

STATISTICAL APPENDICES

APPENDIX 11

SUMMARY OF DATA RELATING TO EMPLOYMENT ETC. CONTAINED IN DIFFERENT NSS REPORTS

NSS Reports published/draft	title of report	round numbers to which reports relate	reference period and duration of survey	type of data available	remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Preliminary survey of urban unemployment, Sept. 1953	special ad hoc inquiry	30 days preceding the date of inquiry during September 1953	urban employment and unemployment data available with economic classification	covers only larger urban areas but excludes metropolitan cities
2.	Some characteristics of economically active population	4th to 7th rounds	April 1952-March 1954	labour force etc., available by type of occupation and industrial status; comparison with 1951 Census results also given	the distribution of gainful employment by sectors differs widely from round to round, due to seasonal and sampling variations
3. 19 and 67. draft report	Employment and unemployment: preliminary and supplementary	9th round	usual status and 'current' status with day and week reference periods; May 1955 to Nov. 1955	labour force data available by type of occupation and industrial status; separately for first two sub-samples and latter two sub-samples	definitions of 'employment' etc. changed from the previous rounds and hence data not comparable with them
4. 24 and 64. draft report	Household retail trade	7th to 10th rounds	October 1953 to May 1955	employment, number of households and earnings data available	coverage restricted to household retail trade; estimates vary considerably from round to round due to seasonal and sampling fluctuations
5. 19 and 61, 62 and 66/1. draft reports	Small-scale manufacture (household enterprises smaller than registered factories)	7th to 10th rounds and 14th round.	October 1953 to May 1956 and July 1958 to June 1959	employment by type of occupation and earnings data available	coverage restricted to household small scale manufacture; absolute figures of employment much higher than NIT estimates; distribution by industry groups not stable from round to round; rates of increase, from round to round, much higher than those shown by Plan statistics or NIT estimates; sampling fluctuations also large

Contd.

Statistical Appendices

SUMMARY OF DATA RELATING TO EMPLOYMENT ETC. CONTAINED IN DIFFERENT NSS REPORTS—Contd.

NSS Reports published/draft	title of report	round numbers to which reports relate	reference period and duration of survey	type of data available	remarks
(1)	(2)	(3)	(4)	(5)	(6)
6. 13 and draft report 35	Household transport operations	7th to 10th rounds	October 1953 to May 1955	employment by mode of transport and earnings data available	employment figures given only for operating households; no steady level from round to round in the figures; figures adjusted for non-reporting households much higher than NIT figures; percentage distribution of employment by mode of transport not stable from round to round due to seasonal factors and sampling errors
7. draft report 55	Note on professions, services and financial operations	4th to 10th rounds	April 1952 to April 1955	employment and earnings data provided	rates of change of real employment fluctuate widely from round to round and are much higher than the rates obtained from NIT estimates; figures of employment are higher than census estimated figures; large sampling errors
4. draft reports 43/1, 44/1, 43 and 44	Employment and unemployment	11th to 13th rounds	August 1956 to August 1957 and September 1957 to May 1958	employment and unemployment data by industry status and occupation	distortions of the different industrial statuses modified from those adopted in the earlier rounds; two reference periods of a day and a week used; large sampling errors in estimates
9. 21	Small scale manufacturing (household enterprises smaller than Industrial Development and Regulation Act 1951.)	9th round	May 1955 to November 1955	employment and earning data provided	include smaller factories falling outside the scope of the Industrial Development and Regulation Act, which are covered in the 'factory sector' for the national income estimation

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SUMMARY OF DATA RELATING TO EMPLOYMENT ETC. CONTAINED IN DIFFERENT NBS REPORTS—Contd.

NBS Reports published/draft	Title of report	Round numbers to which reports relate	Reference period and duration of survey	Type of data available	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
10. 11, 15, 22, 23 and draft report 38	Reports on SSNI.	annual surveys 1949 to 1954	1949 to 1954	employment, value added by manufacture etc. provided	the figures are being used at present by the NITU for estimate of employments in the 'factory sector'
11. draft reports 59, 62 and 66	Report of SSNI 1954, 1955 and 1956 (Survey of Scheduled Industries)	special ad-hoc survey	1954 to 1956	employment, value added by manufacture etc. provided	these surveys were conducted on an experimental basis; the figures relate to Scheduled Industries Development and Regulation Act, 1951 and this does not cover the whole of the 'factory sector' used in national income compilation
12. draft reports 31 and 31A	Report on wages, employment, income and indebtedness of agricultural labour households	11th and 12th rounds	August 1956 to August 1957	employment, earnings etc. of agricultural labour households	coverage restricted to agricultural labour families in rural areas
13. draft report 39	Tables with notes on employment and unemployment	10th round	December 1955 to May 1956	labour force data available by type of industrial and occupational status	definition of employment changed from earlier round, and hence not comparable with previous results

APPENDIX 2.1

NUMBER OF PRICE OBSERVATIONS* USED IN RESPECT OF IMPORTANT CROPS : 1958-60

State	rice	wheat	junior	major	barley	millet	raw	gram	arhar	urid	moong	masur	linseed	sesamum
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1. Andhra	14	2	6	3	-	2	5	-	1	1	2	-	-	4
2. Assam	8	1	-	-	-	-	-	4	-	-	4	4	-	-
3. Bihar	13	8	-	-	-	3	7	1	2	2	3	-	17	-
4. Bombay	11	10	15	4	-	-	3	-	2	5	4	4	1	4
5. Kerala	3	-	-	-	-	-	-	3	-	-	-	-	-	-
6. Madhya Pradesh	17	13	11	11	2	1	5	-	7	16	15	23	16	22
7. Madras	10	1	6	3	3	-	-	3	12	9	10	-	1	1
8. Mysore	8	3	3	3	3	-	1	5	2	10	11	1	2	7
9. Orissa	11	2	-	-	-	-	-	4	-	-	-	-	1	13
10. Punjab	6	11	3	3	3	7	7	-	6	23	10	10	2	4
11. Rajasthan	3	6	6	4	4	7	6	-	3	2	2	1	-	1
12. Uttar Pradesh	25	23	11	10	10	10	10	-	13	16	17	3	11	13
13. West Bengal	14	3	1	-	-	-	3	-	3	3	10	8	3	1
14. Jammu and Kashmir	6	3	-	-	-	3	6	-	1	-	-	-	1	-
15. Union Territories	4	2	1	1	1	-	2	-	1	-	8	-	-	-
16. total	147 (100.0)	86 (100.0)	61 (99.9)	33 (99.6)	29 (98.0)	60 (95.2)	21 (93.5)	56 (99.3)	65 (99.2)	90 (96.4)	70 (99.3)	51 (98.8)	58 (92.3)	67 (96.5)

Contd.

* Percentages of value of output thus covered in respect of each of the important crops are indicated within parentheses below the all-India total number of observations.

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NUMBER OF PRICE OBSERVATIONS USED IN RESPECT OF IMPORTANT CROPS: 1955-56—Contd.

State	rape and mustard (16)	ground- nut (17)	cooc- nuts (18)	guf (19)	cotton lint (20)	cotton seed (21)	jute (22)	tobacco (23)	dry chillies (24)	black pepper (25)	tur- meric (26)	bananas (27)	potato (28)
1. Andhra	-	0	1	6	5	6	-	2	7	-	1	1	-
2. Assam	1	-	4	3	-	-	2	3	4	-	-	-	4
3. Bihar	17	-	-	17	-	-	2	2	17	-	-	-	17
4. Bombay	1	8	3	5	3	2	-	3	4	-	2	4	4
5. Kerala	-	-	2	-	-	-	-	-	-	-	-	1	-
6. Madhya Pradesh	0	16	-	19	1	4	-	6	4	-	-	3	10
7. Madras	-	4	6	13	6	8	-	3	13	2	3	5	2
8. Mysore	6	11	11	12	1	1	-	4	12	7	10	12	10
9. Orissa	13	13	13	13	-	-	12	-	11	-	13	-	11
10. Punjab	6	6	-	11	0	16	-	3	10	-	-	-	12
11. Rajasthan	2	3	-	2	2	4	-	-	2	-	-	-	-
12. Uttar Pradesh	17	17	-	16	18	0	-	15	1	-	-	-	17
13. West Bengal	8	-	3	7	-	-	12	4	5	-	-	3	10
14. Jammu and Kashmir	-	-	-	-	-	4	-	-	-	-	-	-	-
15. Union Territories	3	-	-	-	-	-	3	-	-	-	-	-	-
16. total	83 (100.1)	80 (99.7)	43 (99.3)	124 (99.9)	44 (99.6)	64 (98.5)	31 (94.2)	43 (94.5)	90 (98.9)	9 (100.0)	20 (99.8)	30 (85.9)	108 (99.8)

* Percentages of value of output thus covered in respect of each of the important crops are indicated within parenthesis below the all-India total number of observations.

