THE NATIONAL SAMPLE SURVEY

NINETEENTH ROUND FEBRUARY 1965—JUNE 1965

NUMBER 149

REPORT

ON

PILOT STUDY ON NON-HOUSEHOLD ENTERPRISES





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Report on Pilot Study on Non-household Enterprises

The report entitled 'Pilot study on non-household enterprises, 19th round, February 1965 to June 1965' was prepared by the Indian Statistical Institute. The views contained in the report are not necessarily those of the Government of India*.

- 1. Introduction.—Detailed information on the manufacturing enterprises registered under the Factories. Act is being collected through the survey on Census of Manufacturing Industries. Besides this NSS has been conducting from time to time sample surveys for ascertaining information on household enterprises. But the sector relating to non-registered non-household enterprises has so far been neglected for ascertaining information through surveys. A beginning is sought to be made through this pilot study to ascertain and also investigate the problems which might arise in conducting a survey on the non-registered category of enterprises in the non-household sector in the private sector.
- 2. Scope and Coverage.—All the enterprises which were owned by individuals on proprietory or partnership basis and which come under the category of household or non-institutional enterprises were excluded. Only those enterprises in the private sector which are owned by corporate bodies, such as, joint stock companies, co-operative societies and any other societies which were not registered are covered by this survey. The coverage for those non-household enterprises relating to manufacture, transport and trade is briefly as follows:
 - (i) in the case of manufacture—only those manufacturing enterprises which are not registered under Factories Act, 1948;
 - (ii) in the case of transport—only those transport enterprises which do not operate power-driven vehicles but operate such vehicles as, rickshaws, cycle rickshaws, bullock carts, boats etc.
 - (iii) in the case of trade—only those trading enterprises which are not registered under the Sales Tax Act. The pilot-study covered both the rural and urban areas of only 9 state-blocks, viz., Andhra Pradesh (east & west), Bihar (north), Gujarat, Madras (south), Maharashtra (west), Madhya Pradesh (west), Punjab, Rajasthan and was conducted during the later half of 19th round, i.e., February 1965 to June 1965.

The sample villages chosen for this study were the same as the sample villages chosen for the socioeconomic surveys of the 1st to 3rd sub-rounds in most cases and in some cases upto 5th sub-round of 19th
round. Within these sample villages no separate listing of non-household establishments was done. In the
course of enquiry for the listing schedules 0.1 and 0.2 of 19th round of NSS the enterprises found belonging
to the category were recorded in block 5.5 of the listing schedules and utilised for this enquiry. No probability
sampling for selecting enterprises within the sample villages was undertaken.

From the totality of interprises listed in each state block 36 enterprises were to be selected on purposive basis—6 each from manufacture, transport and trade separately from the rural and urban areas. If in any category the number of enterprises available was less than 6, then the deficit in that category was to be made good by selecting more than 6 from those categories where more than 6 enterprises were available. But with the exception of one state block, in all the state blocks the number of enterprises chosen were fewer than 36 as can be seen from the table below.

TABLE (1): The number of non-household non-registered enterprises actually surveyed by their nature.

rl.		state	e bloc	k					rural		ur	ban	
no.								manu- facture	trans- port	trade	manu- facture	trans- port	trade
(1)			(2)					(3)	(4)	(5)	(6)	(7)	(8)
1	Andhra Pradesh (cast)		347	1		(B)	310	3	14.	3			
2	Andhra Pradesh (west)		- 0		*			26	1	4			
3	Bihar (north)					290		7	100	7	2		
4	Gujarat	20	1/4		176	16 8	-	4	900	13			- 105
5	Madras (south) .	*55		51	11811			20	**	15	1		- 4/2
6	Maharashtra (west) .		*	100	- 60	360	200	8		11	3		-
7	Madhya Pradesh (west)						5.		25		1		
8	Punjab		1985		100	3.	30	6	(4. B.C.	22	1		
9	Rajasthan		12.01			100	-	16	11 100	12	3	100	

^{*} The draft report (No. D. 173) was first submitted by the Indian statistical Institute, Calcutta to the Government of India in June, 1967. It was revised subsequently and resubmitted in August, 1968.

Table (2): Percentage of villages/blocks with at least one non-household non-registered enterprise and the precentage of enterprises shown in listing schedules which actually belonged to non-household non-registered enterprises

3 2 2 2 2 2 2 3	Andhra	Pradesh	Bihar (north)	Guj	arat	Madra	is (south)	Mahara (west		Madhy (w	a Pradesh est)	Pun	jab	Raj	jasthan
	rural	urban	rural	urban	rural	urban	rural	urban	rural	urban	rural	urban	rural	urban	rural	urban
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
number of villages or urban blocks covered.	345	194	216	84	153	5	288	133	12	5	194	91	321	150	377	213
number of villages/blocks with at least one non-household non - registered enterprise.	56	14	55	7	129	5	40	3	10	4	17	6	40	7	46	8
, percentage of (2) to (1)	16	7	25	8	84	100	14	2	83	80	9	7	12	5	12	4
, number of enterprises contacted for survey.	120	45	66	9	44		44	2	23	10	23	9	48	22	36	9
ing to the category non-household non-registered enterprises.	37		15	4	24		35	1	23	9		2	38	1	29	7
percentage of (5) to (4)	31	0	23	44	55	F7 4 5	80	50	100	90	0	22	79	5	81	78

