Mizoram	0.16	453.54	0.04	0.00	660.92	0.00
Nagaland	0.00	682.57	0.00	0.00	654.23	0.00
Tripura	38.00	982.33	3.87	39.15	1051.06	3.72
<b>Sub-Total (NER)</b>	<b>85.15</b>	<b>11857.59</b>	<b>0.72</b>	<b>100.76</b>	<b>13042.89</b>	<b>0.77</b>
<b>Total(All India)</b>	<b>221303.44</b>	<b>1041655.63</b>	<b>21.25</b>	<b>228451.47</b>	<b>1136124.53</b>	<b>20.11</b>

Source: Central Electricity Authority, New Delhi

GWh: Giga Watt-hour

\$ -Includes Damodar Valley Corporation(DVC) sales to ultimate consumers in Jharkhand & West Bengal area

P-Provisional



### 3.19 (a): Flow of Institutional Credit to Agriculture Sector

(₹ in Crore)

Particulars/Agency	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23(P)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
<b>I. Production (ST) Credit</b>											
Co-operative Banks	102592	113574	130350	143803	131880	136102	142750	148287	179267	229093	164034
RRBs	55957	70697	89326	101579	105001	119790	125654	138069	156369	166782	208058
Commercial Banks	314951	364164	415736	419930	452576	497322	483805	538795	558121	703804	642349
<b>Sub Total (A)</b>	<b>473500</b>	<b>548435</b>	<b>635412</b>	<b>665312</b>	<b>689457</b>	<b>753214</b>	<b>752209</b>	<b>825151</b>	<b>893757</b>	<b>1099679</b>	<b>1014441</b>
<b>II. MT/LT Credit</b>											
Co-operative Banks	8611	6389	8119	9492	10878	14219	9591	9080	11415	14127	11245
RRBs	7724	11956	13157	17681	18215	21426	24013	27257	33643	37398	39599
Commercial Banks	117540	163342	188640	223024	347205	373758	471017	531241	636583	712160	524116
<b>Sub Total (B)</b>	<b>133875</b>	<b>181687</b>	<b>209916</b>	<b>250197</b>	<b>376298</b>	<b>409403</b>	<b>504620</b>	<b>567579</b>	<b>681641</b>	<b>763685</b>	<b>574960</b>
<b>Total Credit (ST + MT/LT)</b>											
Co-operative Banks	111203	119963	138469	153295	142758	150321	152340	157367	190682	243220	175279
RRBs	63681	82653	102483	119260	123216	141216	149667	165326	190012	204180	247657
Commercial Banks	432491	527506	604376	642954	799781	871080	954823	1070036	1194704	1415964	1166465
<b>Grand Total (A+B)</b>	<b>607375</b>	<b>730122</b>	<b>845328</b>	<b>915509</b>	<b>1065755</b>	<b>1162617</b>	<b>1256830</b>	<b>1392729</b>	<b>1575398</b>	<b>1863363</b>	<b>1589400</b>

Source: ENSURE Portal of NABARD

P: Provisional (as on 31-01-2023)