APPENDIX 2.2

SOURCES OF DATA RELATING TO AGRICULTURAL PRICES

State	Sources of Data																		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
1. Andhra Pradesh	WPF	DES	WPF	WPF	WPF	WPF	WPF	WPF	DES	SSB	SSG	DES	DES	DES	DES	DES	SSG	SSG	
2. Assam	WPF	WPF	WPF	WPF	WPF	WPF	WPF	WPF	DES	DES	DES	DES	DES	DES	DES	DES	DES	DES	
3. Bihar	WPF	WPF	WPF	WPF	WPF	WPF	WPF	WPF	DES	DES	DES	DES	DES	DES	DES	DES	DES	DES	
4. Bombay	WPF	WPF	WPF	WPF	WPF	WPF	WPF	WPF	SSG	SSG	SSG	SSG	SSG	SSG	SSG	SSG	SSG	SSG	
5. Kerala	WPF	WPF	WPF	WPF	WPF	WPF	WPF	WPF	SSG	SSG	SSG	SSG	SSG	SSG	SSG	SSG	SSG	SSG	
6. Madhya Pradesh	WPF	WPF	WPF	WPF	WPF	WPF	WPF	WPF	SSG	SSG	SSG	SSG	SSG	SSG	SSG	SSG	SSG	SSG	
7. Madras	WPF	WPF	WPF	WPF	WPF	WPF	WPF	WPF	SSG	SSG	SSG	SSG	SSG	SSG	SSG	SSG	SSG	SSG	
8. Mysore	WPF	WPF	WPF	WPF	WPF	WPF	WPF	WPF	SSG	SSG	SSG	SSG	SSG	SSG	SSG	SSG	SSG	SSG	
9. Orissa	WPF	WPF	WPF	WPF	WPF	WPF	WPF	WPF	SSG	SSG	SSG	SSG	SSG	SSG	SSG	SSG	SSG	SSG	
10. Punjab	WPF	WPF	WPF	WPF	WPF	WPF	WPF	WPF	SSG	SSG	SSG	SSG	SSG	SSG	SSG	SSG	SSG	SSG	
11. Rajasthan	WPF	WPF	WPF	WPF	WPF	WPF	WPF	WPF	SSG	SSG	SSG	SSG	SSG	SSG	SSG	SSG	SSG	SSG	
12. Uttar Pradesh	WPF	WPF	WPF	WPF	WPF	WPF	WPF	WPF	SSG	SSG	SSG	SSG	SSG	SSG	SSG	SSG	SSG	SSG	
13. West Bengal	WPF	WPF	WPF	WPF	WPF	WPF	WPF	WPF	SSG	SSG	SSG	SSG	SSG	SSG	SSG	SSG	SSG	SSG	
14. Jammu and Kashmir	SSB	SSB	SSB	SSB	SSB	SSB	SSB	SSB	SSB	SSB	SSB	SSB	SSB	SSB	SSB	SSB	SSB	SSB	
15. Delhi	WPF	WPF	WPF	WPF	WPF	WPF	WPF	WPF	DES	DES	DES	DES	DES	DES	DES	DES	DES	DES	
16. Himachal Pradesh	WPF	WPF	WPF	WPF	WPF	WPF	WPF	WPF	DES	DES	DES	DES	DES	DES	DES	DES	DES	DES	
17. Manipur	WPF	WPF	WPF	WPF	WPF	WPF	WPF	WPF	DES	DES	DES	DES	DES	DES	DES	DES	DES	DES	
18. Tripura	WPF	WPF	WPF	WPF	WPF	WPF	WPF	WPF	DES	DES	DES	DES	DES	DES	DES	DES	DES	DES	

Weekly Bulletin of Wholesale Prices of Foodgrains = WPF
Statistical Bulletin = SSB

Supplement of State Gazettes
Directorate of Economics and Statistics

= NSG
= DES

(Contd.)

SOURCES OF DATA RELATING TO AGRICULTURAL PRICES—Contd.

State	coco- nuts	gum	lint	cotton seeds	jute	seam- hemp	moesta	to- carda- mum	dr- chl- lles	Black pepper	dry grn. per	tur- meric	ban- nas	cas- hew nuts	po- lato	sweet po- lato	ta- plocas	
(1)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)
1. Andhra Pradesh	SSG	SSG	SSG	SSG	SSG	SSG	DES	SSG	SSG	SSG	DES	SSG	SSG	SSG	DES	DES	DES	SSG
2. Assam	SSB	SSB			MLB		SSB	SSB	SSB									DES
3. Bihar	DES	DES			MLB		DES	DES	DES	DES								DES
4. Bombay	SSG	SSG	DES	SSG							DES	SSG	SSG	SSG	DES	DES	DES	SSG
5. Kerala	SSG																	SSG
6. Madhya Pradesh			SSG	SSG		SSG		SSG										SSG
7. Madras	SAM	SSG	SSG	SSG				SSG	SSG	SSG	SSG	SSG	SSG	SSG	SAM	SSG		SSG
8. Mysore	SSG	SSG	SSG	SSG				SSG	SSG	SSG	SSG	SSG	SSG	SSG	SSG	SSG		SSG
9. Orissa	DES	SSB			MLB			SSB	SSB	SSB								SSB
10. Punjab		SSB	SSB	SSB				SSB	SSB	SSB								SSB
11. Rajasthan		SSB	SSB	SSB				SSB	SSB	SSB								SSB
12. Uttar Pradesh		SSB	SSB	SSB				SSB	DES									SSB
13. West Bengal	SSG	SSG			MLB	SSG	SSG	SSG	SSG		DES							SSG
14. Jammu and Kashmir																		
15. Delhi																		SSB
16. Himachal Pradesh																		SSB
17. Manipur																		
18. Tripura																		SSB

Statistical Bulletin
Jute Bulletin

— SSB
— MLB

Supplement of State Gazette
Statistical Abstracts of Madras
Directorate of Economics and Statistics

— SSG
— SAM
— DES

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APPENDIX 2.3

HARVESTING PERIODS ADOPTED IN RESPECT OF IMPORTANT CROPS

State	rice	wheat	jowar	bajra	barley	milke	ragi	gram	oil (oilseed)	urid	indur	linseed	sesamum
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Andhra Pradesh	11-3	2-3	1-4	9-12	3	9-10	9-11 4-5	2-3	1-3	12-3	12-3	2-3	8-10
Assam	9-9 11-12 11-12	3	-	-	-	9-8	-	3	1-2	1-2	1-2	-	1
Bihar	9-11	3-4	10-11	10-11	3-6	9-10	10	3-4	2	-	-	1-3	9
Bombay	9-11	3-4	11-12 2-3	10-11	3-4	9	10	2-3	12 3-4	9-10	9	2-3	10-11
Jammu and Kashmir	9-11	4-5	-	9-9	3-6	8-11	-	3	-	-	-	4	-
Kerala	8-2	-	8-1	-	-	-	8-10 12-1 9-12 2-3	11-5	8-1	8-10 1-2	8-9	12	12-4
Madhya Pradesh	9-11	3-4	11 2-3	11-12	3-4	8-9	9-12 2-3 3-4	2-3	12 3-4	9-10 2-3	9-10 2-3	2-3	11-2
Madras	9-3	4-5	10-3	10-2	-	8-12	10-3	12-2	12-3	12-3	12-3	-	9-3
Mysore	9-1	1-3	10-12 2-3	10-12	12-4	8-9	9-11	1-2	12-2	9-11 3-4	10-12 1-2	12-3	8-12
Orissa	9-10	3-5	9-10	9-10	-	8-9	8-9	1-2	2-3	-	-	12-2	11-12
Punjab	9-10	4	10-11	10-11	3-4	9-11	9-10	3-4	-	9-11	9-11	3-4	10-11
Rajasthan	10-11	3-4	11	9-10	3	9	-	3	11-12 2-3	11	11	3	10-11
Uttar Pradesh	9-12	3-4	11	11	8-4	9-10	9	8	4-5	9-10	10	4	11
West Bengal	12-1	3-5	10	-	8-4	8-10	10	3-4	2-3	3-4	3-4	2-3	11-1
Delhi	-	9-4	10-11	10-11	3	-	-	3	-	-	-	-	-
Himachal Pradesh	10-11	4-7	-	-	4-7	9-11	9-11	4-7	-	9-11	-	-	-
Manipur	9-12	3-4	-	-	-	-	-	-	-	-	-	-	-
Tripura	11-12	-	-	-	-	-	-	-	-	-	-	-	7-8 Ground.