N

The figures given in the above table are the number of enterprises actually surveyed. The number of enterprises contacted for purposes of this study was much more than the figures shown above. Out of 1906 villages and 875 urban blocks whose listing schedules were perused, only 21 per cent of villages and 6 percent of urban blocks were observed to contain at least one non-household non-registered enterprise. This percentage requires to be corrected for the error in noting an enterprise mistakenly as non-household non-registered enterprise at the time of listing, which actually was detected in many cases when investigators contacted the enterprise for investigation. This type of error occurred in as many as 50 per cent of cases in rural areas and 23 percent of cases in urban areas. This error occurred in the listing schedule because the definition of non-household non-registered enterprise was not properly followed. As a result many of the enterprises shown as nonh-ousehold non-registered enterprises in the listing schedule were found on physical verification later to be registered enterprises or non-existant.

3. Some aspects of non-household non-registered enterprises.—Even allowing for the inadequacies that may be present in the procedure adopted to locate the non-household non-registered enterprises, it may be said that this type of enterprises, viz., non-household non-registered enterprises, were very few in the country during the time the pilot study was conducted. The enterprises observed under the category were either engaged in manufacture or trading. The number of enterprises that come under "non-household non-mechanised transport" can be considered as almost negligible. Out of a total of 202 enterprises covered for this study only one enterprise was engaged in non-mechanised transport. It has also been observed that the percentage of urban blocks with at least one non-household non-registered enterprise is much less than the corresponding figure for rural areas. It is likely that it is so because the chances of an enterprise being registered is more in urban areas than in rural areas.

These enterprises were mostly managed by Co-operative Societies. Out of a total of 202 enterprises surveyed in all the state blocks only four enterprises in Maharashtra were managed by public trust, the rest were owned by Co-operative Societies. In some cases a group of workers, say weavers, formed a co-operative, distributed work amongst themselves and shared the profits. In certain other cases the co-operative society engaged workers on contract basis. These two types of enterprises in some cases did not have any land or buildings or even tools. Only 51 enterprises out of a total of 101 manufacturing enterprises have been productive during the reference month. They produced a variety of goods like handloom cloth, oil and oil cake, tanning, jaggery, chappals, toys and fancy articles to mention few. The figures on percentage of value added to total input for the enterprises covered is given under separately by state block.

TABLE (3): Percentage of value added to total input (during the reference month) by manufacturing enterprises separately by state blocks

srl.		state	bloc	k												o. of terprises	percentage of value
about .	1 31/b															orprises	added to total in- put
(1)	N. Contraction	(2)			7. 5		THE STATE OF THE S		SE STATE		18	100				(3)	(4)
1	Andhra Pradesh		100			1965						19	77.0	11	_ 6	12	
2	Bihar		1	4	1						0			1		12	30.6
3	Madras .	-			IIA.		-	-	100			100	1 60	und y	8878	of the law of	0.5
4	Maharashtra								1					*.	200	13	42.9
					-	69	2	570	3	*	1		1000		50.2	11	31.0
5	Berthing wind	5 5	metal	0.20		100	100	-				y 10				2	58+8
6	Rajasthan .		OLES.	10-		300			-	5 50	THE LAN	THE PERSON NAMED IN	PILE	W. Par	124	6	0.0

The trading enterprises mostly were engaged in the sale of consumer items. The items which have been in short supply like rice, wheat, sugar and fertilisers were normally sold by these enterprises. Some of them were agricultural servicing societies. They receive fertilisers from government on long-term credit and distribute them to their customers.

4. Observational errors.—The major source of information for the blocks constituting the schedule of enquiry was records. These records were maintained for calendar months and or accounting year. The accounting year with regard to the months it covered changed not only from state to state but also within a state. In many cases the baiance sheet and profit and loss accounts of the enterprise that were available were not for the immediately preceding year. Since the reference period chosen for the various blocks of the schedule were a month and year preceding the date of survey and not calendar month or the accounting year of the enterprise, the investigators had to rely on the informants memory and imputation methods for obtaining the data. Even though, as the investigators had often remarked, the records were maintained accurately coversion of data to relate to the reference period as adopted in the schedule might have made the data less accurate. Adoption of calendar month or accounting year of the enterprise as reference periods for the schedule would not only increase the accuracy of the data collected but also reduce the work load on the investigators. In some cases the records from which the data was collected were incomplete though in many cases they were stated to be reliable by the investigators. In a few cases where a single society owned two or more enterprises, the accounts were maintained jointly and not separately for each enterprise. These lead to various types of non-sampling errors in the data. Only some of the typical errors have been listed here.

