

8/4
Cab. S. 59
1000

THE NATIONAL SAMPLE SURVEY

NUMBER 56

REPORT ON
SAMPLE SURVEY OF
MANUFACTURING INDUSTRIES : 1955(1)
SURVEY OF SCHEDULED INDUSTRIES



सत्यमेव जयते

Issued by

The Cabinet Secretariat : Government of India

Printed by the Eka Press, Calcutta in 1962 and published
by the Manager of Publications, Civil Lines, Delhi-8

For use of the Indian Statistical Institute

THE NATIONAL SAMPLE SURVEY

NUMBER 56

REPORT ON SAMPLE SURVEY OF MANUFACTURING INDUSTRIES 1955(1)

SURVEY OF SCHEDULED INDUSTRIES



Issued by

The Cabinet Secretariat : Government of India

Printed by the Eka Press, Calcutta in 1962 and published
by the Manager of Publications, Civil Lines, Delhi-8

Note of Caution

Being the scanned copy of old NSS report, this document may suffer from following limitations -

- i. Poor Quality of the Scanned images.
- ii. Page(s) missing in between.
- iii. Improper sequencing/arrangement.

ACKNOWLEDGEMENT

The planning of the survey was done by the Indian Statistical Institute. The field-work was done by the Directorate of National Sample Survey. The data were processed in the Indian Statistical Institute in the Punching section under Rajen Roy, in the Machine Tabulation section under K. C. Podder and in the Computing section under J. N. Talukdar.

The report was prepared by P. K. Ghosh, under the guidance of Mohanlal Ganguly.

C O N T E N T S

	P A G E
CHAPTER ONE : Introduction	1
Two : Results of the survey	4
APPENDIX I : A Note on allocation problems	11
II : Tables	18
III : Facsimile of the Schedules of Investigation ...	81

INDEX TO TABLES IN THE TEXT

CHAPTER ONE

TABLE 1.1 : Distribution of undertakings (universe) by selected scheduled industries : 1955 ..	2
1.2 : Distribution of undertakings (universe) by selected states and selected industries : 1955	3

CHAPTER TWO

TABLE 2.1 : Aggregates of total invested capital, employment, input and output for selected industries : 1955	4
2.2 : Capital, output and value added per person employed in selected industries : 1955 ..	5
2.3 : Aggregates of total invested capital, employment, input and output by states ..	6
2.4 : Distribution of undertakings (all industries merged together) by size class of fixed capital : 1955	7
2.5 : Distribution of undertakings (all industries merged together) by size class of total invested capital : 1955	8
2.6 : Distribution of undertakings (all industries merged) by size class of employment ..	9
2.7 : Distribution of undertakings (all industries merged) by size class of output ..	10

THE NATIONAL SAMPLE SURVEY
NUMBER 56
REPORT ON
SAMPLE SURVEY OF MANUFACTURING INDUSTRIES 1955(1)
[SURVEY OF SCHEDULED INDUSTRIES]

*This report entitled 'Report on Sample Survey of Manufacturing Industries 1955(1) : Survey of scheduled industries' was prepared by the Indian Statistical Institute, Calcutta and is being published in the form in which it was submitted to the Government of India and the Government are not responsible for the views contained herein.**

CHAPTER ONE
INTRODUCTION

1.1. Complete enumeration of the scheduled industrial undertakings as defined in the Industries (Development and Regulation) Act of 1951 was undertaken along with the Sample Survey of Manufacturing Industries in 1956 for the year 1955. This survey did not, however, include coal undertakings.

1.2. Full detail of definitions regarding scheduled industrial undertakings has been given in NSS report no. 55 which deals with the results of the complete enumeration of similar undertakings relating to the 35 industry groups conducted in the preceding year along with the SSMI of that year. Hence these are not repeated under this report. The extension of the coverage to additional industrial undertakings with the 5th round involved a survey of about 2,900 undertakings found located in about 2200 factory establishments.

1.3. The principal purpose of the extension of the coverage was to acquire first hand experience of the problems involved in the collection of data on the basis of an undertaking as distinct from a factory, so far as the new industries were concerned. It was found in the preceding year's survey that because of the production of other commodities taking place jointly with commodities in the schedule, information, specific to commodities in the schedule or, in other words, the industrial undertakings, hardly exists separately in the records of factory.

1.4. As such the collection of data involved, in the first instance, preparation of records appropriate to the undertakings by means of a process of estimation based on related activities and of a process of allocation. Only very general procedures could be indicated to the investigating officers.

* The draft report (No. D. 62) was submitted to the Government of India in March 1960.

National Sample Survey

1.5. The purpose of this report is to throw up the results of the survey conducted in the above manner more or less on an exploratory basis. It is also hoped that in view of the importance of the industries coming under Industries (Development and Regulation) Act of 1951, the data presented will throw broad but interesting light on some important features of these industries.

1.6. The definitions of the terms used in the survey were the same as those of SSMI and therefore may not be repeated here.

1.7. It may be interesting to present some tables in order to give an idea of the concentration of scheduled undertakings in different industries and in states. Further, it may be observed that the distribution of scheduled undertakings by scheduled industries and states may indicate the relative development of the individual industries in different states. The distribution of undertakings by selected scheduled industries has been shown in table (1.1) and the distribution by selected states and selected industries has been shown in table (1.2). The selection of industries and states has been done mainly on the basis of number of undertakings. This distribution of undertakings relates to the total number licensed for the products of scheduled industries. Most of the undertakings relate to factories using power and there are very few undertakings relating to factories not using power.

TABLE (1.1) : DISTRIBUTION OF UNDERTAKINGS (UNIVERSE) BY
SELECTED SCHEDULED INDUSTRIES : 1955

description of industries (1)	S. I. number (2)	number of under- takings (3)	percen- tage to total (4)
1. iron and steel	04	194	10.94
2. sugar	08	139	7.84
3. textile : cotton	10a	512	28.88
4. textile : artificial silk	10e	146	8.23
5. textile : staple fibres	10f	57	3.21
6. heavy chemicals including fertilisers	15	84	4.74
7. machinery, boilers and steam equipments	16	125	7.05
8. pharmaceuticals and drugs	22	107	6.03
9. vegetable oils	27a	219	12.36
10. glass and ceramics	37	190	10.72
11. total		1773	100.00

Sample Survey of Manufacturing Industries 1955(1)

1.8. The above distribution of undertakings by selected industries indicates that the maximum concentration is in textile industry and then comes vegetable oils, iron and steel and glass and ceramics industries respectively. It may be evident from the table that the coverage of the selected industries is about 62 per cent of the total undertakings in the universe of the scheduled industries. It may be observed from the above table that there is a marked difference between the textile industry and other industries in respect of concentration of scheduled undertakings.

TABLE (1.2) : DISTRIBUTION OF UNDERTAKINGS (UNIVERSE) BY
SELECTED STATES AND SELECTED INDUSTRIES : 1955

selected scheduled industries

states	iron and steel (08)	sugar (08)	tex- tile : cot- ton (10a)	tex- tile : arti- ficial fibres (10e)	tex- tile : silk (10f)	heavy mach- inery incl. fertilisers (15)	mach- boi- uti- lers and cals (22)	phar- mace- table oils (27a)	vege- table and cera- mics (37)	glass (37)	total (selec- ted indus- tries)	all indus- tries
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1. Andhra	4	10	14	1	—	4	4	2	35	5	79	110
2. Bihar	9	26	4	1	1	4	2	4	12	14	77	114
3. Bombay	34	13	225	115	34	25	34	46	57	38	621	885
4. Delhi	6	—	7	1	1	2	4	1	3	6	31	66
5. Madhya pradesh	4	6	17	3	2	4	6	—	5	9	56	85
6. Madras	14	5	97	—	2	10	20	6	15	22	191	281
7. Mysore	7	4	19	8	5	6	5	3	15	9	80	129
8. Punjab	.22	2	23	15	8	2	5	5	4	5	91	173
9. Uttar pradesh	11	67	20	—	1	2	8	7	38	19	173	271
10. West Bengal	73	1	54	1	3	16	31	28	16	37	260	594
11. total (1—10)	184	133	480	145	57	75	119	102	200	164	1659	2708
12. all India	194	139	512	146	57	84	125	107	219	190	1773	2878

“—” indicates “no undertakings present”.

1.9. It may be evident from the above distribution of undertakings by states and scheduled industries that the development of undertakings (indirectly, the industries) has been concentrated in certain states. In the case of iron and steel industry, the concentration is maximum in West Bengal and next come Bombay and Punjab in order of concentration. The concentration is highest in Bombay followed by Madras and West Bengal in the case of textile industry. Thus, the above table provides a good idea of the localisation of certain important industries in different states. It may also be observed from the above table that the concentration of undertakings is highest in the state of Bombay; West Bengal and Madras come next in order of concentration. In the selected states, the coverage is 94 per cent of total undertakings in the universe of scheduled industries.

CHAPTER Two
RESULTS OF THE SURVEY

2.1. The main results of the survey of scheduled industries for the year 1955 have been discussed in this chapter in order to throw some light with respect to scheduled industries in general. Aggregates of total invested capital, employment, input and output by scheduled industries and by states have been shown in table (2.1) and table (2.3) respectively. The distribution of undertakings (surveyed) by size classes of fixed capital, total invested capital, employment and output have been shown in table (2.4), table (2.5), table (2.6) and table (2.7) respectively. The aggregates of a few important items of information by scheduled industries and by states may give an idea of the existing manufacturing activities of the entire scheduled industries as well as the states in respect of those industries.

TABLE (2.1) : AGGREGATES OF TOTAL INVESTED CAPITAL, EMPLOYMENT, INPUT AND OUTPUT FOR SELECTED INDUSTRIES : 1955

description of industries	S. I. number	number of undertakings		total invested capital (Rs. in lakhs)	employment (actual number)	input (Rs. in lakhs)	output (Rs. in lakhs)
		universe	surveyed				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. iron and steel	04	194	182	5430.0	90419	5253.9	8935.9
2. sugar	08	193	125	4806.6	109777	8525.0	11648.5
3. textile : cotton	10a	512	481	21783.1	745586	28476.6	44267.9
4. textile : artificial silk	10e	146	139	1146.7	24624	1465.5	2171.0
5. textile : staple fibre	10f	57	52	550.0	1683	61.2	87.3
6. heavy chemicals including fertilisers	15	84	75	2105.5	15943	1214.4	1896.5
7. machinery, boilers and steam equipments	16	125	116	1072.5	20094	534.2	1000.6
8. pharmaceutical equipments and drugs	22	107	104	1443.8	15829	1314.3	2240.0
9. vegetable oils	27a	219	215	964.6	15750	4228.1	4664.7
10. glass and ceramics	37	190	181	889.9	49416	746.6	1447.4
11. total	—	1773	1670	40192.7	1089121	51819.8	78359.8
12. all industries	—	2878	2709	66364.6	1539827	80669.9	119217.7

Sample Survey of Manufacturing Industries 1955(1)

2.2. It may be mentioned here that the total number of industrial undertakings not surveyed was 169. Most of these undertakings obtained either new licences or newly started, hence no data could be collected for these cases. It may be stated here that the total picture of the scheduled industries would not be distorted due to non-response of these 169 cases. It may be observed from the above table that the total output of all the scheduled industries pooled together is about Rs.1192 crores, where the bulk of the contribution is made by textile industries, specially cotton textile industry. The percentage of contribution made by the textile industries happens to be 38.9 in respect of output. The contribution of sugar industry is next to textile industries. It may be interesting to note here that the output of vegetable oils and iron and steel industries lags much behind that of sugar industry though the coverage of scheduled undertakings in the case of both vegetable oil and iron and steel industries happens to be more than that of sugar industry. It may be evident from the table that the total employment of all the selected scheduled industries pooled together is about 11 lakhs, 70 per cent of which contribution is made by the textile industries. Sugar industry comes next to textile industries in this respect. The employment potentialities of iron and steel and vegetable oil industries happen to be lagging behind to a great extent. The same trend is being followed in case of invested capital with the exception that the iron and steel industry leads sugar industry in this respect.

TABLE (2.2) : CAPITAL, OUTPUT AND VALUE ADDED PER PERSON EMPLOYED IN
SELECTED INDUSTRIES : 1955

description of industries	S. I. number	number of undertakings		invested capital (rupees)	output (rupees)	value added (rupees)
		universe	surveyed			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. iron and steel	04	194	182	60051	9883	4072
2. sugar	08	193	125	4379	10611	2845
3. textile : cotton	10a	512	481	2922	5937	2118
4. textile : artificial silk	10e	146	139	4657	8817	2865
5. textile : staple fibre	10f	57	52	32680	5187	1551
6. heavy chemicals including fertilisers	15	84	75	13206	11896	4278
7. machinery, boilers and steam equipments	16	125	116	5337	4980	2321
8. pharmaceutical equipments and drugs	22	107	104	9121	14151	5848
9. vegetable oils	27a	219	215	6124	29617	2772
10. glass and ceramics	37	190	181	1801	2929	1418
11. total	—	1773	1670	3690	7195	2437
12. all industries	—	2878	2709	4310	7742	2503

National Sample Survey

2.3. The aforesaid table provides an idea of capital, output and value added per person employed in respect of selected scheduled industries as well as all the scheduled industries pooled together. It may be observed that the capital invested per person employed is about Rs.33 thousand in the case of textile fibre industry and it is about Rs.13 thousand in the case of heavy chemicals industry. But it may be interesting to note that the value added per person employed is about Rs.6 thousand in the case of pharmaceutical and drugs industry and it is about Rs.4 thousand in the case of heavy chemicals industry. Thus it may be observed that the contribution of heavy chemicals industry is significant towards the addition of national income taking all other factors into consideration. It may be mentioned here that this table provides some supplementary information to that of Table (2.1).

TABLE (2.3) : AGGREGATES OF TOTAL INVESTED CAPITAL, EMPLOYMENT, INPUT AND OUTPUT BY STATES

states	number of undertakings		total invested capital (Rs. in lakhs)	total employment (actual number)	input (Rs. in lakhs)	output (Rs. in lakhs)	value added (Rs. in lakhs)
	universe	surveyed					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	110	101	3289.5	34652	2071.6	2970.4	898.8
2. Assam	14	13	848.7	12311	674.2	1125.8	451.6
3. Bihar	114	95	6237.2	85009	5943.1	9499.3	3556.2
4. Bombay	885	856	22761.7	571538	29950.8	45653.4	15702.6
5. Delhi	66	66	688.6	21049	1318.2	1878.9	560.7
6. Himachal Pradesh	2	2	—	—	—	—	—
7. Kerala	102	88	1943.1	24090	1362.4	1893.0	330.6
8. Madhya Pradesh	85	59	1336.0	49563	1496.6	2183.6	687.0
9. Madras	281	267	5098.3	112151	5758.1	8435.0	2676.9
10. Mysore	129	107	2323.7	43540	1893.0	2692.5	799.5
11. Orissa	20	19	448.1	8063	336.7	536.1	199.4
12. Punjab	173	168	865.2	24083	954.6	1397.8	443.2
13. Rajasthan	32	30	1063.4	17914	777.3	1124.2	346.9
14. Uttar Pradesh	271	260	5280.5	142916	8808.1	12272.5	3464.4
15. West Bengal	594	578	15082.6	392948	19325.2	27555.2	8230.0
16. all India	2878	2709	66364.6	1539827	80669.9	119217.7	38547.8

“—” indicates “not available” as the undertakings are “not in operation”,

Sample Survey of Manufacturing Industries 1955(1)

2.4. The above table indicates that the output of all scheduled industries taken together is maximum in the case of Bombay state and the states of West Bengal and U.P. come next to it in order of contribution. The same trend is being followed in the case of employment and invested capital with the exception that the state of Uttar Pradesh leads Madras in respect of invested capital. The above table gives an idea of the pattern of output of scheduled industries in different states.

TABLE (2.4): DISTRIBUTION OF UNDERTAKINGS (ALL INDUSTRIES MERGED TOGETHER) BY SIZE CLASS OF FIXED CAPITAL : 1955

size class of fixed capital Rs. (000)	total undertakings	per-cent-age	cumula-tive per-cent-age
(1)	(2)	(3)	(4)
1. below 10	488	18.01	18.01
2. 10 — 24	91	3.36	21.37
3. 25 — 49	154	5.68	27.05
4. 50 — 99	258	9.52	36.57
5. 100 — 149	160	5.91	42.48
6. 150 — 249	252	9.30	51.78
7. 250 — 349	162	5.98	57.76
8. 350 — 499	174	6.42	64.18
9. 500 — 749	154	5.69	69.87
10. 750 — 999	107	3.95	73.82
11. 1000 — 1499	176	6.50	80.32
12. 1500 — 1999	124	4.58	84.90
13. 2000 — 2499	96	3.54	88.44
14. 2500 — 3499	101	3.73	92.17
15. 3500 — 4999	82	3.03	95.20
16. 5000 — 7499	57	2.10	97.30
17. 7500 — 9999	33	1.22	98.52
18. 10000—12499	12	0.44	98.96
19. 12500—14999	7	0.26	99.22
20. 15000—19999]	8	0.30	99.52
21. 20000—24999	4	0.15	99.67
22. 25000 and above	9	0.33	100.00
23. total	2709	100.00	—

National Sample Survey

2.5. The distribution of undertakings shown in the above table refers to the total undertakings surveyed and *not* the total undertakings existing in the universe of scheduled industries. It may be observed from the above table that 52 per cent of the total undertakings come under the category of factories employing fixed capital below Rs.2.5 lakhs and 70 per cent of total undertakings come under the purview of factories employing fixed capital less than Rs.7.5 lakhs. The group of factories comprising 99.67 per cent of total undertakings employ fixed capital less than Rs. 2.5 crores.

TABLE (2.5): DISTRIBUTION OF UNDERTAKINGS (ALL INDUSTRIES MERGED TOGETHER) BY SIZE CLASS OF TOTAL INVESTED CAPITAL : 1955

size class of invested capital Rs. (000)	total undertakings	percen- tage	cumula- tive percentage
			(4)
1. below 10	521	19.23	19.23
2. 10 — 24	49	1.81	21.04
3. 25 — 49	70	2.58	23.62
4. 50 — 99	128	4.72	28.34
5. 100 — 149	120	4.43	32.77
6. 150 — 249	212	7.82	40.59
7. 250 — 349	153	5.65	46.24
8. 350 — 499	195	7.20	53.44
9. 500 — 749	151	5.57	59.01
10. 750 — 999	131	4.84	63.85
11. 1000 — 1499	163	6.02	69.87
12. 1500 — 1999	103	3.80	73.67
13. 2000 — 2499	89	3.29	76.96
14. 2500 — 3499	138	5.09	82.05
15. 3500 — 4999	127	4.69	86.74
16. 5000 — 7499	136	5.02	91.76
17. 7500 — 9999	66	2.44	94.20
18. 10000—12499	52	1.92	96.12
19. 12500—14999	31	1.14	97.26
20. 15000—19999	30	1.11	98.37
21. 20000—24999	17	0.63	99.00
22. 25000 and above	27	1.00	100.00
23. total	2709	100.00	—

Sample Survey of Manufacturing Industries 1955(1)

2.6. It may be interesting to note from the above distribution table that 40.6 per cent of the total undertakings come under the category of units employing total invested capital less than Rs.2.5 lakhs and it is 46.2 per cent in the case of units employing invested capital less than Rs.3.5 lakhs. The coverage in this respect is 99 per cent in the case of units employing invested capital less than Rs.2.5 crores. It may be very essential to mention here that the above observations may be very helpful in the determination of issuing licence to the factories, producing scheduled products.

TABLE (2.6) : DISTRIBUTION OF UNDERTAKINGS (ALL INDUSTRIES MERGED) BY SIZE CLASS OF EMPLOYMENT

size class of employment actual number	total un- der- takings	percen- tage	cumula- tive percentage
(1)	(2)	(3)	(4)
1. 1 — 9	502	18.53	18.53
2. 10 — 19	74	2.73	21.26
3. 20 — 39	160	5.91	27.17
4. 40 — 49	103	3.80	30.97
5. 50 — 74	214	7.90	38.87
6. 75 — 99	188	6.94	45.81
7. 100 — 149	197	7.27	53.08
8. 150 — 249	266	9.82	62.90
9. 250 — 349	117	4.32	67.22
10. 350 — 499	151	5.57	72.79
11. 500 — 749	141	5.20	77.99
12. 750 — 999	88	3.25	81.24
13. 1000—1499	126	4.65	85.89
14. 1500—1999	75	2.77	88.66
15. 2000—2499	62	2.29	90.95
16. 2500 and above	163	6.02	96.97
17. not reported	82	3.03	100.00
18. total	2709	100.00	—

2.7. The above distribution table reveals that 30.97 per cent of total undertakings under survey come in the group of units, employing less than 50 persons and it is 45.81 per cent in the case of units employing less than 100 persons. The percent-

National Sample Survey

age in this respect is 90.95 in the case of units employing less than 2.5 thousand persons. The above observations may also help in deciding cases for granting licences under the Industries (Development) and Regulation Act of 1951.

TABLE (2.7) DISTRIBUTION OF UNDERTAKINGS (ALL INDUSTRIES MERGED) BY SIZE CLASS OF OUTPUT

size class of output Rs. in (000)	total undertakings	percen- tage	cumula- tive percentage
(1)	(2)	(3)	(4)
1. below—10	482	17.80	17.80
2. 10 — 24	32	1.18	18.98
3. 25 — 49	45	1.66	20.64
4. 50 — 99	62	2.29	22.93
5. 100 — 149	78	2.88	25.81
6. 150 — 249	132	4.87	30.68
7. 250 — 349	120	4.43	35.11
8. 350 — 499	144	5.32	40.43
9. 500 — 749	178	6.57	47.00
10. 750 — 999	138	5.10	52.10
11. 1000 — 1499	168	6.20	58.30
12. 1500 — 1999	111	4.10	62.40
13. 2000 — 2499	93	3.43	65.83
14. 2500 — 3499	98	3.62	69.45
15. 3500 — 4999	135	4.98	74.43
16. 5000 — 7499	155	5.72	80.15
17. 7500 — 9999	96	3.54	83.69
18. 10000—12499	95	3.51	87.20
19. 12500—14999	74	2.73	69.93
20. 15000—19999	80	2.95	92.88
21. 20000—24999	52	1.92	94.80
22. 25000 and above	74	2.73	97.53
23. not reported	67	2.47	100.00
24. total	2709	100.00	—

2.8. It is evident from the above distribution table that 52 per cent of the total undertakings under survey happen to arrive at an output less than Rs.10 lakhs and it is 94.8 per cent in the case of output less than Rs.2.5 crores.