Note: Figures under each column indicate the serial number of a month of the calendar year. Thus 11-9 indicates November to March.

HARVESTING PERIODS ADOPTED IN RESPECT OF IMPORTANT CROPS—Contd.

State	ground-nut	rape and mustard	sugar-cane	cotton	jute	tobacco	dry chillies	black pepper	turnip	sweet-potato	cashew-nut	aracanut
(1)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)
Andhra Pradesh	10-1	-	12-1	2-4	-	2	2-3	-	2-3	12-1	2-6	-
Assam	-	1-3	12-3	12-3	7-10	2-4	3-4 7-8	-	-	11-2	-	10-2
Bihar	-	2	12-3	11-3	7-10	2-4	12-3	-	-	2-3	-	-
Bombay	9-11	1-2	11-2	10-5	-	2	3	-	2-3	7-10	2-10	10-2
Jammu and Kashmir	-	4	-	-	-	-	-	-	-	-	-	-
Kerala	10-12	-	10-2	2-3	-	12-1	3-4	11-1	12-2	10-10 12-3	3-10	10-2
Madhya Pradesh	10-11	1-2	1-3	10-1	-	2	1-3	-	-	11-1	-	-
Madras	10-2	-	12-2	1-6	-	2-5	8-12	12-2	1-2	11-1	3-6	10-2
Mysore	10-11	10-11	11-3	11-3	-	11-2	10-12	11-1	10-1	10-1	3-6	10-2
Orissa	11-1	12-2	11-2	10-4	10-10	2-4	10-11	-	11-12	1-2	-	-
Punjab	11	3-4	12-3	10-12	-	5-6	10-12	-	10	12-1	-	-
Rajasthan	10-11	3	10-3	11-12	-	12-1	12-1	-	-	12-1	-	-
Uttar Pradesh	11	2-3	11-4	10-11	10-10	3-4	12-2	-	12	11-12	-	-
West Bengal	-	2-3	4-1	-	7-10	2-4	2-4	-	-	2-3	-	10-2
Delhi	-	-	-	-	-	5-6	-	-	-	-	-	-
Himachal Pradesh	-	4-7	-	-	-	-	-	-	-	-	-	-
Manipur	-	-	-	-	-	-	-	-	-	-	-	-
Tripura	-	1-2	-	10-10	7-10	-	-	-	-	1-3	-	-

Statistical Appendix

National Income Statistics

APPENDIX 2.4

AVERAGE INPUT OF SEED PER ACRE CULTIVATED : ALL-INDIA

commodity	unit	quantity/value
(1)	(2)	(3)
1. rice	lbs.	65.6
2. wheat	..	83.6
3. jowar	..	9.7
4. bajra	..	5.2
5. barley	..	56.7
6. maize	..	17.9
7. ragi	..	23.1
8. small millets	..	13.5
9. other cereals	Rs.	4.56
10. gram	lbs.	49.1
11. arhar	..	22.0
12. urid	..	11.1
13. moong	..	13.4
14. masur	Rs.	8.97
15. other pulses	..	2.86
16. linseed	lbs.	15.5
17. sesamum	..	4.4
18. ground nut	..	66.7
19. rape and mustard	..	6.0
20. castor	..	4.5
21. other oilseeds	Rs.	9.53
22. sugarcane	Rs.	1916.7
23. cotton seed	..	9.6
24. spices and condiments	Rs.	7.50
25. potato	Rs.	678.8
26. sweet potato	Rs.	56.34
27. other vegetables	..	5.00
28. fodder	..	4.96
29. miscellaneous food and non-food crops	..	4.96

APPENDIX 2.5

EXTENT OF UNDER-REPORTING OF MAJOR CROPS : 1956-57

crop	difference (000 acres)
(1)	(2)
1. rice	377
2. wheat	273
3. jowar ^a	1197
4. other cereals ^b	681
5. gram	84
6. other pulses ^c	1148
7. oilseeds ^d	1749
8. sugarcane	76
9. fibres	138
10. spices and condiments ^e	256
11. fruits and vegetables ^f	120
12. other crops ^g	107
13. total	6306
14. total gross area under the above crops ^h	321671
15. item 13 as p.c. of item 14	1.96

^a Most of the difference is accounted for by Bombay and Mysore States.

^b Includes barley, bajra, maize, ragi and small millets. Most of the difference is accounted for by Bombay, Mysore and Jammu and Kashmir States.

^c Includes arhar, urid, moong, masur and other pulses. Most of the difference is accounted for by Bombay, Mysore and Jammu and Kashmir.

^d Includes linseed, sesamum, rape and mustard, castor and coconuts. Most of the difference is accounted for by Bombay, Orissa and Mysore.

^e Includes cardamom, dry chillies, black pepper, dry ginger, turmeric and arecanuts. Most of the difference is accounted for by Orissa, Bombay and Mysore.

^f Includes all fruits and vegetables. Most of the difference is accounted for by Orissa.

^g Includes indigo, tea, coffee, tobacco, opium and rubber. Most of the difference is accounted for by Bombay, Mysore and Orissa.

^h As per periodic crop estimates, viz. 'revised estimates'.

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APPENDIX 2.6

AVERAGE YIELD OF STALKS AND STRAW : ALL-INDIA

(in kgs. per acre)

crop	revised estimates	conventional estimates
(1)	(2)	(3)
1. paddy	379	1025
2. wheat	359	493
3. jowar	235	555
4. bajra	193	220
5. barley	390	580
6. maize	439	963
7. ragi	270	540
8. small millets	121	312
9. gram	125	225
10. urid	113*	113
11. moong	94*	94
12. masur	220*	270
13. other pulses	154*	154
14. other cereals	139†	—

* In the absence of any fresh data the rates adopted by NIC have been repeated.

† Weighted mean of items 10 to 13.

APPENDIX 2.7

AVERAGE VALUE OF YIELD OF UNSPECIFIED CROPS : ALL-INDIA : 1958-59

(in Rs. per acre)

crops	revised estimates	conventional estimates
(1)	(2)	(3)
1. small millets	44.61	50.86
2. other cereals	73.45	63.21
3. other pulses	72.48	89.09
4. other oilseeds	55.48	71.48
5. other sugars	1208.65	641.35
6. other fibres	142.86	126.98
7. other condiments and spices	389.17	304.28
8. other fruits and vegetables	718.98	736.14
9. fodder crops	53.92	64.26
10. miscellaneous food and non-food crops	43.10	42.76

National Income Statistics

APPENDIX 3.1

PERCENTAGE OF 'ANIMALS IN MILK' TO TOTAL BREEDING ANIMALS

State	type of animal	year		
		1945	1951	1956
(1)	(2)	(3)	(4)	(5)
Bihar	cattle	52.0	37.7	46.4
	buffalo	61.7	40.7	53.9
Punjab	buffalo	69.7	55.4	62.0
Uttar Pradesh	buffalo	48.6	42.6	53.8
Delhi	cattle	60.7	56.9	62.9
	buffalo	61.5	59.7	73.1
Madhya Pradesh	buffalo	53.6	49.3	55.2
Madras	buffalo	53.7	49.9	54.4
Hyderabad	cattle	29.8	24.7	42.2
	buffalo	54.3	37.2	57.9
Madhya Bharat	cattle	48.1	34.4	37.6
	buffalo	56.8	42.0	45.6
Mysore	cattle	34.3	31.3	35.8
	buffalo	45.3	41.2	48.5
Vindhya Pradesh	cattle	39.4	36.8	39.5
	buffalo	48.9	38.5	42.6
all-India	cattle	42.2	40.9	42.5
	buffalo	55.4	48.7	54.5

Note: Percentages have been worked out from the data published in Indian Livestock Census tables for the respective years.

APPENDIX 3.2

ESTIMATED PRODUCTION OF MILK

(in lakh maunds)

(1)	DMI estimates		adjusted estimate for 1951*
	1956	1951	
(1)	(2)	(3)	(4)
1. Andhra Pradesh	532.4	431.3	540.6
2. Bihar	582.9	450.7	571.0
3. Delhi	20.9	15.6	18.7
4. Madhya Pradesh	351.3	305.7	335.7
5. Madras	224.9	199.4	220.4
6. Mysore	201.3	175.2	196.5
7. Punjab	659.8	585.1	631.5
8. Uttar Pradesh	1445.8	1223.6	1433.6
9. all-India	5282.6	4663.5	5136.5

* Estimated by applying 1956 milk yield rates on 1951 population of milking animals.
Source: Directorate of Marketing and Inspection, Ministry of Food and Agriculture.