- (i) Normally the date on total capital, fixed capital and working capital should be bound by the equation total capital=fixed capital+working capital. In majority of the cases this agreement was not found. Only in the state blocks—Maharashtra and Punjab—was this agreement found in majority of the schedules. Since the information on total fixed and working capitals had to be obtained as on the date of survey and since upto-date records were not available for most of the enterprises, it may be presumed that this type of error has resulted largely from non-avilability of upto-date records. It was also noticed that in the state blocks of Maharashtra and Punjab the records were more upto-date in many cases than in other state blocks, which might be a plausible explanation for the lower frequencies in this type of error in these two states compared to others. It is also likely that lack of timely audit had caused this error.
- (ii) (a) Every enterprise must be in possession of some land or shed and buildings either owned, rented or taken free of rent. In a few enterprise schedules it was found that no entry exists against these items in block (4).
- (b) Another type of error while filling up entries relating to fixed capital was noticed. A manufacturing enterprise must have some tools and implements to operate its enterprise. But in a very few cases it was observed that no entries were recorded against the item—tools and implements.
- (c) Another error belonging to this category was noticed for trading enterprises. All enterprises trading in consumer goods, fertilisers and such must have at least a balance and weights. When no entry existed for the item "tools and implements" it was checked whether "balance and weights" was entered under others. In many cases this was not entered. This type of error was found to be predominant in the state blokes—Punjab, Madras and Rajasthan.
- (iii) In some manufacturing enterprise schedules some omissions in entering the raw materials consumed by the enterprise were noticed. This was particularly so with regard to handloom enterprises. Only yarn was shown as raw materials. Other raw materials that may be required for bleaching and dyeing were
- (iv) Antother error that occurred in trading enterprise schedules was the omission of transport charges in block (15) of the schedule when considerable quantities of merchandised was shown as purchased in block (19). This was a frequent even though a simple mistake noted.
- (v) Inconsistencies in the figures of input and output of manufacturing enterprises were also noticed in some cases. Other minor and less common errors detected were no mention of tools and implements or plant and machinery for a manufacturing enterprise, inaccuracies in the reporting of wages paid or persons employed on wages etc.

TABLE (4): Frequency distribution of errors by types of error and state

state			_			type of error		abold a	State -	1	-
				type	type 2(a)	type 2(b)	type 2(c)	type 3	type 4	otne s	of sche-
(1)			180	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. Andara Pradesh		1		34	3	2	i i	2	(and	4	37
2. Bihar	1980	10		17	2	1	***	2	15.5	5	18
3. Gujarat .	*	100	1	17.	2 22	1	3	1	1480	28	17
4. Madras .				36	2	3	9	4	4	1	36
5. Maharashtra	1			6	4	- 100	5	2	3	4	28
6. Madhya Pradesh		100		2.				140		200	2
7. Punjab				2	2	**	20	1	14		29
8. Rajasthan .		1		35	2	1	12	1	8	4	35

It is difficult to trace the source of these errors. It is likely that most of these errors occurred because the records from which information was collected for most of the blooks, were incomplete with regard to detail and outdated to be informative. Also most of the records could not be said to have been maintained accurately because in many cases no person was employed to keep records or even if employed they were not conversant with the procedure of book-keeping. This type of deficiency in records stands as a serious shortcoming in the collection of data on non-household enterprises through surveys. The data that is collected will be as accurate as the records that are maintained by these enterprises.

- 5. Source of information.—As stated earlier the information for most of the schedules was obtained from records or where no records were available whatever the informant could tell from recollection was accepted. Some of the records which were made use of for filling the various blocks of this schedule are listed below.
- Block 1.—General particulars: Only two state blocks reported the names of records from which the data was collected for filling this block. In Andhra Pradesh these were final audit report, Byelaws, Admission register and Registeration Certificate. In Rajasthan they were Audit Report, General Correspondence Member Register.
- Block 4: Inventory of fixed capital: The names of records used for purposes of this block varied from state to state. In Andhra Pradesh they were cash book & vouchers, in Gujarat it was Dead Stock Register, in Madras they were General Ledger, Furniture register, Cash book and Audit report, in Maharashtra they were Dead-stock register, Accounts book and Balance sheet, in Madhya Pradesh and Punjab they were Accounts Ledger and Cash Book and in Rajasthan it was mostly Register of Accounts and Dead stock.

Block 5.—Source of capital: In the states of Andhra Pradesh, Bihar, Madhya Pradesh and Madras the records used for purpose of filling this block were General Ledger, Cash book and Audit Report. In a small number of cases reported in Gujaratthe source was Members share register. In Maharashtra the source was Balance sheet and Accounts book, whereas it was mainly Ledger in Punjab. In Rajasthan the source was mostly Register of Accounts and Dead Stock.

Block 6.—Transactions of fixed capital: The source of information for this block was General Ledger, Cash book, vouchers and Bills in the states of Andhra Pradesh, Madhya Pradesh, Maharashtra and Punjab; Cash register in Bihar; Dead Stock Register in Gujarat; General Ledger, Furniture register and cash book in Madras; Register of Accounts and Dead stock in Rajasthan.

Block 7.—Fuel, lubricant, raw material and auxiliary material: The source of information for this block was mostly Monthly Statement and Stock register in Maharashtra and Register of Accounts and Dead Stock in Rajasthan while in the rest of the states it was General Ledger and Stock Register.