APPENDIX I
A NOTE ON ALLOCATION PROBLEMS

1. The survey of industrial undertakings registered under the Industries (Development and Regulation) Act, 1951, introduced many complications in the field work as well as the technical work of the SSMI. The allocation is the foremost amongst them.

2. The survey of a scheduled industry undertaking involves allocation unless the registered undertaking corresponds to a factory establishment which has no products other than those relating to the particular scheduled industry. Most of the factory establishments, however, produce a variety of products. Some products may relate to one or more scheduled industries while others may not. Such a factory establishment may be registered under one or more scheduled industries and have other products not covered by any scheduled industry. Typical is the case of *X Electric Works Ltd.*, which is registered under S.I.9 (Telephone, Telegraph apparatus, etc.), S.I.13A, Electric Fans, S.I.19 Machinery and Equipment for generation, transmission and distribution of electric energy and the products under these three scheduled industries account for only 60 per cent of the total production carried on in that single factory establishment. It is in such cases as this that allocation is essential and is complicated.

3. A practical difficulty arises due to the classification of an establishment under different scheduled industries ; the difficulty relates to the submission of schedules. To illustrate, the *E. Belting Manufacturing Co. Ltd.* is registered under S.I.10 (a) and 10(c) and is manufacturing (i) hair belting, (ii) cotton belting, (iii) cotton conveyor belting, (iv) cotton hose pipe belting. Products numbers (ii), (iii) and (iv) require cotton yarn only and can be put under S.I. 10 (a). Hair belting, on the other hand, is manufactured with, approximately, 45 per cent wool and 55 per cent of cotton yarn and it has to be decided whether it comes under S.I. 10(a) or S.I. 10 (c). Production of hair belting accounts for over 90 per cent of the total production of the factory. Then, how to deal with hair belting ?

4. Similar difficulty arises in the case of factories registered under 10(d), 10(e), 10(f) along with 10(a) or in any other combination. A factory registered under 10(f) might be using staple fibre yarn for borders of the sarees produced with silk or artificial silk yarn 10 (d) or 10(e). Then, is a separate schedule required for 10(f) ?

5. There is the case of the '*A*' Silk Mills Ltd. It is registered under S.I. 10(a) and S.I.10(e). It is found that S.I.10(a) accounts for only 1/35 of its total production and only 1/85 of the total labour is engaged therein. When the items in Block 4 and Block 6 were allocated in these ratios, the data for S.I.10(a) appeared wholly unrealistic. What, again, could be done in this case ?

6. Ordinarily for each undertaking in the scheduled industries list, (scheme 'O' list) a separate schedule should be submitted. There may, however, be a few

cases where this is not feasible or useful. In the case of the 'E' Belting Co. mentioned above a separate schedule for S.I.10(c) is not feasible because 55 per cent of the material consumed is cotton yarn. Similarly where staple fibre is used for borders or such other purposes in an undertaking under S.I.10(a) or 10(d) or 10(e), a separate schedule for 10(f) may not be feasible. On the other hand, in the case of 'A Silk Mills Ltd.' mentioned above a separate schedule for 10(a) is feasible because the production is carried on cent per cent with cotton yarn, although the value of production is only 1/35 of the total production of the factory. In both cases ('E' Belting Co. as well as 'A' Silk Mills Ltd.) the schedules, even if they are prepared, will not be useful because they do not present any realistic position regarding the fixed assets, labour, etc. required for the undertaking. In such marginal cases as the 'E' Belting Co. it is proposed not to ask for a separate schedule for 10(e). Similar will be the case of 10(f) etc. where the material relating to them forms only a minor part of a unit of finished product of the establishment. Other similar cases may be referred to ISI as they are found by the investigators.

7. In the case of the 'A' Silk Mills Ltd. a separate schedule for 10(a) is required because the finished product is prepared, cent per cent with cotton yarn although its total production is only 1/35 of that of the factory establishment. Entries in Block 4, especially the fixed capital portion, will have to be made in such a way that the assets required for running the undertaking as an independent unit (i.e. if the undertaking covers the establishment as a whole) are realistic ones.

8. In the case of all scheduled industry undertakings where allocation is required, it would be useful to bear in mind this point—what would be the value of this particular item if the establishment is producing this particular product only (i.e. if the undertaking and the establishment are co-extensive). This would enable us to get a realistic picture about the undertaking as it is existing.

9. Another similar instance is the T.I.S. Ltd. The name appears twice in the Scheme 'O' list once under S.I.4 (Iron and Steel) and again under S.I.42 (Ferro-Manganese). Iron ore is blasted together with other materials in a blast furnace to produce pig iron. The same blast furnace is used to blast manganese together with other materials to produce ferro-manganese, when required. The mechanical and engineering staff, of course, remain the same. The ex-factory value of production of the factory in 1954 was Rs. 3604.62 lakhs of which ferro-manganese amounted to Rs. 64.25 lakhs only. How to fill in the schedule for S.I.42 so far as Blocks 4.5 and 6 are concerned? In view of the proportion of production due to ferro-manganese, working capital for S.I. 42 may be treated as nil. Fixed capital should be shown in full with an explanatory note.

10. In Block 5, the working days actually worked for the production of ferro-manganese should be given and *not* the total working days for the establishment. This would make the calculation of total man hours worked for S.I.42 and the total salaries, wages, etc. paid therefor meaningful.

11. Where a factory establishment is registered under both S.I. 17 and S.I 17A, a single schedule may be submitted to cover both the industries and a suitable explanatory note given to that effect.

12. A question is sometimes raised as to whether in the case of a factory establishment producing two or more products but registered as a scheduled industry undertaking for only some of the products, the other products can be treated as subsidiary products and a schedule submitted for the entire establishment, even for those in scheme 'O' sample list. Here is a typical instance. The 'R' Oil Mills is registered under S.I. 27A ; the factory produces vegetable oils but has a rice section also. Separate value for plant and machinery, etc. is not available ; certain other assets like boilers, electric installations, etc. are common to both the sections. The management cannot provide separate figures for the rice milling section for blocks 5 and 6 as most of the workers work in both the sections. Would it not be better to accept the figures for the factory establishment as a whole treating rice as a subsidiary product ? Rice, obviously, cannot be treated as a subsidiary product of oil crushing and so the figures for the factory establishment as a whole cannot be accepted for S.I.27A. Machinery and other fixed assets common to both sections should be included as mentioned above but every effort should be made to separate out that part of the assets specifically used for rice milling only. The number of rice milling days should be obtained (the questioner says it is available) and excluded from the schedule for S.I.27A. The total man-hours worked for rice milling should be estimated (it is said that it can be done) and deducted from the total man hours worked by the factory, to arrive at total man hours worked for S.I.27A. A reasonable estimate of persons handling paddy (drying boiled rice, etc.) should be made with the help of the management so as to determine the average number of persons working in the rice milling section. The entries given in blocks 5 and 6 of the schedule should altogether be consistent. As the number of rice milling days is available, the entries in block 5 should be so made as to include only working days applicable for S.I.27A. Similarly, as the quantity of rice milled and the number of rice milling days are available, approximate deductions therefore should be made for fuels consumed for making entries in block 10.

13. There are complicated cases where the figures relating to an establishment will have to be allocated as between different scheduled industries. The methods to be followed in such cases may now be considered in detail.

14. A filled-in schedule (it would be appreciated) should be complete and give a realistic picture of the establishment or undertaking surveyed. In the case of an undertaking, in particular, the schedule should give an idea of the fixed capital and labour required to run the enterprise independently. That is to say, the schedule should give a picture of the enterprise as it would be, if the undertaking was identical with the factory establishment as a whole. Allocation should not distort this picture. A short note giving the method of allocation followed and the schedules affected by it should accompany each such schedule.

15. *Land and/or land and buildings* may have to be allocated between different undertakings. A few typical instances and the procedure to be followed in such cases are given below.

16. The 'N' Electrical Industries Ltd. is registered under S.I.14 and S.I.19. The ex-factory selling values for the different products of the factory for the year 1955 are worked out as below.

i) transformer production	77% of the total
ii) electric motor production	22% of the total
iii) other products	1% of the total

17. The factory is having a leasehold land of about 2000 sq. yards and a 3-storied building covering about 3000 sq. yds. On the open land (2000 sq. yds.), a temporary structure was constructed for the use of the transformer department. In the main building, the ground floor is being occupied by the machine shop which is common for the two undertakings. The office of the factory is located in the first floor while the electric motor department occupies the second floor. The factory has paid an amount of Rs. 19,896 as rent of land and building for the year 1955 but separate figures for ground rent and rent of building were not available. It was, however, ascertained from the management that the rent for ground floor in that particular locality is charged at 3 per cent per annum being interest on the cost of land calculated at Rs.32 per sq. yd. This amounts roughly to Rs. 5000 for the 5000 sq. yds. of land. The balance Rs. 14896 may be treated as rent for the building. As regards allocation of the above rent, the transformer section should get 2/5 of the ground rent for the temporary structure plus a share in the rent for the common area occupied by the building. The electric motor department should get 1/5th of the ground rent (since it is occupying only one of the three stories in the main building) plus a share in the common building. The ground rent ascribable for the common building may be allocated on the basis of the ex-factory value of production of the two departments. The rent for the building also may be similarly allocated. The allocated figures are as below :

Transformer Department :

Rent of land :	Rs. 3,540
Rent of building :	Rs. 7,647
	Rs. 11,187

Motor Department :

Rent of land :	Rs. 1,440
Rent of building :	Rs. 7,149
	Rs. 8,589

18. The cost of the temporary structure for the transformer department is available separately. But in the rented building major additions have been done in all the three stories. This, again, requires allocation which may be done on the basis of the ex-factory selling values of the products.

19. Here is an illustration of another type of allocation of land. The 'A' Vanaspaly Manufacturing Co. Ltd. is registered under S.I.27 and S.I.39 and has other products as well. The factory owns land, about 80 bighas in extent, purchased at a price of Rs. 41,202. The company does not have any record regarding the land covered by the factory, the stores and godowns, the office building, etc. The chief accountant of the factory could, however, give a fairly good estimate of the area covered by the three categories. The factory was said to occupy in all 56 bighas, the godowns and stores 4 bighas and the office 20 bighas. The average price per bigha is worked out and the cost of land under the different uses thus ascertained. It would therefore be necessary to allocate these amounts between the two scheduled industries and the other products. The following procedure may then be followed ; (a) the cost of the factory land may be allocated in the same proportion as plant and machinery, (b) the cost of land under godowns and stores may be allocated in the ratio of the stocks of raw materials and finished products relating to the different products, (c) the balance of the cost may be allocated on the basis of the ex-factory value of the products. Where, however, the land is used for the construction of staff quarters, the number of workers engaged in each industry should be the suitable basis for allocation.

20. *Plant and Machinery* : As a rule, the plant and machinery required for the conduct of the processes of manufacture of the undertaking should be included in the schedule for the undertaking. Where a group of machines or a workshop is common to two or more undertakings, the plan would be to ascertain the extent to which the workshop would be utilised if working for only one of each of the undertakings. For example, it has been ascertained in the case of 'N' Electrical Industries Ltd. (quoted already) that if the transformer department (S.I.19) alone is working, 70 per cent of the machine shop would be utilised. Consequently 70 per cent of the value of plant and machinery in the workshop will have to be included in item 4 of block 4. While filling in the schedule for the motor department (S.I.14), a similar procedure has to be adopted. In doing so, it might so happen (though it is not the case in 'N' Electrical Industries Ltd.) that a part of the machinery is counted twice. Such double counting does not affect the results of individual scheduled industries but will affect those of manufacturing industries as a whole. It is to guard against this double counting that all factories having scheduled industry undertakings are brought under scheme 1.

21. *Other fixed assets* : As between manufacture and distribution, these items should be allocated, as far as possible, on the 'actual' basis. Where the 'actual' data could not be obtained, these may be allocated, as a last resort, on the basis of the gross earnings of the two departments.

22. Sometimes other fixed assets may have to be allocated between different undertakings relating to the same establishment. In such cases, plant and machinery may be allocated first and then the same ratio applied for these items too. Suppose an establishment comprises of two undertakings and has plant and machinery worth Rs. 100 lakhs, allocated as to Rs. 70 lakhs and Rs. 50 lakhs (20 lakhs being common to both and thus counted twice), then, the ratio 70 : 50 may be applied in allocating other fixed assets. It is thus clear that in these cases there will be no double counting.

23. *Stock of raw materials, fuels, etc., finished products, semi-finished and partly finished products* : Actual figures should be obtained for these items. Where it is not possible to get them, the matter may be referred to ISI with details of the case.

24. *Cash in hand and at bank, Sundry Debtors and Sundry Creditors* : These items may be allocated in consultation with the management. As between distribution and manufacture, the former may be ignored if it forms only a minor part of the activities of the establishment. Otherwise, allocation will have to be made. If the management is unable to give any guidance, as a last resort, allocation may be made on the basis of the gross earnings of the two departments. As between two or more undertakings, the allocation may be made on the basis of the ex-factory value of their products.

25. *Block 5* : Block 5 requires special attention in the case of scheme 'O' schedules. It should be appreciated that the entries in blocks 5,6,7 and 8 should be consistent and give a reasonably realistic picture of the manufacturing activities of the undertaking. In the case of the T.I.S. Ltd. (quoted above), for instance, if it is said that it worked for 339 days for production of ferro-manganese (S.I. 42) with only 3 or 4 workers per working day, the picture would not be realistic at all. If, on the other hand, it is said that it worked (under S.I. 42) for 10 or 15 days with 3000 workers per working day, the position would be more realistic. Moreover, the consolidated schedule would explain the full range of activities of the establishment. The working days for the undertaking (in scheme 'O' list) need not be the same as those for the corresponding factory establishment. Every effort should be made to obtain the actual number of working days for which the factory worked for producing the products pertaining to the particular scheduled industry.

26. *Block 6* : As between different undertakings, workers directly employed may be allocated on the same basis as plant and machinery, supervisory and managerial staff and other employees may then be allocated on the basis explained in the case of 'other fixed assets'.

27. *Blocks 7 and 8* : A difficulty seems to arise regarding the scope of certain products in filling in a schedule for an undertaking. To illustrate, A Oil Mills Ltd. is registered under S.I.27A (vegetable oil) and S.I.39 (soap). Here oil is an intermediate product for soap industry. Now, if the purpose of the survey is to arrive at total production for the different undertakings, whether the product is

consumed within the same establishment (by another undertaking) or sold outside, what should be the value of the oil consumed within the factory? No selling value is available for the oil because it is consumed within the same factory establishment. It may be noted that this difficulty does not arise in the case of other than scheme 'O' samples. In the case of scheme 'O' schedules, for instance, so far as S.I.27A is concerned oil is the final product and its ex-factory value has to be recorded even if the oil is used by a sister undertaking in the same factory establishment. The ex-factory value may be calculated on the basis of selling value of oil sold by the same undertaking or an undertaking in the same locality. The ex-factory selling value of oil given in the schedule for S.I.27A should be given as input in the schedule for S.I.39, with suitable cross reference in the schedules for the undertakings as well as the consolidated schedules.

28. There seems to be some difficulty in determining the exact scope of some scheduled industry products. A few typical illustrations may be considered. In S.I.20, it was found that an undertaking has a factory manufacturing utensils of a non-ferrous metal while S.I.20 is described to concern with non-ferrous metals including alloys (and semi-manufactures thereof). The semi-manufacture stage is reached where plate sheets, circles, etc., are prepared and then how to deal with utensils and how to find out the ex-factory value of the semi-manufactured good? The description given for S.I. 20 may be interpreted in such a manner as to include the finished products (like utensils, etc.) of the non-ferrous metals too and the difficulty may thus be averted.

29. There is, again, the case of a composite product. Tin plate cans (S.I.4) are sometimes manufactured wholly out of tin plates but sometimes the top and bottom are made of tin and the body manufactured out of card-board. Are the latter to be included under S.I.4? Here, again, the answer should be in the affirmative.

30. *Block 10* : The items in this block, where necessary, may be allocated in consultation with the management. Failing which, as a last resort, the items may be allocated on the basis of the ex-factory value of the products in the case of undertakings.

31. *Block 11* : The item of repair and maintenance (item 2) may be allocated in the ratio of fixed capital. All other items (items 12 onwards) may be allocated on the basis of the ex-factory value of products. This would apply in the case of undertakings.

APPENDIX II

LIST OF TABLES : 1955

	PAGE
TABLE 1.1 : Distribution of undertakings (universe) by States (re-organised) ..	21
1.2 : Distribution of undertakings (universe) by scheduled industries ..	22
1.3 : Distribution of undertakings (universe) by scheduled industries and states ..	24
2.1 : Distribution of undertakings not surveyed by States (re-organised) ..	27
2.2 : Distribution of undertakings not surveyed by scheduled industries ..	28
3.1 : Value of capital—fixed, working and invested by states (re-organised) ..	30
3.2 : Aggregates of employees per working day by scheduled industries ..	32
3.3 : Emolument of employees by scheduled industries ..	34
3.4 : Value of input and output by scheduled industries ..	36
4.1 : Value of capital—fixed, working and invested by States (re-organised) ..	38
4.2 : Aggregates of employees per working day by States (re-organised) ..	39
4.3 : Emoluments of employees by States (re-organised) ..	40
4.4 : Value of input and output by States (re-organised) ..	41
5.1 : Aggregates of selected items for Aircraft Industry (01) by State ..	42
5.2 : Aggregates of selected items for Arms and Ammunition Industry (02) by State ..	42
5.3 : Aggregates of selected items for Iron and Steel Industry (04) by State ..	43
5.4 : Aggregates of selected items for Mathematical Instruments Industry (05) by State ..	43
5.5 : Aggregates of selected items for Scientific Instruments (5A) by State ..	44
5.6 : Aggregates of selected items for motor and aviation fuel, kerosene and crude oil and synthetic oils (06) by State ..	44
5.7 : Aggregates of selected items for ships and other vessels (07) by State ..	45
5.8 : Aggregates of selected items for Sugar Industry (08) by State ..	45
5.9 : Aggregates of selected items for Telephones, Telegraph apparatus and Wireless communication apparatus Industry (09) by State ..	46
5.10 : Aggregates of selected items for Textiles : Cotton Industry (10a) by State ..	46
5.11 : Aggregates of selected items for Textiles : Jute Industry (10b) by State ..	47
5.12 : Aggregates of selected items for Textiles : Woollen Industry (10c) by State ..	47
5.13 : Aggregates of selected items for Textiles—Silk Industry (10d) by State ..	48
5.14 : Aggregates of selected items for Textiles—Artificial Silk Industry (10e) by State ..	48
5.15 : Aggregates of selected items for Textiles—Staple Fibres Industry (10f) by State ..	49
5.16 : Aggregates of selected items for Automobiles Industry (11) by State ..	49

Sample Survey of Manufacturing Industries 1955(1)

	PAGE
TABLE 5.17 : Aggregates of selected items for Tractors Industry (11a) by State ..	50
5.18 : Aggregates of selected items for Cement Industry (12) by State ..	50
5.19 : Aggregates of selected items for Electric Lamps Industry (13) by State ..	51
5.20 : Aggregates of selected items for Electric Fans Industry (13A) by State ..	51
5.21 : Aggregates of selected items for Electric Motor Industry (14) by State ..	52
5.22 : Aggregates of selected items for Heavy Chemicals including Fertiliser Industry (15) by State	52
5.23 : Aggregates of selected items for Machinery, Boiler and Steam equipment Industry (16) by State	53
5.24 : Aggregates of selected items for Ball, Roller and Tapered bearings Industry (16a) by State	53
5.25 : Aggregates of selected items for Locomotives Industry (17) by State ..	54
5.26 : Aggregates of selected items for Rolling Stock Industry (17a) by State ..	54
5.27 : Aggregates of selected items for Machine tools Industry (18) by State ..	55
5.28 : Aggregates of selected items for Machinery and equipment for generation, transmission and distribution of electric energy Industry (19) by State ..	55
5.29 : Aggregates of selected items for Non-ferrous metal alloys Industry (20) by State ..	56
5.30 : Aggregates of selected items for Paper including newsprint Industry (21) by State ..	56
5.31 : Aggregates of selected items for Pharmaceutical and drug Industry (22) by State ..	57
5.32 : Aggregates of selected items for Power and industrial alcohol Industry (23) by State	57
5.33 : Aggregates of selected items for Rubber goods Industry (24) by State ..	58
5.34 : Aggregates of selected items for Leather and leather goods Industry (25) by State	58
5.35 : Aggregates of selected items for Glue and gelatine Industry (26) by State ..	59
5.36 : Aggregates of selected items for Vanaspati Industry (27) by State ..	59
5.37 : Aggregates of selected items for Vegetable oils (27a) by State ..	60
5.38 : Aggregates of selected items for Agricultural implements Industry (28) by State ..	60
5.39 : Aggregates of selected items for Batteries, dry cells, etc. Industry (29) by State ..	61
5.40 : Aggregates of selected items for Bicycle Industry (30) by State ..	61
5.41 : Aggregates of selected items for Hurricane Lantern Industry (31) by State ..	62
5.42 : Aggregates of selected items for Internal combustion engine Industry (32) by State ..	62
5.43 : Aggregates of selected items for Power-driven pumps Industry (33) by State ..	63
5.44 : Aggregates of selected items for Radio receiver Industry (34) by State ..	63
5.45 : Aggregates of selected items for Sewing machines Industry (35) by State ..	64
5.46 : Aggregates of selected items for Small tools Industry (36) by State ..	64
5.47 : Aggregates of selected items for Hand tools Industry (36a) by State ..	65

