

NEPAL

NATIONAL INDUSTRIAL SURVEY

2019/20

PROVINCIAL REPORT : SUDUR PASHCHIM PROVINCE



Government of Nepal
National Planning Commission
Central Bureau of Statistics
Kathmandu, Nepal

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Phone : 977-1-4229406, 4245946, 4245848, 4245948

Fax : 977-1-4227720

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Government of Nepal National Planning Commission

Vice-Chairman

MESSAGE

It gives me great pleasure to present this report on the National Industrial Survey 2019/20, which includes four NSIC sections for the first time in Nepal: mining and quarrying (B), manufacturing (C), electricity, gas, steam, and air conditioning supply (D), and water supply, sewerage, waste management, and remediation activities (E). This report is comparable to previous results of the National Census of Manufacturing Establishments and Survey of Small Manufacturing Establishments.

Broad-based economic growth is the sole objective of the government of Nepal. Reliable statistical results of a nationally representative survey can support the monitoring and evaluation of industrial development in the country. The results of this survey will indeed be helpful in assessing the industrial production pattern and structural changes. I am confident that we now have ample opportunity to evaluate periodic plans and economic development issues using this wealth of information. I humbly urge all policy makers, planners, analysts, academia, researchers, private sector, and investors to come forward and help the country benefit from this information. In addition to this, the report can be a very useful reference for private sectors and investors to assess their opportunities in Nepalese industrial sectors.

In the meantime, I'd like to thank the chair and members of the National Industrial Survey 2019/20 steering committee and technical committee for their invaluable contributions. Last but not least, I appreciate and would like to thank all of the Central Bureau of Statistics staff who worked extremely hard and contributed significantly to the success of this survey. Thank you also to the individuals from the industrial sector who have provided direct and indirect assistance with report preparation.

July 2022

Dr. Biswo Nath Poudel



Member

Government of Nepal

National Planning Commission

FOREWORD

It gives me great pleasure to say a few words about the release of Nepal's National Industrial Survey 2019/20 report. For the first time, this survey includes both small and large establishments from four Nepal Standard Industrial Classification (NSIC) sections, namely B: Mining and quarrying; C: Manufacturing; D: Electricity, gas, steam, and air conditioning supply; and E: Water supply, sewerage, waste management, and remediation activities. It has a broad scope and significance in that it provides disaggregated information on the various characteristics of the aforementioned Nepalese industrial establishments.

The findings in this report are also comparable to previous findings from the National Census of Manufacturing Establishments and the Survey of Small Manufacturing Establishments. The results of this survey are critical in the government's development planning, monitoring, and evaluation of development programs and activities. I hope that the survey's extensive information will be very useful for planners, policymakers, researchers and academia, development partners, private sectors, civil societies and investors in formulating evidence based policies and managing development programs.

The Central Bureau of Statistics (CBS) is appreciated for the efforts put in to conduct this survey and produce this valuable report. In the meantime, as a chair of National Industrial Survey Steering Committee, I'd like to thank all the members of the steering committee and entire team of technical committee for their invaluable guidance and contributions throughout the survey. I'd also like to convey my heartfelt thanks to Director General Mr. Nebin Lal Shrestha and rest of the staff of CBS for successfully bringing out the report and making this survey a success. Finally, I'd also like to thank all the other stakeholders who contributed both directly and indirectly to the completion of this survey.

July 2022


Dr. Ram Kumar Phuyal
Chair of Steering Committee



Secretary

Government of Nepal

National Planning Commission

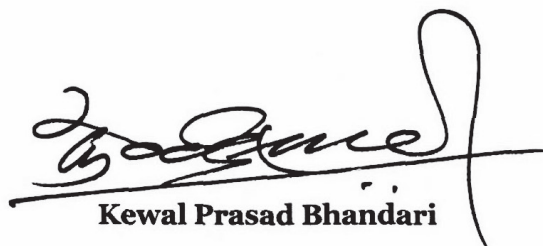
PREFACE

Central Bureau of Statistics has been collecting and disseminating the official industrial statistics of the country through different censuses and surveys. In the previous censuses and surveys of its kind, only manufacturing establishments were taken under the scope. The scope of the industrial survey has been extended to the other three sectors of the economy as per the industrial statistics guidelines and methodology published by the United Nations Industrial Development Organization (UNIDO). These sectors are: 1. Mining and quarrying. 2. Electricity, gas, steam and air conditioning supply and 3. Water supply, sewerage, waste management, and remediation activities. This survey, named National Industrial Survey 2019/20, is, therefore, the first integrated and comprehensive survey of the industrial sector in Nepal in terms of industrial statistics.

