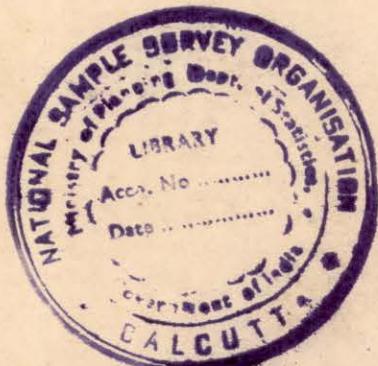


THE NATIONAL SAMPLE SURVEY

NUMBER 55

REPORT ON SAMPLE SURVEY OF MANUFACTURING INDUSTRIES : 1954(2) EXPLORATORY SURVEY OF SCHEDULED INDUSTRIES



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The report was prepared by K. K. Kar and B. Bhattacharyya with the assistance of S. Basu Roy and under the guidance of Mohanlal Ganguly.

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N.B. 'S.I. number' in different tables refers to scheduled industry classification, *vide* The First Schedule to the Industries (Development and Regulation) Act, 1951.

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REPORT ON

SAMPLE SURVEY OF MANUFACTURING INDUSTRIES : 1954(2) EXPLORATORY SURVEY OF SCHEDULED INDUSTRIES

*This report entitled "Sample Survey of Manufacturing Industries : 1954 (2)" 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 Government are not responsible for the views expressed in the report.**

INTRODUCTION

1. The Industries (Development and Regulation) Act of 1951 (Act 65 of 1951) is an offshoot of the industrial policy statement made in 1948. In the light of the policy, then laid down, the Government of India was to plan the development of industries regarding over-investment in lines already overcrowded while filling up the lacunae in respect of industries vital to the economy of the country.
2. The Act enables the Central Government to require the undertakings producing or planning to produce the specified products to obtain licences. The Central Government is further empowered to intervene in the management of these licensed undertakings in the interest of the nation, should any occasion demand such an intervention. The Act further envisages the establishment of development councils for stimulating the development of specified industries. The Act thus paves the way for the growth of a planned economy in the industrial sphere.

3. *Industrial undertakings—Definition :* The first schedule of the Act specifies industries coming within the operation of this Act. They are called scheduled industries. Any concern going on with production of any of the specified products is required to get itself registered under the Act. Any concern contemplating such production would have to obtain a licence a priori under the provisions of this Act. It would be called an industrial undertaking. Further, the Act requires all substantial expansion of the units, already registered, to be done after obtaining a licence as in the case of a new undertaking.

4. Definition of the term "industrial undertaking" would perhaps call for a certain probe. An industrial undertaking relating to a scheduled industry may pertain to one or more factories to have the desired production. The overall criteria

* The draft report (No. D. 59) was submitted to the government of India in March 1960.

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laid down for enlistment of factories, registered or licensed, are (i) employment of 50 workers or more on any working day of the preceding 12 months, when using power ; (ii) similar employment of 100 workers or more when working without any power. Obviously, all factories registered under the Factories Act of 1948 would not fall in these categories.

5. There is another problem in the approach of the subject. Industrial statistics is usually collected on what is known as the "establishment approach". A factory is surveyed as a total unit. Major, minor as well as subsidiary products would come in for enumeration in the same breath. But the Industries (Development and Regulation) Act directs towards the "products approach". In short, industrial units producing the specified products come to be enumerated severally, even if the products are major or minor or subsidiary.

6. It would thus be clear that a statistical survey on the line of this product approach is fraught with various complications. The major complication lies in the diversification of the production forum in respect of a particular output when it comes to be produced through a number of manufacturing units under the same management. In full awareness of these complications it was decided to hold an exploratory survey of a certain number of scheduled industries in order to appreciate fully all the problems that might arise in connection with a statistical survey. With this end in view the, fourth round of the Sample Survey of Manufacturing Industries for the year 1954 was conducted in respect of only a few of the industries specified in the schedule. No specific priority was attached to this survey. Roughly speaking, the survey took place during 1956 with the calendar year 1954 as reference period.

7. Three types of production units are envisaged in the Act : (i), those manufacturing the product already; (ii), those planning to produce the product and taking necessary steps therefor ; (iii), those already in production but planning to expand the productive capacity. From the survey point of view the item (i) poses no problem; the item (iii) might include those listed under (i) as well as those formerly small enough not to be in the picture but by virtue of their plan of expansion come within the purview of the Act. The greatest problem is in respect of item (ii). It might be that a concern has obtained a licence but has not yet started production ; or, what is more, the whole thing might be just in contemplation without taking any concrete shape. So in such cases only data on capital structure could be collected if any investment was already done.

8. In a number of cases the investigator came across an establishment manufacturing a number of articles appearing under two or more products mentioned in the 'schedule'. The balance sheet of the company showed a consolidated picture in the valuation of the assets and no divisions were found as between the units helping to produce the different S. I. products. This gave rise to a very tricky position in as much as the production in any particular line when adjusted against the entire capital structure was found to be much too small to justify the employment of the

latter. In such cases the difficulty was partly solved by enjoining submission of consolidated schedules from the 5th round of the survey. But except where the problem assumed an insoluble dimension for the investigator, the investigator in every case tried to allocate the assets for the different specific productions coming out of the same establishment and thus tried to maintain a harmony between the capital structure and the productions as noted. This allocation was made on the basis of the gross value of the specific products.

9. As mentioned earlier, the survey of scheduled industries carried out along with the fourth round of Sample Survey of Manufacturing Industries has been more or less exploratory. On the date of the survey there were 55 classifications of scheduled industries. Out of them only 36 were selected for investigation where the number of undertaking was relatively small. The total number of establishments falling under the 36 classifications was 607. The same schedule that was used for the SSMI survey of establishments was also used for the survey of the scheduled industries. A facsimile of the schedule is annexed for ready reference.

10. The term 'industrial undertaking' has already been defined in para 3 above. Major concepts used in this report are also defined below :

(i) *Invested capital* : Book values were taken as found on the opening date, which was generally expected to be the 1st January, 1954. In case the accounting year followed by the establishment was different, the one that was followed had been accepted for this purpose, subject to the proviso that the date in question must lie within a range of six months on either side from the expected date.

(ii) *Number of employees* : The average number of persons attending comprised all the staff in the category of labourers, who were connected with the manufacturing process as well as the establishment and supervisory personnel.

(iii) *Payment to employees* : Salaries and wages as well as other benefits were included.

(iv) *Value of input* : It consisted of values of (1) raw materials and fuels consumed in manufacture and materials including spare parts used for current repairs ; (2) work done by others on repairs and maintenance as well as manufacturing process ; (3) transport charges not included in item (1) above ; (4) personal or institutional services, not included in aforesaid items, like printing, insurance, purchasing agency, auditing, etc. consumed by the factory for carrying on its manufacturing activities, and lastly (5) all impositions on account of local rates and trade licences as well as duties, cesses and taxes on purchases which were not included in the cost of materials.

Output : Ex-factory value of manufactures and services rendered to customers exclusive of excise duties and other taxes was considered.

As already mentioned, in most of the cases data on different items could not be obtained readily and allocation was done on the basis of gross value of output.

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11. Table (1.1) presents the distribution of these undertakings by industries. Column 4 of this table presents the percentages of the undertakings belonging to the different industries.

12. Table (1.2) shows the distribution of undertakings by states and the corresponding percentage distribution of undertakings going to the different states.

13. Table (1.3) is an attempt to give these undertakings by states as well as by industries. In respect of the industries taken up for the survey this table shows the spread of industrial units throughout India.

14. Table (2.1) gives a record of undertakings which could not be surveyed, arranged according to the different industries.

15. Table (2.2) gives similarly the distribution of undertakings that are not surveyed, arranged statewise. It will be found that the casualties are large in cases of West Bengal and Bombay because both of them practically enjoys a lion's share of the undertakings.

16. Table (3) gives very interesting figures in respect of the total number of undertakings taken up for the survey, those that were actually surveyed, value of invested capital used, total number of employees found in the register, payments made to the employees as their remunerations, value of input and the value of output, all noted according to the industries surveyed.

17. Table (4) records results in respect of the items mentioned in Table (3), given statewise.

18. Table (5) has been an attempt to give the estimates of value of invested capital, value of output, total number of persons employed, remuneration paid to them and the value of total input in respect of industries falling within the respective jurisdiction of the different states in India.

19. Table (6.1) gives the distribution of undertakings by size class of capital invested arranged according to the classification of the scheduled industries.

20. Table (6.2) records the distribution of undertakings by size class of number of employees given according to the classification of the scheduled industries surveyed.

21. Table (6.3) gives a similar distribution of undertakings by size class of output arranged according to the classification of the scheduled industries selected.

22. It might be of some interest to note that the marginal percentages regarding Tables (6.1), (6.2) and (6.3) have been presented in Tables numbering 6.1.1., 6.2.1 and 6.3.1 to show the distribution at a glance.

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TABLE 1.1 : DISTRIBUTION OF UNDERTAKINGS BY INDUSTRY (S.I), 1954

industry description	serial number	number of undertakings	percentage
(1)	(2)	(3)	(4)
1. aircraft	01	1	0.16
2. mathematical, surveying and drawing instruments	05	6	0.99
3. scientific instruments	05a	9	1.48
4. motor, kerosene and synthetic oils	06	1	1.16
5. ships and other vessels	07	13	2.14
6. telephone, telegraph, wireless apparatus	09	7	1.15
7. automobiles	11	26	4.29
8. tractors	11a	1	0.16
9. cement	12	26	4.29
10. electric lamps	13	7	1.15
11. electric fans	13a	23	3.79
12. electric motors	14	14	2.32
13. ball, rollers and tapered bearings	16a	1	0.16
14. locomotives	17	2	0.32
15. rolling stock	17a	19	3.13
16. machine tools	18	24	3.96
17. machinery for generation of electric energy	19	38	6.26
18. non-ferrous metal alloys	20	46	7.59
19. paper including newsprints	21	37	6.10
20. power and industrial alcohol	23	34	5.61
21. leather, leather goods, pickers, etc.	25	43	7.09
22. glue and gelatine	26	5	0.82
23. vanaspati	27	57	9.39
24. batteries, dry cells, storage	29	14	2.32
25. bicycles	30	17	2.80
26. hurricane lanterns	31	13	2.14
27. internal combustion engine	32	16	2.64
28. power-driven pumps	33	13	2.14
29. radio receivers	34	8	1.32
30. sewing machines	35	3	0.48
31. knitting machines	35a	1	0.16
32. small tools	36	4	0.64
33. hand tools	36a	5	0.81
34. dye-stuffs	38	3	0.48
35. soap	39	52	8.58
36. toilet requisites	40	18	2.98
37. total		607	100.00

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TABLE 1.2 : DISTRIBUTION OF UNDERTAKINGS BY STATE,* 1954

Name of State (1)	number of undertakings (2)	percentage (3)
1. Andhra	20	3.34
2. Assam	1	0.16
3. Bihar	25	4.12
4. Bombay	160	26.41
5. Orissa	3	0.48
6. Punjab	23	3.92
7. Madhya Pradesh	21	3.46
8. Madras	60	9.88
9. Uttar Pradesh	60	9.88
10. West Bengal	159	26.19
11. Kerala	12	1.98
12. Mysore	33	5.36
13. Rajasthan	7	1.15
14. Delhi	23	3.79
15. Himachal Pradesh	—	—
16. total	607	100.00

*N.B. States, as after re-organisation.