APPENDIX 3.3

PARTICULARS OF PRICES OF LIVESTOCK PRODUCTS COLLECTED BY THE DMI AND THE DESAG

agency	commodity	State and number of centres covered for each commodity	
		(1)	(2)
A. Directorate of Marketing and Inspection (DMI)—Ministry of Food and Agriculture			
	milk	Andhra (2), West Bengal (1), Bombay (1), Madras (1), Delhi (1), Punjab (7)	(3)
	ghoe	Andhra (2), West Bengal (1), Bombay (5), Madras (1), Delhi (1), Punjab (9), Uttar Pradesh (2), Bihar (1), West Bengal (1)	
	butter	West Bengal (1)	
	beef	Hombay (1)	
	buff meat	Bombay (1)	
	mutton	Bombay (1), Punjab (1)	
	goat flesh	Bombay (1), Punjab (7), Delhi (1)	
	pork	Bombay (1)	
	cattle hides	Bombay (1), Mysore (1), Orissa (1), Punjab (3)	
	buff hides	Delhi (1)	
	skins	Bombay (1), Mysore (1), Orissa (1), Punjab (2), Delhi (1)	
	wool	Bombay (1), Punjab (2)	
	poultry	Bombay (1), Delhi (1), Punjab (1), Mysore (1)	
B. Directorate of Economic and Statistics—Ministry of Food and Agriculture			
	ghee	Andhra (2), Assam (1), Bihar (3), Bombay (6), Madhya Pradesh (1), Madras (2), Kerala (1), Punjab (4), Uttar Pradesh (4), Delhi (1), Himachal Pradesh (1), West Bengal (1), Orissa (1), Rajasthan (1)	
	butter	Bombay (1), West Bengal (1), Bihar (1)	
	milk	Bombay (2), West Bengal (1), Bihar (1), Madras (1), Delhi (1), Uttar Pradesh (1)	
	hides and skins	Bombay (1), West Bengal (1)	
	eggs	Bombay (1), West Bengal (1), Punjab (2), Madras (1)	
	wool	Bombay (1), West Bengal (1), Rajasthan (1)	

Note: Figures within brackets indicate the number of centres covered in each State.

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APPENDIX 3.4

PARTICULARS OF UNPUBLISHED DATA ON PRICES OF LIVESTOCK PRODUCTS

source	State	livestock products and number of centres
(1)	(2)	(3)
special returns instituted on wholesale prices of livestock products:		
Assam		milk (rural and urban), ghee, dahi, butter, eggs, beef, mutton, Pork, cow hides and buffalo hides
Rajasthan		milk (1), ghee (2), cow hides (1), buffalo hides (2), goat skins (1), sheep skins (1), wool (6)
Kerala		ghee (1), mutton (1), beef (1), eggs (1)
Madhya Pradesh		milk (34), dahi butter (20), dahi (34), khoa (27), wool (9), cow hides (24), eggs (33), buff hides (26), sheep skins (21), goat skins (27)
Mysore		ghee (7), milk (12), butter (1), cow hides (10) buffalo hides (10), goat skins (11), sheep skins (11)
Uttar Pradesh		milk rural (11), milk urban (19), ghee (19), dahi (19), buffalo meat (17), goat and sheep meat (14), cow hides (5), buffalo hides (2), sheep skins (2), goat skins (11), eggs (12), wool (3)
Manipur		milk rural (1), milk urban (1), ghee (2)
Punjab		milk rural (5), milk urban (5), ghee (10), butter (5), cream (5), sheep meat (9), goat meat (10), pork (6), cow hides (5), buffalo hides (5), goat and sheep skins (5), poultry (5), eggs (5), horses (5), wool and dung cake (1)
Finlandia Pradesh		milk rural (15), milk urban (10), ghee (20), dahi (17), khoa (17), cow hides (10), buffalo hides (10), sheep skins (17), goat skins (18), wool (14), eggs (23), poultry (13), sheep meat (16), goat meat (23)

Note: Figures within brackets indicate the number of centres covered in each State.

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APPENDIX 3.6

PARTICULARS OF DATA ON PRICES OF LIVESTOCK PRODUCTS PUBLISHED BY STATE AGENCIES

source	State	commodities covered and number of centres
(1)	(2)	(3)
State Gazette and monthly/quarterly and annual digests/bulletins published by State Statistical Bureaus	Delhit	milk, ghee, goat meat, eggs, hides and skins
	Andhra	ghee (1), hides (2), skins (3), wool (1), work buffalo (1), sheep (1), livestock feed items
	Madhya Pradesh	milk (4), ghee (17), cow hides (7), buff hides (8), goat and sheep skins (7), eggs (5), work bullock (10), buffalo bulls (15), cows (12), she buffalo (2), paddy straw and oil cakes
	Madras	work bullock (5), buffalo bulls (1), milch cow (3), she buffalo (1), sheep (6)
	Punjab	milk (8), ghee (11), goat meat (2), eggs (8), cow hides (2), buff hides (5), skins (5), oil cakes
	Uttar Pradesh	ghee (16), hides (13), skins (15), mustard cake and wheat bran
	West Bengal	cow milk (5), buff milk (6), chhana (5), ghee (1), butter (2), cow hides (5), buff hides (4), goat skins (5), sheep skins (1), raw wool (1), beef (1), buff meat (1), goat meat (1), pork (1), mutton (1)
	Mysore	work bullock (12), buffalo bulls (8), cows (12), she buffaloes (12), sheep (11), wool (7), cow hides (9), buff hides (7), skins (10), ghee (13), oil cakes
	Bombay	work bullock (5), buffalo bulls (4), cows (3), she buffaloes (2), ghee (6)
	Madras	milk (1), butter (1), ghee (4), cow hides (3), buff hides (2), skins (3), raw bones (2), poultry (12), eggs (12), wool (10)
	West Bengal	hen eggs (9), duck eggs (5), fowls (8), ducks (4), chicks (1), milch cattle (13), she buffalo (2), goat (7), sheep (3), pigs (1), oil cakes
	Himachal Pradesh	cow milk (3), goat meat (4), ghee (5), eggs (4), wheat bran, paddy and oil cakes
	Tripura	milk (9), ghee (1)

Statistical Appendices

Note: Figures within brackets indicate the number of centres covered in each State.

† Number of centres are not specified and only minimum and maximum prices are given for the Union Territory as a whole.

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National Income Statistics

APPENDIX 3.6

3.6.1. PRICE DIFFERENTIALS AND TRADE MARGINS FOR MILK: STATEWISE

States	rural price as percent of urban price	percentage share of producer in wholesale price	producer price as per cent of urban wholesale price (in round figures)
(1)	(2)	(3)	(4)
1. Andhra	75	90	65
2. Assam	80	90	70
3. Bihar	90	90	80
4. Bombay	75	90	65
5. Jammu and Kashmir	75	90	65
6. Kerala	85	90	75
7. Madhya Pradesh	85	90	75
8. Madras	85	90	65
9. Mysore	85	90	75
10. Orissa	90	90	80
11. Punjab	75	90	65
12. Rajasthan	80	90	70
13. Uttar Pradesh	90	90	80
14. West Bengal	85	90	65
15. Delhi	90	90	80
16. Himachal Pradesh	90	90	80
17. Tripura	80	90	70
18. total: all-India	85	90	75

3.6.2. PRICE DIFFERENTIALS AND TRADE MARGINS FOR LIVESTOCK PRODUCTS OTHER THAN MILK: ALL-INDIA

items	rural prices as percent of urban price	percentage share of producer in wholesale price	producer price as percent of urban wholesale price (in round figures)
(1)	(2)	(3)	(4)
1. ghee	(a)	90	90
2. butter	(a)	90	90
3. dahi	85	75(b)	60
4. meat	95	80	75
5. eggs	75	90	65
6. hides and skins	(a)	90	90
7. poultry	(a)	95	85
8. wool	(a)	95	95
9. livestock	(a)	90	90

Notes: (a) As the given price observations were representative for the State as a whole, no adjustment was considered necessary for urban/rural price differentials.
 (b) Available prices were retail ones and as such margins calculated between producer's and retailer's prices.