National Sample Survey

	PAGE
TABLE 5.48 : Aggregates of selected items for Glass and ceramics Industry (37) by State	65
5.49 : Aggregates of selected items for Dye-stuffs Industry (38) by State	66
5.50 : Aggregates of selected items for Soap Industry (39) by State	66
5.51 : Aggregates of selected items for other toilet requisites Industry (40) by State	67
5.52 : Aggregates of selected items for Plywood Industry (41) by State	67
5.53 : Aggregates of selected items for Ferro-manganese Industry (42) by State	68
6.1 : Distribution of undertakings by size class of fixed capital and scheduled industries	69
6.2 : Distribution of undertakings by size class of invested capital and scheduled industries	72
6.3 : Distribution of undertakings by size class of employment and scheduled industries	75
6.4 : Distribution of undertakings by size class of output and scheduled industries	78

Sample Survey of Manufacturing Industries 1955 (1)

TABLE (1.1): DISTRIBUTION OF UNDERTAKINGS
(UNIVERSE) BY STATES (RE-ORGANISED) : 1955

name of states (1)	number of undertakings (2)	percentage to total (3)
1. Andhra	109	3.78
2. Assam	14	0.49
3. Bihar	115	3.96
4. Bombay	885	30.75
5. Delhi	66	2.29
6. Himachal Pradesh	2	0.07
7. Kerala	106	3.68
8. Madhya Pradesh	85	2.95
9. Madras	277	9.63
10. Mysore	130	4.52
11. Orissa	20	0.70
12. Punjab	172	6.01
13. Rajasthan	32	1.11
14. Uttar Pradesh	271	9.42
15. West Bengal	594	20.64
16. all India	2878	100.00

National Sample Survey

TABLE (1.2) : DISTRIBUTION OF UNDERTAKINGS (UNIVERSE) BY
SCHEDULED INDUSTRIES : 1955

description of industries (S.I.) (1)	S. I. number (2)	number of under- takings (3)	percen- tage to total (4)
1. aircraft	01	2	0.07
2. arms and ammunition	02	13	0.45
3. iron and steel	04	194	6.74
4. mathematical instruments	05	9	0.31
5. scientific instruments	5a	9	0.31
6. motor, kerosene and synthetic oil	06	1	0.04
7. ship and other vessels	07	14	0.49
8. sugar	08	139	4.83
9. telephone and telegraph apparatus	09	10	0.35
10. textile : cotton	10a	512	17.79
11. textile : jute	10b	85	2.95
12. textile : woolen	10c	67	2.33
13. textile : silk	10d	21	0.73
14. textile : artificial silk	10e	146	5.07
15. textile : staple fibres	10f	57	1.98
16. automobiles	11	26	0.90
17. tractors	11a	2	0.07
18. cement	12	25	0.87
19. electric lamps	13	7	0.24
20. electric fans	13a	28	0.97
21. electric motors	14	17	0.59
22. heavy chemicals including fertiliser	15	84	2.92
23. machinery, boilers and steam equipments	16	125	4.34
24. ball, roller and tapered bearings	16a	1	0.04
25. locomotives	17	2	0.07
26. rolling stock	17a	21	0.73
27. machine tools	18	34	1.18
28. machinery and equipment for generation and transmission and distribution of electric energy	19	41	1.43
29. non-ferrous metals including alloys	20	49	1.70
30. paper including newsprint	21	42	1.46

Sample Survey of Manufacturing Industries 1955 (1)

TABLE (1.2) (Contd) : DISTRIBUTION OF UNDERTAKINGS (UNIVERSE)
BY SCHEDULED INDUSTRIES : 1955

description of industries (S.I.) (1)	S.I. number (2)	number of under- takings (3)	percen- tage to total (4)
31. pharmaceutical, and drugs	22	107	3.72
32. power and Industrial alcohol	23	36	1.25
33. rubber goods	24	64	2.22
34. leather and leather goods	25	46	1.60
35. glue and gelatine	26	6	0.21
36. vanaspati	27	55	1.91
37. vegetable oils	27a	219	7.61
38. agricultural implements	28	89	3.09
39. batteries, dry cells, etc.	29	13	0.45
40. bicycles	30	25	0.87
41. hurricane Lanterns	31	13	0.45
42. internal Combustion engine	32	26	0.90
43. power driven pumps	33	33	1.15
44. radio receivers	34	10	0.35
45. sewing machines	35	3	0.10
46. small tools	36	12	0.42
47. hand tools	36a	18	0.63
48. glass and ceramics	37	190	6.60
49. dye-stuffs	38	3	0.10
50. soap	39	58	2.02
51. other toilet requisites	40	23	0.80
52. plywood	41	44	1.53
53. ferro-manganese	42	2	0.07
54. all industries		2878	100.00

TABLE (1.3): DISTRIBUTION OF UNDERTAKINGS (UNIVERSE) BY SCHEDULED INDUSTRIES AND STATE: 1955

state	scheduled industry	air-	arms	iron	math.	scien-	motor,	ships	sugar	tele-	tex-	tex-	tex-	tex-	tex-	auto-		
		craft (01)	and and (04)	inst-	tific	kero-	and (08)	phone, tile:	tile:	tile:	tile:	tile:	tile:	tile:	staple (11)	mo-		
		am-	steel	rum-	instr-	sene,	other	tele-	cotton	jute	woo-	silk	art-	fibres		trac-		
		muni-	(02)	ents	ume-	synth.	vessels	graphs (10a)	(10b)	llen	(10d)	(10e)	(10f)			(11a)		
		tion		(5a)	(05)	nts	(06)	appa-										
							(07)	ra-										
							(09)	tu-										
1. Andhra		-	-	4	1	-	-	1	10	-	14	2	-	-	1	-	2	
2. Assam		-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	
3. Bihar		-	-	9	-	-	-	-	26	-	4	3	1	1	1	-	-	
4. Bombay		-	4	34	1	1	-	5	13	2	225	-	14	12	115	34	9	
5. Delhi		-	-	6	1	-	-	-	-	-	7	-	1	1	1	1	-	
6. Himachal Pradesh		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7. Kerala		-	-	4	-	-	-	2	1	-	20	-	-	-	1	-	-	
8. Madhya Pradesh		-	2	4	-	-	-	-	6	1	17	1	1	-	3	2	-	
9. Madras		1	-	14	1	1	-	-	5	-	94	-	-	-	2	8	2	
10. Mysore		1	-	7	1	-	-	-	4	1	19	-	3	7	8	5	3	
11. Orissa		-	-	3	-	-	-	-	1	-	4	1	-	-	-	-	-	
12. Punjab		-	1	22	-	2	-	-	2	-	23	-	35	-	15	8	-	
13. Rajasthan		-	-	2	-	-	-	-	3	-	11	-	-	-	-	-	-	
14. Uttar Pradesh		1	4	11	3	3	-	-	67	1	20	1	6	-	-	1	-	
15. West Bengal		1	2	73	1	2	-	6	1	5	54	77	6	-	1	3	4	
16. all India			2	13	194	9	9	1	14	139	10	512	85	67	21	146	57	26
																	2	

"—" indicates 'no undertaking'

TABLE (1.3) (Contd.) : DISTRIBUTION OF UNDERTAKINGS (UNIVERSE) BY SCHEDULED INDUSTRIES AND STATES : 1955

*One cement undertaking has not been included in the list of scheduled undertaking for 1955.

*One cement undertaking has no
‘—’ indicates ‘no undertaking’.

TABLE (1.3) (Contd.): DISTRIBUTION OF UNDERTAKINGS (UNIVERSE) BY SCHEDULED INDUSTRIES AND STATES: 1955

scheduled industry	van-	vege-	agri-	batte-	bicy-	hurri-	inter-	power	radio	sew-	small	hand	glass	dye-	soap	other	ply	ferro-	all		
state	as-	table	imples-	ries,	cles	cane	nal	dri-	receiv-	tools	tools	and	stuffs	(39)		toilet	wood	man-	indus-		
	pati-	oil	ments	dry	(30)	lant-	com-	ven	vers	mach-	(36)	(36a)	cera-	(38)		requi-	(41)	ganese	(42)		
			etc.		(29)	erns	bus:	pumps	(34)	ine	(35)		mics	(37)		(40)					
						tion	(33)	engine	(32)												
	(1)		(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)
1. Andhra		5	35	6	-	-	-	-	1	-	-	-	-	5	-	1	-	-	-	109	
2. Assam		-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	14	
3. Bihar		2	12	4	-	1	1	-	-	1	-	-	-	14	-	1	-	-	1	115	
4. Bombay		18	57	13	3	5	1	8	13	4	-	5	5	38	2	16	12	-	1	885	
5. Delhi		2	3	4	1	3	3	1	1	-	-	1	6	1	2	-	-	-	-	66	
6. Himachal Pradesh		-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	
7. Kerala		2	10	3	-	-	-	2	-	-	-	-	-	22	-	4	1	11	-	106	
8. Madhya Pradesh		2	5	3	-	-	1	1	2	-	-	-	1	9	-	5	-	-	-	85	
9. Madras		6	15	4	2	3	-	6	4	-	-	3	5	22	-	5	-	-	-	277	
10. Mysore		1	15	1	2	-	-	1	1	1	-	-	1	9	-	3	-	3	-	130	
11. Orissa		1	2	1	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	20	
12. Punjab		2	4	15	-	1	-	2	-	-	1	-	1	5	-	2	-	-	-	172	
13. Rajasthan		-	3	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	32	
14. Uttar Pradesh		5	38	16	-	6	2	4	-	1	-	-	-	19	-	6	1	-	-	271	
15. West Bengal		9	16	18	5	5	5	1	11	3	2	4	4	37	-	13	9	22	-	594	
16. all India		55	219	89	13	25	13	26	33	10	3	12	18	190	3	58	23	44	2	2878	

'—' indicates 'no undertaking'.

Sample Survey of Manufacturing Industries 1955 (1)

TABLE (2.1): DISTRIBUTION OF UNDERTAKINGS
NOT SURVEYED BY STATES (REORGANISED): 1955

name of states	number of undertakings		per cent not surveyed to total undertakings
	total	not surveyed	
(1)	(2)	(3)	(4)
1. Andhra	109	9	8.26
2. Assam	14	1	7.14
3. Bihar	115	20	17.39
4. Bombay	885	29	3.28
5. Delhi	66	—	—
6. Himachal Prâdes	2	—	—
7. Kerala	102	14	13.73
8. Madhya Pradesh	85	26	30.59
9. Madras	281	14	4.98
10. Mysore	130	22	16.92
11. Orissa	20	1	5.00
12. Punjab	172	4	2.29
13. Rajasthan	32	2	6.25
14. Uttar Pradesh	271	11	4.06
15. West Bengal	594	16	2.69
16. all India	2878	169	5.87

‘—’ indicates that all undertakings have been covered.

National Sample Survey

TABLE (2.2) : DISTRIBUTION OF UNDERTAKINGS NOT SURVEYED BY
SCHEDULED INDUSTRIES : 1955

description of industries (S.I.)	S. I. number	number of undertakings		per cent not sur- veyed to total under- takings
		total	not sur- veyed	
(1)	(2)	(3)	(4)	(5)
1. aircraft	01	2	1	50.00
2. arms and ammunition	02	13	4	30.77
3. iron and steel	04	194	12	6.19
4. mathematical instruments	05	9	—	—
5. scientific instruments	5a	9	—	—
6. motor, kerosene and synthetic oils	06	1	—	—
7. ships and other vessels	07	14	—	—
8. sugar	08	139	14	10.07
9. telephone and telegraph apparatus	09	10	2	20.00
10. textile: cotton	10a	512	31	6.05
11. textile : jute	10b	85	1	1.18
12. textile : woollen	10c	67	5	7.46
13. textile : silk	10d	21	1	4.76
14. textile : artificial silk	10e	146	7	4.79
15. textile : staple fibres	10f	57	5	8.77
16. automobiles	11	26	4	15.38
17. tractors	11a	2	2	100.00
18. cement	12	25	3	12.00
19. electric lamps	13	7	—	—
20. electric fans	13a	28	1	3.57
21. electric motors	14	17	1	5.88
22. heavy chemicals including fertilisers	15	84	9	10.71
23. machinery, boilers and steam equipments	16	125	9	7.20
24. ball, roller and tapered bearings	16a	1	—	—
25. locomotives	17	2	—	—
26. rolling stock	17a	21	2	9.52
27. machine tools	18	34	2	5.88

‘—’ indicates that all undertakings have been covered.

Sample Survey of Manufacturing Industries 1955 (1)

TABLE (2.2) (Contd.) : DISTRIBUTION OF UNDERTAKINGS NOT SURVEYED BY
SCHEDULED INDUSTRIES : 1955

description of industries (S.I.) (1)	S. I. number (2)	number of undertakings		per cent not sur- veyed to total under- takings (5)
		total (3)	not sur- veyed (4)	
28. machinery and equipment for generation, transmission and distribution of electric energy	19	41	—	—
29. nonferrous metal including alloys	20	49	2	4.08
30. paper including newsprint	21	42	3	7.14
31. pharmaceutical and drugs	22	107	3	2.80
32. power and Industrial alcohol	23	36	1	2.78
33. rubber goods	24	64	—	—
34. leather and leather goods	25	46	2	4.35
35. glue and gelatine	26	6	—	—
36. vanaspati	27	55	5	9.09
37. vegetable oils	27a	219	4	1.83
38. agricultural implements	28	89	6	6.74
39. batteries, dry cells, etc.	29	13	2	15.38
40. bicycles	30	25	—	—
41. hurricane lanterns	31	13	—	—
42. internal combustion engine	32	26	3	11.54
43. power-driven pumps	33	33	3	9.09
44. radio receivers	34	10	—	—
45. sewing machine	35	3	—	—
46. small tools	36	12	2	16.67
47. hand tools	36a	18	1	5.56
48. glass and ceramics	37	190	9	4.74
49. dye-stuffs	38	3	—	—
50. soap	39	58	4	6.90
51. other toilet requisites	40	23	1	4.35
52. plywood	41	44	2	4.55
53. ferro-manganese	42	2	—	—
54. all industries		2878	169	5.87

'—' indicates that all undertakings have been covered.

National Sample Survey

TABLE (3.1) : VALUE OF CAPITAL—FIXED, WORKING AND TOTAL INVESTED BY SCHEDULED INDUSTRIES : 1955

description of industries (S.I.)	S.I. number	number of undertakings		(unit : Rs. in lakhs)		
		total	surveyed	fixed capital	working capital	total invested capital
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. aircraft*	01	2	1	—	—	—
2. arms and ammunition	02	13	9	3.1	1.6	1.5
3. iron and steel	04	194	182	2602.0	2828.1	5430.0
4. mathematical instruments	05	9	9	34.6	73.0	107.6
5. scientific instruments	5a	9	9	20.6	22.0	42.7
6. motor, kerosene, synthetic oils	06	1	1	284.7	429.1	713.8
7. ships and other vessels	07	14	14	291.3	923.9	1215.2
8. sugar	08	139	125	2216.7	2590.0	4806.6
9. telephone and telegraph apparatus	09	10	8	165.7	204.7	370.4
10. textile : cotton	10a	512	481	9739.6	12043.5	21783.1
11. textile : jute	10b	85	84	2660.9	2950.6	5611.5
12. textile : woollen	10c	67	62	200.5	347.0	548.3
13. textile : silk	10d	21	20	44.8	21.6	66.3
14. textile : artificial silk	10e	146	139	663.4	483.3	1146.7
15. textile : staple fibres	10f	57	52	319.3	230.7	550.0
16. automobiles	11	26	22	447.1	761.9	1209.0
17. tractors	11a	2	—	—	—	—
18. cement	12	25	22	1993.8	774.5	2768.4
19. electric lamps	13	7	7	123.3	82.4	205.7
20. electric fans	13a	28	27	133.7	180.1	313.8
21. electric motors	14	17	16	82.0	73.5	155.6
22. heavy chemicals including fertilisers	15	84	75	1333.6	771.8	2105.5
23. machinery, boilers and steam equipments	16	125	116	571.0	501.5	1072.5
24. ball, rollers, tapered bearings	16a	1	1	40.7	34.2	74.8
25. locomotives	17	2	2	454.2	393.2	847.5
26. rolling stock	17a	21	19	124.2	464.3	588.4
27. machine tools	18	34	32	29.5	6.9	36.4
28. machinery, equipments for generation and transmission and distribution of elect. energy	19	41	41	391.2	788.9	1180.2
29. non-ferrous metals including alloys	20	49	47	785.6	1385.1	2170.8

*— indicates 'not available' as the undertakings are 'not in operation'.

*In the case of aircraft industry (01), '—' indicates 'could not be obtained'.

Sample Survey of Manufacturing Industries 1955 (1)

TABLE (3.1) (Contd.) : VALUE OF CAPITAL—FIXED, WORKING AND TOTAL INVESTED
BY SCHEDULED INDUSTRIES : 1955

description of industries (S.I.)	S. I. number	number of undertakings		(unit : Rs. in lakhs)		
		total	sur- veyed	fixed capital	working capital	total invested capital
(1)	(2)	(3)	(4)	(5)	(6)	(7)
30. paper including newsprint	21	42	39	1434.4	319.8	1754.2
31. pharmaceuticals and drugs	22	107	104	731.0	712.8	1443.8
32. power and industrial alcohol	23	36	35	144.4	101.1	245.6
33. rubber goods	24	64	64	433.2	819.2	1252.4
34. leather and leather goods	25	46	44	121.7	415.0	536.7
35. glue and gelatine	26	6	6	5.0	8.1	13.1
36. vanaspati	27	55	50	665.1	563.2	1228.3
37. vegetable oils	27a	219	215	526.0	438.6	964.6
38. agricultural implements	28	89	83	66.4	81.4	147.7
39. batteries, dry cells, etc.	29	13	11	135.1	148.7	283.8
40. bicycles	30	25	25	230.8	137.8	368.7
41. hurricane lanterns	31	13	13	49.7	10.7	60.3
42. internal combustion engine	32	26	23	117.9	87.9	205.8
43. power-driven pumps	33	33	30	35.8	59.3	95.0
44. radio receivers	34	10	10	82.1	54.0	136.1
45. sewing machines	35	3	3	57.5	24.1	81.7
46. small tools	36	12	10	19.5	12.0	31.5
47. hand tools	36a	18	17	13.2	3.7	16.9
48. glass and ceramics	37	190	181	889.9	320.8	1210.6
49. dyestuffs	38	3	3	152.0	25.0	177.0
50. soap	39	58	54	281.0	348.3	629.3
51. other toilet requisites	40	23	22	29.3	91.3	120.6
52. plywood	41	44	42	130.6	86.1	216.7
53. ferro-manganese	42	2	2	18.6	3.4	21.9
54. all industries		2878	2709	32127.3	34237.3	66364.6

National Sample Survey

TABLE (3.2) : AGGREGATES OF EMPLOYEES PER WORKING DAY BY
SCHEDULED INDUSTRIES : 1955

description of industries (S. I.)	S. I. number	number of undertakings		direct	other	total employ- ees (ac- tual number)	man- hours worked (in lakhs)
		total	sur- veyed	and contract workers (actual number)	than workers (actual number)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. aircraft*	01	2	1	—	—	—	—
2. arms and ammunition	02	13	9	77	25	102	1.9
3. iron and steel	04	194	182	74343	16076	90419	1728.3
4. mathematical instruments	05	9	9	1562	543	2105	37.5
5. scientific instruments	05a	9	9	389	50	439	10.7
6. motor, kerosene, synthetic oils	06	1	1	8246	2016	10262	192.6
7. ships and other vessels	07	14	14	10462	1810	12272	229.0
8. sugar	08	139	125	88191	21586	109777	1393.1
9. telephone and telegraph apparatus	09	10	8	3779	807	4581	82.2
10. textile : cotton	10a	512	481	688133	57453	745586	16449.0
11. textile : jute	10b	85	84	202734	13847	216581	4802.9
12. textiles : woollen	10c	67	62	9962	1295	11257	238.8
13. textile : silk	10d	21	20	1208	162	1370	29.2
14. textile : artificial silk	10e	146	139	22395	2229	24624	543.6
15. textile : staple fibres	10f	57	52	1389	294	1683	33.3
16. automobiles	11	26	22	6400	1747	8147	151.9
17. tractors	11a	2	—	—	—	—	—
18. cement	12	25	22	12592	3873	16465	303.2
19. electric lamps	13	7	7	1608	480	2088	36.5
20. electric fans	13a	28	27	4157	962	5119	93.4
21. electric motors	14	17	16	1980	594	2574	45.6
22. heavy chemicals including fertilisers	15	84	75	12612	3331	15943	322.5
23. machinery boilers and steam equipments	16	125	116	18538	1556	20094	366.5
24. ball, roller and tapered bearings	16a	1	1	585	154	739	14.2
25. locomotives	17	2	2	3476	898	4374	81.1
26. rolling stock	17a	21	19	12478	1962	14440	267.9

*— indicates 'not available' as the undertakings are 'not in operation'.

*In the case of aircraft industry (01), — indicates 'could not be obtained'.