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TABLE 1.3 : DISTRIBUTION OF UNDERTAKINGS BY STATE X INDUSTRY (S.I.), 1954

industry	description	serial number	state														Total
			Andhra	Assam	Bihar	Bombay	Orissa	Punjab	M. Pradesh	Madras	U. Pradesh	W. Bengal	Kerala	Mysore	Rajasthan	Delhi	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	
1. aircraft		01	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
2. mathematical, surveying and drawing instruments		05	1	-	-	1	-	-	-	1	2	1	-	-	-	-	6
3. scientific instruments		05a	-	-	-	1	-	2	-	1	2	2	-	-	-	-	9
4. motor, aviation fuel, kerosene, crude and synthetic oils		06	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
5. ships and other vessels		07	1	-	-	4	-	-	-	-	-	6	2	-	-	-	13
6. telephones, telegraph and wireless apparatus		09	-	-	-	1	-	-	1	-	-	4	-	1	-	-	7
7. automobiles		11	2	-	-	9	-	-	-	8	-	4	-	3	-	-	26
8. tractors		11a	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1
9. cement		12	2	-	5	4	1	2	2	4	1	-	1	2	2	-	26
10. electric lamps		13	-	-	1	1	-	-	-	-	1	3	-	1	-	-	7
11. electric fans		13a	-	1	-	6	-	2	-	-	1	12	-	-	-	2	23
12. electric motors		14	-	-	-	4	-	-	-	2	-	6	-	2	-	-	14
13. ball, roller and tapered bearings		16a	-	-	-	1	-	-	-	-	-	-	-	1	-	-	1
14. locomotives		17	-	-	1	-	-	-	-	-	-	1	-	-	-	-	2
15. rolling stock		17a	1	-	1	1	-	-	1	1	-	13	-	1	-	-	19
16. machine tools		18	-	-	1	4	-	4	1	-	-	10	-	2	-	2	24
17. machinery for generation, distribution, etc. of electricity		19	-	-	1	14	-	-	-	2	-	15	1	2	1	2	38
18. non-ferrous metal alloys		20	-	-	3	19	-	2	-	3	-	11	-	4	2	2	46
19. paper including newsprint		21	2	-	1	11	1	-	3	1	5	10	1	2	-	-	37
20. power and industrial alcohol		23	3	-	4	4	-	2	1	2	13	3	1	-	1	-	34
21. leather and leather goods		25	2	-	2	9	-	1	-	13	13	2	-	1	-	-	43
22. glue and gelatine		26	-	-	-	3	-	-	1	1	-	-	-	-	-	-	5
23. vanaspati		27	5	-	2	16	1	2	3	7	5	9	1	4	-	2	57
24. batteries, dry cells, storage, etc.		29	-	-	-	3	-	-	-	2	-	5	-	2	-	2	14
25. bicycles		30	-	-	-	3	-	-	-	1	6	4	-	-	-	3	17
26. hurricane lanterns		31	-	-	1	1	-	-	1	-	2	5	-	-	-	3	13
27. internal combustion engine		32	-	-	-	4	-	2	1	2	3	-	2	1	-	1	16
28. power-driven pumps		33	-	-	-	7	-	-	-	2	-	4	-	-	-	-	13
29. radio receivers		34	-	-	1	4	-	-	-	-	-	2	-	1	-	-	8
30. sewing machines		35	-	-	-	-	-	1	-	-	-	2	-	-	-	-	3
31. knitting machines		35a	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
32. small tools		36	-	-	-	3	-	-	-	-	-	1	-	-	-	-	4
33. hand tools		36a	-	-	-	-	-	-	-	-	-	1	-	1	-	-	5
34. dye-stuffs		38	-	-	-	2	-	-	-	-	-	-	-	-	-	1	3
35. soap		39	1	-	1	12	-	2	6	5	5	13	3	2	-	2	52
36. toilet requisites		40	-	-	-	9	-	-	-	-	1	8	-	-	-	-	18
37. total			20	1	25	160	3	23	21	60	60	159	12	33	7	23	607

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TABLE 2.1 : DISTRIBUTION OF UNDERTAKINGS 'NOT SURVEYED' BY INDUSTRY (S.I.), 1954

industry description	serial number	number of undertakings	percen- tage
(1)	(2)	(3)	(4)
1. aircraft	01	1	3.45
2. mathematical, surveying and drawing instruments	05	1	3.45
3. scientific instruments	05a	—	—
4. motor, kerosine and synthetic oils	06	—	—
5. ships and other vessels	07	1	3.45
6. telephone, Telegraph and wireless apparatus	09	—	—
7. automobiles	11	4	13.79
8. tractors	11a	—	—
9. cement	12	—	—
10. electric lamps	13	—	—
11. electric fans	13a	1	3.45
12. electric motors	14	1	3.45
13. ball, rollers and tapered bearings	16a	—	—
14. locomotives	17	1	3.45
15. rolling stock	17a	1	3.45
16. machine tools	18	2	6.89
17. machinery for generation of electric energy	19	1	3.45
18. non-ferrous metal alloys	20	3	10.34
19. paper including newsprints	21	1	3.45
20. power and industrial alcohol	23	—	—
21. leather, leather goods, pickers, etc.	25	—	—
22. glue and gelatine	26	—	—
23. vanaspati	27	6	20.69
24. batteries, dry cells, storages	29	1	3.45
25. bicycles	30	—	—
26. hurricane lanterns	31	—	—
27. internal combustion engine	32	—	—
28. power-driven pumps	33	2	6.89
29. radio receivers	34	—	—
30. sewing machines	35	—	—
31. knitting machines	35a	—	—
32. small tools	36	—	—
33. hand tools	36a	—	—
34. dye-stuffs	38	—	—
35. soap	39	1	3.45
36. toilet requisites	40	1	3.45
37. total	29	100.00	

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TABLE 2.2 : DISTRIBUTION OF UNDERTAKINGS 'NOT SURVEYED'
BY STATE, 1954

Name of state (1)	number of undertakings (2)	percentage (3)
1. Andhra	2	6.90
2. Assam	—	—
3. Bihar	1	3.45
4. Bombay	7	24.20
5. Orissa	—	—
6. Punjab	—	—
7. Madhya Pradesh	—	—
8. Madras	1	3.45
9. Uttar Pradesh	2	6.90
10. West Bengal	11	38.05
11. Kerala	—	—
12. Mysore	5	17.05
13. Rajasthan	—	—
14. Delhi	—	—
15. Himachal Pradesh	—	—
16. total	29	100.00

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TABLE 3 : AGGREGATES OF SELECTED ITEMS BY INDUSTRY (S.I.), 1954

industry description	serial number	number of undertakings allo- ted	number of undertakings sur- veyed	inves- ted cap- ital (Rs. lakhs)	total empl- oyees (no.)	payment to all employees (Rs. lakhs)	value of input (Rs. lakhs)	value of output (Rs. lakhs)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. aircraft	1	1	—				not surveyed	
2. mathematical, surveying and drawing instruments	5	6	5	84.5	1740	25.2	12.9	39.6
3. scientific instruments	5a	9	9	44.1	773	8.5	13.0	26.4
4. motor and aviation fuel, kerosine, crude and synthetic oil	6	1	1	665.5	9416	235.8	495.8	779.3
5. ships and other vessels	7	13	12	1122.8	14238	301.0	387.9	680.1
6. telephone, telegraph and wireless apparatus	9	7	7	842.2	8404	134.8	109.9	569.9
7. automobiles	11	26	22	1173.0	10111	174.3	1788.0	2281.3
8. tractors	11a	1	1	0.3	8	0.2	0.2	0.5
9. cement	12	26	26	3564.1	19866	289.3	1618.2	2879.7
10. electric lamps	13	7	7	211.8	2166	29.3	86.2	154.8
11. electric fans	13a	23	22	302.9	5092	73.7	196.5	327.0
12. electric motors	14	14	13	200.3	2240	28.6	97.0	147.7
13. ball, rollers and tapered bearings	16a	1	1	74.2	517	8.0	23.2	37.6
14. locomotives	17	2	1	775.2	4429	82.7	291.5	340.2
15. rolling stock	17a	19	18	570.5	14353	264.1	934.1	1352.1
16. machine tools	18	24	22	269.3	2419	38.0	43.0	91.3
17. machinery for genera- tion, distribution, etc. of electricity	19	38	37	977.2	7743	115.1	878.7	1230.7
18. non-ferrous metal	20	46	43	1267.6	13410	202.5	1864.0	2424.3
19. paper	21	37	36	2084.7	17922	216.3	937.2	1466.0
20. power and industrial alcohol	23	34	34	624.1	7881	96.1	641.1	891.4
21. leather and leather goods	25	43	43	556.6	16932	257.8	806.3	1289.0
22. glue and gelatine	26	5	5	19.5	223	3.5	12.3	17.0
23. vanaspati	27	57	51	2020.2	11159	170.6	4166.0	4493.5
24. batteries, dry cells, etc.	29	14	13	325.9	4343	70.4	289.0	395.9
25. bicycles	30	17	17	161.3	3991	67.1	188.1	339.0
26. hurricane lanterns	31	13	13	74.5	2707	29.5	78.8	120.6
27. internal combustion engine	32	16	16	210.6	2621	34.5	98.3	176.0
28. power-driven pumps	33	13	11	135.2	1252	19.1	40.2	75.7
29. radio receivers	34	8	8	144.4	740	13.1	83.4	110.8
30. sewing machines	35	3	3	86.8	1969	39.6	67.7	117.6
31. knitting machines	35a	1	1	1.0	70	0.7	0.5	1.5
32. small tools	36	4	4	14.0	300	9.3	9.2	25.7
33. hand tools	36a	5	5	8.1	307	2.7	2.7	6.1
34. dye-stuffs	38	3	3	140.8	744	8.1	147.8	206.5
35. soap	39	52	51	925.7	7817	145.6	1355.5	1911.1
36. toilet requisites	40	18	17	140.3	1009	18.5	127.1	227.1
37. total		607	578	19819.2	198912	3213.6	17891.3	25233.0

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TABLE 4 : AGGREGATES OF SELECTED ITEMS BY STATE, 1954

state	number of under-takings		value of invested capital (Rs. lakhs)	total employees (no.)	payment to all employees (Rs. lakhs)	value of input (Rs. lakhs)	value of output (Rs. lakhs)
	allotted	surveyed					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Andhra	20	19	1627.8	12025	138.8	762.3	1067.4
2. Assam	1	1	665.5	9416	235.8	495.8	779.3
3. Bihar	25	24	1888.9	15298	244.9	1512.5	2133.0
4. Bombay	160	154	3695.2	33550	640.1	4887.3	6318.6
5. Orissa	3	3	965.4	3279	46.9	251.3	464.8
6. Punjab	23	23	391.6	3722	44.2	251.8	384.1
7. Madhya Pradesh	21	21	1236.3	6246	79.5	619.2	907.7
8. Madras	60	57	1135.8	14319	170.4	1159.9	1884.0
9. Uttar Pradesh	60	58	1450.8	14455	151.3	1333.2	1713.1
10. West Bengal	159	148	4495.1	64906	1156.7	4581.2	6624.0
11. Kerala	12	12	521.4	6189	98.4	602.8	798.6
12. Mysore	33	28	1048.8	9234	128.8	693.4	1174.8
13. Rajasthan	7	7	511.9	3299	45.3	309.9	505.6
14. Delhi	23	23	184.7	2974	32.5	430.7	475.8
15. Himachal Pradesh	—	—	—	—	—	—	—
16. total	607	578	19819.2	198912	3213.6	17891.3	25233.0