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Statistical Appendices

APPENDIX 3.7

CATTLE EQUIVALENCE SCALE OF LIVESTOCK FEED FOR
DIFFERENT TYPES OF ANIMALS

type of animal	percentage cattle equivalence
(1)	(2)
1. non-service animals :	
(i) buffaloes in milk and breeding bulls	133.3
(ii) cattle breeding bulls, cows in milk, buffalo bulls not in use, dry buffaloes and buffaloes not in work or use	100.0
(iii) cattle bulls not in use, dry cows not in work or use and buffalo youngstock	50.0
(iv) cattle youngstock	33.3
(v) sheep, goats and pigs	10.0
(vi) poultry	0.5
2. service animals :	
(i) urban buffaloes and bullocks for work, horses, ponies and camels	266.7
(ii) urban cattle bullocks and mules	200.0
(iii) rural buffaloes and bullocks for work	133.3
(iv) rural cattle working bullocks, cows for work and donkeys	100.0

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National Income Statistics

APPENDIX 4.1

AREA UNDER FORESTS ACCORDING TO INDIAN FOREST STATISTICS AND AGRICULTURAL
STATISTICS : 1953-54 TO 1955-56

(in sq. miles)

State	1955-56		1954-55		1953-54	
	AgStat	IFSt	AgStat	IFSt	AgStat	IFSt
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Andhra	9024	13526	8325	13673	7855	11699
Assam	12042	18007	12042	18444	12042	21894
Bihar	9881	13288	9504	13039	9220	14035
Bombay	10776	20913	10755	20863	10841	20952
Madhya Pradesh	32380	55982	32486	62604	32689	62591
Madras	6024	10130	6034	9934	6006	9713
Orissa	8799	24261	8799	24245	10125	23789
Punjab	796	5277	789	5021	784	5074
Uttar Pradesh	8713	15034	8643	14930	8479	15784
West Bengal	1711	4927	1709	5167	1709	5216
Hyderabad	5713	12169	4993	12204	5110	12173
Jammu and Kashmir	1398	11058	1400	11058	1380	11058
Madhya Bharat	3517	16224	3542	16201	3538	16201
Mysore	2229	5203	2255	5202	2257	5285
PEPSU	47	*	47	298	47	295
Rajasthan	3402	15000	3360	16045	3219	14954
Travancore-Cochin	1847	3052	1847	3052	1847	3052
Ajmer	107	172	101	172	101	181
Bhopal	1420	2313	1360	2346	1355	2340
Coorg	330	1127	331	1127	331	1127
Delhi	4	7	—	—	—	—
Himachal Pradesh	400	4031	400	4028	400	4024
Kutch	127	197	127	197	127	197
Manipur	37	2325	37	2325	37	2325
Tripura	1573	3458	1574	3458	1574	3458
Vindhya Pradesh	3218	10229	3277	8729	3212	9918
Andaman and Nicobar Islands	39	2500	37	2500	34	2500
Saurashtra	—	1118	—	997	—	997
total : all-India	125554	271528	123774	278859	124319	280731

* Included under Punjab.

Statistical Appendix

APPENDIX 4.2

CLASSIFICATION OF AREA UNDER FORESTS

(in 000 sq.miles)

	1949-50	1950-51	1951-52	1952-53	1953-54	1954-55	1955-56	1956-57	1957-58 pre- liminary
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1. total forest area	265.9	277.2	283.6	290.6	290.7	278.9	271.7†	272.6	274.4
2. ownership									
(i) State	205.2	230.2	262.0	259.6	261.5	270.2	262.0	265.2	265.9
(ii) corporate bodies	0.8	0.6	0.7	0.2	0.7	0.2	0.2	0.2	0.2
(iii) private individuals	59.8	46.3	20.8	20.8	18.2	9.2	7.2	7.2	8.3
3. legal status									
(i) reserved	122.6	122.0	122.1	124.5	125.8	127.1	128.8	120.8	121.6
(ii) protected	27.9	45.5	58.7	59.6	62.0	61.8	65.1	92.0	93.8
(iii) unclassed	104.3	98.7	91.7	96.5	92.9	90.0	65.7	49.8	49.1
4. composition									
(i) coniferous	14.0	14.0	12.2	12.2	9.4	9.5	9.7	10.0	10.0
(ii) broad leaved									
(a) sal	22.7	40.7	29.9	43.0	43.4	37.9	41.8	26.4	28.8
(b) teak	16.9	16.8	19.8	19.0	21.9	22.1	22.4	18.7	19.2
(c) miscellaneous	196.3	205.7	210.7	206.5	206.1	209.2	195.5	207.6	206.4
(d) total broad leaved	251.9	263.2	270.4	268.5	271.4	269.3	261.9†	262.7	264.4

Source : Agricultural Situation in India, October 1960.

† Includes 2.1 thousand sq. miles for which classificatory details are not available.

National Income Statistics

APPENDIX 4.3

QUANTITY OF FOREST PRODUCE REMOVED BY DIFFERENT AGENCIES: ALL-INDIA

		government	purchasers	free grantees and right holders	total
	(1)	(2)	(3)	(4)	(5)
timber (000 cu.ft.)					
	1950-51	19,720	93,327	7,898	120,945
	1951-52	23,270	103,823	10,396	137,489
	1952-53	24,028	83,288	6,813	114,129
	1953-54	21,245	78,454	7,541	107,240
	1954-55	20,666	97,149	16,476	133,691
fuel (000 cu.ft.)					
	1950-51	36,787	213,942	87,954	338,683
	1951-52	44,615	228,609	85,353	358,577
	1952-53	25,457	208,877	85,746	320,080
	1953-54	36,200	204,504	85,346	326,050
	1954-55	25,064	213,750	105,223	344,037
bamboo (000 nos)					
	1950-51	6,029	280,514	252,587	539,130
	1951-52	7,308	225,255	31,570	264,133
	1952-53	4,264	187,034	20,415	211,713
	1953-54	18,529	230,034	22,256	271,159
	1954-55	4,321	190,754	27,393	222,468
myrobalans (tons)					
	1950-51	815	16,287	6	17,108
	1951-52	..	37,287	140	37,427
	1952-53	..	24,605	..	24,605
	1953-54	300	136,968	585	137,856
	1954-55	20	16,151	102	16,273
lac (tons)					
	1950-51	1,433	10,978	..	12,411
	1951-52	948	8,083	..	9,031
	1952-53	171	12,055	..	12,226
	1953-54	53	2,134	..	2,187
	1954-55	30	1,479	..	1,509

Source : Indian Forest Statistics, Vol. II, 1954-55.

Statistical Appendices

APPENDIX 4.4

COST OF PRODUCTION OF TIMBER: STATEWISE

average : 1953-55
(in Rs. per cu.ft.)

State	stumpage price	felling cost	transport from stump to permanent lines of transport	total
(1)	(2)	(3)	(4)	(5)
Andhra Pradesh	0.81	0.12	0.19	1.12
Assam	1.50	0.19	0.37	2.06
Bihar	0.50	1.12	0.40	2.02
Bombay	2.20	0.16	0.53	2.89
Kerala	5.65	0.10	1.60	7.35
Jammu and Kashmir	2.67	0.56	1.50 ^b	4.73
Madhya Pradesh	3.40	0.25	0.56	4.21
Madras	0.81 ^a	0.12	1.03	1.96
Mysore	1.19	0.12	0.34	1.65
Orissa	1.56	0.06	1.69	3.31
Punjab	1.03	0.10	0.84	1.97
Rajasthan	0.55	0.05	0.04	0.64
Uttar Pradesh	4.50	0.75	1.05	6.30
West Bengal	2.06	0.23	1.00	3.31
Himachal Pradesh	1.42	0.44	1.50	3.36
all-India				3.75 ^c

Source : Timber Trends Study Report.

^a Figure adopted from Andhra Pradesh.

^b Figure adopted from Himachal Pradesh.

^c Weighted average price of the specified States, weights being proportional to outturn of timber relating to the year 1956-57.