Sample Survey of Manufacturing Industries 1955 (1)

TABLE (3.2) (Contd.) : AGGREGATES OF EMPLOYEES PER WORKING DAY BY SCHEDULED INDUSTRIES : 1955

description of industries (S. I.)	S. I. number	number of undertakings		direct and contract workers	other than contract workers (actual number)	total employees (actual number)	man- hours worked (in lakhs)
		total	sur- veyed	workers	ees	employ- ees (actual number)	hours worked (in lakhs)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
27. machine tools	18	34	32	7043	1033	8076	23.3
28. machinery and equipment for generation and transmission and distribution of electric energy	19	41	41	7079	1623	8702	166.6
29. non-ferrous metal alloys	20	49	47	12454	2857	15311	278.0
30. paper including newsprint	21	42	39	17592	3659	21251	411.2
31. pharmaceuticals and drugs	22	107	104	14443	1386	15829	323.9
32. power and industrial alcohol	23	36	35	2528	828	3356	60.2
33. rubber goods	24	64	64	18098	3611	21709	495.5
34. leather and leather goods	25	46	44	9311	1782	11093	199.6
35. glue and gelatine	26	6	6	242	36	278	5.3
36. vanaspati	27	55	50	6002	4436	10438	128.5
37. vegetable oils	27a	219	215	13197	2553	15750	261.8
38. agricultural implements	28	89	83	3010	633	3643	69.1
39. batteries, dry cells, etc.	29	13	11	3090	736	3826	70.9
40. bicycles	30	25	25	4752	1260	6012	111.1
41. hurricane lanterns	31	13	13	2500	313	2813	57.8
42. internal combustion engine	32	26	23	2243	394	2637	50.8
43. power-driven pumps	33	33	30	785	241	1026	19.2
44. radio receivers	34	10	10	769	275	1044	18.0
45. sewing machines	35	3	3	1767	255	2022	41.0
46. small tools	36	12	10	592	96	688	10.9
47. hand tools	36a	18	17	494	61	555	8.7
48. glass and ceramics	37	190	181	46725	2691	49416	1018.4
49. dyestuffs	38	3	3	665	141	806	15.5
50. soap	39	58	54	4699	1055	5754	109.6
51. other toilet requisites	40	23	22	698	188	886	12.2
52. plywood	41	44	42	4613	831	5444	106.8
53. ferro-manganese	42	2	2	266	21	287	2.1
54. all industries		2878	2709	1373008	166819	1539827	31530.9

National Sample Survey

TABLE (3.3) : EMOLUMENTS OF EMPLOYEES BY SCHEDULED INDUSTRIES : 1955

description of industries (S.I.)	S. I. number	number of undertakings		total emoluments drawn by (Rs. in lakhs)		
		total	surveyed	workers (direct and than contract)	other workers	total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. aircraft*	01	2	1	—	—	—
2. arms and ammunition	02	13	9	0.3	0.3	0.6
3. iron and steel	04	194	182	1263.1	472.0	1735.1
4. mathematical instruments	05	9	9	17.8	10.3	28.1
5. scientific instruments	05a	9	9	3.1	1.3	4.4
6. motor, kerosene, synthetic oils	06	1	1	150.3	92.5	242.8
7. ships and other vessels	07	14	14	152.7	69.8	222.5
8. sugar	08	139	125	630.9	305.3	936.2
9. telephone and telegraph apparatus	09	10	8	54.5	16.3	70.8
10. textile : cotton	10a	512	481	8473.3	1527.3	10000.6
11. textile : jute	10b	85	84	1997.1	332.4	2329.5
12. textile : woollen	10c	67	62	103.5	32.4	135.9
13. textile : silk	10d	21	20	9.1	1.8	10.9
14. textile : artificial silk	10e	146	139	286.0	52.6	338.6
15. textile : staple fibres	10f	57	52	15.7	4.3	20.0
16. automobiles	11	26	22	115.6	65.1	180.7
17. tractors	11a	2	—	—	—	—
18. cement	12	25	22	158.1	83.2	241.3
19. electric lamps	13	7	7	19.2	14.5	33.7
20. electric fans	13a	28	27	59.5	25.0	84.5
21. electric motors	14	17	16	20.6	12.9	33.5
22. heavy chemicals including fertilisers	15	84	75	157.8	92.7	250.5
23. machinery, boilers and steam equipments	16	125	116	205.3	86.6	291.9
24. ball, rollers, tapered bearings	16a	1	1	5.4	4.5	9.9
25. locomotives	17	2	2	52.3	41.3	93.6
26. rolling stock	17a	21	19	175.1	80.3	255.4

'—' indicates 'not available' as the undertakings are 'not in operation'.

*In the case of aircraft industry (01), '—' indicates 'could not be obtained'.

Sample Survey of Manufacturing Industries 1955 (1)

TABLE (3.3) (*Contd.*) : EMOLUMENTS OF EMPLOYEES BY SCHEDULED INDUSTRIES : 1955

description of industries (S.I.)	S. I. number	number of undertakings		total emoluments drawn by (Rs. in lakhs)		
		total	surveyed	workers	other (direct and than contract)	total
				(5)	(6)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
27. machine tools	18	34	32	12.1	3.1	15.2
28. machinery and equipment for generation and transmission and distribution of electric energy	19	41	41	86.7	42.4	129.1
29. non-ferrous metal including alloys	20	49	47	165.7	82.1	247.8
30. paper including newsprint	21	42	39	186.3	97.8	284.1
31. pharmaceuticals and drugs	22	107	104	174.1	48.8	222.9
32. power and industrial alcohol	23	36	35	26.1	18.1	44.2
33. rubber goods	24	64	64	235.6	155.6	391.2
34. leather and leather goods	25	46	44	99.0	67.4	166.4
35. glue and gelatine	26	6	6	3.3	1.3	4.6
36. vanaspati	27	55	50	77.7	51.4	129.1
37. vegetable oils	27a	219	215	94.7	43.8	138.5
38. agricultural implements	28	89	83	34.7	8.6	43.3
39. batteries, dry cells, etc.	29	13	11	44.1	29.7	73.8
40. bicycles	30	25	25	66.9	29.5	96.4
41. hurricane lanterns	31	13	13	23.4	7.1	30.5
42. internal combustion engine	32	26	23	22.3	10.7	33.0
43. power-driven pumps	33	33	30	8.6	4.1	12.7
44. radio receivers	34	10	10	9.3	7.8	17.1
45. sewing machines	35	3	3	34.5	10.0	44.5
46. small tools	36	12	10	5.3	2.2	7.5
47. hand tools	36a	18	17	2.8	0.7	3.5
48. glass and ceramics	37	190	181	430.9	18.9	449.8
49. dye-stuffs	38	3	3	6.1	3.3	9.4
50. soap	39	58	54	76.0	36.3	112.3
51. other toilet requisites	40	23	22	9.6	8.7	18.3
52. plywood	41	44	42	31.1	13.2	44.3
53. ferro-manganese	42	2	2	1.5	0.9	2.4
54. all industries		2878	2709	16094.7	4228.2	20322.9

TABLE (3.4) : VALUE OF INPUT AND OUTPUT BY SCHEDULED INDUSTRIES : 1955

description of industries (S. I.)	S. I. number	number of undertakings		input (Rs. in lakhs)			output (Rs. in lakhs)			value added (Rs. in lakhs)
		total	surveyed	raw materials and fuels	services	total	products	services	total	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1. aircraft*	01	2	1	—	—	—	—	—	—	2.0
2. arms and ammunition	02	13	9	1.4	—	1.4	3.4	—	3.4	3682.0
3. iron and steel	04	194	182	4733.0	520.9	5253.9	8704.6	231.3	8935.9	31.9
4. mathematical instrument	05	9	9	16.4	3.6	20.0	49.6	2.3	51.9	7.2
5. scientific instruments	5a	9	9	6.1	1.0	7.1	14.1	0.2	14.3	392.4
6. motor, kerosene and synthetic oils	06	1	1	417.3	81.6	498.9	891.2	0.1	891.3	307.7
7. ships and other vessels	07	14	14	254.6	63.5	318.1	445.5	180.3	625.8	3123.5
8. sugar	08	139	125	7670.8	854.2	8525.0	11116.6	531.9	11648.5	129.3
9. telephone, telegraph apparatus	09	10	8	122.2	2.0	124.2	219.9	33.6	253.5	15791.3
10. textile : cotton	10a	12	481	26695.4	1781.2	28476.6	44119.1	148.8	44267.9	3024.5
11. textile : jute	10b	85	84	7586.1	337.0	7923.1	10947.6	—	10947.6	173.3
12. textile : woollen	10c	67	62	813.4	35.6	849.0	1021.9	0.4	1022.3	15.4
13. textile : silk	10d	21	20	36.5	1.9	38.4	50.9	2.9	53.8	705.5
14. textile : artificial silk	10e	146	139	1262.7	202.8	1465.5	2136.3	34.7	2171.0	26.1
15. textile : staple fibres	10f	57	52	54.5	6.7	61.2	85.0	2.3	87.3	456.3
16. automobiles	11	26	22	2250.9	57.3	2308.2	2753.5	11.0	2764.5	—
17. tractors	11a	2	—	—	—	—	—	—	—	—
18. cement	12	25	22	1189.8	131.5	1321.3	2470.5	1.0	2471.5	1105.2
19. electric lamps	13	7	7	80.3	6.8	87.1	81.0	1.0	182.0	94.9
20. electric fans	13a	28	27	210.4	17.5	227.9	408.2	0.4	408.6	180.7
21. electric motors	14	17	16	85.3	7.0	92.3	153.8	2.0	155.8	63.5
22. heavy chemicals including fertilisers	15	84	75	1091.7	122.7	1214.4	1889.5	7.0	1896.5	682.1
23. machinery, boilers and steam equipments	16	125	116	518.4	15.8	534.2	949.2	51.4	1000.6	466.4
24. ball, rollers, tapered bearings	16a	1	1	35.6	3.1	38.7	42.9	0.1	43.0	4.3
25. locomotives	17	2	2	222.9	40.3	263.2	365.1	—	365.1	101.9

*— indicates 'not available' as the undertakings are 'not in operation.'

*In the case of aircraft industry (01), — indicates 'could not be obtained'.

TABLE (3.4) (Contd.): VALUE OF INPUT AND OUTPUT BY SCHEDULED INDUSTRIES : 1955

description of industries (S.I.)	S. I. number	number of undertakings		input (Rs. in lakhs)			output (Rs. in lakhs)			value added (Rs. in lakhs)
		total	surveyed	raw materials and fuels	services	total	products	services	total	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
26. rolling stock	17a	21	19	1151.6	45.2	1196.8	1596.7	—	1596.7	399.9
27. machine tools	18	34	32	13.0	2.4	15.4	30.0	10.1	40.1	24.7
28. machinery and equipment for generation and transmission and distribution of electric energy	19	41	41	1213.9	64.8	1278.7	1855.2	10.8	1866.0	587.3
29. non-ferrous metal including alloys	20	49	47	1950.6	85.9	2036.5	2543.5	35.8	2579.3	542.8
30. paper including newsprint	21	42	39	975.0	85.0	1060.0	1655.3	—	1655.3	595.3
31. pharmaceuticals and drugs	22	107	104	1212.8	101.5	1314.3	2207.2	32.8	2240.0	925.7
32. power and industrial alcohol	23	36	35	105.0	15.1	120.1	261.3	0.2	261.5	141.4
33. rubber goods	24	64	64	2046.5	87.4	2133.9	3283.1	7.6	3290.7	1156.8
34. leather and leather goods	25	46	44	661.7	43.1	704.8	976.0	12.4	988.4	283.6
35. glue and gelatine	26	6	6	9.7	2.2	11.9	18.8	—	18.8	6.9
36. vanaspati	27	55	50	3256.7	63.3	3320.0	3810.3	7.1	3817.4	497.4
37. vegetable oils	27a	219	215	4155.1	73.0	4228.1	4657.4	7.3	4664.7	436.6
38. agricultural implements	28	89	83	104.0	6.3	110.3	198.4	1.7	200.1	89.8
39. batteries, dry cells, etc.	29	13	11	307.1	27.9	335.0	457.5	—	457.5	122.5
40. bicycles	30	25	25	328.0	26.9	354.9	626.7	1.6	628.3	273.4
41. hurricane lanterns	31	13	13	71.6	5.4	77.0	122.2	0.3	122.5	45.5
42. internal combustion engine	32	26	23	68.5	8.4	76.9	142.1	—	142.1	65.2
43. power-driven pump	33	33	30	31.9	4.1	36.0	65.2	0.4	65.6	26.6
44. radio receivers	34	10	10	88.4	15.2	103.6	141.8	—	141.8	38.2
45. sewing machines	35	3	3	65.0	5.6	70.6	138.8	0.1	138.9	68.3
46. small tools	36	12	10	17.3	1.5	18.8	32.0	0.4	32.4	13.6
47. hand tools	36a	18	17	4.7	0.6	5.3	11.1	—	11.1	5.8
48. glass and ceramics	37	190	181	667.9	78.7	746.6	1441.3	6.1	1447.4	700.8
49. dye-stuffs	38	3	3	107.9	7.9	115.8	155.0	—	155.0	39.2
50. soap	39	58	54	1079.3	44.0	1123.3	1656.8	1.2	1658.0	534.7
51. other toilet requisites	40	23	22	146.7	5.8	152.5	273.4	7.3	280.7	128.2
52. plywood	41	44	42	228.4	20.1	248.5	389.2	0.3	389.5	141.0
53. ferro-manganese	42	2	2	24.0	0.6	24.6	65.8	—	65.8	41.2
54. all industries		2878	2709	75448.0	5221.9	80669.9	117831.5	1386.2	119217.7	38547.8

'—' indicates 'not available' as the undertakings are 'not in operation'.

National Sample Survey

TABLE : (4.1) : VALUE OF CAPITAL—FIXED, WORKING AND INVESTED BY STATES (RE-ORGANISED) : 1955

states	number of undertakings		fixed capital (Rs. in lakhs)	working capital (Rs. in lakhs)	total invested capital (Rs. in lakhs)
	total	surveyed			
(1)	(2)	(3)	(4)	(5)	(6)
1. Andhra	109	100	1460.7	928.8	2389.5
2. Assam	14	13	367.4	481.3	848.7
3. Bihar	115	95	3186.9	3050.8	6237.7
4. Bombay	885	856	10067.2	12694.5	22761.7
5. Delhi	66	66	238.5	448.1	686.6
6. Himachal Pradesh	2	2	—	—	—
7. Kerala	106	88	1456.1	487.0	1943.1
8. Madhya Pradesh	85	59	695.0	641.0	1336.0
9. Madras	277	267	2707.7	2390.6	5098.3
10. Mysore	130	108	1260.2	1063.5	2323.7
11. Orissa	20	19	357.5	90.6	448.1
12. Punjab	172	168	430.0	435.2	865.2
13. Rajasthan	32	30	451.2	612.2	1063.4
14. Uttar Pradesh	271	260	2351.3	2929.2	5280.5
15. West Bengal	594	578	7098.1	7984.5	15082.6
16. all India	2878	2709	32127.8	34237.3	66365.1

Sample Survey of Manufacturing Industries 1955 (1)

TABLE (4.2) : AGGREGATES OF EMPLOYEES PER WORKING DAY BY STATES (RE-ORGANISED) : 1955

states	number of undertakings		direct and contract workers (actual number)	other than worker (actual number)	total employees (actual number)	man-hours worked (in lakhs)
	total	surveyed				
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. Andhra	109	100	29481	5171	34652	654.0
2. Assam	14	13	9967	2344	12311	230.5
3. Bihar	115	95	67737	17272	85009	1545.4
4. Bombay	885	856	519520	52018	571538	12364.4
5. Delhi	66	66	16325	4724	21049	391.1
6. Himachal Pradesh	2	2	—	—	—	—
7. Kerala	106	88	20559	3531	24090	495.7
8. Madhya Pradesh	85	59	43829	5734	49563	1027.4
9. Madras	277	267	102766	9385	112151	2380.8
10. Mysore	130	108	40124	3416	43540	828.9
11. Orissa	20	19	7009	1054	8063	135.6
12. Punjab	172	168	20626	3457	24083	348.3
13. Rajasthan	32	30	15620	2294	17914	378.8
14. Uttar Pradesh	271	260	125446	17470	142916	2475.5
15. West Bengal	594	578	353999	38949	392948	8274.5
16. all India	2878	2709	1373008	166819	1539827	31530.9

‘—’ indicates ‘not available’ as the undertakings are ‘not in operation’.

National Sample Survey

TABLE (4.3) : EMOLUMENTS OF EMPLOYEES BY STATES (RE-ORGANISED) : 1955

states	number of undertakings		total emoluments drawn by (Rs. in lakhs)		
	total	surveyed	workers (direct and contract)	other than workers	total
(1)	(2)	(3)	(4)	(5)	(6)
1. Andhra	109	100	241.0	112.0	353.0
2. Assam	14	13	163.7	99.0	262.7
3. Bihar	115	95	1151.7	443.5	1595.2
4. Bombay	885	856	7044.6	1542.5	8587.1
5. Delhi	66	66	227.6	70.5	298.1
6. Himachal Pradesh	2	2	—	—	—
7. Kerala	106	88	186.9	70.5	257.4
8. Madhya Pradesh	85	59	445.4	105.7	551.1
9. Madras	277	267	1003.8	216.9	1220.7
10. Mysore	130	108	288.4	87.9	376.3
11. Orissa	20	19	57.0	16.0	73.0
12. Punjab	172	168	148.5	47.5	196.0
13. Rajasthan	32	30	132.1	36.1	168.2
14. Uttar Pradesh	271	260	1100.1	311.9	1412.0
15. West Bengal	594	578	3903.9	1068.2	4972.1
16. all India	2878	2709	16094.7	4228.2	20322.9

Sample Survey of Manufacturing Industries 1955 (1)

TABLE (4.4) : VALUE OF INPUT AND OUTPUT BY STATES (RE-ORGANISED) : 1955

states	number of under-takings		input (Rs. in lakhs)			output (Rs. in lakhs)		
	total	surveyed	raw materials and fuels	services	total	products	services	total
			(4)	(5)	(6)	(7)	(8)	(9)
(1)	(2)	(3)						
1. Andhra	109	100	1894.4	177.2	2071.6	2958.4	1.20	2970.4
2. Assam	14	13	578.8	95.4	674.2	1125.8	—	1125.8
3. Bihar	115	95	5306.0	637.1	5943.1	9464.6	34.7	9499.3
4. Bombay	885	856	27927.9	2022.9	29950.8	45304.3	349.1	45653.4
5. Delhi	66	66	1276.0	42.2	1318.2	1878.6	0.3	1878.9
6. Himachal Pradesh	2	2	—	—	—	—	—	—
7. Kerala	106	88	1267.3	95.1	1362.4	1884.3	8.7	1893.0
8. Madhya Pradesh	85	59	1382.9	113.7	1496.6	2180.9	2.7	2183.6
9. Madras	277	267	5511.8	246.3	5758.1	8344.9	90.1	8435.0
10. Mysore	130	108	1583.4	309.6	1893.0	2685.4	7.1	2692.5
11. Orissa	20	19	316.1	20.6	336.7	535.9	0.2	536.1
12. Punjab	172	168	895.8	58.8	954.6	1397.8	—	1397.8
13. Rajasthan	32	30	734.2	43.1	777.3	1117.0	7.2	1124.2
14. Uttar Pradesh	271	260	8212.1	596.0	8808.1	11766.4	506.1	12272.5
15. West Bengal	594	578	18359.0	966.2	19325.2	27187.5	367.7	27555.2
16. all India	2878	2709	75245.7	5424.2	80669.9	117831.8	1385.9	119217.7

'—' indicates 'not available' as the undertakings are 'not in operation'.

National Sample Survey

TABLE (5.1) : AGGREGATES OF SELECTED ITEMS FOR AIRCRAFT
INDUSTRY (01) BY STATE : 1955

states	number of under-	total in-	total	payment	total	total	
	allotted	takeings	vested capital (Rs. in 000)	employ-ees (number)	to total employ-ees (Rs. 000)	input in 000)	output (Rs. in 000)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—	—
4. Bombay	—	—	—	—	—	—	—
5. Orissa	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—
7. Madhya Pradesh	—	—	—	—	—	—	—
8. Madras	1	—	—	—	—	—	—
9. Uttar Pradesh	—	—	—	—	—	—	—
10. West Bengal	—	—	—	—	—	—	—
11. Kerala	—	—	—	—	—	—	—
12. Mysore*	1	1	—	—	—	—	—
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	2	1	—	—	—	—	—

*In the case of Mysore state, "—" indicates "could not be obtained".

TABLE (5.2) : AGGREGATES OF SELECTED ITEMS FOR ARMS AND
AMMUNITION INDUSTRY (02) BY STATES : 1955

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—	—
4. Bombay	4	2	145	102	62	144	337
5. Orissa	—	—	—	—	—	—	—
6. Punjab	1	1	—	—	—	—	—
7. Madhya Pradesh	2	—	—	—	—	—	—
8. Madras	—	—	—	—	—	—	—
9. Uttar Pradesh	4	4	—	—	—	—	—
10. West Bengal	2	2	—	—	—	—	—
11. Kerala	—	—	—	—	—	—	—
12. Mysore	—	—	—	—	—	—	—
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	13	9	145	102	62	144	337

"—" indicates "could not be obtained".