National Sample Survey

TABLE 5 : AGGREGATES OF SELECTED ITEMS FOR DIFFERENT INDUSTRIES (S.I.)
BY STATE, 1954

state (1)	number of undertakings		total invested capital (Rs. in 000) (4)	total employees (number) (5)	payment to all employees (Rs. in 000) (6)	total in- put (Rs. in 000) (7)	total output (Rs. in 000) (8)
	allotted (2)	surveyed (3)					
5/1—Industry : Mathematical, surveying and drawing instruments (5)							
1. Andhra	1	1	1184.6	313	324.4	125.9	556.2
2. Assam	—	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—	—
4. Bombay	1	1	40.0	—	—	—	—
5. Orissa	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—
7. Madhya Pradesh	—	—	—	—	—	—	—
8. Madras	1	1	908.8	256	163.3	154.5	328.7
9. Uttar Pradesh	2	1	119.0	310	194.1	538.8	923.7
10. West Bengal	1	1	6202.1	861	1840.4	468.0	2147.0
11. Kerala	—	—	—	—	—	—	—
12. Mysore	—	—	—	—	—	—	—
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	6	5	8454.5	1740	2522.2	1287.2	3955.6
5/2—Industry : Scientific instruments (5a)							
1. Andhra	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—	—
4. Bombay	1	1	530.3	6	10.0	3.0	14.4
5. Orissa	—	—	—	—	—	—	—
6. Punjab	2	2	930.9	133	132.6	89.8	276.3
7. Madhya Pradesh	—	—	—	—	—	—	—
8. Madras	1	1	241.5	71	64.5	35.9	113.9
9. Uttar Pradesh	2	2	2156.4	184	273.7	320.6	712.4
10. West Bengal	2	2	355.5	80	94.7	230.9	422.4
11. Kerala	—	—	—	—	—	—	—
12. Mysore	—	—	—	—	—	—	—
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	1	1	200.0	299	272.6	618.0	1098.0
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	9	9	4414.6	773	848.1	1298.2	2637.4

Sample Survey of Manufacturing Industries 1954(2)

TABLE 5. (Contd.): AGGREGATES OF SELECTED ITEMS FOR DIFFERENT INDUSTRIES
(S.I.) BY STATE, 1954

state	number of undertakings allotted	number of undertakings surveyed	total invested capital (Rs. in 000)	total employees (number)	payment to all employees (Rs. in 000)	total in- put (Rs. in 000)	total output (Rs. in 000)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
5/3—Industry : Motor and aviation fuel, kerosene, crude and synthetic oils (6)							
1. Andhra	—	—	—	—	—	—	—
2. Assam	1	1	66548.9	9416	23579.3	49576.6	77929.5
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	66548.9	9416	23579.3	49576.6	77929.5
5/4 Industry : Ships and other vessels propelled by the agency of steam, or by electricity or by other mechanical power (7)							
1. Andhra	1	1	71860.8	3409	4994.3	14561.4	21852.0
2. Assam	—	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—	—
4. Bombay	4	3	10569.1	3002	10023.8	9647.6	19009.0
5. Orissa	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—
7. Madhya Pradesh	—	—	—	—	—	—	—
8. Madras	—	—	—	—	—	—	—
9. Uttar Pradesh	—	—	—	—	—	—	—
10. West Bengal	6	6	27779.0	7353	14600.5	13994.5	25950.6
11. Kerala	2	2	2072.1	474	477.2	583.9	1197.2
12. Mysore	—	—	—	—	—	—	—
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	13	12	112281.0	14238	30095.8	38787.4	68008.8

National Sample Survey

TABLE 5 (Contd.) : AGGREGATES OF SELECTED ITEMS FOR DIFFERENT INDUSTRIES
(S.I) BY STATE, 1954

state	number of undertakings		total invested capital (Rs. in 000)	total employees (number)	payment to all employees (Rs. in 000)	total in- put (Rs. in 000)	total output (Rs. in 000)
	allotted	surveyed					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
5/5—Industry : Telephones, telegraph apparatus and wireless communication apparatus (9)							
1. Andhra	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—	—
4. Bombay	1	1	5757.3	1432	2993.4	635.3	3729.2
5. Orissa	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—
7. Madhya Pradesh	1	1	15499.2	1751	2348.3	4056.5	6925.1
8. Madras	—	—	—	—	—	—	—
9. Uttar Pradesh	—	—	—	—	—	—	—
10. West Bengal	4	4	22760.1	2574	4638.3	4274.0	16525.5
11. Kerala	—	—	—	—	—	—	—
12. Mysore	1	1	40199.0	2647	3498.4	2027.4	29808.7
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	7	7	84215.6	8404	13478.4	10993.2	56988.5

5/6—Industry : Automobiles (11)

1. Andhra	2	2	9324.0	1228	1385.7	2635.8	4920.1
2. Assam	—	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—	—
4. Bombay	9	7	32548.8	3642	6295.3	108806.9	117109.1
5. Orissa	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—
7. Madhya Pradesh	—	—	—	—	—	—	—
8. Madras	8	8	14816.9	1956	2829.3	3354.6	33889.3
9. Uttar Pradesh	—	—	—	—	—	—	—
10. West Bengal	4	3	59247.5	3255	6822.0	63888.1	71908.4
11. Kerala	—	—	—	—	—	—	—
12. Mysore	3	2	1367.6	30	93.5	115.2	298.2
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	26	22	117304.8	10111	17425.8	178800.6	228125.1

Sample Survey of Manufacturing Industries 1954(2)

TABLE 5 (Contd.) : AGGREGATES OF SELECTED ITEMS FOR DIFFERENT INDUSTRIES
(S.I.) BY STATE, 1954

state	number of undertakings		total invested capital (Rs. in 000)	total employees (number)	payment to all employees (Rs. in 000)	total input (Rs. in 000)	total output (Rs. in 000)		
	allotted	surveyed							
5/7—Industry : Tractors (11a)									
1. Andhra	—	—	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—	—	—	—
4. Bombay	—	—	—	—	—	—	—	—	—
5. Orissa	—	—	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—	—	—
7. Madhya Pradesh	—	—	—	—	—	—	—	—	—
8. Madras	1	1	27.5	8	15.4	19.0	45.3		
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	27.5	8	15.4	19.0	45.3		
5/8—Industry : Cement (12)									
1. Andhra	2	2	12241.8	1432	2022.5	9114.1	14358.5		
2. Assam	—	—	—	—	—	—	—	—	—
3. Bihar	5	5	41785.3	3845	6110.6	34355.4	61932.5		
4. Bombay	4	4	67670.2	2553	4668.8	28045.3	43867.7		
5. Orissa	1	1	42839.4	960	909.6	6027.7	13724.2		
6. Punjab	2	2	20726.7	1446	2269.7	11228.3	20847.7		
7. Madhya Pradesh	2	2	19579.4	2188	3001.6	14167.3	27852.1		
8. Madras	4	4	38927.0	3147	5033.6	25562.9	45555.8		
9. Uttar Pradesh	1	1	44256.2	701	250.4	1302.9	2759.2		
10. West Bengal	—	—	—	—	—	—	—	—	—
11. Kerala	1	1	9903.4	352	459.7	2652.4	4381.2		
12. Mysore	2	2	20211.1	956	1036.5	9521.5	16233.2		
13. Rajasthan	2	2	38267.3	2286	3166.9	19839.2	36460.0		
14. Delhi	—	—	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—	—	—
18. total	26	26	356407.8	19866	28929.9	161817.0	287972.1		

National Sample Survey

TABLE 5 (Contd.) : AGREGATES OF SELECTED ITEMS FOR DIFFERENT INDUSTRIES
(S.I.) BY STATE, 1954

state	number of undertakings		total invested capital (Rs. in 000)	total employees (number)	payment to all employees (Rs. in 000)	total in- put (Rs. in 000)	total output (Rs. in 000)
	allotted	surveyed					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
5/9—Industry : Electric Lamps (13)							
1. Andhra	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	1	1	665.7	70	91.4	410.5	532.9
4. Bombay	1	1	5177.9	180	339.2	752.9	1395.8
5. Orissa	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—
7. Madhya Pradesh	—	—	—	—	—	—	—
8. Madras	—	—	—	—	—	—	—
9. Uttar Pradesh	1	1	5454.1	629	521.9	1456.9	3474.3
10. West Bengal	3	3	7750.7	1117	1782.2	5449.9	8825.8
11. Kerala	—	—	—	—	—	—	—
12. Mysore	1	1	2126.6	170	192.4	548.6	1250.2
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	7	7	21175.0	2166	2927.1	8618.8	15479.0

5/10—Industry : Electric fans (13a)

1. Andhra	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—	—
4. Bombay	6	6	4379.0	742	993.0	4608.1	6462.7
5. Orissa	—	—	—	—	—	—	—
6. Punjab	2	2	256.6	116	104.0	243.4	386.4
7. Madhya Pradesh	—	—	—	—	—	—	—
8. Madras	—	—	—	—	—	—	—
9. Uttar Pradesh	1	1	946.1	96	65.2	82.7	155.2
10. West Bengal	12	11	20298.8	3789	5603.1	13233.9	23169.8
11. Kerala	—	—	—	—	—	—	—
12. Mysore	—	—	—	—	—	—	—
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	2	2	4411.9	349	608.7	1477.4	2524.6
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	23	22	30292.4	5092	7374.0	19645.5	32698.7

Sample Survey of Manufacturing Industries 1954(2)

TABLE 5 (*Contd.*) : AGGREGATES OF SELECTED ITEMS FOR DIFFERENT INDUSTRIES
(S.I.) BY STATE, 1954

state	number of undertakings		total invested capital (Rs. in 000)	total employees (number)	payment to all employees (Rs. in 000)	total in- put (Rs. in 000)	total output (Rs. in 000)		
	allotted	surveyed							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
5/11—Industry : Electric motors (14)									
1. Andhra	—	—	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—	—	—	—
4. Bombay	4	3	5359.3	607	1094.8	4567.0	6777.0	—	—
5. Orissa	—	—	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—	—	—
7. Madhya Pradesh	—	—	—	—	—	—	—	—	—
8. Madras	2	2	2728.5	114	54.9	91.5	113.4	—	—
9. Uttar Pradesh	—	—	—	—	—	—	—	—	—
10. West Bengal	6	6	7612.3	1093	1136.1	2555.2	4258.1	—	—
11. Kerala	—	—	—	—	—	—	—	—	—
12. Mysore	2	2	4327.5	426	569.9	2486.4	3624.1	—	—
13. Rajasthan	—	—	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—	—	—
18. total	14	13	20027.6	2240	2855.7	9700.1	14772.6	—	—