Block 8.—Inventory of working capital: The information for this block was obtained from many records. In Andhra Pradesh the sources were cash book, Pass book, Stock register, chalans and Ledger entries; in Bihar they were Cash book and Balance sheet; in Gujarzt it was mostly Pass book, in Madhya Pradesh they were Cash book and Ledger; in Madras they were Stock register, General Ledger, Day boon, Balance sheet, Cash book, Pass book & Postal Account; in Maharashtra they were Balance sheet and Account books; in Punjab they were cash book and Account Ledger and in Rajasthan it was Register of Accounts and Dead Stock.

Block 9.—Employment on wages: The source of information for this block was Muster register in Maharashtra while it was cash book and pay bill register in the other states.

Block 10.—Particulars of marketing of finished products: Sale register was mostly used for ascertaining information for this block in all the states. Monthly statement and Products stock book were used in addition to sale register in Maharashtra and Madras respectively.

Block 11.—Gross income from industrial services: Only a few of the sampled enterprises had income from industrial services. As such in a few cases the information on source for this type of data was furnished, The few states where such information was given it was either Cash book or Ledger.

Block 12.—Particulars of production, sale and stock of finished products: In most of the states the information for this block was obtained from Sale, Stock and production register. In addition to this in some cases monthly statement and Cash book were also used.

Blocks 13 & 14.—Particulars of power animals: With the exception of Andhra Pradesh, Madhya Pradesh, Maharashtra and Rajasthan all the other states did not report any source of information for these blocks. In Andhra Pradesh and Madhya Pradesh the source of information was Cash book and Ledger, in Maharashtra it was Account book and in Rajasthan it was Register of Accounts and Dead Stock.

Block 15.—Other expenses: The source of information for this block was mostly Cash book or Account book. It was Cash book, General Ledger, Voucher or bills in Andhra Pradesh, Expenditure register in Bihar, Cash book & Ledger in Madhya Pradesh, General Ledger, Cash book and postal account in Madras, Account books in Maharashtra, Cash book in Punjab, Register of Accounts and Dead Stock in Rajasthan.

Blocks 16, 17 & 18.—Utilisation and movement of vehicles and income from transport: Information on the source of data for these blocks was not furnished in any state except Andhra Pradesh and Madhya Pradesh where in the few transport enterprises covered Cash book & Ledger were used.

Block 19.—Particulars of sale, purchase and stock of merchandise: The information for this block was obtained from Sale & Stock register in all the states. In addition Bill book in Andhra Pradesh, Voucher book in Gurjarat and Madras, Account book in Maharashtra, Register of Accounts and Dead stock were used.

6. Enquiry time.—While collecting information for the schedule on non-household non-registered enterprises, the investigators maintained separate accounts of the time spent by them for various operations of the survey. This information on time requirement was collected for 11 components of survey work. In the table below is given the average number of visits made for each enterprise and the average time taken for filling each schedule. It may be noted that the variation in the average time taken for filling the schedule was largely due to the variation in the number of visits made. In Madras and Madhya Pradesh this information was not available separately by nature of enterprise. However, the combined figure on average time taken was 6.9 hours per unit of enterprise in Madras.

TABLE (5): Average time taken for enquiry and the number of visits made for each schedule

		A STATE OF THE PARTY		rural					urk	an		
state	non-fa	ctory manu	facture	non-r	egistered	trade	non-fac	tory man	ifacture	non-	registered	trade
State	total survey- ed	ge time	average no. of visits	total sur- veyed	avera- ge time	average no. of visits	total sur- veyed	avera- ge time	avera- gc no. of visits	total sur- veyed	avera- age time	avera- age no.o. visit
(1)	(2)	(3)	(4)	(5)	(6)	(7,	(8)	(9)	(10)	(11)	(12)	(13)
Andhra Pradesh (c. Maharashtra (west Punjab Rajasthan Gujarat Bihar (north)	ast) 29) 8 b 15 4 7	8·0 7·4 6·4 6·6 7·9 7·2	3 3 2 3 2 2	7 11 22 14 13 7	7·2 6·2 9·0 9·6 6·1	2 2 2 4 2 2	3 1 3	7·3 6·0 9·3	3 2 4	6 4	12·3 10·3 7·0	; ; ; ;

7. Comparison of rural and urban enterprises.—A total of 178 enterprises in rural areas and 24 enterprises in urban areas were surveyed in all the 9 state-blocks. The distribution according to nature of enterprise is as follows:

A STATE OF THE PARTY.									rura	1	urba	ın
nature of enterprise									frequency	percen- tage	frequency	percen- tage
(1)	-	230						Mary .	(2)	(3)	(4)	(5)
Contract Con			-	W.			20	7	90	50+5	11	4.8
1. non-factory manufacture	HAS					303	*		10	0.6	371	0.0
non-mechanised transport non-registered trade	-	3		39.3	iop:		-	- 1	87	48.9	13	54-2
total					Ne	100			178	100.0	21	100

The above table shows that almost no enterprise on non-mechanised transport existed in the sample villages or sample blocks covered. Subject to the limitations in representativeness and coverage inherent in the sample of enterprises considered for this survey, it may be conjectured that the number of non-household enterprises engaged in non-mechanised transport is negligible in the 9 state blocks covered. One point of difference observed between rural and urban areas (c.c. Table 2) is that the percentage of blocks with at least one enterprise of the type under enquiry is significantly lower than the corresponding figure for rural areas in all the state blocks covered. Though there is no observed difference between the distributions of enterprises by present value of fixed capital, the same cannot be said about number employed.