Sample Survey of Manufacturing Industries 1955 (1)

TABLE (5.3) : AGGREGATES OF SELECTED ITEMS FOR IRON AND STEEL INDUSTRY (04) BY STATE : 1955

states	number of under-takings		total invested capital (Rs. in 000)	total employ-ees (number)	payment to total employ-ees (Rs. in 000)	total in-put (Rs. in 000)	total output (Rs. in 000)
	allotted	surveyed					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra		4	2	—	—	—	—
2. Assam		1	—	—	—	—	—
3. Bihar		9	8	320007	39232	105988	246106
4. Bombay		34	32	46447	9015	17030	54941
5. Orissa		3	3	10013	724	638	8937
6. Punjab		22	22	5450	1528	1591	9987
7. Madhya Pradesh		4	3	521	184	172	975
8. Madras		14	14	9272	2000	2590	13866
9. Uttar Pradesh		11	11	8184	2687	2779	19464
10. West Bengal		73	70	95765	24121	35326	140345
11. Kerala		4	4	2014	518	788	5766
12. Mysore		7	5	42006	9552	5744	20874
13. Rajasthan		2	2	1624	424	337	1061
14. Delhi		6	6	1703	434	523	3070
15. Himachal Pradesh		—	—	—	—	—	—
16. Manipur		—	—	—	—	—	—
17. Tripura		—	—	—	—	—	—
18. total		194	182	543006	90419	173506	525392
							893593

TABLE (5.4) : AGGREGATES OF SELECTED ITEMS FOR MATHEMATICAL INSTRUMENTS INDUSTRY (05) BY STATE : 1955

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	1	1	1278	354	317	215	728
2. Assam	—	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—	—
4. Bombay	1	1	—	—	—	—	—
5. Orissa	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—
7. Madhya Pradesh	—	—	—	—	—	—	—
8. Madras	1	1	654	159	107	133	318
9. Uttar Pradesh	3	3	230	434	320	796	1715
10. West Bengal	1	1	8041	979	1886	367	1564
11. Kerala	—	—	—	—	—	—	—
12. Mysore	1	1	490	52	34	22	71
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	1	1	66	127	144	460	810
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total		9	9	10759	2105	2808	1993
							5206

“—” indicates “not available” as the undertakings are “not in operation”.

National Sample Survey

TABLE (5.5) : AGGREGATES OF SELECTED ITEMS FOR SCIENTIFIC INSTRUMENTS INDUSTRY (5a) BY STATE : 1955

states	number of under-takings		total invested capital (Rs. in 000)	total employ-ees (number)	payment to total employ-ees (Rs. in 000)	total input (Rs. in 000)	total output (Rs. in 000)
	allotted	surveyed					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—	—
4. Bombay	1	1	500	10	20	10	45
5. Orissa	—	—	—	—	—	—	—
6. Punjab	2	2	661	162	156	151	379
7. Madhya Pradesh	—	—	—	—	—	—	—
8. Madras	1	1	236	83	67	76	131
9. Uttar Pradesh	3	3	2709	269	165	428	781
10. West Bengal	2	2	164	49	31	45	77
11. Kerala	—	—	—	—	—	—	—
12. Mysore	—	—	—	—	—	—	—
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	9	9	4270	573	439	710	1413

TABLE (5.6) : AGGREGATES OF SELECTED ITEMS FOR MOTOR AND AVIATION FUEL, KEROSENE AND CRUDE OIL, AND SYNTHETIC OILS INDUSTRY (06) BY STATE : 1955

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	—	—	—	—	—	—	—
2. Assam	1	1	71375	10262	24278	49887	89122
3. Bihar	—	—	—	—	—	—	—
4. Bombay	—	—	—	—	—	—	—
5. Orissa	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—
7. Madhya Pradesh	—	—	—	—	—	—	—
8. Madras	—	—	—	—	—	—	—
9. Uttar Pradesh	—	—	—	—	—	—	—
10. West Bengal	—	—	—	—	—	—	—
11. Kerala	—	—	—	—	—	—	—
12. Mysore	—	—	—	—	—	—	—
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	1	1	71375	10262	24278	49887	89122

Sample Survey of Manufacturing Industries 1955 (1)

TABLE (5.7) : AGGREGATES OF SELECTED ITEMS FOR SHIPS AND
OTHER VESSELS INDUSTRY (07) BY STATE : 1955

states	number of under-	total	total	payment	total	total	
	allotted takings	invested capital	employ-ees	to total employ-ees	input (Rs. in 000)	output (Rs. in 000)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	1	1	83640	4266	5925	16823	25863
2. Assam	—	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—	—
4. Bombay	5	5	2346	470	1120	2058	4704
5. Orissa	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—
7. Madhya Pradesh	—	—	—	—	—	—	—
8. Madras	—	—	—	—	—	—	—
9. Uttar Pradesh	—	—	—	—	—	—	—
10. West Bengal	6	6	33916	7173	14796	12583	31042
11. Kerala	2	2	1616	363	403	346	974
12. Mysore	—	—	—	—	—	—	—
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	14	14	121518	12272	22244	31810	62583

TABLE (5.8) : AGGREGATES OF SELECTED ITEMS FOR SUGAR
INDUSTRY (08) BY STATE : 1955

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	10	10	30398	6817	4773	57302	88969
2. Assam	—	—	—	—	—	—	—
3. Bihar	26	19	70006	19248	14983	140056	167312
4. Bombay	13	13	97642	9464	8660	100238	144771
5. Orissa	1	1	3444	290	293	2137	2697
6. Punjab	2	2	5749	696	854	5128	6537
7. Madhya Pradesh	6	4	13784	2971	1774	15092	22844
8. Madras	5	3	5482	1186	984	11108	14096
9. Uttar Pradesh	67	64	211640	63445	55422	472373	656126
10. West Bengal	1	1	8554	564	621	9341	11423
11. Kerala	1	1	4483	453	523	4225	5068
12. Mysore	4	4	24091	3280	3983	29010	35167
13. Rajasthan	3	3	5379	1363	757	6486	9837
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	139	125	480652	109777	93627	852496	1164847

National Sample Survey

TABLE (5.9) : AGGREGATES OF SELECTED ITEMS FOR TELEPHONES, TELEGRAPH APPARATUS AND WIRELESS COMMUNICATION APPARATUS INDUSTRY (09) BY STATE : 1955

states	number of under-takings		total invested capital (Rs. in 000)	total employ-ees (number)	payment to total employ-ees (Rs. in 000)	total in-put (Rs. in 000)	total output (Rs. in 000)
	allotted	surveyed					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—	—
4. Bombay	2	1	12529	1654	2441	4547	7463
5. Orissa	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—
7. Madhya Pradesh	1	—	—	—	—	—	—
8. Madras	—	—	—	—	—	—	—
9. Uttar Pradesh	1	1	—	—	—	—	—
10. West Bengal	5	5	24513	2927	4639	7874	17893
11. Kerala	—	—	—	—	—	—	—
12. Mysore	1	1	—	—	—	—	—
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	10	8	37042	4581	7080	12421	25356

TABLE (5.10) : AGGREGATES OF SELECTED ITEMS FOR TEXTILES : MADE WHOLLY OR IN PART OF COTTON YARN, HOSIERY AND ROPE INDUSTRY (10a)
BY STATE : 1955

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	14	11	40044	12391	11840	36411	53015
2. Assam	—	—	—	—	—	—	—
3. Bihar	4	2	6558	1424	612	2077	3315
4. Bombay	225	217	1277692	452057	678499	1887329	2963797
5. Orissa	4	4	8297	4536	4661	14621	23868
6. Punjab	23	22	10987	3349	4244	14441	23268
7. Madhya Pradesh	17	15	80713	38909	46026	8519	12754
8. Madras	94	92	307951	92075	100107	405170	599763
9. Uttar Pradesh	20	20	125606	47867	53806	159852	244306
10. West Bengal	54	52	103572	39332	40011	134341	207891
11. Kerala	20	14	26562	8836	8077	36196	51385
12. Mysore	19	15	95335	20294	19066	65634	105042
13. Rajasthan	11	10	56751	11259	10118	32525	43367
14. Delhi	7	7	38237	13257	22993	50546	95021
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	512	481	2178305	745586	1000060	2847662	4426792

"—" indicates "not available" as the undertakings are "not in operation"

Sample Survey of Manufacturing Industries 1955 (1)

TABLE (5.11) : AGGREGATES OF SELECTED ITEMS FOR TEXTILES : MADE WHOLLY
OR IN PART OF JUTE, INCLUDING JUTE YARN, TWINE AND ROPE
INDUSTRY (10b) BY STATE : 1955

states	number of under- takings		total in- vested capital (Rs. in 000)	total employ- ees (number)	payment to total employ- ees (Rs. in 000)	total in- put (Rs. in 000)	total output (Rs. in 000)
	allotted	surveyed					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	2	1	1139	1431	967	2841	5172
2. Assam	—	3	1670	1270	1083	6302	7401
3. Bihar	—	—	—	—	—	—	—
4. Bombay	—	—	—	—	—	—	—
5. Orissa	1	1	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—
7. Madhya Pradesh	1	1	8418	853	821	2203	3711
8. Madras	—	—	—	—	—	—	—
9. Uttar Pradesh	1	1	1547	1305	958	2723	3793
10. West Bengal	77	77	548376	211722	229118	778238	1074692
11. Kerala	—	—	—	—	—	—	—
12. Mysore	—	—	—	—	—	—	—
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	85	84	561150	216581	232947	792307	1094769

TABLE (5.12) : AGGREGATES OF SELECTED ITEMS FOR TEXTILES : MADE OF WOOL,
INCLUDING WOOLLEN YARN, HOSIERY, CARPETS AND DRUGGETS
INDUSTRY (10c) BY STATE : 1955

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	213	408
3. Bihar	1	1	781	344	NA	—	—
4. Bombay	14	13	16115	4002	5330	33798	38952
5. Orissa	—	—	—	—	—	—	—
6. Punjab	35	34	14256	2713	3018	21874	26263
7. Madhya Pradesh	1	—	—	—	—	—	—
8. Madras	—	—	—	—	—	—	—
9. Uttar Pradesh	6	5	21570	3231	4103	17634	23450
10. West Bengal	6	6	2107	967	1144	11387	13155
11. Kerala	—	—	—	—	—	—	—
12. Mysore	3	2	—	—	—	—	—
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	1	1	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	67	62	54829	11257	13595	84906	102228

“—” indicates “not available” as the undertakings are “not in operation”.

National Sample Survey

TABLE (5.13) : AGGREGATES OF SELECTED ITEMS FOR TEXTILES:
MADE OF SILK INDUSTRY (10c) BY STATE : 1955

states	number of under- takings		total in- vested capital (Rs. in 000)	total employ- ees (number)	payment to total employ- ees (Rs. in 000)	total input (Rs. in 000)	total output (Rs. in 000)
	allotted	surveyed					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	1	1	271	32	20	171	237
4. Bombay	12	12	1514	33	52	392	466
5. Orissa	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—
7. Madhya Pradesh	—	—	—	—	—	—	—
8. Madras	—	—	—	—	—	—	—
9. Uttar Pradesh	—	—	—	—	—	—	—
10. West Bengal	—	—	—	—	—	—	—
11. Kerala	—	—	—	—	—	—	—
12. Mysore	7	6	4849	1305	1023	3283	4681
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	1	1	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	21	20	6634	1370	1095	3846	5384

TABLE (5.14) : AGGREGATES OF SELECTED ITEMS FOR TEXTILES:
MADE OF ARTIFICIAL SILK INCLUDING ARTIFICIAL
SILK YARN INDUSTRY (10c) BY STATE : 1955

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	1	1	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	1	1	422	49	43	258	355
4. Bombay	115	113	93034	20597	29269	126918	190772
5. Orissa	—	—	—	—	—	—	—
6. Punjab	15	15	4032	2475	2752	8033	12136
7. Madhya Pradesh	3	1	360	66	75	422	476
8. Madras	—	—	—	—	—	—	—
9. Uttar Pradesh	—	—	—	—	—	—	—
10. West Bengal	1	1	1450	640	603	2116	1885
11. Kerala	1	1	14951	495	963	8118	10654
12. Mysore	8	5	421	302	159	485	809
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	1	1	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	146	139	114670	24624	33864	146550	217087

"—" indicates "not available" as the undertakings are "not in operation".

Sample Survey of Manufacturing Industries 1955(1)

TABLE (5.15) : AGGREGATES OF SELECTED ITEMS FOR TEXTILES : MADE WHOLLY OR IN PART OF STAPLE FIBRE INDUSTRY (10f)
BY STATE : 1955

states	number of under- takings		total invested capital (Rs. in 000)	total employ- ees (number)	payment to total employ- ees (Rs. in 000)	total input (Rs. in 000)	total output (Rs. in 000)
	allotted	surveyed					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	1	1	—	—	—	—	—
4. Bombay	34	32	2212	795	1127	3123	4461
5. Orissa	—	—	—	—	—	—	—
6. Punjab	8	8	403	182	188	667	1096
7. Madhya Pradesh	2	—	—	—	—	—	—
8. Madras	2	2	49666	134	181	1869	2358
9. Uttar Pradesh	1	—	—	—	—	—	—
10. West Bengal	3	3	1490	457	424	284	497
11. Kerala	—	—	—	—	—	—	—
12. Mysore	5	5	1200	61	44	61	171
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	1	1	33	54	34	120	135
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	57	52	55004	1683	1988	6124	8718

TABLE (5.16) : AGGREGATES OF SELECTED ITEMS FOR AUTOMOBILES INDUSTRY (11) BY STATE : 1955

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	2	2	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—	—
4. Bombay	9	9	57750	3921	8642	130516	158831
5. Orissa	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—
7. Madhya Pradesh	—	—	—	—	—	—	—
8. Madras	8	6	7837	366	634	16334	17577
9. Uttar Pradesh	—	—	—	—	—	—	—
10. West Bengal	4	3	51988	3761	8544	83578	99031
11. Kerala	—	—	—	—	—	—	—
12. Mysore	3	2	3321	99	248	388	1011
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	26	22	120896	8147	18068	230816	276450

“—” indicates “not available” as the undertakings are “not in operation”.

National Sample Survey

TABLE (5.17) : AGGREGATES OF SELECTED ITEMS FOR TRACTORS
INDUSTRY (11a) BY STATE : 1955

states	number of under- takings		total invested capital (Rs. in 000)	total employ- ees (number)	payment to total employ- ees (Rs. in 000)	total input (Rs. in 000)	total output (Rs. in 000)
	allotted	surveyed					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—	—
4. Bombay	—	—	—	—	—	—	—
5. Orissa	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—
7. Madhya Pradesh	—	—	—	—	—	—	—
8. Madras	—	2	—	—	—	—	—
9. Uttar Pradesh	—	—	—	—	—	—	—
10. West Bengal	—	—	—	—	—	—	—
11. Kerala	—	—	—	—	—	—	—
12. Mysore	—	—	—	—	—	—	—
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	—	2	—	—	—	—	—

TABLE (5.18) : AGGREGATES OF SELECTED ITEMS FOR CEMENT (12)
INDUSTRY BY STATE : 1955

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	2	2	11836	1481	2261	9971	16653
2. Assam	—	—	—	—	—	—	—
3. Bihar	4	3	28473	1740	2643	9882	18363
4. Bombay	4	3	40043	2725	4670	27636	44060
5. Orissa	1	1	15374	1051	1024	6218	13129
6. Punjab	3	3	21760	1314	2029	12590	23311
7. Madhya Pradesh	1	1	2538	577	810	2733	5072
8. Madras	4	3	36220	2532	4075	23126	51834
9. Uttar Pradesh	1	1	48232	803	1064	5663	13250
10. West Bengal	—	—	—	—	—	—	—
11. Kerala	1	1	12380	437	719	2954	4654
12. Mysore	2	2	29995	1243	1548	12650	22377
13. Rajasthan	2	2	29990	2562	3286	18702	34452
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	25	22	276841	16465	24129	132125	247155

Sample Survey of Manufacturing Industries 1955(1)

TABLE (5.19) : AGGREGATES OF SELECTED ITEMS FOR ELECTRIC LAMPS
INDUSTRY (13) BY STATE : 1955

states	number of under- takings		total invested capital (Rs. in 000)	total employ- ees (number)	payment to total employ- ees (Rs. in 000)	total input (Rs. in 000)	total output (Rs. in 000)
	allotted	surveyed					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	1	1	387	107	173	778	930
4. Bombay	1	1	5039	192	336	849	1726
5. Orissa	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—
7. Madhya Pradesh	—	—	—	—	—	—	—
8. Madras	—	—	—	—	—	—	—
9. Uttar Pradesh	1	1	5375	575	940	1292	3899
10. West Bengal	3	3	7472	1047	1676	5295	10552
11. Kerala	—	—	—	—	—	—	—
12. Mysore	1	1	2290	167	241	497	1092
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	7	7	20563	2088	3366	8711	18199

TABLE (5.20) : AGGREGATES OF SELECTED ITEMS FOR ELECTRIC FANS
INDUSTRY (13a) BY STATE : 1955

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—	—
4. Bombay	9	9	6321	874	1526	7925	12061
5. Orissa	—	—	—	—	—	—	—
6. Punjab	2	2	182	68	58	157	214
7. Madhya Pradesh	—	—	—	—	—	—	—
8. Madras	1	1	283	—	—	—	—
9. Uttar Pradesh	1	1	269	83	53	89	109
10. West Bengal	13	12	21016	3764	6223	13034	25846
11. Kerala	—	—	—	—	—	—	—
12. Mysore	—	—	—	—	—	—	—
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	2	2	3311	330	585	1593	2631
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	28	27	31382	5119	8445	22798	40861

National Sample Survey

TABLE (5.21) : AGGREGATES OF SELECTED ITEMS FOR ELECTRIC MOTORS
INDUSTRY (14) BY STATE : 1955

states	number of under- takings		total capital (Rs. in 000)	total employ-ees (number)	payment to total employ-ees (Rs. in 000)	total input (Rs. in 000)	total output (Rs. in 000)
	allotted	surveyed					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—	—
4. Bombay	4	4	3128	595	897	2788	4072
5. Orissa	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—
7. Madhya Pradesh	—	—	—	—	—	—	—
8. Madras	5	4	1613	445	363	530	844
9. Uttar Pradesh	—	—	—	—	—	—	—
10. West Bengal	6	6	7341	1043	1618	3233	5590
11. Kerala	—	—	—	—	—	—	—
12. Mysore	2	2	3478	491	472	2680	5076
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	17	16	15560	2574	3350	9231	15582

TABLE (5.22) : AGGREGATES OF SELECTED ITEMS FOR HEAVY CHEMICALS
INCLUDING FERTILISERS INDUSTRY (15) BY STATES : 1955

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	4	4	4371	564	490	4155	5915
2. Assam	—	—	—	—	—	—	—
3. Bihar	4	2	2055	288	555	1117	1490
4. Bombay	25	22	60043	7046	12176	36555	68598
5. Orissa	1	1	599	316	154	802	1090
6. Punjab	2	2	1608	248	262	861	1453
7. Madhya Pradesh	4	2	158	110	47	173	222
8. Madras	10	10	12336	1161	1564	11621	17056
9. Uttar Pradesh	2	2	1255	523	537	2350	3153
10. West Bengal	16	16	43183	2467	3644	35403	51381
11. Kerala	6	5	74453	1857	3667	19201	26148
12. Mysore	6	5	2857	346	386	1285	2424
13. Rajasthan	2	2	94	393	312	899	1445
14. Delhi	2	2	7532	624	1262	7018	9269
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	84	75	210544	15943	25056	121440	189644

Sample Survey of Manufacturing Industries 1955(1)

TABLE (5.23) : AGGREGATES OF SELECTED ITEMS FOR MACHINERY IN
INDUSTRY INCLUDING BOILERS AND STEAM GENERATING
EQUIPMENTS INDUSTRY (16) BY STATES : 1955

states	number of under-takings		total invested capital (Rs. in 000)	total employees (number)	payment to total employees (Rs. in 000)	total input (Rs. in 000)	total output (Rs. in 000)
	allotted	surveyed					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	4	4	7211	797	886	2848	2465
2. Assam	—	—	—	—	—	—	—
3. Bihar	2	2	610	152	137	688	612
4. Bombay	34	34	37384	6466	10993	18400	34199
5. Orissa	1	—	—	—	—	—	—
6. Punjab	5	5	3634	512	619	1603	2387
7. Madhya Pradesh	6	5	6585	1253	1629	2649	4447
8. Madras	20	19	6145	1805	1633	3361	5736
9. Uttar Pradesh	8	7	882	470	455	1269	1849
10. West Bengal	31	30	42316	7982	12226	21762	46759
11. Kerala	2	1	142	54	44	34	100
12. Mysore	5	3	2022	496	384	533	1113
13. Rajasthan	2	1	—	—	—	—	—
14. Delhi	4	4	317	107	194	271	394
15. Himachal Pradesh	1	1	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	125	116	107248	20094	29200	53418	100061

“—” indicates “not available” as the undertakings are “not in operation”.

TABLE (5.24) : AGGREGATES OF SELECTED ITEMS FOR BALL, ROLLER AND
TAPERED BEARINGS INDUSTRY (16a) BY STATES : 1955

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—	—
4. Bombay	—	—	—	—	—	—	—
5. Orissa	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—
7. Madhya Pradesh	—	—	—	—	—	—	—
8. Madras	—	—	—	—	—	—	—
9. Uttar Pradesh	—	—	—	—	—	—	—
10. West Bengal	—	—	—	—	—	—	—
11. Kerala	—	—	—	—	—	—	—
12. Mysore	—	—	—	—	—	—	—
13. Rajasthan	1	1	7483	739	992	3868	4298
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	1	1	7483	739	992	3868	4298

National Sample Survey

TABLE (5.25) : AGGREGATES OF SELECTED ITEMS FOR LOCOMOTIVES
INDUSTRY (17) BY STATE : 1955

states	number of under- takings		total invested capital (Rs. in 000)	total employ- ees (number)	payment to total employ- ees (Rs. in 000)	total input (Rs. in 000)	total output (Rs. in 000)
	allotted	surveyed					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	1	1	84746	4374	9359	26326	36514
4. Bombay	—	—	—	—	—	—	—
5. Orissa	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—
7. Madhya Pradesh	—	—	—	—	—	—	—
8. Madras	—	—	—	—	—	—	—
9. Uttar Pradesh	—	—	—	—	—	—	—
10. West Bengal	1	1	—	—	—	—	—
11. Kerala	—	—	—	—	—	—	—
12. Mysore	—	—	—	—	—	—	—
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	2	2	84746	4374	9359	26326	36514

TABLE (5.26) : AGGREGATES OF SELECTED ITEMS FOR ROLLING STOCK
(17a) INDUSTRY BY STATE : 1955

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	1	1	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	3	2	4274	999	1165	4468	6443
4. Bombay	1	1	—	—	—	—	—
5. Orissa	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—
7. Madhya Pradesh	1	1	488	5	9	NA	NA
8. Madras	1	1	13	87	3	19	26
9. Uttar Pradesh	—	—	—	—	—	—	—
10. West Bengal	13	12	54072	13349	24366	115188	153203
11. Kerala	—	—	—	—	—	—	—
12. Mysore	1	1	—	—	—	—	—
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	21	19	58847	14440	25543	119675	159672

“—” indicates “not available” as the undertakings are “not in operation”.