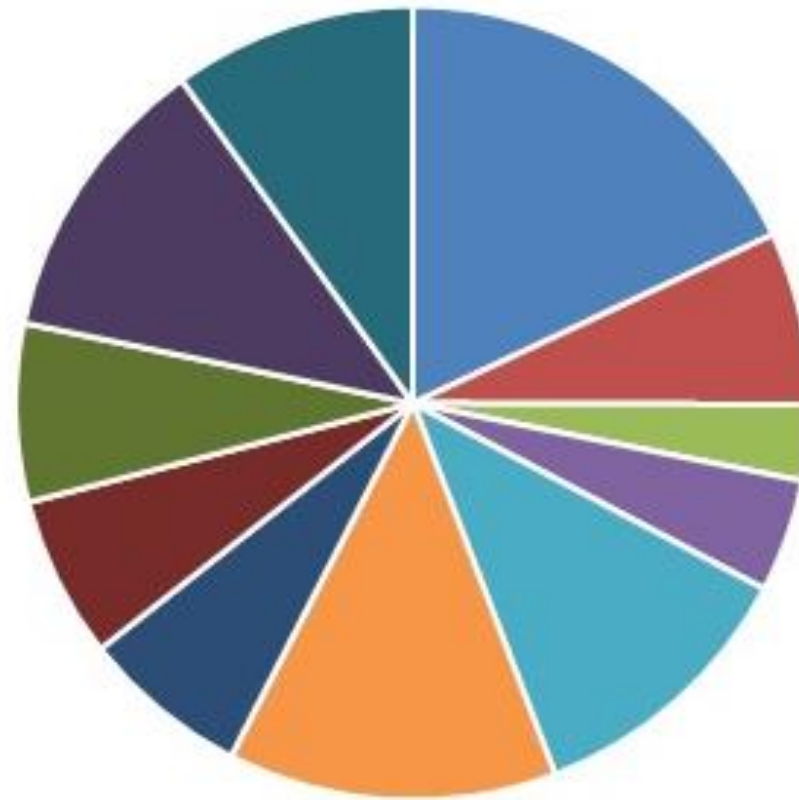
ST: Short Term

MT: Medium Term

LT: Long Term



## India Food Processing Industry Market, By Sector



- Grain based industry
- Pluses based industry
- Oilseed Based Industry
- Fruits and Vegetables
- Spices Based
- Cereal preparation
- Floriculture
- Milk & Milk Products
- Meat and Poultry
- Fisheries
- Plantation Based

# THE INDIAN FOOD PROCESSING SECTOR AT A GLANCE

100% FDI in  
Food Processing



1.3 Billion Potential  
Consumer



One Nation  
One Tax-GST



Fastest growing economy  
in the World



Globally **Ranked 1st** in the Production  
of Several Agri Commodities

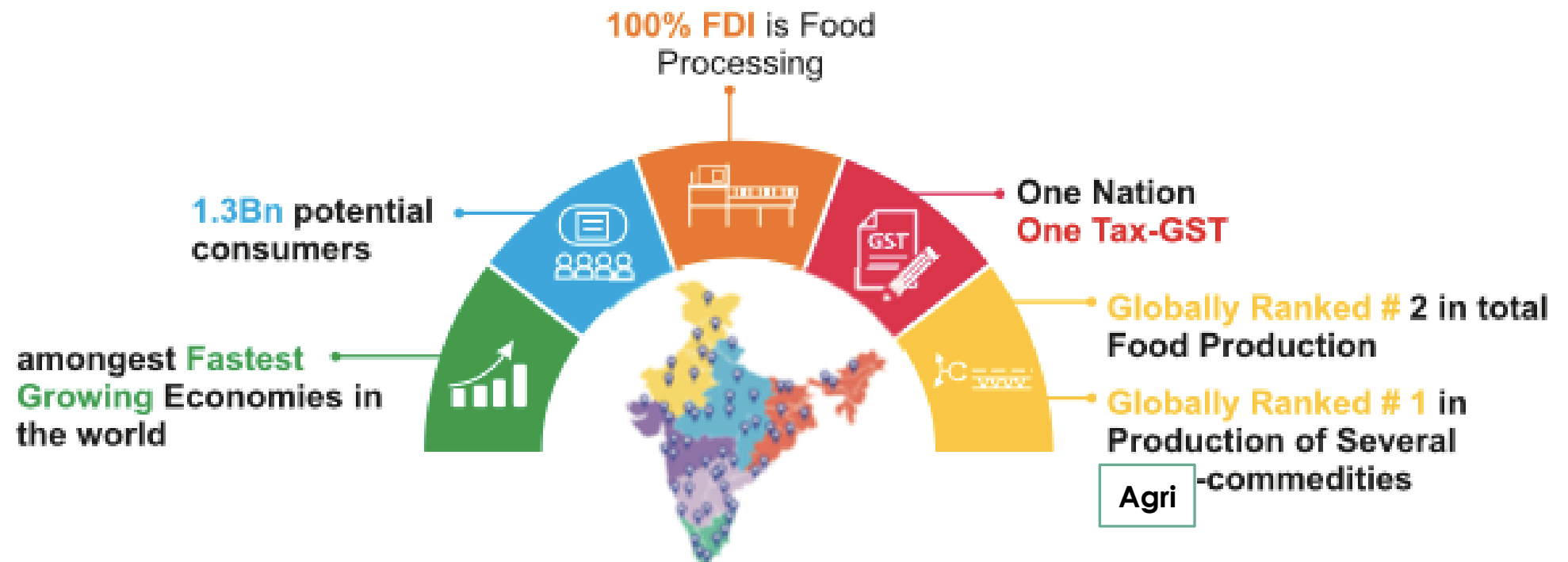
Globally **Ranked 2nd** in  
Total Food Production