Frequency distribution and percentage distribution of non-household enterprises according to present value of fixed capital in rural and urban areas separately

													rura	d	urb	an
present value (Rs.)	of fix	ен сар	itai										frequen-	percen- tage	frequen- cy	percen- tage
de la tradición	(1))	-		-10.64			-			0	No.	(2)	(3)	(4)	(5)
0-4,999		0.020	14	-	1			10	*		116		43	24-3	5	20-8
5,000- 9,999		1 651	1		(2)			3.5	-	10		•	35	19.8	5	20 - 8
10,000-49,999	*	100		10	*		,				100		70	39.5	9	37.6
50,000-	132	1		-	3940	20		7543 2 4100	12	100	30	-	29	16.4	5	20 - 8
total	*	(0)	-	*	104			-	In cir				177	100 · 0	24	100-0

¹ For one enterprise no information was available.

Frequency distribution and percentage distribution of non-household interprises according to number employed in rural and urban areas separately

-1	numbe	r en	ıpl	oyed											TIL CA	rı	ıral	urb	an
	The same					199	10 11	10		1010				SIN		requency	percen- tage	frequency	percen
(1)		1			-								THE REAL PROPERTY.		-	(2)	(3)	(4)	(5)
0					*	30		7	1			in the	2	-		52	29-2	2	8.3
1				*	12.6	15	. 19	-	(0)			840		*	36	56	31.5	4	16-7
2	*			*	2				1.9			100		-		32	18.0	13	54-1
3		100		•	*	500				- 33		-	*	1		18	10-1	3	12.5
4	*			*:		346	-		199	**						4	2.2	P IS	4.2
5-		3(0)			30				12.0		12	30%		-	V-1	13	7-3	10.00	4-2
11	& abo	ve					*	*	(0)	-					5 %).	3	1.7	**	0.0
	tot	al		(*)		101	-									178	100.0	24	100.0

8. Details on states

Andhra Pradesh

A total of 37 non-household non-registered enterprises located in 19 villages were surveyed for the pilot study. Only one urban block was surveyed but it did not contain any enterprise of the type under study. Their distributution by nature of enterprise is as follows.

non-factory manufacture	222					. 2	9
non-mechanised transport		10	*	140	•//		I
pon-registered trade			-		262		7

The enterprises all of which were owned by co-operative societies had their distribution by capital as follows:

present value of fixe (Rs.)	ed capital					183				1	fi	requency	
	1)								14			(2)	
0—	4,999	-	45			200			14			n	
5,000—	9,999	140		-	-	Vac	2	4	-	25		10	
10,000—	19,999	(4)			*	100						14	
50,000—	- 1		*			285	-6		-	-		2	
total .										-	1	37	

The capital being low, the number employed on wages was also low.

nu	mbe	er em	ploye	d	- 10	- 2								fr	equency	1 1 1 30
	0								16	100	4.7	(218	-		20 -	
	i	340	***		*	100							5305		7	
	2	1			1 1/4	(0)	*		551	*:			(*)		4	
	3	30	*			180			(4)			3.	1001		2	
	4	and	above	anne I		(d)	Hell	ten	De di	100			*	-	4	
100	310	100	total		-	183	1.5		100			(*)		-	37	1000

Of these only 13 enterprises among those engaged in manufacture and only one enterprise among those engaged in trading recorded any business activity during the reference periods of one month and 7 days

The manufacturing enterprises produced a variety of goods:—handloom cloth, woollen blankets, hand-pounding of rice, cane-crushing service, oil & oil cake, chappal, blacksmith and carpentary work, leather, glass beads, water pipes. The trading enterprises traded in fertilisers, sugar, milk and clothing. Some of these enterprises were production-cum-sale co-operative societies. The only non-mechanised transport enterprise reported was a joint-enterprise, combining trade and oil manufacturing enterprises. Some of the trading enterprises worked as credit societies also. It was also reported that some enterprises were carrying on illegal business such as manufacture of toddy while claiming grant for the manufacture of gur.

Bihar (north)

The listing schedules of 216 sample villages and 84 urban sample blocks of 19th round were perused for preparing a list of non-household non-registered enterprises for the pilot study. Out of these only 56 villages and 7 urban blocks were found to contain at least one enterprise of the type under study. However, the pilot study was actually conducted in only 9 villages and 4 urban blocks among them and the total number of enterprises surveyed was 14 from rural sector and 4 from urban sector. Out of these 18 enterprises 9 were non-manufacturing enterprises, 9 were non-registered trading enterprises.

An analysis of enterprises by their outturn or sales during the reference period (one month for the manufacturing enterprise and one week for the trading enterprise) showed that as few as 10 out of a total of 18 were active. Out of these 10 active enterprises 6 were trading enterprises the remaining 4 being manufacturing enterprises. The items of produce of these manufacturing enterprises were dhoti, bed-stead, firewood, rice, mustard oil, while the items of merchandise for the trading enterprises were fertilisers and common consumer goods.