Sample Survey of Manufacturing Industries 1955(1)

TABLE (5.27) : AGGREGATES OF SELECTED ITEMS FOR MACHINERY
TOOLS INDUSTRY (18) BY STATE : 1955

states	number of under- taking		total invested capital (Rs. in 000)	total employ- ees (number)	payment to total employ- ees (Rs. in 000)	total input (Rs. in 000)	total output (Rs. in 000)
	allotted	surveyed					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	1	1	—	—	—	—	—
4. Bombay	7	6	1885	551	941	870	2460
5. Orissa	—	—	—	—	—	—	—
6. Punjab	4	4	685	7051	72	126	234
7. Madhya Pradesh	1	1	190	—	—	—	—
8. Madras	1	1	214	100	88	45	66
9. Uttar Pradesh	—	—	—	—	—	—	—
10. West Bengal	14	13	462	328	365	372	948
11. Kerala	—	—	—	—	—	—	—
12. Mysore	—	2	—	—	—	—	—
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	3	3	204	46	57	119	299
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	34	32	3640	8076	1523	1532	4007

“—” indicates “not available” as the undertakings are “not in operation”.

TABLE (5.28) : AGGREGATES OF SELECTED ITEMS FOR MACHINERY AND
EQUIPMENTS FOR GENERATION, TRANSMISSION AND DISTRIBUTION
OF ELECTRIC ENERGY INDUSTRY (19) BY STATE : 1955

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	1	1	41075	1514	3114	36937	63496
4. Bombay	14	14	25483	1897	3106	15315	21288
5. Orissa	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—
7. Madhya Pradesh	—	—	—	—	—	—	—
8. Madras	3	3	7027	949	660	4217	5456
9. Uttar Pradesh	—	—	—	—	—	—	—
10. West Bengal	16	16	24242	2437	3794	32695	49041
11. Kerala	1	1	6851	462	504	20024	21880
12. Mysore	3	3	9626	1097	1294	7059	11326
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	2	2	3520	298	389	11378	13781
15. Himachal Pradesh	—	—	194	48	53	228	335
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	41	41	118018	8702	12914	127853	186603

National Sample Survey

TABLE (5.29) : AGGREGATES OF SELECTED ITEMS FOR NONFERROUS METALS INCLUDING ALLOYS INDUSTRY
(20) BY STATE : 1955

states	number of under-	total	total	payment	total	total	
	allotted	takings surveyed	invested capital (Rs. in 000)	employ-ees (number)	to total employ-ees (Rs. 000)	input (Rs. in 000)	output (Rs. in 000)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	1	1	6404	171	292	161	7
2. Assam	—	—	—	—	—	—	—
3. Bihar	3	2	15242	2014	3041	44852	48332
4. Bombay	19	19	85402	4809	7744	52805	66017
5. Orissa	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—
7. Madhya Pradesh	2	2	2270	590	502	3839	4899
8. Madras	—	—	—	—	—	—	—
9. Uttar Pradesh	3	3	1910	294	295	2704	3284
10. West Bengal	—	—	—	—	—	—	—
11. Kerala	13	13	99682	6144	11374	69423	99078
12. Mysore	—	—	—	—	—	—	—
13. Rajasthan	4	3	4653	900	1170	26865	32543
14. Delhi	2	2	544	180	151	1184	1416
15. Himachal Pradesh	2	2	969	209	216	1819	2350
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	49	47	217076	15311	24785	203652	257926

TABLE (5.30) : AGGREGATES OF SELECTED ITEMS FOR PAPER INCLUDING NEWSPRINT INDUSTRY (21) BY STATE : 1955

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	2	2	11014	2239	3917	13495	19562
2. Assam	—	—	—	—	—	—	—
3. Bihar	1	1	6615	1217	1851	16537	27620
4. Bombay	14	13	10724	1922	1876	6675	10523
5. Orissa	—	—	—	—	—	—	—
6. Punjab	1	1	—	—	—	—	—
7. Madhya Pradesh	—	—	—	—	—	—	—
8. Madras	3	2	51093	1715	1290	3897	4765
9. Uttar Pradesh	2	2	—	—	—	—	—
10. West Bengal	5	5	7507	1354	1203	3701	6891
11. Kerala	11	11	80038	11452	16876	56767	88804
12. Mysore	1	1	8428	1352	1397	4918	7360
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	42	39	175419	21251	28410	105990	165525

"—" indicates "not available" as the undertakings are "not in operation".

Sample Survey of Manufacturing Industries 1955(1)

TABLE (5.31) : AGGREGATES OF SELECTED ITEMS FOR PHARMACEUTICAL AND DRUGS INDUSTRY (22) BY STATE : 1955

states	number of under- takings		total invested capital (Rs. in 000)	total employ- ees (number)	payment to total employ- ees (Rs. in 000)	total input (Rs. in 000)	total output (Rs. in 000)
	allotted	surveyed	(4)	(5)	(6)	(7)	(8)
(1)	(2)	(3)					
1. Andhra	2	2	300	104	51	238	316
2. Assam	—	—	—	—	—	—	—
3. Bihar	4	3	1023	321	247	2495	3368
4. Bombay	46	45	90542	8052	13521	99181	166959
5. Orissa	—	—	—	—	—	—	—
6. Punjab	5	5	2975	188	169	671	954
7. Madhya Pradesh	—	—	—	—	—	—	—
8. Madras	6	6	7473	393	403	2554	3527
9. Uttar Pradesh	7	6	1175	450	404	1230	2246
10. West Bengal	28	28	33772	5409	6136	19773	38282
11. Kerala	5	5	3056	248	344	2186	2911
12. Mysore	3	3	3121	404	337	905	1633
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	1	1	948	260	678	2201	3802
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	107	104	144385	15829	22290	131434	223998

TABLE (5.32) : AGGREGATES OF SELECTED ITEMS FOR POWER AND INDUSTRIAL ALCOHOL INDUSTRY (23) BY STATE : 1955

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	3	3	962	292	376	668	1822
2. Assam	—	—	—	—	—	—	—
3. Bihar	4	3	616	198	184	1154	1855
4. Bombay	4	4	3980	253	330	711	2005
5. Orissa	—	—	—	—	—	—	—
6. Punjab	3	3	303	29	29	59	250
7. Madhya Pradesh	1	1	9	45	2	7	13
8. Madras	2	2	496	196	260	321	2183
9. Uttar Pradesh	14	14	15372	1524	1785	5944	12117
10. West Bengal	3	3	2287	771	1416	2863	5462
11. Kerala	1	1	440	10	12	57	213
12. Mysore	—	—	—	—	—	—	—
13. Rajasthan	1	1	89	38	32	225	230
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	36	35	24554	3356	4426	12009	26150

National Sample Survey

TABLE (5.33) : AGGREGATES OF SELECTED ITEMS FOR RUBBER GOODS INDUSTRY (24) BY STATES : 1955

states	number of under-takings		total invested capital (Rs. in 000)	total employ-ees (number)	payment to total employ-ees (Rs. in 000)	total input (Rs. in 000)	total output (Rs. in 000)
	allotted	surveyed					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—	—
4. Bombay	22	22	36960	4832	8751	65852	132346
5. Orissa	—	—	—	—	—	—	—
6. Punjab	5	5	2847	479	853	2681	5686
7. Madhya Pradesh	1	1	237	169	150	306	446
8. Madras	2	2	1061	265	284	2638	4020
9. Uttar Pradesh	1	1	227	143	119	204	392
10. West Bengal	24	24	78612	14936	28048	136814	178356
11. Kerala	5	5	4752	722	779	4461	7203
12. Mysore	—	—	—	—	—	—	—
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	4	4	545	163	142	440	617
15. Himachal Pradesh	—	—	—	—	—	—	—
15. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	64	64	125241	21709	39126	213396	329066

TABLE (5.34) : AGGREGATES OF SELECTED ITEMS FOR LEATHER, LEATHER-GOODS AND PICKERS INDUSTRY (25) BY STATE : 1955

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	2	2	137	116	62	833	690
2. Assam	—	—	—	—	—	—	—
3. Bihar	2	2	2987	991	1801	6119	9701
4. Bombay	8	8	5287	564	827	5599	7430
5. Orissa	—	—	—	—	—	—	—
6. Punjab	1	1	552	133	119	1096	1364
7. Madhya Pradesh	—	—	—	—	—	—	—
8. Madras	14	13	8283	1788	1410	17208	19960
9. Uttar Pradesh	15	14	29594	4433	5836	24670	36305
10. West Bengal	2	2	5754	2923	6465	14143	22337
11. Kerala	—	—	—	—	—	—	—
12. Mysore	2	2	1077	145	114	813	1050
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	46	44	53676	11093	16634	70481	98837

Sample Survey of Manufacturing Industries 1955(1)

TABLE (5.35) : AGGREGATES OF SELECTED ITEMS FOR GLUE AND GELATINE INDUSTRY (26) BY STATE : 1955

states	number of under-takings		total invested capital (Rs. in 000)	total employees (number)	payment to total employees (Rs. in 000)	total input (Rs. in 000)	total output (Rs. in 000)
	allotted	surveyed					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—	—
4. Bombay	3	3	737	116	209	644	821
5. Orissa	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—
7. Madhya Pradesh	1	1	27	58	30	147	100
8. Madras	1	1	—	—	—	—	—
9. Uttar Pradesh	—	—	—	—	—	—	—
10. West Bengal	1	1	544	104	199	403	964
11. Kerala	—	—	—	—	—	—	—
12. Mysore	—	—	—	—	—	—	—
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	6	6	1308	278	458	1194	1885

TABLE (5.36) : AGGREGATES OF SELECTED ITEMS FOR VANASPATI INDUSTRY (27) BY STATE : 1955

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	5	5	8424	539	550	14368	15181
2. Assam	—	—	—	—	—	—	—
3. Bihar	2	2	2459	190	335	8875	9427
4. Bombay	18	18	53633	3325	6865	114651	143851
5. Orissa	1	1	2558	—	—	—	—
6. Punjab	2	1	—	—	—	—	—
7. Madhya Pradesh	2	1	4975	350	275	30331	33150
8. Madras	6	6	10387	470	794	14320	15667
9. Uttar Pradesh	5	4	16130	1143	1299	43325	52099
10. West Bengal	9	7	13320	883	1355	49817	54792
11. Kerala	2	2	2596	79	114	1034	1219
12. Mysore	1	1	413	28	21	1051	994
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	2	2	7936	3431	1307	54233	55364
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	55	50	122831	10438	12915	332005	381744

"—" indicates "not available" as the undertakings are "not in operations".

National Sample Survey

TABLE (5.37) : AGGREGATES OF SELECTED ITEMS FOR VEGETABLE OILS
INDUSTRY (27a) BY STATE : 1955

states	number of under- takings		total invested capital (Rs. in 000)	total employ- ees (number)	payment to total employ- ees (Rs. in 000)	total input (Rs. in 000)	total output (Rs. in 000)
	allotted	surveyed					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	35	35	10629	1792	975	34131	38261
2. Assam	4	4	2340	303	302	6793	7143
3. Bihar	12	12	6034	529	474	21561	23582
4. Bombay	57	57	27849	4448	4747	142566	157108
5. Orissa	2	2	2794	35	7	365	407
6. Punjab	4	3	749	—	—	—	—
7. Madhya Pradesh	5	5	2604	183	83	2511	2733
8. Madras	15	15	5264	729	741	29877	30799
9. Uttar Pradesh	38	37	16636	4800	3632	100771	113201
10. West Bengal	16	15	7826	1528	1617	52279	59807
11. Kerala	10	9	3589	248	500	5907	6243
12. Mysore	15	15	8869	985	648	21286	22037
13. Rajasthan	3	3	310	47	27	604	711
14. Delhi	3	3	971	123	97	4178	4442
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	219	215	96464	15750	13850	422829	466474

TABLE (5.38) : AGGREGATES OF SELECTED ITEMS FOR AGRICULTURAL
IMPLEMENT INDUSTRY (28) BY STATE : 1955

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	6	5	294	20	9	2927	3430
2. Assam	—	—	—	—	—	—	—
3. Bihar	5	4	2126	643	1530	3246	6847
4. Bombay	12	12	3078	780	942	1001	5240
5. Orissa	1	1	—	—	—	—	—
6. Punjab	15	15	1923	343	278	1217	1996
7. Madhya Pradesh	3	1	199	23	27	51	93
8. Madras	4	4	470	105	64	111	251
9. Uttar Pradesh	16	16	1835	634	489	1668	2423
10. West Bengal	18	16	3153	587	618	2126	3155
11. Kerala	3	3	551	208	148	318	1122
12. Mysore	1	1	786	215	152	234	530
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	4	4	364	15	72	226	323
15. Himachal Pradesh	1	1	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	89	83	14779	3643	4329	11027	20014

“—” indicates “not available” as the undertakings are “not in operations”.

Sample Survey of Manufacturing Industries 1955(1)

TABLE (5.39) : AGGREGATES OF SELECTED ITEMS FOR BATTERY, DRY-CELLS
AND STORAGE INDUSTRY (29) BY STATE : 1955

states	number of under- takings		total invested capital (Rs. in 000)	total employ- ees (number)	payment to total employ- ees (Rs. in 000)	total input (Rs. in 000)	total output (Rs. in 000)	
	allotted	surveyed						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1. Andhra	—		—		—		—	
2. Assam	—		—		—		—	
3. Bihar	—		—		—		—	
4. Bombay	3		3		9630		1312	
5. Orissa	—		—		—		—	
6. Punjab	—		—		—		—	
7. Madhya Pradesh	—		—		4108		239	
8. Madras	2		2		331		3865	
9. Uttar Pradesh	—		—		—		—	
10. West Bengal	5		4		13993		2223	
11. Kerala	—		—		—		—	
12. Mysore	—		—		485		8	
13. Rajasthan	—		—		—		—	
14. Delhi	1		1		161		44	
15. Himachal Pradesh	—		—		—		—	
16. Manipur	—		—		—		—	
17. Tripura	—		—		—		—	
18. total	13		11		28377		3826	

National Sample Survey

TABLE (5.41) : AGGREGATES OF SELECTED ITEMS FOR HURRICANE LANTERN
INDUSTRY (31) BY STATE : 1955

states	number of under-takings		total invested capital (Rs. in 000)	total employees (number)	payment to total employees (Rs. in 000)	total input (Rs. in 000)	total output (Rs. in 000)
	allotted	surveyed					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	1	1	405	134	75	130	237
4. Bombay	1	1	1151	419	395	948	1707
5. Orissa	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—
7. Madhya Pradesh	—	—	—	—	—	—	—
8. Madras	1	1	431	149	129	78	256
9. Uttar Pradesh	2	2	809	459	407	1151	1750
10. West Bengal	5	5	2632	1170	1753	4308	6463
11. Kerala	—	—	—	—	—	—	—
12. Mysore	—	—	—	—	—	—	—
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	3	3	608	482	288	1083	1836
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	13	13	6036	2813	3047	7698	12249

TABLE (5.42) : AGGREGATES OF SELECTED ITEMS FOR INTERNAL COMBUSTION
ENGINE INDUSTRY (32) BY STATE : 1955

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—	—
4. Bombay	8	8	9875	1420	1602	4639	7582
5. Orissa	—	—	—	—	—	—	—
6. Punjab	2	2	422	167	142	75	134
7. Madhya Pradesh	1	1	106	—	—	—	—
8. Madras	6	6	8041	834	1204	2092	5059
9. Uttar Pradesh	4	3	48	87	108	158	301
10. West Bengal	1	1	57	7	8	260	278
11. Kerala	2	—	—	—	—	—	—
12. Mysore	1	1	1789	55	147	366	619
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	1	1	260	67	88	99	238
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	26	23	20598	2637	3299	7689	14211

"—" indicates "not available" as the undertakings are "not in operations".

Sample Survey of Manufacturing Industries 1955(1)

TABLE (5.43) : AGGREGATES OF SELECTED ITEMS FOR POWER-DRIVEN
PUMPS INDUSTRY (33) BY STATE : 1955

states	number of under-takings		total invested capital (Rs. in 000)	total employ-ees (number)	payment to total employ-ees (Rs. in 000)	total input (Rs. in 000)	total output (Rs. in 000)		
	allotted	surveyed							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
1. Andhra	1	—	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—	—	—	—
4. Bombay	13	12	7389	753	994	3112	5629		
5. Orissa	—	—	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—	—	—
7. Madhya Pradesh	2	1	190	—	—	—	—	—	—
8. Madras	4	4	805	206	155	271	562		
9. Uttar Pradesh	—	—	—	—	—	—	—	—	—
10. West Bengal	11	11	632	59	108	215	355		
11. Kerala	—	—	—	—	—	—	—	—	—
12. Mysore	1	1	491	8	7	2	9		
13. Rajasthan	—	—	—	—	—	—	—	—	—
14. Delhi	1	1	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—	—	—
18. total	33	30	9507	1026	1264	3600	6555		

TABLE (5.44) : AGGREGATE OF SELECTED ITEMS FOR RADIO RECEIVERS
INDUSTRY (34) BY STATE : 1955

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	1	1	5232	235	293	557	594
4. Bombay	4	4	2692	333	610	4002	5365
5. Orissa	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—
7. Madhya Pradesh	—	—	—	—	—	—	—
8. Madras	—	—	—	—	—	—	—
9. Uttar Pradesh	1	1	—	—	—	—	—
10. West Bengal	3	3	4470	423	748	5724	8202
11. Kerala	—	—	—	—	—	—	—
12. Mysore	1	1	1216	53	59	77	15
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	10	10	13610	1044	1710	10360	14176

'—' indicates "not available" as the undertakings are "not in operations".

National Sample Survey

TABLE (5.45) : AGGREGATES OF SELECTED ITEMS FOR SEWING MACHINES
INDUSTRY (35) BY STATES : 1955

states	number of under-takings		total invested capital (Rs. in 000)	total employees (number)	payment to total employees (Rs. in 000)	total input (Rs. in 000)	total output (Rs. in 000)
	allotted	surveyed					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—	—
4. Bombay	—	—	—	—	—	—	—
5. Orissa	—	—	—	—	—	—	—
6. Punjab	1	1	122	168	141	153	386
7. Madhya Pradesh	—	—	—	—	—	—	—
8. Madras	—	—	—	—	—	—	—
9. Uttar Pradesh	—	—	—	—	—	—	—
10. West Bengal	2	2	8050	1854	4310	6910	13500
11. Kerala	—	—	—	—	—	—	—
12. Mysore	—	—	—	—	—	—	—
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	3	3	8172	2022	4451	7063	13886

TABLE (5.46) : AGGREGATES OF SELECTED ITEMS FOR SMALL TOOLS
INDUSTRY (36) BY STATE : 1955

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—	—
4. Bombay	5	4	524	149	232	341	812
5. Orissa	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—
7. Madhya Pradesh	—	—	—	—	—	—	—
8. Madras	3	2	33	29	18	14	45
9. Uttar Pradesh	—	—	—	—	—	—	—
10. West Bengal	4	4	2594	510	499	1528	2394
11. Kerala	—	—	—	—	—	—	—
12. Mysore	—	—	—	—	—	—	—
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	12	10	3151	688	749	1883	3251

Sample Survey of Manufacturing Industries 1955(1)

TABLE (5.47) : AGGREGATES OF SELECTED ITEMS FOR HAND TOOLS INDUSTRY
(36a) BY STATE : 1955

states	number of under- takings		total invested capital (Rs. in 000)	total employ-ees (number)	payment to total employ-ees (Rs. in 000)	total input (Rs. in 000)	total output (Rs. in 000)
	allotted	surveyed					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—	—
4. Bombay	5	4	397	124	119	232	490
5. Orissa	—	—	—	—	—	—	—
6. Punjab	1	1	35	2	2	3	5
7. Madhya Pradesh	1	1	190	—	—	—	—
8. Madras	5	5	289	180	127	99	263
9. Uttar Pradesh	—	—	—	—	—	—	—
10. West Bengal	4	4	514	161	93	166	263
11. Kerala	—	—	—	—	—	—	—
12. Mysore	1	1	261	88	9	25	94
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	1	1	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	18	17	1686	555	350	525	1115

“—” indicates “not available” as the undertakings are “not in operation”.