5/12—Industry : Ball, roller and tapered bearings (16a)

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	7419.9	517	802.4	2323.6	3755.2	—	—
14. Delhi	—	—	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—	—	—
18. total	1	1	7419.9	517	802.4	2323.6	3755.2	—	—

National Sample Survey

TABLE 5 (Contd.) : AGGREGATES OF SELECTED ITEMS FOR DIFFERENT INDUSTRIES
(S.I.) BY STATE, 1954

state	number of undertakings		total invested capital (Rs. in 000)	total employees (number)	payment to all employees (Rs. in 000)	total in- put (Rs. in 000)	total output (Rs. in 000)		
	allotted	surveyed							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
5/13—Industry : Locomotives (17)									
1. Andhra	—	—	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—	—	—
3. Bihar	1	1	77518.5	4429	8271.8	29152.9	34023.8	—	—
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	77518.5	4429	8271.8	29152.9	34023.8	—	—

5/14—Industry : Rolling stock (17a)

1. Andhra	1	1	486.9	63	83.1	150.7	186.8
2. Assam	—	—	—	—	—	—	—
3. Bihar	1	1	1461.9	578	674.3	968.1	1017.8
4. Bombay	1	1	—	—	—	—	—
5. Orissa	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—
7. Madhya Pradesh	1	1	11.6	22	21.2	3.2	4.1
8. Madras	1	1	821.0	189	223.7	680.9	885.6
9. Uttar Pradesh	—	—	—	—	—	—	—
10. West Bengal	13	13	54265.5	13501	25412.6	91607.4	133113.2
11. Kerala	—	—	—	—	—	—	—
12. Mysore	—	—	—	—	—	—	—
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	18	18	57046.9	14353	26414.9	93410.3	135207.5

Sample Survey of Manufacturing Industries 1954(2)

TABLE 5 (Contd.) : AGGREGATES OF SELECTED ITEMS FOR DIFFERENT INDUSTRIES
(S.I.) BY STATE, 1954

state	number of undertakings		total invested capital (Rs. in 000)	total employees (number)	payment to all employees (Rs. in 000)	total in- put (Rs. in 000)	total output (Rs. in 000)
	allotted	surveyed					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
5/15—Industry : Machine tools (18)							
1. Andhra	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	1	—	—	not surveyed	—	—	—
4. Bombay	4	4	1315.1	294	454.2	432.0	1048.5
5. Orissa	—	—	—	—	—	—	—
6. Punjab	4	4	1465.3	261	248.2	580.3	956.3
7. Madhya Pradesh	1	1	198.9	—	—	—	—
8. Madras	—	—	—	—	—	—	—
9. Uttar Pradesh	—	—	—	—	—	—	—
10. West Bengal	10	9	1713.8	377	457.1	714.9	1221.2
11. Kerala	—	—	—	—	—	—	—
12. Mysore	2	2	21252.8	1340	2481.1	2179.4	5172.4
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	2	2	982.8	147	161.6	394.2	735.1
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	24	22	26928.7	2419	3802.2	4300.8	9133.5
5/16—Industry : Machinery and equipment for generation transmission and distribution of electric energy (19)							
1. Andhra	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	1	1	29238.0	1271	2055.9	22857.0	38564.5
4. Bombay	14	14	18030.0	1798	3179.7	12836.1	18790.5
5. Orissa	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—
7. Madhya Pradesh	—	—	—	—	—	—	—
8. Madras	2	2	2076.9	900	485.1	2570.9	3664.9
9. Uttar Pradesh	—	—	—	—	—	—	—
10. West Bengal	15	14	25480.9	2034	3399.0	22427.5	27647.4
11. Kerala	1	1	5196.5	294	619.6	15840.7	19644.2
12. Mysore	2	2	13075.8	1150	1332.6	4384.3	6616.8
13. Rajasthan	1	1	4332.3	235	365.9	6726.8	7816.7
14. Delhi	2	2	288.1	61	74.1	225.2	328.2
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	38	37	97718.5	7743	11511.9	87868.5	123073.2

National Sample Survey

TABLE 5 (Contd.) : AGGREGATES OF SELECTED ITEMS FOR DIFFERENT INDUSTRIES
(S.I.) BY STATE, 1954

state	number of undertakings		total invested capital (Rs. in 000)	total employees (number)	payment to all employees (Rs. in 000)	total in- put (Rs. in 000)	total output (Rs. in 000)		
	allotted	surveyed							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
5/17—Industry : Non-ferrous metals including alloys (and semi-manufactures thereof) (20)									
1. Andhra	—	—	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—	—	—
3. Bihar	3	3	18406.2	2384	3318.7	38743.2	43530.3		
4. Bombay	19	18	25375.4	2922	3974.5	43280.6	50849.0		
5. Orissa	—	—	—	—	—	—	—	—	—
6. Punjab	2	2	2429.5	593	492.3	3939.8	4691.7		
7. Madhya Pradesh	—	—	—	—	—	—	—	—	—
8. Madras	3	3	2782.6	325	354.9	3611.4	4610.0		
9. Uttar Pradesh	—	—	—	—	—	—	—	—	—
10. West Bengal	11	10	69066.2	5437	10168.2	52205.9	85315.6		
11. Kerala	—	—	—	—	—	—	—	—	—
12. Mysore	4	3	6655.4	1316	1554.2	41123.2	49070.9		
13. Rajasthan	2	2	1073.7	218	164.7	1954.3	2316.9		
14. Delhi	2	2	969.2	215	227.0	1541.1	2043.4		
15. Himachal Pradesh	—	—	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—	—	—
18. total	46	43	126758.2	13410	20254.5	186399.5	242427.8		

5/18—Industry : Paper including newsprint (paper board and straw board) (21)

1. Andhra	2	2	32181.8	2390	3357.6	11420.0	16987.6
2. Assam	—	—	—	—	—	—	—
3. Bihar	1	1	6985.3	1041	1613.4	14762.1	21504.1
4. Bombay	11	11	10604.4	2475	2638.4	8247.7	12915.4
5. Orissa	1	1	48997.6	2319	3776.7	19103.2	32953.4
6. Punjab	—	—	—	—	—	—	—
7. Madhya Pradesh	3	3	60281.3	1353	1467.5	6222.6	11090.0
8. Madras	1	1	446.9	—	—	—	—
9. Uttar Pradesh	5	5	8362.2	1402	1385.9	3562.1	6335.3
10. West Bengal	10	10	25531.2	4444	4695.7	21436.0	31396.6
11. Kerala	1	1	8644.6	1516	1505.3	5000.3	7072.0
12. Mysore	2	1	6438.5	982	1185.7	3965.3	6347.2
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	37	36	208473.8	17922	21626.2	93719.3	146601.6

National Sample Survey

TABLE 5 (Contd.) : AGGREGATES OF SELECTED ITEMS FOR DIFFERENT INDUSTRIES
(S.I.) BY STATE, 1954

state	number of undertakings		total invested capital (Rs. in 000)	total employees (number)	payment to all employees (Rs. in 000)	total input (Rs. in 000)	total output (Rs. in 000)
	allotted	surveyed					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

5/19—Industry : Power and industrial alcohol (23)

1. Andhra	3	3	3848.1	722	902.4	4919.6	6624.8
2. Assam	—	—	—	—	—	—	—
3. Bihar	4	4	1958.6	312	373.0	1677.4	2489.2
4. Bombay	4	4	3384.5	238	294.0	852.2	1599.6
5. Orissa	—	—	—	—	—	—	—
6. Punjab	2	2	6088.3	327	334.4	2318.5	3305.4
7. Madhya Pradesh	1	1	7.3	34	0.8	4.5	5.4
8. Madras	2	2	17603.0	2765	3215.2	30982.1	42903.2
9. Uttar Pradesh	13	13	20187.5	2465	2924.7	18089.9	24413.3
10. West Bengal	3	3	2720.8	506	1035.0	2284.6	3833.2
11. Kerala	1	1	6518.1	469	505.4	2834.5	3751.7
12. Mysore	—	—	—	—	—	—	—
13. Rajasthan	1	1	94.3	43	27.7	146.3	212.9
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	34	34	62410.5	7881	9612.6	64109.6	89138.7

5/20—Industry : Leather, leather goods and pickers (25)

1. Andhra	2	2	162.9	722	44.4	414.8	452.8
2. Assam	—	—	—	—	—	—	—
3. Bihar	2	2	3257.5	921	1616.4	5323.4	7493.2
4. Bombay	9	9	4462.2	702	914.9	5869.6	7847.9
5. Orissa	—	—	—	—	—	—	—
6. Punjab	1	1	681.8	126	122.3	937.8	1256.2
7. Madhya Pradesh	—	—	—	—	—	—	—
8. Madras	13	13	5477.2	1935	1604.6	17059.6	20457.6
9. Uttar Pradesh	13	13	27175.8	4905	6084.2	23125.9	37642.0
10. West Bengal	2	2	13458.6	7518	15312.7	27538.5	53285.1
11. Kerala	—	—	—	—	—	—	—
12. Mysore	1	1	986.4	103	82.2	358.0	469.1
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	43	43	55662.4	16932	25781.7	80627.6	128903.9

National Sample Survey

TABLE 5 (Contd.) : AGGREGATES OF SELECTED ITEMS FOR DIFFERENT INDUSTRIES
S. I.) BY STATE, 1954

state	number of undertakings		total invested capital (Rs. in 000)	total employees (number)	payment to all employees (Rs. in 000)	total input (Rs. in 000)	total output (Rs. in 000)		
	allotted	surveyed							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
5/21—Industry : Glue and gelatine (26)									
1. Andhra	—	—	—	—	—	—	—		
2. Assam	—	—	—	—	—	—	—		
3. Bihar	—	—	—	—	—	—	—		
4. Bombay	3	3	786.9	143	227.1	697.1	992.5		
5. Orissa	—	—	—	—	—	—	—		
6. Punjab	—	—	—	—	—	—	—		
7. Madhya Pradesh	1	1	250.1	12	34.9	180.9	201.5		
8. Madras	1	1	915.5	68	84.9	355.8	506.6		
9. Uttar Pradesh	—	—	—	—	—	—	—		
10. West Bengal	—	—	—	—	—	—	—		
11. Kerala	—	—	—	—	—	—	—		
12. Mysore	—	—	—	—	—	—	—		
13. Rajasthan	—	—	—	—	—	—	—		
14. Delhi	—	—	—	—	—	—	—		
15. Himachal Pradesh	—	—	—	—	—	—	—		
16. Manipur	—	—	—	—	—	—	—		
17. Tripura	—	—	—	—	—	—	—		
18. total	5	5	1952.5	223	346.9	1233.8	1700.6		

5/22—Industry : Vanaspati (27)