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The distribution of these enterprises by capital invested by them as also the number employed by them is shown in the following tables.

present value of (Rs.	fixed capi	tal	4								frequency	
	1)		-			-		30			(2)	
0-	- 5,000	22)								100	9	4
5,000-	-10,000		 	260	-		. 41	-	017		3	
10,000-	-50,000		-		*	1	*			3	5	
50,000	& above		*		-2				828		1	
total .	100	%		-	1	-	100			*	18	Belle Al

	numbe	r emp	loyed												frequency	
		(1)		2 2		-					-	1			(2)	No. of the
-	0				340	•					78			,	3	
	1							7.0	100		100				3	
	2 !	1	*		17/42			100				*		- ar	7	
	3							820			10.0			5.5/1	3	
	4	& abo	ove	300				-	**					1000	2	
total			(8)		¥.	14	100	4	1/4	21	1	12	2.		18	

Gujarat

Out of a total of 153 sample villages of 19th round as many as 129 sample villages were observed to contain at least one non-registered non-household enterprise. This in comparison with other states is a high percentage. However, only 9 villages out of those were covered for this pilot study and these villages contained in all 17 enterprises of the non-registered non-household category. By nature of enterprise their distribution is as fallows:

non-factory manufacture					4
non-mechanised transport		100		5.	
non-registered trade	1200				13

All the five urban sample blocks surveyed for this study were found to contain at least one enterprise of the type under study. But no enterprise was surveyed. Their distribution by total capital as shown by the table below reveals a rather low frequency in the class above Rs. 50,000 as in other states.

presen	t value of fixed capi (Rs.)	tal										frequency
	(1)				45			18	- 13	T WE		(2)
	0- 5,000	- 20	neg t							-		7
Total Bridge	5,000—10,000										See 100	3
	10,000—50,000		1				100		-	848		4
	50,000— .		30	197	-	-12	100		9	(0)		3
total		-					-	14		189		17

From the point of employment potential of those enterprises the position is not very encouraging, for, only a few were employed on wages. Some members did work on a honorary basis.

numl	er emp	loyed												frequency	
A SHEETS	(1)				-V-	-		3.11	-		1		4-11	, (2)	Action 1
	0 .			Yes	The s		100			16.85				2	Some State of
	1 .													4	
	2 .		and a		100	ii a	196	-		76	1000	*	Spall	4	
	3 .	717					8				191		-	4	
	4 & a	bove	9 4							10	30.0			3	
total							-		100		-	CONTRACTOR OF THE PARTY OF THE	-	17	The same of the same

Most of the enterprises were idle during the period of reference. Only one non-factory manufacturing enterprise was recorded to have had some production activity during the reference period of one month, while 11 trading enterprises transacted sales during the reference period of one week.

Only one item of product, viz., leather, was observed for the non-factory manufacturing enterprises. The items of merchandise observed for the trading enterprises were milk, leather, amul dan, sugar, cereals and other consumer goods, agricultural implements and fertilisers.

Madras (south) block

In this state block the pilot study on non-household non-registered enterprises was convassed in 20 villages and one urban block containing in all 36 enterprises. There was only one enterprise from urban area and this was engaged in manufacture. Among the remaining 35 enterprises all of which were from rural area 20 belonged to non-factory manufacture and 15 belonged to non-registered trade. Out of the 20 enterprises belonging to non-factory manufacture 17 enterprises reported production during the preceding year while 3 enterprises remained unproductive. But all the enterprises in non-registered trade transacted sales during the reference period of 7 days.

Frequency distribution of enterprises by number employed on wages last month

number	emp	loyed														freque	ncy
(1)												. 12	1		(2)	
	0	T						7,848	- X	3.	*	2.	٠,	100	12	- 8	2-10-60
	1			-	7.	7	1 :			1	3 .	333		*		9	
	2					7.80			1.00			(3)				6	
	3		-	-			194		- 100			- 10				7	
	4	and a	bove						3								
					100					01/3				1	1	Since .	and the later of t
-	2	-		13	70.5	13/4		Die.	THE T	man.					.402	36	Sample of the same same
total															200	N. A.	ingelin kibsala

Most of these enterprises have been operating on a very low capital. Only one enterprise engaged in manufacture had its present value of fixed capital owned exceeding one lakh. The frequency distribution of enterprises according to their fixed capital is as follows:

present value of fixed capita (Rs.)											Ou.			
(1)				-				-	-			-		(2)
0-4,999		6				24				. 63	-		*	23
5,000 9,999	 × 243	0.7	. ~	-	1000				48	130		2	100	60
10,000-49,999					1 40			- 12	41	- 24			28	6
50,000 & above	= 10				*		411	E 19	45	100				
total	-	-		-	_	_	=	-	_	_	_		- 2)	-

These manufacturing enterprises were engaged in the production of jaggery, handloom goods or oil and oil cakes. The most common items of merchandise for the trading enterprises were fertilisers, manure and compost, clothing, sugar jaggery milk or baskets. Since all of them have been owned by co-operative societies they have been for med as sales co-operatives for the manufacturing societies.