APPENDIX 4.6

OUTPUT AND VALUE OF TIMBER AND FUEL WOOD, STATEWISE

(at current prices)

quantity '000' cu. ft.
value lakh rupees

States*	timber					fuel					timber and fuel	
	1957-58		1958-59		1957-58		1958-59		total value			
	quantity	value	quantity	value	quantity	value	quantity	value	1957-58	1958-59	(10)	(11)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)		
1. Andhra Pradesh	5083	233	1012	40	6462	33	8189	42	266	82		
2. Assam	017-	575	7898	419	64512	381	8925	51	955	470		
3. Bihar	6862	366	8567	418	12612	74	9934	51	440	469		
4. Bombay	17014	1157	20205	1388	37364	138	68906	239	1395	1807		
5. Kerala	4432	203	5318	213	741	5	1709	10	208	233		
6. Madhya Pradesh	33243	1217	33243	1170	40492	282	48492	282	1499	1452		
7. Madras	939	44	1429	57	16900	133	8476	53	177	110		
8. Mysore	8448	387	8448	338	44816	368	44918	278	755	616		
9. Orissa	12362	626	10495	512	17013	140	15202	125	766	637		
10. Punjab	4192	189	3940	147	11269	54	12675	40	243	207		
11. Rajasthan	2021	74	1265	44	13133	121	15421	88	195	132		
12. Uttar Pradesh	18434	846	16673	804	63435	199	68010	218	1186	1022		
13. West Bengal	6477	433	6468	383	27221	161	29906	153	594	536		
14. Jammu and Kashmir	14327	665	16117	645	4893	24	6019	32	689	677		
15. Himachal Pradesh	16819	785	10693	428	10814	62	15603	82	837	610		
16. Manipur	349	22	412	22	772	6	765	4	27	26		
17. Tripura	752	52	627	36	6377	38	4890	25	90	41		
18. Andaman and Nicobar Islands	3610	163	4893	180	331	3	232	1	156	181		
19. Delhi	neg.	neg.	neg.	neg.	1	neg.	neg.	neg.	neg.	neg.		
total: all-India	164697	8127	157693	7424	387579	2292	359433	1704	10320	9218		

* For 1954-55 and 1955-56 data are available according to old set-up of States.

(Contd.)

OUTPUT AND VALUE OF TIMBER AND FUEL WOOD, STATEWISE—Contd.

(at current prices)

quantity '000 cu. ft.
value lakh rupees

State	timber				fuel				timber and fuel	
	1955-56		1954-55		1955-56		1954-55		total value	
	quantity	value	quantity	value	quantity	value	quantity	value	1955-56	1954-55
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1. Andhra Pradesh	681	37	654	26	5309	22	13998	58	49	84
2. Assam	7995	324	798	288	7877	36	8616	32	360	318
3. Bihar	6584	244	7727	209	11828	64	9288	47	298	318
4. Bombay	20180	1275	18752	795	68830	392	64939	461	1667	1545
5. Madhya Pradesh	29713*	1019	29122	904	108247*	542	110409	432	1561	1408
6. Madras	2349	94	1677	67	11752	68	7915	61	162	128
7. Orissa	9750	457	8148	343	15689	128	15255	125	162	128
8. Punjab	3157	114	3284	81	13232	65	11457	47	585	468
9. Uttar Pradesh	16201	608	17087	687	78117	205	59249	178	170	128
10. West Bengal	3241	166	4447	205	12267	66	15325	78	232	283
11. Hyderabad	2463	99	1658	66	5049	39	2790	18	1098	79
12. Jammu and Kashmir	11078	435	9791	372	6049	39	3151	25	464	398
13. Madhya Bharat	2672	92	1814	60	7988	41	13161	24	133	154
14. Mysore	1480	59	1491	58	17908	104	20104	90	163	148
15. PEPSU	(a)	(a)	215	8	(a)	(a)	333	1	(a)	6
16. Rajasthan	700	24	785 (b)	8	4000	33	2303 (b)	20	57	28
17. Saurashtra	96	6	81	5	763	4	924	8	10	13
18. Travancore-Cochin	4353	194	3638	142	2712	11	4046	14	305	156
19. Ajmer	6	neg.	13	neg.	252	1	409	4	1	4
20. Bhopal	633	22	474	16	2215	17	1310	4	33	20
21. Coorg	1313	53	1094	44	949	5	1008	2	58	46
22. Himachal Pradesh	16086	632	12784	486	11213	64	10717	88	696	574
23. Manipur	281	11	254	9	755	4	328	2	15	11
24. Tripura	528	23	337	14	5772	33	1589	9	66	23
25. Vindhya Pradesh	1500	51	1081	51	2621	13	931	4	64	55
26. Andaman and Nicobar Islands	4806	165	3632	114	150	1	26	4	156	114
Total: all-India	148326*	5274	135598	5372	392113*	1932	377793	1908	6206	7280

(a) Included under Punjab; (b) total quantity of timber and fuel wood has been broken up into the components on the basis of the data for the year 1955-56.

* Includes 1941 and 19395 thousand cu. ft. as the production of timber and firewood in the forests owned by civil authorities and corporate bodies. As such these figures do not tally with the figures published in 'Indian Forest Statistics.'

APPENDIX 6.1

ESTIMATED PRODUCTION OF MARINE AND INLAND FISH : STATEWISE

(000 metric tons)

State	marine fish					inland fish					total						
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
						59-60 (preli- minary)					59-60 (preli- minary)						59-60 (preli- minary)
Andhra	56	46	41	29	41	45	46	47	48	48	100	91	87	76	89		
Assam	—	—	—	—	—	2	2	2	2	2	2	2	2	2	2		
Bihar	—	—	—	—	—	73	76	76	77	78	78	74	76	77	74		
Bombay	309	381	312	236	186	1	1	1	1	1	310	382	313	237	187		
Jammu and Kashmir	—	—	—	—	—	1	1	1	1	1	1	1	1	1	1		
Kerala	96	177	368	261	165	5	5	5	5	5	101	182	373	266	170		
Madhya Pradesh	—	—	—	—	—	6	6	6	6	6	6	6	6	6	6		
Madras	91	111	81	120	105	42	42	43	44	44	133	152	124	104	149		
Mysore	25	21	85	87	41	4	4	5	5	5	29	25	91	92	46		
Orissa	4	16	7	5	3	32	33	33	35	35	37	50	41	40	38		
Punjab	—	—	—	—	—	1	neg.	neg.	neg.	1	1	neg.	neg.	neg.	1		
Uttar Pradesh	—	—	—	—	—	9	9	9	9	9	9	9	9	9	9		
West Bengal	neg.	1	neg.	neg.	neg.	47	48	49	50	51	47	49	49	50	51		
Delhi	—	—	—	—	—	3	2	2	2	2	2	2	2	2	2		
Himachal Pradesh	—	—	—	—	—	neg.	neg.	neg.	neg.	neg.	1	neg.	neg.	neg.	neg.		
Other States	neg.	neg.	neg.	neg.	neg.	2	2	2	2	2	2	2	2	2	2		
total : all-India	551	732	694	738	541	272	275	291	287	291	853	1027	1176	1024	831		

APPENDIX 5.2

ESTIMATED VALUE OF MARINE FISH : STATEWISE

(at current prices)

(in Rs. lakh)

State	marine fish					inland fish					total : marine and inland ¹				
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
	55-56	56-57	57-58	58-59	59-60 (preli- minary)	55-56	56-57	57-58	58-59	59-60 (preli- minary)	55-56	56-57	57-58	58-59	59-60 (preli- minary)
Andhra Pradesh	228	1	181	127	200	386	439	444	449	501	614	638	635	675	701
Assam	—	—	—	—	—	26	29	29	32	35	28	29	29	35	35
Bihar	—	—	—	—	—	860	888	808	932	1066	880	868	868	922	1066
Bombay	883	86	737	580	456	12	10	10	11	11	685	872	747	891	467
Jammu and Kashmir	—	—	—	—	—	11	11	12	14	14	11	11	12	14	14
Kerala	289	55	1241	875	606	23	26	27	27	30	312	612	1268	902	636
Madhya Pradesh	—	—	—	—	—	52	52	52	60	64	52	52	52	60	64
Madras	200	353	266	387	376	285	317	328	332	371	554	670	584	719	747
Mysore	89	82	332	330	171	39	44	45	45	51	138	126	377	384	232
Orissa	25	80	46	55	21	453	467	424	648	653	474	546	570	678	874
Punjab	—	—	—	—	—	5	5	5	6	6	5	5	5	6	6
Uttar Pradesh	—	—	—	—	—	75	75	75	85	92	75	75	75	75	92
West Bengal	2	10	4	3	2	518	547	600	681	765	620	657	604	694	767
Delhi	—	—	—	—	—	17	17	18	20	22	17	17	18	20	22
Himachal Pradesh	—	—	—	—	—	3	3	3	3	4	3	3	3	3	4
Other States	—	—	—	—	—	20	20	22	25	26	20	20	22	25	25
total : all-India	1585	2181	1907	2345	1832	2767	2910	3050	3424	3611	4372	5091	5867	5770	6445

National Income Statistics

APPENDIX 7.1

COMPARISON BETWEEN CMI AND SSMI ESTIMATES OF EMPLOYMENT, GROSS VALUE OF OUTPUT AND VALUE ADDED IN FACTORY ESTABLISHMENTS

7.1.1. EMPLOYMENT

(00)

year	CMI* 1-29 indus- tries	SSMI 1-29 indus- tries 2m(i)	SSMI all indus- tries 2m(i)	SSMI 2m(i) & 2m(ii)	NIU estimates by projection 2m(i)	col. 3 as p.c. of col. 2	col. 3 as p.c. of col. 4	col. 6 as p.c. of col. 4
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1953	16213	18204	26766	29820	26501	112.3	68.0	99.0
1954	17148	17981	25611	28208	27957	104.9	70.2	109.2
1955	17837	19179	27712	31107	28409	107.5	69.2	102.5
1956	18857	n.a.	n.a.	31405**	29120	n.a.	n.a.	n.a.
1957	18133	21261	31296	35530	28382	117.3	67.9	90.7
1958	n.a.	n.a.	n.a.	31070†	28909‡	n.a.	n.a.	n.a.