1. Andhra	5	3	11513.3	774	761.3	22950.1	24230.8
2. Assam	—	—	—	—	—	—	—
3. Bihar	2	2	2015.9	169	95.1	2536.6	1834.1
4. Bombay	16	16	71295.8	3449	6388.8	147245.8	156875.9
5. Orissa	1	1	4701.0	—	—	—	—
6. Punjab	2	2	3377.4	143	128.8	5116.0	5241.1
7. Madhya Pradesh	3	3	26197.0	788	996.9	36691.5	43829.7
8. Madras	7	6	12263.6	653	946.3	23204.1	23999.5
9. Uttar Pradesh	5	4	21522.9	1476	1653.4	60184.9	66075.5
10. West Bengal	9	7	26103.7	1150	1560.2	59229.5	62073.8
11. Kerala	1	1	7945.6	1318	2903.3	15795.4	20664.8
12. Mysore	4	4	5318.3	494	398.5	9077.1	9853.9
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	2	2	9762.0	745	1224.2	34567.9	34674.0
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	57	51	202016.5	11159	17056.8	416598.9	449353.1

Sample Survey of Manufacturing Industries 1954(2)

TABLE 5 (Contd.) : AGGREGATES OF SELECTED ITEMS FOR DIFFERENT INDUSTRIES
(S.I.) BY STATE, 1954

state	number of	total	total	payment	total in-	total
	undertakings	invested	employees	to all	put (Rs. in	output
	allotted	capital	(number)	employees	000)	(Rs. in
(1)	(2)	(3)	(4)	(5)	(6)	(7)
5/23—Industry : Batteries, dry cells and storage (29)						
1. Andhra	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—
4. Bombay	3	2	7413.6	1150	1837.0	5491.4
5. Orissa	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—
7. Madhya Pradesh	—	—	—	—	—	—
8. Madras	2	2	4986.4	366	252.8	3738.8
9. Uttar Pradesh	—	—	—	—	—	—
10. West Bengal	5	5	19637.2	2411	4845.7	19097.2
11. Kerala	—	—	—	—	—	—
12. Mysore	2	2	447.2	95	74.6	242.5
13. Rajasthan	—	—	—	—	—	—
14. Delhi	2	2	107.3	321	34.3	332.7
15. Himachal Pradesh	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—
18. total	14	13	32591.7	4343	7044.4	28902.6
						39589.3

5/24—Industry : Bicycles (30)

state	number of	total	total	payment	total in-	total
	undertakings	invested	employees	to all	put (Rs. in	output
	allotted	capital	(number)	employees	000)	(Rs. in
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. Andhra	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—
4. Bombay	3	3	5085.5	1742	4459.6	9241.4
5. Orissa	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—
7. Madhya Pradesh	—	—	—	—	—	—
8. Madras	1	1	227.1	26	3.6	5.1
9. Uttar Pradesh	6	6	2683.0	831	614.2	1826.6
10. West Bengal	4	4	7916.6	1238	1507.0	7352.2
11. Kerala	—	—	—	—	—	—
12. Mysore	—	—	—	—	—	—
13. Rajasthan	—	—	—	—	—	—
14. Delhi	3	3	220.6	154	129.1	384.0
15. Himachal Pradesh	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—
18. total	17	17	16132.8	3991	6713.5	18809.3
						33897.6

National Sample Survey

TABLE 5 (Contd.) : AGGREGATES OF SELECTED ITEMS FOR DIFFERENT INDUSTRIES
(S.I.) BY STATE, 1954

state	number of undertakings		total invested capital (Rs. in 000)	total employees (number)	Payment to total employees (Rs. in 000)	total in- put (Rs. in 000)	total output (Rs. in 000)
	allotted	surveyed					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
5/25—Industry : Hurricane lanterns (31)							
1. Andhra	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	1	1	381.5	127	80.2	157.5	247.8
4. Bombay	1	1	844.6	334	318.8	995.1	1458.6
5. Orissa	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—
7. Madhya Pradesh	1	1	424.5	33	31.5	36.5	68.2
8. Madras	—	—	—	—	—	—	—
9. Uttar Pradesh	2	2	1181.7	558	374.4	877.8	1343.2
10. West Bengal	5	5	3753.3	1120	1725.3	4330.4	6521.9
11. Kerala	—	—	—	—	—	—	—
12. Mysore	—	—	—	—	—	—	—
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	3	3	862.0	535	424.1	1486.2	2419.5
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	13	13	7447.6	2707	2954.3	7883.5	12059.2

5/26—Industry : Internal combustion engine (32)

1. Andhra	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—	—
4. Bombay	4	4	11219.6	798	1265.3	6506.2	11220.5
5. Orissa	—	—	—	—	—	—	—
6. Punjab	2	2	1744.8	311	352.2	270.8	590.9
7. Madhya Pradesh	1	1	77.8	7	0.6	0.5	2.0
8. Madras	2	2	5322.7	1206	1413.8	2506.0	4774.4
9. Uttar Pradesh	3	3	94.1	138	145.8	235.3	439.6
10. West Bengal	—	—	—	—	—	—	—
11. Kerala	2	2	2599.5	161	269.8	307.5	571.5
12. Mysore	1	1	—	—	—	—	—
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	1	1	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	16	16	21058.5	2621	3447.5	9826.3	17598.9

Sample Survey of Manufacturing Industries 1954(2)

TABLE 5 (Contd.) : AGGREGATES OF SELECTED ITEMS FOR DIFFERENT INDUSTRIES
(S.I.) BY STATE, 1954

state	number of undertakings		total invested capital (Rs. in 000)	total employ- ees (number)	payment to all employees (Rs. in 000)	total in- put (Rs. in 000)	total output (Rs. in 000)		
	allotted	surveyed							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
5/27—Industry : Power-driven pumps (33)									
1. Andhra	—	—	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—	—	—	—
4. Bombay	7	6	1919.8	449	638.3	1498.4	2616.4		
5. Orissa	—	—	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—	—	—
7. Madhya Pradesh	—	—	—	—	—	—	—	—	—
8. Madras	2	2	481.7	164	103.9	226.6	447.1		
9. Uttar Pradesh	—	—	—	—	—	—	—	—	—
10. West Bengal	4	3	11117.3	639	1165.8	2297.2	4509.0		
11. Kerala	—	—	—	—	—	—	—	—	—
12. Mysore	—	—	—	—	—	—	—	—	—
13. Rajasthan	—	—	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—	—	—
18. total	13	11	13518.8	1252	1908.0	4022.2	7572.5		

5/28—Industry : Radio receivers (34)

1. Andhra	—	—	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—	—	—
3. Bihar	1	1	5286.9	151	188.0	301.7	129.4		
4. Bombay	4	4	4609.8	218	518.9	2397.8	3687.8		
5. Orissa	—	—	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—	—	—
7. Madhya Pradesh	—	—	—	—	—	—	—	—	—
8. Madras	—	—	—	—	—	—	—	—	—
9. Uttar Pradesh	—	—	—	—	—	—	—	—	—
10. West Bengal	2	2	4041.6	348	578.8	4950.5	6160.8		
11. Kerala	—	—	—	—	—	—	—	—	—
12. Mysore	1	1	504.2	23	27.3	692.6	1099.5		
13. Rajasthan	—	—	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—	—	—
18. total	8	8	14442.5	740	1313.0	8342.6	11077.5		

National Sample Survey

TABLE 5 (Contd.): AGGREGATES OF SELECTED ITEMS FOR DIFFERENT INDUSTRIES
(S.I.) BY STATE, 1954

state	number of undertakings		total invested capital (Rs. in 000)	total employees (number)	payment to all employees (Rs. in 000)	total input (Rs. in 000)	total output (Rs. in 000)
	allotted	surveyed					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
5/29—Industry : Sewing machines (35)							
1. Andhra	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—	—
4. Bombay	—	—	—	—	—	—	—
5. Orissa	—	—	—	—	—	—	—
6. Punjab	1	1	156.5	165	135.7	86.2	330.6
7. Madhya Pradesh	—	—	—	—	—	—	—
8. Madras	—	—	—	—	—	—	—
9. Uttar Pradesh	—	—	—	—	—	—	—
10. West Bengal	2	2	8521.1	1804	3819.3	6680.0	11430.8
11. Kerala	—	—	—	—	—	—	—
12. Mysore	—	—	—	—	—	—	—
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	3	3	8677.6	1969	3955.0	6766.2	11761.4

5/30—Industry : Knitting machines (35a)

1. Andhra	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—	—
4. Bombay	—	—	—	—	—	—	—
5. Orissa	—	—	—	—	—	—	—
6. Punjab	1	1	101.5	70	70.5	51.9	150.8
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	101.5	70	70.5	51.9	150.8

Sample Survey of Manufacturing Industries 1954(2)

TABLE 5 (*Contd.*) : AGGREGATES OF SELECTED ITEMS FOR DIFFERENT INDUSTRIES
(S.I.) BY STATE, 1954

state	number of undertakings		total invested capital (Rs. in 000)	total employees (number)	payment to all employees (Rs. in 000)	total in- put (Rs. in 000)	total output (Rs. in 000)	
	allotted	surveyed						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
5/31—Industry : Small tools (36)								
1. Andhra	—	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—	—	—
4. Bombay	3	3	1399.4	300	927.3	916.6	2568.2	
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	4	4	1399.4	300	927.3	916.6	2568.2	

5/32—Industry : Hand tools (36a)

1. Andhra	—	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—	—	—
4. Bombay	—	—	—	—	—	—	—	—
5. Orissa	—	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—	—
7. Madhya Pradesh	—	—	—	—	—	—	—	—
8. Madras	1	1	9.1	4	5.7	3.3	14.1	
9. Uttar Pradesh	—	—	—	—	—	—	—	—
10. West Bengal	3	3	275.8	84	88.4	118.7	220.6	
11. Kerala	—	—	—	—	—	—	—	—
12. Mysore	1	1	526.1	219	174.6	151.0	380.2	
13. Rajasthan	—	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—	—
18. total	5	5	811.0	307	268.7	273.0	614.9	

National Sample Survey

TABLE 5 (Contd.) : AGGREGATES OF SELECTED ITEMS FOR DIFFERENT INDUSTRIES
(S.I.) BY STATE, 1954

state	number of undertakings		total invested capital (Rs. in 000)	total (number) employees	payment to all employees (Rs. in 000)	total in- put (Rs. in 000)	total output (Rs. in 000)		
	allotted	surveyed							
5/33—Industry : Dye-stuffs (38)									
1. Andhra	—	—	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—	—	—	—
4. Bombay	2	2	13694.3	681	747.1	13104.0	18535.1		
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	383.2	63	61.8	1678.9	2113.5		
15. Himachal Pradesh	—	—	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—	—	—
18. total	3	3	14077.5	744	808.9	14782.9	20648.6		

5/34—Industry : Soap (39)

1. Andhra	1	1	313.8	16	10.6	411.0	335.6
2. Assam	—	—	—	—	—	—	—
3. Bihar	1	1	189.6	—	—	—	—
4. Bombay	12	12	46752.2	3163	7633.0	63230.8	96885.3
5. Orissa	—	—	—	—	—	—	—
6. Punjab	2	2	1202.7	31	28.9	313.1	373.8
7. Madhya Pradesh	6	6	1102.8	58	49.4	556.3	794.0
8. Madras	5	5	3329.2	166	182.7	1829.8	2247.6
9. Uttar Pradesh	5	5	10254.8	682	567.9	21441.8	23897.9
10. West Bengal	13	12	19310.2	1772	2778.0	28154.6	40284.0
11. Kerala	3	3	9258.2	1605	3100.6	17267.7	22577.9
12. Mysore	2	2	578.1	239	177.6	1985.1	3238.0
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	2	2	278.6	85	32.9	361.6	472.0
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	52	51	92570.2	7817	14561.6	135551.8	191106.1