Maharashtra (west)

A total of 28 enterprises—19 from rural areas and 9 from urban areas—were covered for the pilot study on non-registered non-household enterprises. With the exception of four enterprises which were managed by public trust, all the enterprises were co-operative societies. 17 of them were trading enterprises and the ICM WITE Manufacturing enterprises.

While most of the trading enterprises traded in rice, wheat, sugar and other consumer items, the manufacturing enterprises produced rather diverse variety of goods like dhotis, sarees, hides, skins, tanned leather, chappals, bone manure, oil and oil cakes and soaps. Judged by the amount of capital owned these leather, chappals, bone manure, oil and oil cakes and soaps. Judged by the amount of capital owned these enterprises were being run satisfactorily. Only two enterprises in the rural sector did not show any outturn enterprises were being run satisfactorily distribution of enterprises by fixed capital owned on the date of survey during the reference period. Frequency distribution of enterprises by fixed capital owned on the date of survey and by number employed is as follows:

present v	alue of fixed capital	owne	d										frequen	ey
	(1)	112	in Days		- IF	1900 R	2075	200		I De		TOTAL STATE	(2)	and the state of the
Lious Ship	0-4,999	diam'r.						Turi Turi	- Na		I Feb		11	
- 8	5,000- 9,999	*	I.				20.3		*	V.			6	
	10,000—49,999		Dell'	125	A III	100	16	- ile	101	(Bell	in the little of	or a side	7	
	50,000 & above			*	1	Mis		H.	uning		111	I NOTE OF	10.11	CONTRACTOR OF STREET
total	TO DON'T HOME	100	*	100			U PORT	104	TA IS	-	- 10		28	- HERMAN

n	o. emp	loyer	d									frequ	ency	
	(1)											(2))	
	0	100					100	1	-	-	727		6	
	2 3	& ab	ove	-	-	-	100		- 0		100	. 1	2 3 5	
total		-50						0				3	7	

Punjab block

In all 29 non-household enterprises belonging to one urban block and 17 villages were surveyed. The one urban block contained only one non-factory manufacturing enterprises: The remaining 28 enterprises were from rural areas, out of which 6 were non-factory manufacture and 22 non-registered trade. Most of the trading enterprises were engaged in agricultural credit servicing to their members and trading in rationed and consumer articles. They distribute chemical fertilisers to members on credit. These societies receive fertilisers from state corporation on long-term credit free of any interest to be repaid in monthly instalments equal to the total sale during the month. They get fixed profit on a pro rata basis. Some of these enterprises do both manufacturing and trading.

Evenuenen	distribution	-	antantairea	Time	Gund			200		-		
L'requency	aistriaution	OI	enterprises	ev	nxea	capital	ozmed	Ott	date	at	· C22272225	

present value of fixed capit (Rs.)	al owr	icd							27 11						frequency	
(1)												-		-	(2)	-
0-4,999	0 4	2) 2	14 14	U in	5%		14.3		- %	-	W.	- 7			COR. 0 -3000.2	
5,000— 9,999 10,000—49,999 50,000 & above	:	2 TO 12				2						 71		***	5 11	
total				16			14	*				1900	. 3		+ 29 -	Tridate

As stated already very few of the enterprises could be considered as moderately active. Only 8 enterprises out of a total of 29 surveyed showed moderate production or trading activity. Others were doing meagre business. As such their employment potential was also low.

		-	Date of the	on Amount	and the same	A commence	frequency	
AR A PLAN STA	(1)						(2)	
	0 .	10 30	10000	A DIST	r sym je	AND DESCRIPTION	La oli 5 male alli	and day
and the same	1		* 1 *			1 , ,	15	
	2	mingel,	o tomic			entron all in		
	4 & above	THE REAL PROPERTY.					1	

Rajasthan

Out of a total of 377 villages and 213 urban blocks whose listing schedules were scrutinised for locating any non-household non-registered enterprises only 46 villages and 8 urban blocks were observed to contain at least one enterprise. But actual survey was conducted in 16 villages and 5 urban blocks and these on actual enquiry contained 29 and 7 enterprises respectively. Among them, 35 enterprises were surveyed, 19 being non-factory manufacturing enterprises and 16 being non-registered trading enterprises.

Most of the enterprises did not report any production or trading activity during the period of reference. Out of the 19 non-factory manufacturing enterprises only 5 showed any production during the reference month, while only 6 out of a total of 16 non-registered trading enterprises reported any trading activity during the reference week. The manufacturing enterprises produced toys and fancy articles, oil, shoes, cloth, plough and wooden accessories, finished leather. The items of merchandise of the trading enterprises were sugar, cereals and other consumer items, fertilisers and cotton seed.