TABLE (5.48) : AGGREGATES OF SELECTED ITEMS FOR GLASS AND CERAMICS INDUSTRY (37) BY STATE : 1955

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	5	4	839	312	218	376	569
2. Assam	—	—	—	—	—	—	—
3. Bihar	14	12	17862	7522	9702	12216	26923
4. Bombay	38	38	27751	8772	6930	15122	27451
5. Orissa	3	3	1724	1111	528	592	1081
6. Punjab	5	5	807	517	273	668	997
7. Madhya Pradesh	9	8	8587	3189	2670	3155	7115
9. Madras	22	22	5307	2379	1662	3660	7203
10. Uttar Pradesh	19	19	6360	5028	4394	9824	15516
11. West Bengal	37	37	34537	12012	12578	22056	42403
12. Kerala	22	20	10083	4981	3641	4028	8969
12. Mysore	9	6	4516	2087	1239	1134	3129
13. Rajasthan	1	1	346	607	414	794	1482
14. Delhi	6	6	2345	899	738	1034	1901
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	190	181	121064	49416	44987	74659	144739

National Sample Survey

TABLE (5.49) : AGGREGATES OF SELECTED ITEMS FOR DYE-STUFFS INDUSTRY
(38) BY STATE : 1955

states	number of under-takings		total invested capital (Rs. in 000)	total employees (number) in 000)	payment to total employees (Rs. 000)	total input (Rs. in 000)	total output (Rs. in 000)
	allotted	surveyed					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—	—
4. Bombay	2	2	16304	719	831	9618	12848
5. Orissa	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—
7. Madhya Pradesh	—	—	—	—	—	—	—
8. Madras	—	—	—	—	—	—	—
9. Uttar Pradesh	—	—	—	—	—	—	—
10. West Bengal	—	—	—	—	—	—	—
11. Kerala	—	—	—	—	—	—	—
12. Mysore	—	—	—	—	—	—	—
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	1	1	1396	87	112	1959	2645
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	3	3	17700	806	943	11577	15493

TABLE (5.50) : AGGREGATES OF SELECTED ITEMS FOR SOAP INDUSTRY (39) BY STATE : 1955

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	1	1	257	26	22	283	331
2. Assam	—	—	—	—	—	—	—
3. Bihar	1	1	196	32	37	99	118
4. Bombay	16	16	28867	2459	5535	61856	92034
5. Orissa	—	—	—	—	—	—	—
6. Punjab	2	2	694	42	31	634	555
7. Madhya Pradesh	5	2	44	9	7	44	47
8. Madras	4	4	1901	104	109	833	1208
9. Uttar Pradesh	6	5	1898	191	170	1480	1874
10. West Bengal	13	13	17421	1591	3317	33217	48727
11. Kerala	5	5	11409	997	1762	11001	16619
12. Mysore	3	3	89	280	210	2592	3864
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	2	2	333	23	32	294	422
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	58	54	62931	5754	11232	112333	165799

Sample Survey of Manufacturing Industries 1955(1)

TABLE (5.51) : AGGREGATES OF SELECTED ITEMS FOR OTHER TOILET REQUISITES INDUSTRY (40) BY STATE : 1955

states	number of under-	total	total	payment	total	total	
	allotted takings	invested capital (Rs. in 000)	employees (number)	to total employees (Rs. in 000)	input (Rs. in 000)	output (Rs. in 000)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—	—
4. Bombay	12	11	6543	352	884	8955	18564
5. Orissa	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—
7. Madhya Pradesh	—	—	—	—	—	—	—
8. Madras	—	—	—	—	—	—	—
9. Uttar Pradesh	1	1	361	40	36	138	251
10. West Bengal	9	9	3873	393	692	5251	8008
11. Kerala	1	1	1290	101	218	903	1251
12. Mysore	—	—	—	—	—	—	—
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	23	22	12067	886	1830	15247	28074

TABLE (5.52) : AGGREGATES OF SELECTED ITEMS FOR PLYWOOD INDUSTRY (41) BY STATE : 1955

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	—	—	—	—	—	—	—
2. Assam	8	8	11156	1746	1688	10745	16313
3. Bihar	—	—	—	—	—	—	—
4. Bombay	—	—	—	—	—	—	—
5. Orissa	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—
7. Madhya Pradesh	—	—	—	—	—	—	—
8. Madras	—	—	—	—	—	—	—
9. Uttar Pradesh	—	—	—	—	—	—	—
10. West Bengal	22	22	3282	1610	1338	8059	11127
11. Kerala	11	10	4666	1669	1139	4556	7979
12. Mysore	3	2	2570	419	260	1495	3527
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	44	42	21674	5444	4425	24855	38946

National Sample Survey

TABLE (5.53): AGGREGATES OF SELECTED ITEMS FOR FERRO-MANGANESE INDUSTRY
(42) BY STATE : 1955

states	number of under-	total	total employed (number)	payment to total employees (Rs. in 000)	total input (Rs. in 000)	total output (Rs. in 000)	
	allotted	surveyed					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	1	1	1586	210	74	1091	4390
4. Bombay	1	1	613	77	166	1369	2193
5. Orissa	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—
7. Madhya Pradesh	—	—	—	—	—	—	—
8. Madras	—	—	—	—	—	—	—
9. Uttar Pradesh	—	—	—	—	—	—	—
10. West Bengal	—	—	—	—	—	—	—
11. Kerala	—	—	—	—	—	—	—
12. Mysore	—	—	—	—	—	—	—
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	2	2	2199	287	240	2460	6583

TABLE (6.1) : DISTRIBUTION OF UNDERTAKINGS BY SIZE CLASS OF FIXED CAPITAL AND SCHEDULED INDUSTRIES : 1955

size class of fixed capital (Rs. 000)	scheduled industries	aircraft (01)		arms & ammunition (02)		iron and steel (04)		mathematical instruments (05)		scientific instruments (5a)		motor, kerosene, synthetic oils (06)		ships & other vessels (07)		sugar (08)		telephone & telegraph apparatus (09)		textiles : cotton (10a)		textiles : jute (10b)		textiles : woollen (10c)		textiles : silk (10d)		textiles : artificial silk (10e)		textiles : staple fibre (10f)		automobiles (11)		tractors (11a)		cement (12)		electric lamps (13)		electric fan (13a)		sub-total (page 1)	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)																				
1. below — 10									1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1								
2. 10 — 24									8	24	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1								
3. 25 — 49									15	6	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1								
4. 50 — 99									31	1	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1								
5. 100 — 149									18	25	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1								
6. 150 — 249									25	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1								
7. 250 — 349									12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1								
8. 350 — 499									13	11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1								
9. 500 — 749									11	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1								
10. 750 — 999									8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—								
11. 1000 — 1499									5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1								
12. 1500 — 1999									3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—								
13. 2000 — 2499									1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1								
14. 2500 — 3499									4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1								
15. 3500 — 4999									3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1								
16. 5000 — 7499									1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—								
17. 7500 — 9999									1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1								
18. 10000 — 12499									1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1								
19. 12500 — 14999									1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—								
20. 15000 — 19999									1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—								
21. 20000 — 24999									1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—								
22. 25000 and above		1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—								
23. not reported		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—								
24. total		1	9	182	9	9	1	1	14	125	8	481	84	62	20	139	52	22	—	22	7	7	27	1274																			

'—' indicates 'no undertaking'.

TABLE (6.1) (Contd.) : DISTRIBUTION OF UNDERTAKINGS BY SIZE CLASS OF FIXED CAPITAL AND SCHEDULED INDUSTRIES : 1955

size class of fixed capital (Rs. 000)	scheduled industries	National Sample Survey																					
		(1)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)
1. below — 10		2	10	15	-	-	1	6	18	6	10	6	11	5	5	10	-	8	48	25	2	8	196
2. 10 — 24		2	-	4	-	-	-	1	1	2	1	-	3	-	3	3	-	8	7	-	1	1	36
3. 25 — 49		1	4	13	-	-	-	2	3	3	1	-	3	1	8	5	-	17	16	-	2	2	79
4. 50 — 99		1	9	28	-	-	-	1	3	3	2	4	14	1	10	5	-	22	16	1	1	2	123
5. 100 — 149		1	2	11	-	-	-	4	4	4	2	2	9	2	6	5	-	11	8	-	3	3	66
6. 150 — 249		2	8	11	-	-	-	3	4	4	2	3	9	5	10	6	-	42	4	-	3	3	118
7. 250 — 349		1	5	7	-	-	-	2	1	-	9	3	16	7	5	-	-	3	15	2	-	1	78
8. 350 — 499		2	9	9	-	-	-	1	3	3	-	5	3	6	3	-	2	27	3	-	1	1	77
9. 500 — 749		2	5	3	-	-	-	2	-	4	3	3	12	4	3	2	-	5	10	1	-	4	63
10. 750 — 999		2	4	4	-	-	-	1	1	4	1	2	2	-	1	3	-	3	3	3	-	1	30
11. 1000 — 1499		2	4	3	-	-	-	1	1	2	1	4	6	5	1	2	-	3	4	-	1	1	42
12. 1500 — 1999		1	1	3	-	-	-	3	2	1	1	7	1	1	1	2	-	7	5	7	-	1	31
13. 2000 — 2499		1	2	1	-	-	-	1	1	1	3	2	2	5	-	-	-	10	3	3	1	1	28
14. 2500 — 3499		1	4	1	-	-	-	1	3	1	1	1	1	-	-	-	-	3	3	1	1	1	15
15. 3500 — 4999		1	1	1	-	-	-	1	1	1	1	1	1	-	-	-	-	3	3	-	1	1	9
16. 5000 — 7499		—	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17. 7500 — 9999		—	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18. 10000 — 12499		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19. 12500 — 14999		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20. 15000 — 19999		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21. 20000 — 24999		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22. 25000 and above		—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23. not reported		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24. total		16	75	116	1	2	19	32	41	47	39	104	35	64	44	6	50	215	83	11	25	1025	

'—' indicates 'no undertaking'.

TABLE (6.1) (Contd.) : DISTRIBUTION OF UNDERTAKINGS BY SIZE CLASS OF FIXED CAPITAL AND SCHEDULED INDUSTRIES : 1955

size class of fixed capital (Rs. 000)	scheduled industries	industry-wise classification of fixed capital																																																
		hurricane lanterns (31)			internal combustion engine (32)			power-driven pumps (33)			radio receivers (34)			sewing machine (35)			small tools (36)			hand tools (36a)			glass and ceramics (37)			dye-stuffs (38)			soap (39)			other toilet requisites (40)			plywood (41)			ferro-manganese (42)			sub-total			sub-total; page 1			sub total : page 2			all-industries
(1)		(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)	(57)	(58)	(59)	(60)																																
1. below — 10		1	7	10	2	—	4	7	15	9	6	—	—	—	61	231	126	488																																
2. 10 — 24		—	—	4	—	—	—	—	4	7	2	2	—	—	20	35	36	91																																
3. 25 — 49		1	1	2	—	—	—	2	12	2	4	—	—	—	27	48	79	154																																
4. 50 — 99		1	4	5	1	—	1	1	25	4	2	2	—	—	49	86	123	258																																
5. 100 — 149		—	2	—	—	—	—	3	20	4	1	—	—	—	41	53	66	160																																
6. 150 — 249		3	1	3	—	—	—	—	19	10	3	10	—	—	54	80	118	252																																
7. 250 — 349		2	—	1	—	2	—	—	—	6	2	6	—	—	43	41	78	162																																
8. 350 — 499		1	3	2	—	2	—	—	15	4	1	4	—	—	34	63	77	174																																
9. 500 — 749		1	2	—	—	1	—	—	17	2	1	1	—	—	24	67	63	154																																
10. 750 — 999		2	1	1	—	—	—	—	8	6	2	—	—	—	15	62	30	167																																
11. 1000 — 1499		—	—	1	1	—	—	—	11	4	1	1	—	—	14	120	42	176																																
12. 1500 — 1999		—	—	1	1	—	—	—	6	2	1	1	—	—	10	83	31	124																																
13. 2000 — 2499		—	—	1	—	1	—	—	22	—	—	—	—	—	5	63	28	96																																
14. 2500 — 3499		—	—	1	—	1	—	—	15	—	—	—	—	—	4	82	15	101																																
15. 3500 — 4999		—	—	1	—	1	—	—	20	—	—	—	—	—	2	71	9	82																																
16. 5000 — 7499		—	—	1	—	1	—	—	—	1	—	—	—	—	1	—	5	38	14																															
17. 7500 — 9999		—	—	1	—	1	—	—	—	3	—	—	—	—	1	—	1	23	9																															
18. 10000 — 12499		—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	10	2																																
19. 12500 — 14999		—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	1	5																																
20. 15000 — 19999		—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	4																																	
21. 20000 — 24999		—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	3																																	
22. 25000 and above		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6																																	
23. not reported		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3																																
24. total		13	23	30	10	3	10	17	181	3	54	22	42	2	410	1274	1025	2709																																

'—' indicates 'no undertaking'.

TABLE (6.2) : DISTRIBUTION OF UNDERTAKINGS BY SIZE CLASS OF INVESTED CAPITAL AND SCHEDULED INDUSTRIES : 1955

size class of invested capital (Rs. 000)	scheduled industries																						
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21) + (22)		
1. below — 10																						8	237
2. 10 — 24																					1	15	
3. 25 — 49																					2	21	
4. 50 — 99																					1	46	
5. 100 — 149																					1	33	
6. 150 — 249																					2	60	
7. 250 — 349																					3	56	
8. 350 — 499																				1	2	62	
9. 500 — 749																				1	1	53	
10. 750 — 999																				1	1	47	
11. 1000 — 1499																				1	1	75	
12. 1500 — 1999																				1	1	60	
13. 2000 — 2499																				1	1	54	
14. 2500 — 3499																				1	1	85	
15. 3500 — 4999																				1	1	92	
16. 5000 — 7499																				3	2	100	
17. 7500 — 9999																				3	1	52	
18. 10000—12499																				4	1	46	
19. 12500—14999																				3	1	27	
20. 15000—19999																				5	1	22	
21. 20000—24999																				1	1	12	
22. 25000 and above																				1	1	19	
23. not reported																				1	1	—	
24. total		1	9	182	9	9	1	14	125	8	481	84	62	20	139	52	22	—	22	7	27	1274	

'—' indicates 'no undertaking'.

TABLE (6.2) (Contd.) : DISTRIBUTION OF UNDERTAKINGS BY SIZE CLASS OF INVESTED CAPITAL AND SCHEDULED INDUSTRIES : 1955

size class of invested capital (Rs. 000)	scheduled industries																						
		(1)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)
1. below — 10			3	12	16	-	1	5	17	9	10	6	12	6	6	7	1	10	57	23	—	—	211
2. 10 — 24			1	-	-	-	-	2	3	1	1	-	-	-	-	-	-	1	4	5	—	—	22
3. 25 — 49			-	1	5	-	-	2	1	-	1	1	-	-	3	3	2	2	10	7	—	—	36
4. 50 — 99			-	4	12	-	-	-	1	2	-	-	3	1	5	-	1	10	13	—	—	—	—
5. 100 — 149			-	3	12	-	-	-	1	2	-	-	3	4	4	3	—	10	8	—	—	1	54
6. 150 — 249			1	5	21	-	-	-	3	3	1	5	7	2	10	6	-	18	12	1	1	1	51
7. 250 — 349			-	3	10	-	-	-	1	1	2	2	11	2	5	3	-	20	4	-	—	2	97
8. 350 — 499			2	5	11	-	-	-	2	1	2	2	6	8	10	1	2	2	25	3	—	—	68
9. 500 — 749			1	5	9	-	-	1	2	1	4	1	10	3	3	2	2	2	21	3	—	—	88
10. 750 — 999			2	8	1	-	-	1	1	2	4	1	10	5	4	6	-	12	1	—	—	—	60
11. 1000 — 1499			2	3	8	-	-	-	2	4	3	12	3	4	1	4	14	3	-	—	—	—	65
12. 1500 — 1999			2	2	-	-	-	-	1	3	-	6	3	1	2	-	5	4	4	1	—	—	30
13. 2000 — 2499			-	2	-	-	-	-	3	2	2	1	1	3	3	-	8	5	-	—	—	—	30
14. 2500 — 3499			1	8	3	-	-	-	2	1	2	2	10	1	3	2	-	6	4	-	—	—	45
15. 3500 — 4999			1	5	1	-	-	1	4	3	3	2	3	-	2	-	5	1	-	—	—	—	30
16. 5000 — 7499			-	1	5	1	-	-	2	1	3	4	3	4	-	1	-	3	-	2	1	2	29
17. 7500 — 9999			-	3	-	-	-	-	1	2	1	1	2	1	-	1	-	1	1	1	1	1	11
18. 10000 — 12499			-	1	1	-	-	-	1	1	4	3	2	2	-	1	-	1	1	1	1	1	6
19. 12500 — 14999			-	1	-	-	-	1	-	-	-	4	-	-	-	-	-	-	-	-	-	-	3
20. 15000 — 19999			-	2	-	-	-	1	-	-	1	2	-	-	1	-	-	-	-	-	-	-	6
21. 20000 — 24999			-	-	1	-	-	1	-	-	1	1	-	-	1	-	-	-	-	-	-	-	5
22. 25000 and above			-	1	-	-	-	1	-	1	2	1	-	-	2	-	-	-	-	-	-	-	8
23. not reported			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24. total		16	75	116	1	2	19	32	41	47	39	104	35	64	44	6	50	215	83	11	25	1025	sub-total (page 2)

'—' indicates 'no undertaking'.

TABLE (6.2) (Contd.) : DISTRIBUTION OF UNDERTAKINGS BY SIZE CLASS OF INVESTED CAPITAL AND SCHEDULED INDUSTRIES : 1955

'—' indicates 'no undertaking'.

TABLE (6.3) : DISTRIBUTION OF UNDERTAKINGS BY SIZE CLASS OF EMPLOYMENT AND SCHEDULED INDUSTRIES : 1955

size class of employment (actual number)	scheduled industries	aircraft (01)		arms and ammunition (02)		iron and steel (04)		mathematical instru- ments (05)		scientific instruments (5a)		motor, kerosene and synthetic oils (06)		ships and other vessels (07)		sugar (08)		telephone & telegraph apparatus (09)		textile : cotton (10a)		textile : jute (10b)		textile : woollen (10c)		textile : silk (10d)		textile : artificial silk (10e)		textile : staple fibres (10f)		automobiles (11)		tractors (11a)		cement (12)		electric lamps (13)		electric fans (13a)		sub-total (page 1)	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)																				
1.	1 — 9		1	8	21	3	1	—	3	8	4	56	8	24	14	27	36	7	—	—	—	—	6	227																			
2.	10 — 19		—	—	2	—	1	—	—	—	—	10	—	—	—	1	—	—	—	—	—	—	3	17																			
3.	20 — 39		—	—	14	—	2	—	1	—	—	6	—	7	2	7	6	1	—	—	—	—	2	48																			
4.	40 — 49		—	—	13	—	—	—	1	—	—	5	—	1	—	6	—	—	—	—	—	—	1	27																			
5.	50 — 74		—	—	28	2	1	—	2	—	—	13	—	2	—	22	2	1	—	—	—	—	3	76																			
6.	75 — 99		—	—	16	—	2	—	—	—	—	11	2	4	—	13	2	2	—	—	—	—	2	54																			
7.	100 — 149		—	1	13	1	—	—	—	—	—	13	1	2	—	15	3	—	—	—	—	—	2	1	52																		
8.	150 — 249		—	—	28	1	—	—	—	1	1	—	26	—	5	2	20	1	2	—	—	—	2	1	90																		
9.	250 — 349		—	—	14	—	—	—	—	1	1	1	12	—	4	—	8	2	1	—	—	2	1	1	48																		
10.	350 — 499		—	—	10	1	1	—	1	6	—	25	—	5	—	7	—	3	—	4	—	—	63																				
11.	500 — 749		—	—	7	—	—	—	—	27	—	40	2	3	—	8	—	—	—	5	2	2	96																				
12.	750 — 999		—	—	1	1	—	—	—	36	—	16	2	2	1	3	—	—	—	8	—	—	70																				
13.	1000—1499		—	—	4	—	—	—	2	37	—	53	10	—	—	—	—	—	—	—	2	—	1	109																			
14.	1500—1999		—	—	3	—	—	—	1	3	1	42	12	—	—	2	—	—	—	—	1	—	1	66																			
15.	2000—2499		—	—	1	—	—	—	—	2	—	41	11	1	—	—	—	—	—	—	—	—	—	56																			
16.	2500 and above		—	—	6	—	—	1	1	2	1	103	35	—	—	—	—	—	2	—	—	—	—	151																			
17.	not reported		—	—	1	—	1	—	—	2	1	9	1	2	1	—	—	3	—	—	—	3	24																				
18.	total		1	9	182	9	9	1	14	125	8	481	84	62	20	139	52	22	—	22	7	27	1274																				

'—' indicates 'no undertaking'.

TABLE (6.3) (Contd.) : DISTRIBUTION OF UNDERTAKINGS BY SIZE CLASS OF EMPLOYMENT AND SCHEDULED INDUSTRIES : 1955

size class of employment (actual number)	scheduled industries	electric motors (14)		heavy chemicals including fertilisers (15)		machinery boilers and steam equipment (16)		ball, rollers, tapered bearings (16a)		locomotives (17)		rolling stock (17a)		machine tools (18)		machinery and equipment for generation, transmission and distribution of electric energy (19)		non-ferrous metal including alloys (20)		paper including newsprint (21)		pharmaceuticals and drugs (22)		power and industrial alcohol (23)		rubber goods (24)		leather and leather goods (25)		glue and gelatine (26)		vanaspati (27)		vegetable oils (27a)		agricultural implements (28)		battery, dry cells, etc. (29)		bicycles (30)		sub-total (page 2)	
		(1)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)																				
1.	1 — 9		3	11	16	—	1	7	18	7	10	6	10	4	6	6	1	9	46	29	3	9	202																				
2.	10 — 19		1	1	6	—	—	—	4	1	—	—	3	1	1	—	1	1	7	9	—	—	—	36																			
3.	20 — 39		—	7	10	—	—	—	2	4	2	1	9	1	3	5	—	3	20	16	1	1	85																				
4.	40 — 49		—	5	8	—	—	1	—	1	—	3	6	4	4	2	—	6	16	7	1	1	65																				
5.	50 — 74		1	8	18	—	—	2	1	4	4	1	12	2	4	6	—	1	33	9	1	2	110																				
6.	75 — 99		1	7	17	—	—	—	1	3	1	4	18	4	4	7	1	2	24	3	—	1	98																				
7.	100 — 149		1	9	9	—	—	—	1	1	4	3	13	5	9	5	1	4	28	2	—	3	98																				
8.	150 — 249		4	9	13	—	—	1	2	5	10	5	13	5	12	3	1	12	17	4	2	3	121																				
9.	250 — 349		3	4	4	—	—	—	1	4	4	—	7	8	3	2	—	2	4	1	—	—	47																				
10.	350 — 499		1	5	4	—	—	1	—	5	4	2	4	1	6	3	—	5	5	—	—	1	47																				
11.	500 — 749		—	3	3	1	—	1	—	3	2	5	2	—	4	1	—	—	—	1	1	—	27																				
12.	750 — 999		—	—	2	—	—	—	—	1	—	4	—	1	1	—	—	—	—	—	1	2	12																				
13.	1000 — 1499		—	2	2	—	—	2	—	—	3	4	—	—	1	—	—	1	—	—	—	—	1	16																			
14.	1500 — 1999		—	1	—	—	—	1	—	1	—	1	—	—	1	—	—	—	—	—	—	—	1	1	7																		
15.	2000 — 2499		—	1	1	—	—	—	—	—	2	1	—	—	—	—	—	—	—	—	—	—	—	5																			
16.	2500 and above		—	—	—	—	1	2	1	—	—	2	—	—	2	2	—	1	—	—	—	—	—	—	11																		
17.	not reported		1	2	3	—	—	1	1	2	—	1	3	—	2	1	1	3	15	2	—	—	38																				
18.	total		16	75	116	1	2	19	32	41	47	39	104	35	64	44	6	50	215	83	11	25	1025																				

'—' indicates 'no undertaking'.