Sample Survey of Manufacturing Industries 1954(2)

TABLE 5 (Contd.) : AGGREGATES OF SELECTED ITEMS FOR DIFFERENT INDUSTRIES
(S.I.) BY STATE, 1954

state	number of undertakings allotted	number of surveyed	total invested capital (Rs. in 000)	total employees (number)	payment to all employees (Rs. in 000)	total in- put (Rs. in 000)	total output (Rs. in 000)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
5/35—Industry : Other toilet requisites (40)							
1. Andhra	—	—	—	—	—	—	—
2. Assam	—	—	—	—	—	—	—
3. Bihar	—	—	—	—	—	—	—
4. Bombay	9	9	8753.2	530	1172.0	8820.8	17015.6
5. Orissa	—	—	—	—	—	—	—
6. Punjab	—	—	—	—	—	—	—
7. Madhya Pradesh	—	—	—	—	—	—	—
8. Madras	—	—	—	—	—	—	—
9. Uttar Pradesh	1	1	690.1	76	69.3	275.7	620.1
10. West Bengal	8	7	4590.1	403	607.3	3612.8	5079.0
11. Kerala	—	—	—	—	—	—	—
12. Mysore	—	—	—	—	—	—	—
13. Rajasthan	—	—	—	—	—	—	—
14. Delhi	—	—	—	—	—	—	—
15. Himachal Pradesh	—	—	—	—	—	—	—
16. Manipur	—	—	—	—	—	—	—
17. Tripura	—	—	—	—	—	—	—
18. total	18	17	14033.4	1009	1848.5	12709.3	22714.7

TABLE (6.1) : DISTRIBUTION OF UNDERTAKINGS SURVEYED BY SIZE CLASS OF INVESTED CAPITAL X INDUSTRIES, (S.I.) 1954

invested capital Rs. (000)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1. below — 10		-	-	-	2	1	3	-	-	-	3	2	-	-	2	3	3	1
2. 10 — 24		-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-
3. 25 — 49	1	1	1	1	1	-	-	1	-	-	-	-	-	-	-	2	3	-
4. 50 — 99	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	4	4	1
5. 100 — 149	1	1	1	1	1	-	1	-	-	-	-	-	-	-	-	2	2	3
6. 150 — 249	-	-	4	1	2	-	2	-	-	-	3	-	-	-	-	3	2	3
7. 250 — 349	-	-	1	-	-	-	2	-	-	-	2	-	-	-	-	2	-	2
8. 350 — 499	-	-	1	-	-	-	1	-	-	-	2	1	-	-	-	3	2	3
9. 500 — 749	-	-	2	-	-	-	-	-	1	1	2	2	-	-	-	1	3	6
10. 750 — 999	1	-	-	-	-	-	3	-	-	1	2	-	-	-	-	-	-	3
11. 1000 — 1499	1	-	-	-	-	-	1	-	-	1	-	2	-	-	-	2	7	8
12. 1500 — 1999	-	-	1	-	-	1	-	-	-	-	1	-	-	-	-	1	3	-
13. 2000 — 2499	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	2
14. 2500 — 3499	-	-	1	-	2	-	1	-	1	2	2	1	-	-	-	-	1	2
15. 3500 — 4999	1	-	1	-	1	2	-	1	-	-	3	2	-	-	-	1	3	1
16. 5000 — 7499	1	-	1	-	2	1	2	-	4	2	-	1	-	-	-	-	4	2
17. 7500 — 9999	-	-	-	-	1	1	3	-	1	-	-	-	-	-	-	-	-	1
18. 10000—12499	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	1
19. 12500—14999	-	-	-	1	-	-	4	-	-	-	-	-	-	-	-	-	1	-
20. 15000—19999	-	-	-	-	2	-	5	-	-	-	-	-	-	-	-	2	1	-
21. 20000—24999	-	-	-	-	1	1	2	-	1	-	-	-	-	-	-	-	-	1
22. 25000 and above	-	-	1	1	1	2	-	2	-	-	-	-	1	-	-	-	1	-
23. all sizes	5	9	1	12	7	22	1	26	7	22	13	1	1	18	22	37	43	

TABLE (6.1) (Contd.) : DISTRIBUTION OF UNDERTAKINGS SURVEYED BY SIZE CLASS OF INVESTED CAPITAL X INDUSTRIES, (S.I.) 1954

size class of invested capital Rs. (000)	(1)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)
1. below — 10	5	3	5	-	2	1	1	-	4	3	1	-	2	2	-	6	2	57	
2. 10 — 24	-	-	-	1	1	1	1	-	-	1	-	-	-	-	1	1	9		
3. 25 — 49	1	2	3	2	1	1	2	2	1	1	1	-	1	1	3	1	14		
4. 50 — 99	2	2	3	2	1	1	1	1	2	1	1	1	1	1	1	3	1	30	
5. 100 — 149	1	-	2	1	1	1	1	1	1	1	1	1	1	1	1	5	4	27	
6. 150 — 249	2	1	7	1	2	1	5	2	1	1	1	1	1	1	1	2	1	45	
7. 250 — 349	3	-	4	1	1	-	-	2	1	2	1	2	1	-	1	3	-	27	
8. 350 — 499	2	6	4	-	2	1	1	4	1	-	-	-	1	1	1	9	1	45	
9. 500 — 749	2	2	6	1	-	2	2	-	-	-	-	2	1	1	1	1	3	42	
10. 750 — 999	-	3	1	1	3	-	1	4	-	-	-	-	1	1	1	4	-	31	
11. 1000 — 1499	3	7	4	-	6	1	2	-	1	1	1	1	1	1	1	4	-	52	
12. 1500 — 1999	2	2	1	-	5	-	-	1	1	1	1	1	1	1	1	1	1	22	
13. 2000 — 2499	2	2	2	-	1	-	-	-	2	-	-	-	-	-	-	2	1	19	
14. 2500 — 3499	2	1	-	-	6	1	1	-	1	-	-	1	1	-	-	-	-	25	
15. 3500 — 4999	1	1	1	-	8	2	-	-	1	-	-	-	-	-	-	-	-	30	
16. 5000 — 7499	3	2	-	-	2	1	1	-	1	-	-	1	-	-	-	1	1	33	
17. 7500 — 9999	1	1	-	-	6	-	-	-	-	-	-	1	-	-	-	2	1	19	
18. 10000—12499	-	-	-	-	2	1	-	-	1	-	-	-	-	-	-	-	-	8	
19. 12500—14999	-	1	1	-	-	-	-	-	-	-	-	-	1	1	2	-	-	11	
20. 15000—19999	2	-	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	16	
21. 20000—24999	-	-	-	-	1	1	-	-	-	-	-	-	-	-	1	-	-	4	
22. 25000 and above	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	
23. all sizes	36	34	43	5	51	13	17	13	16	11	8	4	4	4	5	3	51	17	578

TABLE (6.2). DISTRIBUTION OF UNDERTAKINGS SURVEYED BY SIZE CLASS OF NUMBER OF EMPLOYEES X INDUSTRIES (S.I.) 1954

size class of employment (actual number)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1. 1 — 9		1	1	-	1	1	4	1	2	-	3	2	-	-	2	3	7	1
2. 10 — 19		-	-	-	-	-	-	-	-	-	1	-	-	-	1	2	-	1
3. 20 — 39		-	2	-	1	-	2	-	-	-	1	-	-	-	2	3	4	3
4. 40 — 49		-	-	-	-	-	1	-	-	-	2	-	-	-	1	1	1	
5. 50 — 74		-	3	-	1	-	2	-	-	1	4	2	-	-	3	6	5	4
6. 75 — 99		-	1	-	-	-	2	-	-	-	3	2	-	-	1	3	3	4
7. 100 — 149		-	1	-	-	2	-	-	-	1	2	-	-	-	1	1	3	5
8. 150 — 249		-	-	-	-	-	2	-	-	2	1	3	-	-	2	1	2	11
9. 250 — 349		3	1	-	1	-	2	-	1	1	2	1	-	-	1	1	7	1
10. 350 — 499		-	-	-	2	-	3	-	5	-	1	1	-	-	-	-	-	6
11. 500 — 749		-	-	-	-	-	-	-	5	2	2	1	1	-	1	-	2	2
12. 750 — 999		1	-	-	-	-	-	-	7	-	-	-	-	-	2	1	2	1
13. 1000—1499		-	-	-	2	1	2	-	4	-	-	-	-	-	2	-	1	1
14. 1500—1999		-	-	-	1	1	-	-	2	-	1	-	-	-	-	-	-	1
15. 2000—2499		-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	1
16. 2500 and above		-	-	1	3	1	1	-	-	-	-	-	-	-	1	2	-	-
17. all sizes		5	9	1	12	7	22	1	26	7	22	13	1	1	18	22	37	43

TABLE (6.2) (Contd.) : DISTRIBUTION OF UNDERTAKINGS SURVEYED BY SIZE CLASS OF NUMBER OF EMPLOYEES × INDUSTRIES
(S.I.) 1954

5

	size class of employment (actual number)	(1)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)
1.	1 — 9		7	2	5	-	8	1	-	-	3	5	1	-	2	2	-	15	2	82
2.	10 — 19		-	-	2	1	1	1	-	-	1	-	-	-	-	1	9	3	23	
3.	20 — 39		-	4	2	2	3	1	2	1	1	1	1	-	-	-	8	3	47	
4.	40 — 49		1	2	3	-	3	1	1	-	1	-	-	-	1	-	1	-	20	
5.	50 — 74		3	5	7	1	2	1	4	1	1	-	2	-	1	1	2	2	64	
6.	75 — 99		4	6	4	1	4	1	1	-	2	2	1	1	-	-	3	1	49	
7.	100 — 149		3	1	5	-	5	-	2	3	2	1	1	1	-	-	2	4	46	
8.	150 — 249		3	8	6	-	9	2	3	4	2	-	2	1	-	1	4	1	71	
9.	250 — 349		-	1	1	-	6	2	1	3	-	1	1	-	1	-	1	-	39	
10.	350 — 499		2	1	3	-	6	2	1	1	1	-	1	-	1	-	2	-	37	
11.	500 — 749		5	2	3	-	2	1	1	-	1	-	1	-	1	-	1	-	32	
12.	750 — 999		2	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-	18	
13.	1000—1499		2	1	1	-	2	-	1	-	1	-	1	-	-	1	1	1	22	
14.	1500—1999		2	-	1	-	1	-	1	-	1	-	1	-	-	1	-	-	10	
15.	2000—2499		1	1	1	-	1	-	1	-	1	-	1	-	-	-	-	-	5	
16.	2500 and above		1	-	2	-	-	-	-	-	1	-	-	-	-	-	-	-	13	
17.	all sizes		36	34	43	5	51	13	17	13	16	11	8	4	4	5	3	51	17	578