The tables below give the distribution of these enterprises by the capital invested by them as also the number employed by them.

present value of fixed capit (Rs.)	al										frequency	
(1)											(2)	Kue
0-4,999			000							1	5	
5,000— 9,999	100			-							7	
10,000—19,999		150				100	12	10		141	Å	
50,000—					94.		20		1			
total					806			2	ia)		35	

numb	er en	ploy	ed												fre	quency	
1000	(1)				1				100							(2)	
1	0		1	3	*)	(4)	4	•	100			100				16	
	1		70		-	140	740			141			160			13	
	2		25				5.07						100			5	
	3			1		-	-									**:	
	4.0	& abo	ove	(*)			100	*	*	-	-	*	100			1	
total	140						241	-	- 50	1-1		-		347	-	35	

Madhya Pradesh (west)

Out of a total of 194 villages and 91 urban blocks only 17 villages and 6 urban blocks were observed to contain at least one non-registered non-household enterprise. However, out of these only 9 villages and 4 urban blocks were surveyed for this study. Only two enterprises both of them from urban areas were observed belonging to the category under study. As many as 20 enterprise schedules had to be rejected during scrutiny because they were registered enterprises. One among them was a manufacturing enterprise and the other trading enterprises. The manufacturing enterprise had about Rs. 18,000 as its fixed capital, employed one chow-kidar but was not in operation during the reference year. The trading enterprise, however, with only a fixed capital of Rs. 167/- was having three persons on its employment rolls. It recorded good sales of cotton and woollen textiles during the reference period of one week.

9. Summary

- 1. About 98 percent of the non-household non-registered enterprises surveyed were co-operative societies.
- 2. The percentage of villages/blocks with at least one non-household non-registered enterprise to the total number of villages/blocks is quite small in both rural and urban areas in all the state blocks covered except in Maharashtra and Gujarat where this percentage is over 80. Also in all the state blocks with the exception of Maharashtra and Gujarat these percentage figures were appreciably lower in urban areas than in rural areas (vide Table 2).
- 3. These enterprises are few in number and most of them are in a poor state of working with low fixed and working capital and low output. In view of this, the employment potential of these category of enterprises is likely to be low.
- 4. The enterprises surveyed with the exception of one which was engaged in non-mechanised transport were either manufacturing enterprises or trading enterprises.
- 5. The major source of information for the blocks constituting the schedule of enquiry was records. These records were in many cases incomplete with regard to detail and not upto date. They were maintained for calendar months and or accounting year and these were different from the reference month and reference year adopted for the enquiry. These lead to some omissions in data collection and also to inaccurate data.
- 6. Since these enterprises were observed to be few and scattered and since no information about their number at the village or any other level is available cost of taking a probability sample of these enterprises is likely to be high in all the state blocks covered except Maharashtra and Gujarat. However, since a good percentage of these enterprises are being managed by co-operative societies possibilities of preparing a frame of them from the records of the co-operative departments of the various state Governments should be explored.

GOVERNMENT OF INDIA NATIONAL SAMPLE SURVEY: 1964-65 Pilot study of non-household enterprises Schedule of enquiry

ORIGINAL DUPLICATE

RURAL/URBAN*

(Nineteenth Round)

[1] general particulars			
I. name of establishm	nent		
2. nature of non-hous (a) non-factory n (b) non-mechanis (c) non-registered	ehold enterprise nanufacture ed transport	: <u> </u>	
(iii) tehsil/ta (v) house n	luk/thana/town* umber and street		
5. type of ownership	: joint stock co	ompany/co-operative society/other non-ho	susehold* (describe)
6. name of owner-or			(4.00.00)
7. nature of liability	: limited/unlim	nited*	
9. does the owner-org blishments (na	anisation operate me, address, na	other establishments: yes/no*, if yes, ture):	give details of other esta-
10. whether balance sl	neet and profit ar	nd loss account available : yes/no*	
(a) if yes, to w	which period the	ey relate	
(attach the latest	e next balance sh	heet and P/L account be available	
[2] details of investig		as sider and 1/12 account with the schedu	ile)
-			Mark Control of the C
1. name of investigator	c	2. roll	no
3. date (s) of operation	n		
4. number of visits ma	ide		
order of visit	date	duration of visit (minutes)	remarks
1st visit			
2nd visit			
3rd visit			
4th visit	In the state of th		
5th visit			
5. particulars regarding	g informants		
srl. no. name of i	nformant	informant's role and designation	in the enterprise
1.			
2.			
3.			
4.	THE STATE OF		
6. additional sheets:	PRESTA	7. date of despatch of sch	edule
page no.	BEALE OF	8. signature of investigate	or
no, of sheets			
*delete whichever is			

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-	others (describe)			13-11-11	- 1-0								6	profit used as capital	10
8														other (describe)	
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(1)	(2)	(3)	(4)		(5) (6)	(7)	(8)	(9)		(10)	()	(-2)			
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fuel and lubricants	-			-											
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	[8] inv	entory of working capital on date of s	survey		[9] employm	ent on wage	es during las	t month/	last cal	endar n	nonth			1	
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1	cash in h			no.	name of we	orker	category	sex	age	WOLKOG	incash	in kind	total	days	
2	cash in b	ank		(1)	(2)	No. St.	(3)	(4)	(5)	(6)	(7)	(8)	(9)		
3	stock of f	finished products/merchandise			The same				1100					-	
4	stock of p	partly finished products					1000	Long					150	-	
5	stock of fi	uel, raw material etc.				H Tax					-		-		
6	debtors		41		Park Told	The line				-				1	
7	others									-	-	-	-	-	
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10	total work	king capital		-	total		×	×	×	1	1 300	1			

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