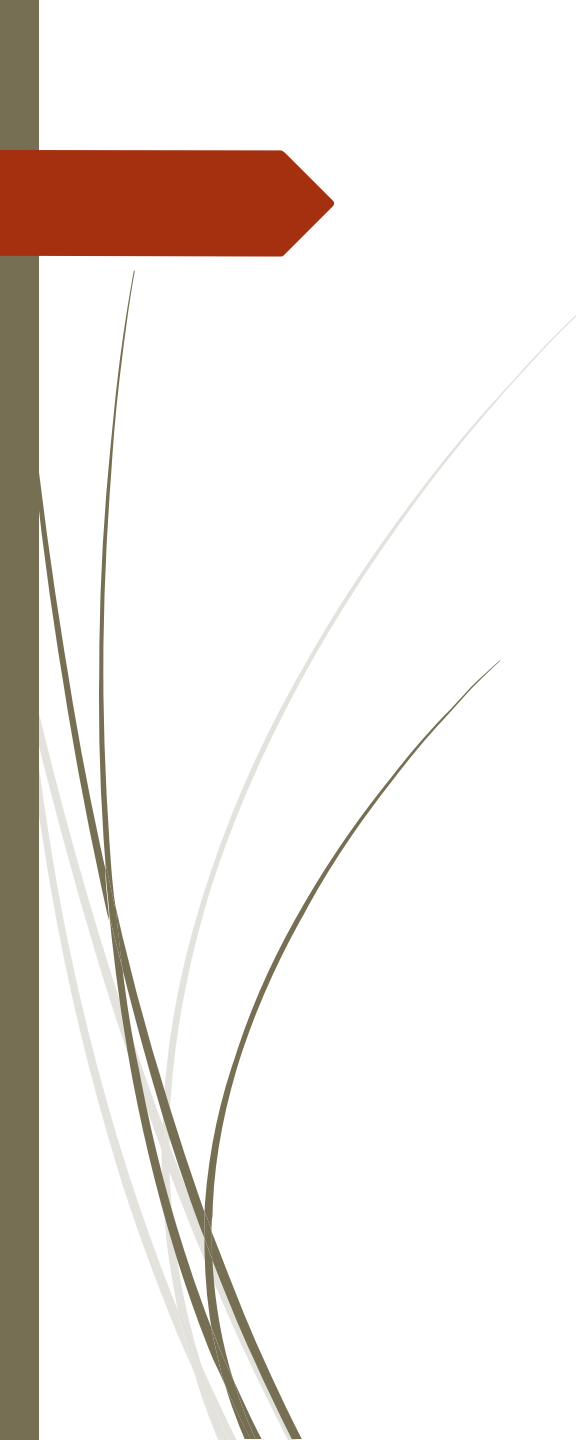


**M F P I**  
MINISTRY OF FOOD PROCESSING INDUSTRIES  
GOVERNMENT OF INDIA

#SaafNiyatSahiVikas

## THE INDIAN FOOD PROCESSING SECTOR AT A GLANCE





## Challenges for Food Processing Sector

Supply Chain Infra  
Gaps (Lack of primary  
processing, storage and  
distribution facilities)

Inadequate Link between  
Production and Processing  
(lack of processable varieties)

Supply Chain  
Institutional Gaps  
(procurement dependence  
on APMC markets)

Seasonability of  
Operations and Low  
Capacity Utilization

Lack of Product  
Development and Innovation

Inadequate Focus on  
Quality and Safety Standards



# Food Production and Consumption Trends in India 2023

The year 2023 marks a pivotal point in India's food production and consumption journey. Key trends to note include:

- **Diversification of Food Sources:** The consumption of fruits, vegetables, and protein-rich foods is on the rise, reflecting a growing desire for a more balanced and nutritious diet.
- **Urbanization and Food Habits:** Urbanization is shaping food consumption patterns, with a growing preference for convenience foods, dining out, and international cuisines.
- **Emerging Dietary Concerns:** Rising awareness of health and wellness is leading to a focus on reducing sugar, salt, and fat consumption, while increasing the intake of fruits, vegetables, and whole grains.
- **Role of Technology:** Technology is transforming the food landscape, from e-commerce platforms for food delivery to innovations in food processing and preservation.
- **Sustainability Concerns:** Environmental and sustainability considerations are influencing food choices with a growing demand for locally sourced, organic, and sustainably produced foods.



# Shaping the Future of India's Food System

As India navigates the dynamic landscape of food production and consumption trends, it is crucial to address key challenges and seize emerging opportunities:

- **Enhancing Productivity and Sustainability:** Investing in agricultural research and development, promoting sustainable farming practices, and improving post-harvest management are essential to enhance productivity and reduce food losses.
- **Bridging the Nutrition Gap:** Addressing micronutrient deficiencies and promoting healthy eating habits are crucial to combat malnutrition and improve overall nutritional status.
- **Strengthening Food Systems Governance:** Effective policies, regulations, and collaboration among stakeholders are essential to ensure a well-functioning and sustainable food system.
- **Empowering Farmers and Consumers:** Supporting smallholder farmers, promoting consumer education, and fostering responsible food consumption habits are key to building a resilient and equitable food system.



# References



Food Production and Consumption Trends in India:  
Navigating the Landscape



Food and Agriculture Organization  
of the United Nations