7.1.2. GROSS VALUE OF OUTPUT

(Rs. lakhs)

year	CMI* 1-29	SSMI 1-29 2m(i)	SSMI all 2m(i)	SSMI all 2m(i) & 2m(ii)	NIU§ estimates by projection (all)	col. 3 as p.c. of col. 2	col. 3 as p.c. of col. 4	col. 6 as p.c. of col. 5
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1953	112133	131647	191618	208451	213155	117.4	68.7	102.3
1954	128755	140731	205232	221479	211607	109.3	68.6	95.5
1955	140610	149325	218971	232587	221163	106.2	68.2	95.1
1956	161429	173278	259094	273612	257365	107.3	66.9	94.1
1957	164017	194145	296396	311817	309091	118.4	65.5	99.1
1958	n.a.	n.a.	n.a.	323963	312629	—	—	96.5

7.1.3. VALUE ADDED (GROSS OF DEPRECIATION)

(Rs. lakhs)

year	CMI* 1-29	SSMI 1-29 2m(i)	SSMI all 2m(i)	SSMI all 2m(i) & 2m(ii)	NIU§ estimates by projection (all)	col. 3 as p.c. of col. 2	col. 3 as p.c. of col. 4	col. 6 as p.c. of col. 5	value added output	
									CMI	SSMI all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1953	35644	41733	65026	68159	73851	117.1	64.2	108.4	0.32	0.33
1954	39783	39461	62321	65503	81458	99.2	63.3	124.4	0.31	0.30
1955	44768	45487	68938	72259	85496	101.6	66.0	118.3	0.32	0.31
1956	50194	48726	75880	79798	98374	97.1	64.2	123.3	0.30	0.29
1957	48198	52232	82250	86080	106900	108.4	63.5	124.2	0.29	0.28
1958	n.a.	n.a.	n.a.	91660	109321	n.a.	n.a.	119.3	—	0.28

Note: For the CMI, rates of response, viz. the percentage of factories submitting returns from 1953 to 1957 are 90, 94, 93, 93 and 84 respectively.

* Employing 20 or more workers on any day and using power.

** As given in the 'Occupational Pattern in Manufacturing Industries', Planning Commission.

† Includes contract labour.

‡ Provisional.

§ The SSMI data relating to the year 1953, obtained informally from the ISI earlier, was inflated by 5 p.c. and then used for all years for output and value added. For value added, the 1953 SSMI ratios have been adopted and cotton input adjustment has been made as adopted for revised estimates from 1951 to 1953 onward.

Statistical Appendices

APPENDIX 7.2

ADJUSTMENT OF COTTON INPUT—AN ANALYSIS

7.2.1. COTTON INPUT PRICES

(in Rs. per bale of 392 lbs each)

year	SSMI price*	NTU price	CMI price (excluding cotton waste)	CMI price (including cotton waste)
(1)	(2)	(3)	(4)	(5)
1948	—	285	376	374
1949	294†	318	475	471
1950	500	348	553	549
1951	660	363	700	694
1952	585	293	604	600
1953	475	304	486	483
1954	n.a.	291	490	486
1955	n.a.	370	—	—

7.2.2. QUANTITY OF COTTON INPUT OR COTTON CONSUMED IN INDIAN MILLS

(in thousand bales of 392 lbs. each)

year	SSMI* 2m(i) factories	CMI 2(j) factories	Bombay Cotton Annual	
			year ending 31st August**	year ending 31st December
(1)	(2)	(3)	(4)	(5)
1948	n.a.	—	4255	—
1949	6257	3474	3685	4040
1950	3806	2964	3622	3491
1951	3762	3313	4071	3859
1952	4052	3728	4460	4232
1953	4248	3897	4608	4462

* Relates to agricultural year.

* It will be seen from this table that the quantity of cotton input is markedly different from that indicated by other sources only in respect of 1949 and to a much less extent in 1950.

**Reference period is year ending 31st August, i.e. 1948 means 1st September 1948 to 31st August, 1949. These figures are as given by the Office of the Textile Commissioner, Bombay, which were originally used for adjustment.

† It will be seen that price per unit of cotton input is markedly low only in 1949 and to some extent in 1950.

National Income Statistics

7.2.3. PRODUCTION OF CLOTH (INCLUDING PIECE GOODS ETC.)

(million yds.)				
year	CMI	SSMI*	Textile Commissioner's Office	Bombay Cotton Annual (financial year basis)**
(1)	(2)	(3)	(4)	(5)
1948	3357.9	—	4318.8	4380.4
1949	3353.5	3936.9	3903.6	3850.4
1950	3219.8	3919.5	3664.8	3676.3
1951	3674.3	n.a.	4076.4	4297.0
1952	4138.8	n.a.	4598.4	4715.5
1953	4324.5	n.a.	4678.0	4964.5

7.2.4. COTTON INPUT ON THE BASIS OF EMPLOYMENT

year	CMI			SSMI				
	cotton input (000 bales each of 392 lbs.)	value of cotton input (in Rs. lakhs)	total employ- ment (000)	cotton input per worker (bales)	cotton input (000 bales each of 392 lbs.)	value of cotton input (in Rs. lakhs)	total employ- ment (000)	cotton input per worker (bales)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1949	3474	16744	698	4.98	6257	18404	824	7.59
1950	2964	16397	645	4.60	3806	19042	756	5.03
1951	3313	23199	660	5.02	3762	24986	786	4.79
1952	3726	22503	685	5.44	4052	23704	787	5.15
1953	3897	18942	692	5.63	4248	20161	791	5.37

* Power using factories only.

** 1948 means 1948-49 etc.

† Only cotton fibre and excludes cotton waste etc.

Statistical Appendices

APPENDIX 10.1

MOVEMENT OF PAID-UP CAPITAL OF BANKING AND NON-BANKING FINANCIAL COMPANIES

(in Rs. lakhs)

year	total	banking companies	non-banking companies
(1)	(2)	(3)	(4)
1951	7112	4384	2728
1952	7608	4320	3288
1953	7470	4182	3288
1954	7479	4146	3333
1955	8113	4085	4028
1956	8599	4064	4535
1957	8911	4087	4824
1958	9169	4103	5066

Note: Figures under column 2 are compiled from data published by Department of Company Law Administration, Ministry of Commerce and Industry, in their Monthly Blue Book on Joint Stock Companies, whereas figures under column 3 are taken from the 'Statistical Tables Relating to Banks in India'. Figures under column 4 are derived as a residual from columns 2 and 3.