TABLE (6.3) : DISTRIBUTION OF UNDERTAKINGS SURVEYED BY SIZE CLASS OF VALUE OF OUTPUT X INDUSTRIES,
(S.I.) 1954

size class of output Rs. (000)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1. below—10		1	-	-	1	1	4	-	2	-	3	3	-	-	3	3	5	1
2. 10 — 24		-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
3. 25 — 49			2	-	-	-	-	-	-	-	1	1	-	-	2	-	2	
4. 50 — 99				3	-	-	-	-	-	-	-	-	-	-	-	-	-	
5. 100 — 149					1	-	-	-	-	-	-	-	-	-	-	-	-	
6. 150 — 249						1	1	1	1	1	1	1	1	1	1	1	1	
7. 250 — 349		1	-	1	1	-	2	-	1	1	1	1	1	1	1	1	1	
8. 350 — 499			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
9. 500 — 749				1	1	1	2	2	1	1	2	2	2	2	2	2	2	
10. 750 — 999					1	-	1	1	1	1	1	1	1	1	1	1	1	
11. 1000 — 1499						1	2	3	1	2	1	2	1	1	2	1	3	
12. 1500 — 1999							1	1	2	1	1	1	1	1	1	1	3	
13. 2000 — 2499								1	1	1	1	1	1	1	1	1	4	
14. 2500 — 3499								2	3	2	1	2	1	1	2	2	3	
15. 3500 — 4999					2	1	1	3	1	2	2	1	1	1	1	4	6	
16. 5000 — 7499						1	-	2	1	1	1	1	1	1	1	1	3	
17. 7500 — 9999						2	1	1	2	1	1	1	1	1	1	1	1	
18. 10000—12499							1	1	1	1	1	1	1	1	1	1	3	
19. 12500—14999								4	-	1	1	1	1	1	1	-	-	
20. 15000—19999								6	-	1	1	1	1	1	1	2	4	
21. 20000—24999								2	-	1	1	1	1	1	1	1	1	
22. 25000 and above			1	-	1	3	-	1	-	1	1	1	2	1	1	1	1	
23. all sizes	5	9	1	12	7	22	1	26	7	22	13	1	1	18	22	37	43	

TABLE (6.3) (*Contd.*) : DISTRIBUTION OF UNDERTAKINGS SURVEYED BY SIZE CLASS OF VALUE OF OUTPUT INDUSTRIES,
(S.I.) 1954

size class of output Rs. (000)	paper, newsprint (21)	power and industrial alcohol (23)	leather and leather goods pickers (25)	glue and gelatine (26)	vanaspati (27)	battery, drycells, storage (29)	bicycles (30)	hurricane lanterns (31)	internal combustion engine (32)	power-driven pumps (33)	radio receivers (34)	sewing machine (35)	small tools (36)	hand tools (36a)	dye-stuffs (38)	soap (39)	other toilet requisites (40)	all industries
(1)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)
1. below—10	7	3	3	-	6	1	1	-	* 4	4	1	-	2	1	-	10	3	73
2. 10 — 24	1	-	1	-	3	1	-	-	-	1	-	-	-	1	-	-	-	11
3. 25 — 49	1	-	1	1	1	1	1	-	-	-	-	-	-	1	-	3	-	19
4. 50 — 99	2	-	1	1	2	-	1	2	1	1	-	-	-	-	-	4	-	20
5. 100 — 149	1	-	-	-	1	-	-	1	-	1	-	-	-	-	-	1	2	18
6. 150 — 249	3	1	1	1	1	1	3	1	2	1	1	-	-	-	-	4	1	34
7. 250 — 349	1	1	3	-	1	-	1	-	2	1	1	-	-	-	-	4	1	31
8. 350 — 499	1	4	4	-	-	1	2	1	2	-	-	-	-	-	-	4	2	39
9. 500 — 749	1	11	4	1	-	2	3	-	-	1	-	-	-	-	-	4	3	45
10. 750 — 999	1	4	4	1	-	-	1	1	-	-	-	-	-	-	-	2	-	24
11. 1000 — 1499	1	3	6	-	2	1	1	5	1	-	-	2	-	-	-	4	-	44
12. 1500 — 1999	3	1	5	-	4	-	-	1	-	-	-	-	-	-	-	-	1	21
13. 2000 — 2499	1	-	1	-	1	-	-	1	-	1	-	-	-	-	-	1	2	23
14. 2500 — 3499	3	1	3	-	1	1	-	-	3	-	-	-	-	-	-	1	1	26
15. 3500 — 4999	1	1	4	-	2	3	-	-	1	1	-	-	-	-	-	1	-	39
16. 5000 — 7499	2	1	-	-	5	-	1	-	1	-	-	-	-	-	-	2	-	19
17. 7500 — 9999	2	1	-	-	4	-	1	-	-	-	-	-	-	-	-	2	-	16
18. 10000—12499	-	-	-	-	3	-	1	-	-	1	-	-	-	-	-	-	1	11
19. 12500—14999	1	-	-	-	4	-	1	-	-	-	-	-	-	-	-	-	-	10
20. 15000—19999	-	1	-	-	4	1	1	-	-	-	-	-	-	-	-	1	-	23
21. 20000—24999	2	-	1	-	4	-	-	-	-	-	-	-	-	-	-	2	-	14
22. 25000 and above	1	1	1	-	2	-	-	-	-	-	-	-	-	-	-	2	-	18
23. all sizes	36	34	43	5	51	13	17	13	16	11	8	4	4	5	3	51	17	578

National Sample Survey

TABLE (6.1.1) : DISTRIBUTION OF UNDERTAKINGS SURVEYED BY SIZE CLASS OF INVESTED CAPITAL WITH PERCENTAGES, 1954

	size class of invested capital Rs(000)	number of under-takings	percentage	cumulative percentage
				(4)
1.	below—10	57	9.86	9.86
2.	10 — 24	9	1.55	11.41
3.	25 — 49	14	2.42	13.83
4.	50 — 99	30	5.19	19.02
5.	100 — 149	27	4.67	23.69
6.	150 — 249	45	7.79	31.48
7.	250 — 349	27	4.67	36.15
8.	350 — 499	45	7.79	43.94
9.	500 — 749	42	7.27	51.21
10.	750 — 999	31	5.36	56.57
11.	1000 — 1499	52	9.00	65.57
12.	1500 — 1999	22	3.81	69.38
13.	2000 — 2499	19	3.29	72.67
14.	2500 — 3499	25	4.33	77.00
15.	3500 — 4999	30	5.19	82.19
16.	5000 — 7499	33	5.70	87.89
17.	7500 — 9999	19	3.29	91.18
18.	10000—12499	8	1.38	92.56
19.	12500—14999	11	1.90	94.46
20.	15000—19999	16	2.77	97.23
21.	20000—24999	4	0.69	97.92
22.	25000 and above	12	2.08	100.00
23.	total	578	100.00	—

Sample Survey of Manufacturing Industries 1954(2)

TABLE (6.2.1) : DISTRIBUTION OF UNDERTAKINGS SURVEYED BY SIZE CLASS OF NUMBER OF EMPLOYEES WITH PERCENTAGES, 1954

	size class of employment (actual number)	number of under-takings	percentage	cumulative percentage
	(1)	(2)	(3)	(4)
1.	1 — 9	82	14.19	14.19
2.	10 — 19	23	3.98	18.17
3.	20 — 39	47	8.13	26.30
4.	40 — 49	20	3.46	29.76
5.	50 — 74	64	11.07	40.83
6.	75 — 99	49	8.48	49.31
7.	100 — 149	46	7.96	57.27
8.	150 — 249	71	12.28	69.55
9.	250 — 349	39	6.75	76.30
10.	350 — 499	37	6.40	82.70
11.	500 — 749	32	5.54	88.24
12.	750 — 999	18	3.11	91.35
13.	1000—1499	22	3.81	95.16
14.	1500—1999	10	1.73	96.89
15.	2000—2499	5	0.86	97.75
16.	2500 and above	13	2.25	100.00
17.	total	578	100.00	—

TABLE (6.3.1) : DISTRIBUTION OF UNDERTAKINGS SURVEYED BY SIZE CLASS OF VALUE OF OUTPUT WITH PERCENTAGES, 1954

	size class of output Rs. (000)	number of under-takings	percentage	cumulative percentage
	(1)	(2)	(3)	(4)
1.	Below—10	73	12.63	12.63
2.	10 — 24	11	1.90	14.53
3.	25 — 49	19	3.29	17.82
4.	50 — 99	20	3.46	21.28
5.	100 — 149	18	3.11	24.39
6.	150 — 249	34	5.88	30.27
7.	250 — 349	31	5.36	35.63
8.	350 — 499	39	6.75	42.38
9.	500 — 749	45	7.79	50.17
10.	750 — 999	24	4.15	54.32
11.	1000—1499	44	7.61	61.93
12.	1500—1999	21	3.63	65.56
13.	2000—2499	23	3.98	69.54
14.	2500—3599	26	4.50	74.04
15.	3500—4999	39	6.75	80.79
16.	5000—7499	19	3.29	84.08
17.	7500—9999	16	2.77	86.85
18.	10000—12499	11	1.90	88.70
19.	12500—14999	10	1.73	90.43
20.	15000—19999	23	3.98	94.41
21.	20000—24999	14	2.42	96.82
22.	25000 and above	18	3.12	100.00
23.	total	578	100.00	—

FACSIMILE OF THE SCHEDULE

NATIONAL SAMPLE SURVEY

Establishment Schedule : Manufacturing Industries, 1955
(Reference period 1954.)

[1] identification code	[2] geographical location	[3] operation details					
1. State	1. district	1. perennial/seasonal 1/2					
2. industry (C.M.I.)	2. taluk/thana	2. if seasonal, normal season.....					
3. industry (S.I.)	3. town					
4. stratum	4. post-office	3. months of operation in 1954.....					
5. schema	5. name of factory	4. year of start of manufacture.....					
6. sub-sample	6. type of ownership	5. date of closing yearly accounts.....					
7. sample unit no.	7. type of management					
[4] capital structure							
sr. no.	item	value (in Rs.00) as on 1.1.54/.....	31.12.54/.....	depreciation charges during the year (Rs. 00)	rent paid during the year (Rs. 00)		
(0)	(1)	(2)	(3)	(4)	(5)		
1.	land						
2.	building						
3.	sub-total-1=(1+2)						
4.	plant and machinery						
5.	furniture						
6.	transport equipments						
7.	other fixed assets						
8.	sub-total-2=(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.	net outstanding balance of credit and debit						
15.	total working capital : sub-total-4 = (10 to 14)						
16.	total invested capital=(9+15)						
[5] duration of work during Jan. - Dec. 1954							
sr. no.	item	duration					
(0)	(1)	(2)					
1.	no. of working days						
2.	shifts per day						
3.	length of shift (hrs.0.0)						
[6] present age and expected service life of buildings, plant and machinery							
[7.1] prime movers as on 31.12.54/.....							
(a) prime movers							
sr. no.	major items	value as on 1.1.54/..... (Rs. 00)	age in yrs. (00)	exported servicing life in years(00)	directly applied to machines	applied to electric generators	p.c. of total installed B.H.P. treated as standby (00)
(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.							
2.							
3.							
4.							
5.					x	x	x
[7.2] electric motors as on 31.12.54/.....							
sr. no.	Items	no.	B.H.P.	p.c. of total B.H.P. capacity treated as standby			
(0)	(1)	(2)	(3)	(4)			
11.	motors driven by electricity generated in the factory						
12.	motors driven by electricity purchased						
13.							
14.							
15.	total						