TABLE (6.3) (Contd.) DISTRIBUTION OF UNDERTAKINGS BY SIZE CLASS OF EMPLOYMENT AND SCHEDULED INDUSTRIES : 1955

size class of employment (actual number)	scueduled industries																			
		(1)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)	(57)	(58)	(59)	(60)	
1.	1 — 9		1	7	16	2	—	5	9	14	1	11	6	1	—	73	277	202	502	
2.	10 — 19		—	—	2	—	—	—	—	2	—	10	5	2	—	21	17	36	74	
3.	20 — 39		3	1	—	—	—	1	—	2	1	10	5	4	—	27	48	85	160	
4.	40 — 49		—	—	1	1	—	—	1	1	—	—	—	2	—	11	27	65	103	
5.	50 — 74		—	3	1	1	—	—	3	11	1	2	4	6	—	28	76	110	214	
6.	75 — 99		1	1	—	1	1	1	2	18	1	3	—	1	36	54	98	188		
7.	100 — 149		4	1	2	3	—	—	1	22	—	3	1	10	—	47	52	98	197	
8.	150 — 249		2	3	—	1	1	—	—	35	—	4	2	6	1	55	90	121	266	
9.	250 — 349		3	—	2	1	—	—	—	15	—	—	—	1	—	22	48	47	117	
10.	350 — 499		—	2	—	—	—	—	—	34	—	1	—	3	—	41	63	47	151	
11.	500 — 749		—	1	—	—	—	—	—	15	—	1	—	1	—	18	96	27	141	
12.	750 — 999		1	—	—	—	—	—	—	4	—	1	—	—	—	6	70	12	88	
13.	1000—1499		—	—	—	—	—	—	—	1	—	—	—	—	—	1	109	16	126	
14.	1500—1999		—	—	—	—	—	—	—	1	—	1	—	—	—	2	66	7	75	
15.	2000—2499		—	—	—	—	—	—	—	1	—	—	—	—	—	1	56	5	62	
16.	2500 and above		—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	151	11	163
17.	not reported		2	5	1	1	1	1	1	5	—	4	—	2	—	20	24	38	82	
18.	total		13	23	30	10	3	10	17	181	3	54	22	42	2	410	1274	1025	2709	

'—' indicates 'no undertaking'.

TABLE (6.4) : DISTRIBUTION OF UNDERTAKINGS BY SIZE CLASS OF OUTPUT AND SCHEDULED INDUSTRIES : 1955

size class of output (Rs. 000)	scheduled industries	aircraft(01)		arms and ammunition (02)		iron and steel (04)		mathematical instruments (05)		scientific instruments (5a)		motor, kerosene and synthetic oils (06)		ships and other vessels (07)		sugar (08)		telephone & telegraph apparatus (09)		textile : cotton (10a)		textile : jute (10b)		textile : woollen (10c)		textile : silk (10d)		textile : artificial silk (10e)		textile staple fibres (10f)		automobiles (11)		tractors (11a)		cement (12)		electric lamps (13)		electric fans (13a)		sub-total (page 1)	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)																				
1. below — 10			1	8	18	3	1	—	3	9	5	53	8	23	13	27	35	7	—	—	—	—	—	7	221																		
2. 10 — 24			—	—	1	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—	—	1	4																		
3. 25 — 49			3	—	1	—	—	—	—	—	5	—	2	—	—	—	—	—	—	—	—	—	—	2	16																		
4. 50 — 99			6	1	2	—	—	—	—	—	4	—	1	—	—	—	—	—	—	—	—	—	—	—	17																		
5. 100 — 149			7	1	2	—	—	—	—	—	8	—	1	—	—	—	—	—	—	—	—	—	—	—	24																		
6. 150 — 249			8	—	1	—	—	—	—	—	6	—	2	—	—	—	—	—	—	—	—	—	—	—	35																		
7. 250 — 349			13	1	—	—	—	—	—	—	7	—	1	—	—	—	—	—	—	—	—	—	—	—	32																		
8. 350 — 499			10	—	2	—	—	—	—	—	9	1	3	—	—	—	—	—	—	—	—	—	—	—	39																		
9. 500 — 749			22	—	—	—	—	—	—	—	9	2	4	—	—	—	—	—	—	—	—	—	—	—	64																		
10. 750 — 999			17	1	—	—	—	—	—	—	16	—	—	—	—	—	—	—	—	—	—	—	—	—	52																		
11. 1000 — 1499			21	—	—	—	—	—	—	—	20	—	3	—	—	—	—	—	—	—	—	—	—	—	65																		
12. 1500 — 1999			10	2	—	—	—	—	—	—	15	—	3	1	8	—	—	—	—	—	—	—	—	—	43																		
13. 2000 — 2499			7	—	—	—	—	—	—	—	12	—	4	1	10	1	—	—	—	—	—	—	—	—	37																		
14. 2500 — 3499			9	—	—	—	—	—	—	—	23	2	1	—	5	—	—	—	—	—	—	—	—	—	47																		
15. 3500 — 4999			3	—	—	—	—	—	—	—	41	5	3	—	8	—	—	—	—	—	—	—	—	—	79																		
16. 5000 — 7499			6	—	—	—	—	—	—	—	2	31	2	44	7	7	—	5	—	—	—	—	—	—	110																		
17. 7500 — 9999			7	—	—	—	—	—	—	—	19	—	31	10	1	—	—	—	—	—	—	—	—	—	70																		
18. 10000 — 12499			4	—	—	—	—	—	—	—	15	1	33	11	—	—	—	—	—	—	—	—	—	—	73																		
19. 12500 — 14999			1	—	—	—	—	—	—	—	12	—	35	8	1	—	—	—	—	—	—	—	—	—	60																		
20. 15000 — 19999			2	—	—	—	—	—	—	—	11	—	37	14	—	—	—	—	—	—	—	—	—	—	67																		
21. 20000 — 24999			2	—	—	—	—	—	—	—	3	—	29	4	—	—	—	—	—	—	—	—	—	—	42																		
22. 25000 and above			4	—	—	—	—	—	—	—	33	11	—	—	1	—	—	—	—	—	—	—	—	—	57																		
23. not reported			1	—	—	—	—	—	—	—	2	—	9	1	2	1	—	—	—	—	—	—	—	—	1	20																	
24. total		1	9	182	9	9	1	14	125	8	481	84	62	20	139	52	22	—	22	7	27	1274																					

'—' indicates 'no undertaking'.

TABLE (6.4) (Contd.) : DISTRIBUTION OF UNDERTAKINGS BY SIZE CLASS OF OUTPUT AND SCHEDULED INDUSTRIES : 1955

size class of output (Rs. 000)	scheduled industries	(1)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)
1. below — 10			3	11	15	—	1	6	16	6	11	7	10	4	6	4	1	10	48	25	3	9	196
2. 10 — 24			1	1	1	—	—	—	1	1	—	—	2	1	1	—	—	2	2	6	—	—	17
3. 25 — 49			—	1	4	—	—	2	3	—	—	1	1	1	1	1	—	—	2	4	—	—	22
4. 50 — 99			—	—	9	—	—	—	—	3	—	—	1	1	—	—	—	—	—	—	—	—	—
5. 100 — 149			2	1	3	10	—	—	2	2	—	—	2	2	2	2	1	1	1	1	1	1	30
6. 150 — 249			2	7	15	—	—	—	3	—	—	3	3	2	3	2	2	2	3	3	3	6	34
7. 250 — 349			—	6	10	—	—	—	4	—	—	2	8	2	6	2	2	—	3	8	4	—	59
8. 350 — 499			—	2	11	—	—	—	3	2	1	10	—	8	5	—	—	3	9	4	—	—	62
9. 500 — 749			1	6	13	—	—	1	1	3	1	1	13	6	3	5	—	—	15	4	—	1	74
10. 750 — 999			—	5	6	—	—	1	2	3	3	3	10	7	2	1	6	2	2	2	2	2	55
11. 1000 — 1499			5	6	8	—	—	1	1	3	2	1	12	5	5	4	—	1	1	1	1	1	55
12. 1500 — 1999			1	2	3	—	—	1	—	2	5	2	8	1	9	3	2	15	19	2	2	2	77
13. 2000 — 2499			1	7	3	—	—	1	—	3	1	3	4	2	4	4	1	11	—	—	—	—	45
14. 2500 — 3499			—	3	2	—	—	—	—	3	2	9	—	1	3	—	2	17	—	—	—	—	42
15. 3500 — 4999			—	3	1	1	1	—	4	2	1	6	—	2	2	—	2	16	—	1	—	—	41
16. 5000 — 7499			1	5	1	—	—	2	—	3	6	1	6	—	2	2	—	4	8	1	2	—	44
17. 7500 — 9999			—	1	1	—	—	1	—	4	1	1	—	—	1	—	—	4	7	1	1	—	20
18. 10000 — 12499			—	3	1	—	—	1	—	2	1	2	—	1	—	—	4	5	—	—	1	1	21
19. 12500 — 14999			—	—	—	—	—	1	—	1	1	—	—	—	—	—	4	3	—	—	2	—	12
20. 15000 — 19999			—	2	1	—	—	—	1	—	2	2	1	—	—	2	—	1	—	—	1	—	12
21. 20000 — 24999			—	1	—	—	—	1	—	1	—	2	—	—	2	—	2	—	1	—	—	1	10
22. 25000 and above			—	—	—	—	1	2	—	2	2	1	1	—	3	—	—	1	—	—	—	—	15
23. not reported			1	2	1	—	—	—	1	1	1	2	—	2	1	1	3	10	2	—	—	—	28
24. total			16	75	116	1	2	19	32	41	47	39	104	35	64	44	6	50	215	83	11	25	1025

'—' indicates 'no undertaking'.

TABLE (6.4) (Contd.) : DISTRIBUTION OF UNDERTAKINGS BY SIZE CLASS OF OUTPUT AND SCHEDULED INDUSTRIES : 1955

size class of output (Rs. 000)	scheduled industries																			
		(1)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)	(57)	(58)	(59)	(60)	
1. below — 10			1	7	14	2		4	9	15		7	5	1		65	221	196	482	
2. 10 — 24			-	1	2	1		-	-	3		4	-	-		11	4	17	32	
3. 25 — 49				2				1	1	1		2				7	16	22	45	
4. 50 — 99					1	1				5										
5. 100 — 149						1		1		13										
6. 150 — 249			1	2	-		1	1	2	21										
7. 250 — 349			2	2	1	-				18										
8. 350 — 499			2	1	2	1		1	1	23										
9. 500 — 749			2	2	-	1		1		21										
10. 750 — 999			-			2				18										
11. 1000 — 1499			4	2	-	1		1		13										
12. 1500 — 1999			3					1		10										
13. 2000 — 2499					1	1				3										
14. 2500 — 3499					1	1				4										
15. 3500 — 4999					1	1				5										
16. 5000 — 7499										1							1	110	44	155
17. 7500 — 9999										2							6	70	20	96
18. 10000—12499																	1	73	21	95
19. 12500—14999							1										2	60	12	74
20. 15000—19999																	1	67	12	80
21. 20000—24999																	42	10	52	
22. 25000 and above																	2	57	15	74
23. not reported			-	2	5	-	-	-	1	5	-	4	-	2	-	19	20	28	67	
24. total			13	23	30	10	3	10	17	181	3	54	22	42	2	410	1274	1025	2709	

'—' indicates 'no undertaking'.

APPENDIX II
FACSIMILE OF THE SCHEDULES OF INVESTIGATION
GOVERNMENT OF INDIA NATIONAL SAMPLE SURVEY
Establishment Schedule : Manufacturing Industries, 1956
(Reference period 1955)

[1] identification code		[2] geographical location	[3] operation details		
1. state		1. district	1. perennial/seasonal 1/2		
2. industry (C.M.I.)		2. tehsil/thana	2. if seasonal, normal season		
3. industry (S.I.)		3. town	3. months of operation in 1955		
4. zone		4. post office	4. year of start of manufacture		
5. stratum		5. name of factory	5. date of closing yearly accounts		
6. scheme		6. type of ownership			
7. sub-sample		7. type of management			
8. sample unit no.					

[4] capital structure					
sr. no.	item	value (Rs.) as on		depreciation charges for the year (Rs.)	rent paid during the year (Rs.)
		1-1-55/.....	31-12-55/.....		
(0)	(1)	(2)	(3)	(4)	(5)
1.	land			x	
2.	building				
3.	sub-total-1 = (1+2)				
4.	plant and machinery				
5.	furniture				
6.	transport equipment				
7.	other fixed assets				
8.	sub-total-2 = (5+6+7)				
9.	total fixed capital : sub-total 3 = (3+4+8)				
10.	raw materials, fuels, etc.				
11.	finished products				
12.	semi-finished and partly finished products				
13.	cash in hand and at bank				
14.	sundry debtors				
15.	sundry creditors				
16.	balance (14 minus 15)				
17.	total working capital: sub-total-4=(10 to 13&16)				
18.	total invested capital=(9+17)				

[5] duration of work during Jan.-Dec. 1955					
sr. no.	item				
(0)	(1)	(2)	(3)	(4)	(5)
1.	no. of working days				
2.	shifts per day (0.0)				
3.	length of shift (hrs.0.0)				
4.	total no. of shifts worked during the year				

[6] labour employed and their emoluments during Jan.-Dec. 1955					
sr. no.	item	total man-hours	average no. per working day	salaries, wages and other emoluments (Rs.)	
(0)	(1)	(2)	(3)	(4)	
1.	men				
2.	women				
3.	children (abive 14, below 18)				
4.	sub-total-1 = (1+2+3)				
5.	workers employed through contractors	x	x		
6.	sub-total-2 = (4+5)	x			
7.	supervisory and managerial staff	x			
8.	other employees	x			
9.	employees for providing individual and group benefits [8.5.7. + 9.2.9] for col. 3 & [8.6.7 + 9.3.9] for col. 4	x			
10.	total = (6+7+8+9)	x			
11.	contribution to funds (provident funds, social insurance, etc.)	x	x		
12.	contribution to pensions, gratuity, compensation, etc.	x	x		

National Sample Survey

Page 2

[7] Employment: change in volume over four quarters in 1955

sr. no.	item	strength (no.) as per rolls on				average no. employed per working day during			
		1-1-55	1-4-55	1-7-55	1-10-55	Jan.- March	April- June	July- Sept.	Oct.- Dec.
(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1.	workers employed directly								
2.	workers employed through contractors								
3.	sub-total—1 = (1)+(2)								
4.	supervisory and managerial staff								
5.	rest of the employees								
6.	sub-total—2 = (4)+(5)								
7.	total = (3)+(6)								

[8] Individual benefit during Jan.—Dec. 1955

sr. no.	type of benefit	no. of employees benefited			salaries & wages (Rs.)	other (net) expenses (Rs.)			total (Rs.)
		workers	others	total		workers	others	total	
(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1.	housing								
2.	transport								
3.	creche								
4.									
5.									
6.									
7.	total								

[9] Group benefits during Jan.—Dec. 1955

sr. no.	type of benefit	no. of workers engaged	salaries & wages (Rs.)	other (net) expenses (Rs.)	total (3)+(4) (Rs.)	ar. no.	item	unit	produced in 1955		consumed in 1955		
									workers	others			
(0)	(1)	(2)	(3)	(4)	(5)	(6)	(0)	(1)	(2)	(3)	(4)	(5)	(6)
1.	canteen					1.	electricity*	k.w.h.					
2.	school					2.	water (gala.)	1000					
3.	club					3.	coal gas (cft.)	1000					
4.	reading room & library					4.							
5.	co-operative stores					5.							
6.	medical					6.							
7.						7.							
8.						8.							
9.	total					9.	total						

[10.2] Intermediate products (other than fuels, etc.) produced during Jan.—Dec. 1955

sr. no.	item	unit	stock on 1-1-55	produced in 1955	consumed in 1955		stock on 31-12-55
					quantity	value (Rs.)	
(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.							
2.							
3.							
4.							
5.							
6.							
7.							
8.	total						

[11] Particulars of investigator, etc.

1. investigator's name.....
2. date : (i) first visit..... (ii) final visit..... 4. no. of visits.....
5. signature.....
6. date.....
7. date of scrutiny..... 8. signature of scrutineer..... 9. date.....
10. countersignature of A.D..... date..... date of despatch.....

Sample Survey of Manufacturing Industries 1955(1)

[12] raw materials, chemicals, packing materials, etc., consumed during Jan.-Dec. 1955 (excluding products made by the factory)				[13] products, by-products and subsidiary products during Jan.-Dec. 1955 (excluding intermediate products)					
sr. no.	item	unit	quantity	value (Rs.)	sr. no.	item	unit	quantity	value (Rs.)
(0)	(1)	(2)	(3)	(4)	(0)	(1)	(2)	(3)	(4)
1.					1.				
2.					2.				
3.					3..				
4.					4..				
5.					5..				
6.					6..				
7.					7..				
8.					8..				
9.					9..				
10.					10..				
11.					11..				
12.					12..				
13.					13..				
14.					14..				
15.	others		×	×	15..				
16.	sub-total-1=(1 to 15)		×	×	16..				
17.					17..				
18.					18..	others		×	×
19.					19..	sub-total-1=(1 to 18)		×	×
20.					20..				
21.					21..				
22.					22..				
23.					23..				
24.	others		×	×	24..				
25.	sub-total-2=(17 to 24)		×	×	25..				
26.					16..				
27.					27..				
28.					28..				
29.					29..	others		×	×
30.					30..	sub-total-2=(20 to 29)		×	×
31.					31..				
32.					32..				
33.					33..				
34.	others		×	×	34..				
35.	sub-total-3=(26 to 34)		×	×	35..				
36.					36..				
37.					37..				
38.					38..				
39.					39..				
40.	others		×	×	40..				
41.	sub-total-4=(36 to 40)		×	×	41..				
42.	transport charges not included in cost of input materials		×	×	42..	others		×	×
43.	total=(16+25+35+41+42)		×	×	43..	sub-total-3=(31 to 42)		×	×
					44..	total=(19+30+43)		×	×

National Sample Survey

page 4

[14] fuels, lubricant and electricity consumed during Jan.—Dec. 1955 (excluding products made by the establishment)					[15] total input during Jan.—Dec., 1955				
sr. no.	item	unit	quantity	value (Rs.)	sr. no.	item		value (Rs.)	
(0)	(1)	(2)	(3)	(4)	(0)	(1)	(2)		
1.	coal	ton			1.	materials consumed in manufacture (12.4.43 & 14.4.14)			
2.	coke	ton			2.	materials consumed and other expenses for repair & maintenance			
3.	coal gas	1000 cft.			3.	expenses for group and individual benefits (8.9.7 & 9.4.9)			
4.	firewood	ton			4.	sub-total-1=(1 to 3) <i>work done by other concerns on :-</i>			
5.	charcoal	ton			5.	repair and maintenance			
6.	petroleum & motor spirit	gallon				manufacturing processes (describe)			
7.	synthetic petro l	gallon			6.	(a)			
8.	other fuel oil	gallon			7.	(b)			
9.	lubricating oil	gallon			8.	(c)			
10.	industrial & power alcohol	gallon			9.	(d) others			
11.	electricity	k.w.h.			10.	sub-total-2=(6 to 9)			
12.	water (purchased)	1000 gals			11.	sub-total-3=(4+5+10)			
13.	others	x	x		12.	postage & stationery			
14.	total =	x	x		13.	printing service			

[16] total output during Jan.—Dec. 1955									
sr. no.	item		value (Rs.)						
(0)	(1)		(2)						
1.	value of production of goods (13.4.44)								
	work done for other concerns on :-								
2.	repair and maintenance								
	manufacturing processes (describe)								
3.	(a)								
4.	(b)								
5.	(c)								
6.	(d) others								
7.	sub-total=(3 to 6)								
8.	total=(1+2+7)								

[17] trend of production and possibilities under existing fixed capital equipment									
sr. no.	item	unit	actuals			maximum possible under ideal conditions (per year)	p.c. of col. (5) to col. (6)	reasons (describe)	
			last year (1955)	year before last (1954)	average over last five years (1951-55)				
(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1.	shifts per day	no.							
2.	no. of working days	no.							
3.	no. of workers per working day	no.							
	major products :								
4.	quantity								
5.	value	Rs.							
6.	quantity								
7.	value	Rs.							
8.	quantity								
9.	value	Rs.							
10.	quantity								
11.	value	Rs.							
12.	quantity								
13.	value	Rs.							
14.	quantity								
15.	value	Rs.							