National Income Statistics

APPENDIX 12.1

INDUSTRIAL CLASSIFICATION ADOPTED AND INDICATORS USED FOR ADJUSTMENT OF AVERAGE EARNINGS: PROFESSIONS AND LIBERAL ARTS AND DOMESTIC SERVICES

NIC industry groups	homogeneous subgroups utilized for the revised series	indicator used for adjusting average earnings per person*		
		urban	rural	
(1)	(2)	(3)	(4)	
<i>a. professions and liberal arts :</i>				
1. medical and other health services	1. registered medical practitioners			
	a) M.B.B.S., LMP etc.	I ₃	I ₂	
	b) others	I ₃	I ₃	
	2. vaid. hakims and other persons practising medicine without being registered	I ₃		
	3. midwives	I ₁	I ₂	
	4. vaccinators	I ₁	—	
	5. compounders	I ₁	I ₂	
2. educational services and research	6. nurses	I ₁	I ₂	
	7. all others	I ₁	I ₂	
	1. professors, teachers and lecturers		earnings per teacher worked on the basis of data from Education Ministry	
	2. managers, clerks and servants of educational and research institutions including libraries and museums etc.		earnings of this class taken as 75% of item 1	
	3. letters, arts and sciences	1. architects, surveyors etc.	I ₃	I ₃
		2. public scribes, stenographers etc.	I ₃	I ₃
		3. managers, clerks etc.	I ₃	I ₃
4. artists, sculptors etc.		I ₁	I ₂	
5. authors, editors etc.		I ₃	—	
6. photographers		I ₃	—	
7. recreation services—cinema		I ₁	—	
8. recreation services—others		I ₁	I ₂	
4. legal services	1. lawyers of all kinds etc.	I ₃	I ₃	
	2. clerks of lawyers etc.	I ₃	I ₃	
5. religious and charitable services	1. priests, ministers, monks etc.	I ₁	I ₂	
	2. servants in religious edifices etc.	I ₁	I ₂	
	3. managers and employees of religious organisations etc.	I ₃	I ₃	
6. sanitary services—scavengers	1. scavengers	I ₁	I ₂	
	2. others	I ₁	—	
7. barbers and hair dressers	1. barbers and hair dressers	I ₁	I ₂	
8. laundries and washermen	1. laundries and laundry services	I ₁	I ₂	
<i>b. domestic services*</i>				
1. private motor drivers and cleaners	1. private motor drivers and cleaners	I ₁	—	
	2. cooks, gardeners and other domestic servants			
2. cooks, gardeners and other domestic servants	1. cooks	I ₁	I ₂	
	2. gardeners	I ₁	I ₂	
	3. other domestic servants	I ₁	I ₂	

* change in I₁ = half the change in the index of earnings of factory workers; change in I₂ = index of earnings of rural skilled workers; and change in I₃ = three-quarters the change in the index of earnings of professors, teachers etc.

Statistical Appendices

APPENDIX 12.2

INDICATORS USED FOR ADJUSTING NOMINAL PER WORKER EARNINGS: PROFESSIONS AND LIBERAL ARTS AND DOMESTIC SERVICES

year	white collar rural and urban ^a (I ₂)	non-white collar	
		rural ^b (I ₂)	urban ^c (I ₁)
(1)	(2)	(3)	(4)
1950-51	100	100	100
1951-52	102	101	102
1952-53	105	103	103
1953-54	107	104	105
1954-55	110	106	107
1955-56	112	107	109
1956-57	115	108	110
1957-58	117†	109	112
1958-59	119†	111†	114
1959-60	122†	112†	116†

^a Based on graduated indices of per person earnings of teachers and professors employed in recognised schools—three-quarters of the change in this index used.

^b The graduated index of earnings of carpenters, blacksmiths and cobblers in sixty centres.

^c Based on graduated index of earnings per factory worker drawing less than Rs. 200 per month—half the change in this index used.

† Extrapolated.

APPENDIX 12.3

URBAN PRICE INDICES

year	wholesale price index 1952-53=100		working class consumer price index 1949=100	
	food articles	all commodities	food	general
(1)	(2)	(3)	(4)	(5)
1950	113*	110*	101	101
1951	124*	125*	104	105
1952	100	102	102	103
1953	107	104	109	106
1954	98	100	101	101
1955	85	92	92	96
1956	99	103	105	105
1957	107	109	112	111
1958	112	111	118	116
1959	118	116	125	121
1960	120	123	126	124

* Based on conventional series and obtained by arithmetical conversion.

National Income Statistics

APPENDIX 14.1

RATE OF INCREASE IN NUMBER OF HOUSES OVER THE DECADE
1941-51 : ZONEWISE

census zone	rural	urban
(1)	(2)	(3)
I	0.876	2.708
II	0.920	2.947
III	1.576	4.203
IV	-0.173	5.121
V	0.887	2.515
VI	1.331	3.929

APPENDIX 14.2

EXTENT OF RESPONSE BY MUNICIPALITIES

State territory	number* of municipalities addressed	number of municipalities sending complete returns and accepted for tabulation
(1)	(2)	(3)
Andhra	125	1
Assam	32	6
Bihar	77	10
Gujarat	149	18
Jammu and Kashmir	3	—
Kerala	29	8
Madhya Pradesh	190	21
Madras	84	26
Maharashtra	220	82
Mysore	181	43
Orissa	36	6
Punjab	176	28
Rajasthan	156	—
Uttar Pradesh	135	36
West Bengal	98	11
sub-total : States	1661	296
Andaman and Nicobar Islands	1	—
Delhi	3	1
Himachal Pradesh	12	2
Laccadive, Minicoy and Amindivi Island	Nil	—
Manipur	1	—
Tripura	1	—
sub-total : Union territories	18	3
grand total : States and Union territories	1679	299

* Existing as on 31 March 1959.

Statistical Appendices

APPENDIX 14.3

NSS ESTIMATES OF PER CAPITA EXPENDITURE ON RENT

round number	reference period	monthly expenditure on rent (in Naye Paise)		source
		rural	urban	
(1)	(2)	(3)	(4)	(5)
1.	July 1949 to June 1950	100	—	NSS published Report No. 1
2.	April-June 1951	22	—	.. 20
3.	August-November 1951	26	94
4.	April-September 1952	25	112
5.	December 1952 to March 1953	36	113
6.	May-September 1953	45	91
7.	October 1953 to March 1954	6	88
8.	July 1954 to March 1955	7	94	NSS Draft Report No. 48
9.	May-November 1955	5	84	.. 42
10.	December 1955 to May 1956	3	101	.. 45
11.	July 1956 to January 1957	4	89	.. 72

Note:—For round no. 1 the monthly figure has been arrived at by multiplying the annual rental figure by 30,365.

National Income Statistics

APPENDIX 15.1

CLASSIFICATIONS OF BALANCE OF PAYMENTS USED BY RBI AND IN UN SYSTEM OF NATIONAL ACCOUNTS

balance of payments categories required for national income purposes (U.N. System etc.)	balance of payments categories available in the RBI compilations
1. exports of goods and non-factor services	
a) exports, freight and insurance	exports f.o.b.
b) transportation not elsewhere specified	transportation receipts
c) passenger fares	
d) travel	travel receipts
e) other non-factor services	receipts relating to 'insurance', 'government not included elsewhere' and 'miscellaneous services'
2. factor services	
a) investment income	investment income receipts
b) other factor services	
3. current transfers from the rest of the world	
a) to households and non-profit institutions	private donation receipts
b) to general government	official donation receipts
<i>current receipts</i>	
4. imports of goods and non-factor services	
a) imports, freight and insurance	imports c.i.f.
b) transportation not elsewhere specified	transportation payments
c) passenger fares	
d) travel	travel payments
e) other non-factor services	payments relating to 'insurance', 'government not included elsewhere' and 'miscellaneous services'
5. factor services	
a) investment income	investment income payments
b) other factor services	
6. current transfers to the rest of the world	
a) from household and non-profit institutions	private donation payments
b) from general government	official donation payments
<i>disposal of current receipts</i>	
7. surplus on current accounts	
8. capital transfers from the rest of the world	
a) to households and non-profit institutions	private capital receipts (long-term and short-term) which would include both individual and business
b) to general government	official and banking capital receipts (long-term and short-term)

Contd.

Statistical Appendices

—Contd.

balance of payments categories required for national income purposes (U.N. System etc.)	balance of payments categories available in the RBI compilations
9. international transfers from the rest of the world to corporation	transportation relating to this should be mostly covered in 8(a) above
10. less capital transfers to the rest of the world	
a) from households and non-profit institutions	private capital payments (long-term and short-term) which would include both individuals and business
b) from general government	official and banking capital payments (long-term and short-term)
11. less international transfers to the rest of the world from corporations	transactions relating to this should be mostly covered in 10(a) above
12. net lending to the rest of the world	

APPENDIX 15.2

COMPARISON OF TOTAL INVESTMENT INCOME PAYABLE TO NON-RESIDENTS WITH THE INVESTMENT INCOME ACTUALLY PAID OUT

(in Rs. crores)

year	total investment income payable to non-residents	investment income actually paid*	difference (2)-(3)
(1)	(2)	(3)	(4)
1953	42	24	18
1954	54	29	25
1955	46	30	16
1956	57	24	33
1957	49	28	21
1958	55	35	20

* Figures stated in this column are for the financial year 1953-54 and so on.

Sources: 1. India's Investment Income Liabilities Abroad: 1953-58: RBI Bulletin (August, 1960).
2. Estimates of National Income, 1948-49 to 1959-60 (Table 9).