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Sample Survey of Manufacturing Industries 1954(2)

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[8] transactions (Rs. 00) in fixed assets during accounting year				[9] expenditure (Rs. 00) on repairs and maintenance during Jan.-Dec. 1954							
sr. no.	item	replacements, improvements and additions	obsolescence and sales	sr. no.	item	materials	labour employed	service charge	total		
(0)	(1)	(2)	(3)	(0)	(1)	(2)	(3)	(4)	(5)		
1.	land			1.	building		×		×		
2.	building			2.	plant & machinery		×		×		
3.	plant & machinery			3.	other fixed assets		×		×		
4.	furniture			4.	total						
5.	transport equipments										
6.	other fixed assets										
7.	sub-total=(4+5+6)										
8.	total=(1+2+3+7)										
[10] labour employed and their emoluments during Jan.-Dec. 1954											
sr. no.	item			total man-hours		average no. per working day	salaries, wages, and other emoluments (Rs. 00)				
(0)	(1)	(2)	(3)	(2)	(3)	(4)	(5)	(6)	(7)		
1.	workers directly employed	men				4		600			
2.		women				3		300			
3.		children (above 14, below 18)				2		200			
4.		sub-total 1 : (1+2+3)				9		1100			
5.	workers employed through contractors			x		x					
6.	sub-total-2=(4+5)			x		x					
7.	other employees			x							
8.	individual benefits (in kind)			x		x					
9.	group benefits			x		x					
10.	total=(6+7+8+9)			x		x					
11.	contribution to funds (provident fund, social insurance etc.)			x		x					
[11] employment: change in volume over four quarters in 1954											
sr. no.	item			strength (no.) as per rolls on				average daily no. (00) employed during			
(0)	(1)	(2)	(3)	1-1-54	1-4-54	1-7-54	1-10-54	Jan.-March	April-June	July-Sept.	Oct.-Dec.
1.	workers employed directly										
2.	workers employed through contractors										
3.	sub-total-1=(1+2)										
4.	supervisory workers										
5.	employees other than workers										
6.	sub-total-2=(4+5)										
7.	total : (3+6)										
[12] inward freight during Jan.-Dec. 1954			[13] particulars of intermediate products during Jan.-Dec. 1954								
sr. no.	item	freight (Rs.)	sr. no.	item	unit	produced in 1954		consumed in 1954			
(0)	(1)	(2)	(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	railways		1.								
2.	steamer and boat		2.								
3.	automobiles		3.								
4.	other means		4.	total		x	x		x		
5.	total=(1+2+3+4)										

National Sample Survey

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[14] raw-materials, chemicals, packing materials etc. consumed during Jan.-Dec. 1954.(excluding products made by the factory).					[15] products, by-products and subsidiary products during Jan.-Dec. 1954. (excluding intermediate products)				
sr. no.	item	unit	quantity (00)	value (Rs. 00)	sr. no.	item	unit	quantity (00)	value (Rs. 00)
(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		x	x	15.				
16.	sub-total-1 =(1 to 15)		x	x	16.				
17.					17.				
18.					18.				
19.					19.				
20.					20.				
21.					21.	others		x	x
22.					22.	sub-total-1 =(1 to 20)		x	x
23.					23.				
24.	others		x	x	24.				
25.	sub-total-2 =(17 to 24)		x	x	25.				
26.					26.				
27.					27.				
28.					28.				
29.					29.	others		x	x
30.					30.	sub-total-2 =(22 to 29)		x	x
31.					31.				
32.					32.				
33.					33.				
34.					34.				
35.	others		x	x	35.				
36.	sub-total-3 =(26 to 35)		x	x	36.				
37.					37.				
38.					38.				
39.					39.				
40.					40.				
41.					41.				
42.	others		x	x	42.	others		x	x
43.	sub-total-4 =(37 to 42)		x	x	43.	sub-total-3 =(31 to 42)		x	x
44.	total=(16+25+36+43)		x	x	44.	total=(21+30+43)		x	x

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[16] fuels, lubricant and electricity consumed during Jan.-Dec. 1954 (excluding products made by the establishment)					[17] total input during Jan.-Dec. 1954				
sr. no.	item	unit	quantity (00)	value Re. (00)	sr. no.	item	value (Re. (00)		
(0)	(1)	(2)	(3)	(4)	(0)	(1)	(2)		
1.	coal	ton			1.	materials consumed in manufacture (14.4.44) <small>(15.4.44)</small>			
2.	coke	ton			2.	materials consumed in repair etc. (9.2.4)			
3.	coal gas	1000 c.ft.			3.	sub-total-1=(1+2)			
4.	firewood	ton				work done by other concerns on :—			
5.	charcoal	ton			4.	repair and maintenance (9.4.4)			
6.	petroleum & motor spirit	gallon				manufacturing processes :—(describe)			
7.	other fuel oil	gallon			5.	(a)			
8.	lubricating oil	gallon			6.	(b)			
9.	electricity	k.w.h.			7.	(c)			
10.	water (purchased)	1000gals			8.	(d) others			
11.	others	×	×		9.	sub-total-2=(5 to 8)			
12.	total=(1 to 11)	×	×		10.	sub-total-3=(3+4+9)			
[18] total output during Jan.-Dec. 1954									
sr. no.	item		value (Re. 00)		11.	inward transport service (12.2.5)			
(0)	(1)	(2)			12.	printing service			
1.	value of production of goods (15.4.44)				13.	advertisement service			
	work done for other concerns on :—				14.	warehousing service			
2.	repair and maintenance				15.	insurance service			
	manufacturing processes (describe)				16.	purchase agency service			
3.	(a)				17.	sub-total-4=(11 to 16)			
4.	(b)				18.	audit, accounts & bank service			
5.	(c)				19.	managing agency service			
6.	(d) others				20.	other services			
7.	sub-total=(3 to 6)				21.	sub-total-5=(18 to 20)			
8.	total=(1+2+7)				22.	local rates & trade license			
					23.	duties, cesses, taxes on purchases			
					24.	total=(10+17+21+22+23)			
[19] trend of production and possibilities under existing fixed capital equipments									
sr. no.	item	unit	actuals			maximum possible under ideal conditions (per year)	p.c. of col. (5) to col. (6)	reasons (describe)	
			last year (1954)	year before last (1953)	average over last five years (1950-54)				
(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.							
	quantity produced/(major products)								
4.									
5.									
6.									
7.									
8.									
[20] particulars of investigator etc.									
1.	investigator's name.....								
2.	date : (i) first visit.....	3. (ii) final visit.....			4. no. of visits.....				
5.	signature.....			6. date.....					
7.	date of scrutiny.....	8. signature of scrutiniser.....		9. date.....					
10.	countersignature of A.D.....		date.....	date despatched.....					

sr. no.	items	unit of qty.	quantity consumed during Jan.-Dec. 1954 (00)	value (Rs. 00)										closing stock on 31-12-54
				opening stock on 1-1-54	produced by the factory	purchased or otherwise obtained (loan, etc.)	total supply cols (4) + (5) + (6)	construction of capital equipments	repair and main- tenance	goods manu- factured	sub-total : cols. (9) + (10)	total : cols.(8+11)	wastage and other disposal	
(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1.	sand	cwt.												
2.	stone, stone chips, gravel	ton												
3.	brick	thousand												
4.	tile	thousand												
5.	lime	ton												
6.	cement	ton												
7.	timber	c.ft.												
8.	bamboo	ton												
9.	straw	×	×											
10.	asbestos cement products	×	×											
11.	hume conduits and pipes	ft.												
12.	pipes and tubes (iron, and steel)	ft.												
13.	fire clay and refractories	ton												
14.	sanitary equipments	×	×											
15.	sheet glass	sq.ft.												
16.	abrasives	×	×											
17.	paper boards	×	×											
18.	paints and varnishes	cwt.												
19.	electrical wares	×	×											
20.	beams, joints, angles (iron & steel)	ton												
21.	sheet iron (black, galvanised)	ton												
22.	nuts, bolts, rivets, washers, plates	×	×											
23.	wires, nails, hoops, straps & netting	×	×											
24.	rails, fishplates, sleepers	×	×											
25.	industrial and power alcohol	Imp. gallon												

[21] stocks, supply and utilisation of selected articles during January–December, 1954

sr. no.	items	unit of qnty.	quantity consumed during Jan.-Dec. 1954 (00)	value (Rs. 00)										closing stock on 31-12-54
				opening stock on 1-1-54	produced by the factory	purchased or otherwise obtained (loan, etc.)	total supply: cols. (4)+(5)+(6)	construction of capital equipments	repair and main- tenance	goods manu- factured	sub-total : cols. (9)+(10)	total : cols. (8)+(11)	wastage and other disposal	
(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
26.	coal	ton												
27.	coke	ton												
28.	diesel oil	gallon												
29.	paddy (rice in husk)	md.												
30.	wheat, barley and millets	md.												
31.	atta and flour	md.												
32.	pulses and grams	md.												
33.	linseed	md.												
34.	groundnut	md.												
35.	other oil seeds	md.												
36.	raw jute	md.												
37.	raw cotton	md.												
38.	raw rubber	gallon												
39.	raw silk	lb.												
40.	hides and skins	lb.												
41.	iron ore	ton												
42.	manganese ore	ton												
43.	pig iron	ton												
44.	steel ingots	ton												
45.	aluminium ingots	ton												
46.	mica	ton												
47.	non-ferrous alloys	×	×											
48.	sugar	ton												
49.	molasses (non-edible)	ton												
50.	cotton cloth	yd.												

[21] stocks, supply and utilisation of selected articles during January—December, 1954,

ar. no.	items	unit of qty.	quantity consumed during Jan.-Dec. 1954 (00)	value (Rs. 00)										
				opening stock on (1-1-54)	produced by the factory	purchased or otherwise obtained (loan, etc.)	total supply cols (4)+(5) (6)	consumed in :—				sub-total : cols. (9)+(10)	total : cols.(8)+(11)	wastage and other disposal
(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
51.	cotton waste	lb.												
52.	jute waste	lb.												
53.	wool waste	lb.												
54.	silk yarn and thread	lb.												
55.	cotton yarn	lb.												
56.	cotton thread and twine	lb.												
57.	ropes and coir	maund												
58.	plywood	cwt.												
59.	paper (packing)	cwt.												
60.	paper (writing and printing)	x	x											
61.	rubber goods	x	x											
62.	belting (cotton, rubber, leather, mixed)	ton												
63.	limestone	x	x											
64.	jars, bottles and phials (glass)	x	x											
65.	containers (ceramic)	x	x											
66.	enamelware	x	x											
67.	pastes and adhesives	ton												
68.	coal tar	x	x											
69.	lubricating oil and grease	cwt.												
70.	ammonia	cwt.												
71.	sulphuric acid	ton												
72.	glycerine	x	x											
73.	starches	ton												
74.	caustic soda	lb.												
75.	soda ash	lb.												