It contains detailed information on persons engaged, employment, fixed assets, wages/salaries, input, output, value added, purchase and sales of commodities by central product classification, stocks, social security, safety measure etc. by various industrial classifications disaggregated at the provincial level. I believe that policymakers, planners, industrialists, researchers, and a wide range of other national and international agencies will find the survey results to be a valuable primary source of industrial statistics for their own diverse purposes and interests.

I'd like to take this opportunity to thank the members of the technical committee, as well as all staff and officials of the Central Bureau of Statistics involved in the survey, led by Director General Mr. Nebin Lal Shrestha, for their outstanding efforts.

July 2022



Kewal Prasad Bhandari



**Government of Nepal
National Planning Commission
Central Bureau of Statistics**

Director General

ACKNOWLEDGEMENT

The first census of manufacturing establishments in Nepal was conducted in the year 2022 BS. The census included all manufacturing establishments with ten or more employees. Such censuses were carried out every five years until the year 2068 BS, which was the tenth in its series. Survey of small manufacturing establishments with less than ten employees were conducted once in every ten years using sample selection technique. Recognizing the need for an integrated industrial survey, this survey attempted for the first time in Nepal to cover all four sections of the Nepal Standard Industrial Classification (NSIC), namely: mining and quarrying (B), manufacturing (C), electricity, gas, steam, and air conditioning supply (D), and water supply, sewerage, waste management, and remediation activities (E). This is consistent with the guidelines and methodology for industrial statistics published by the United Nations Industrial Development Organization (UNIDO).

A probability sample design was implemented for the selection of small manufacturing establishments under section C, whereas a complete enumeration, i.e., a census, was carried out for the remaining establishments of NSIC Sections B, C, D, and E.

I am extremely grateful to the honorable vice-chairman of the National Planning Commission, Dr. Biswo Nath Poudel, the chair and members of the steering committee, led by honorable member Dr. Ram Kumar Phuyal, the secretary of the National Planning Commission, Mr. Kewal Prasad Bhandari for their invaluable guidance in ensuring the survey's success.

I would also like to thank members of the technical committee for their invaluable inputs during questionnaire design, field implementation and report preparation. My heartfelt thanks go to Dr. Hem Raj Regmi and Mr. Dilli Raj Joshi, deputy director generals, for their overall guidance and management of the survey.

I appreciate the efforts made by directors Mr. Rajesh Dhital and Mr. Binod Sharan Acharya, who played a prime role in implementing the survey. Former director Ms. Saroj Bhattarai, statistics officers Mr. Jitendra Ranabhat and Mr. Bipin Kumar Panjiyar, the then statistics officer, Mr. Surendra Rawal, computer officer Mr. Suresh Prasad Kayastha, and statistics assistant Mr. Ashok Neupane deserve thanks for their contributions at various stages of the survey's implementation.

The directors and officers of the 33 statistics offices have played a leading role in field supervision and field management of the survey. I heartily appreciate it.

My sincere thanks go to the Federation of Nepalese Chambers of Commerce & Industry (FNCCI) and Confederation of Nepalese Industries (CNI) members who supported the survey data collection and provided feedback and suggestions to make this survey a success. Last but not least, I must recognize the contributions of our enumerators, supervisors, and survey respondents, without whom this study would not have been possible. I want to thank them all.

This report is designed to provide reliable information on the subject matter covered, like employment, wages and salaries, fixed assets, output and input composition, value added etc. I hope the findings from this survey will meet the demands of various planners, policy makers, researchers, industrialists, and different national and international agencies who are interested in the industrial development of Nepal.

CBS always welcomes comments and suggestions from its readers that would be valuable for our similar publications in the future.

July 2022



Nebin Lal Shrestha

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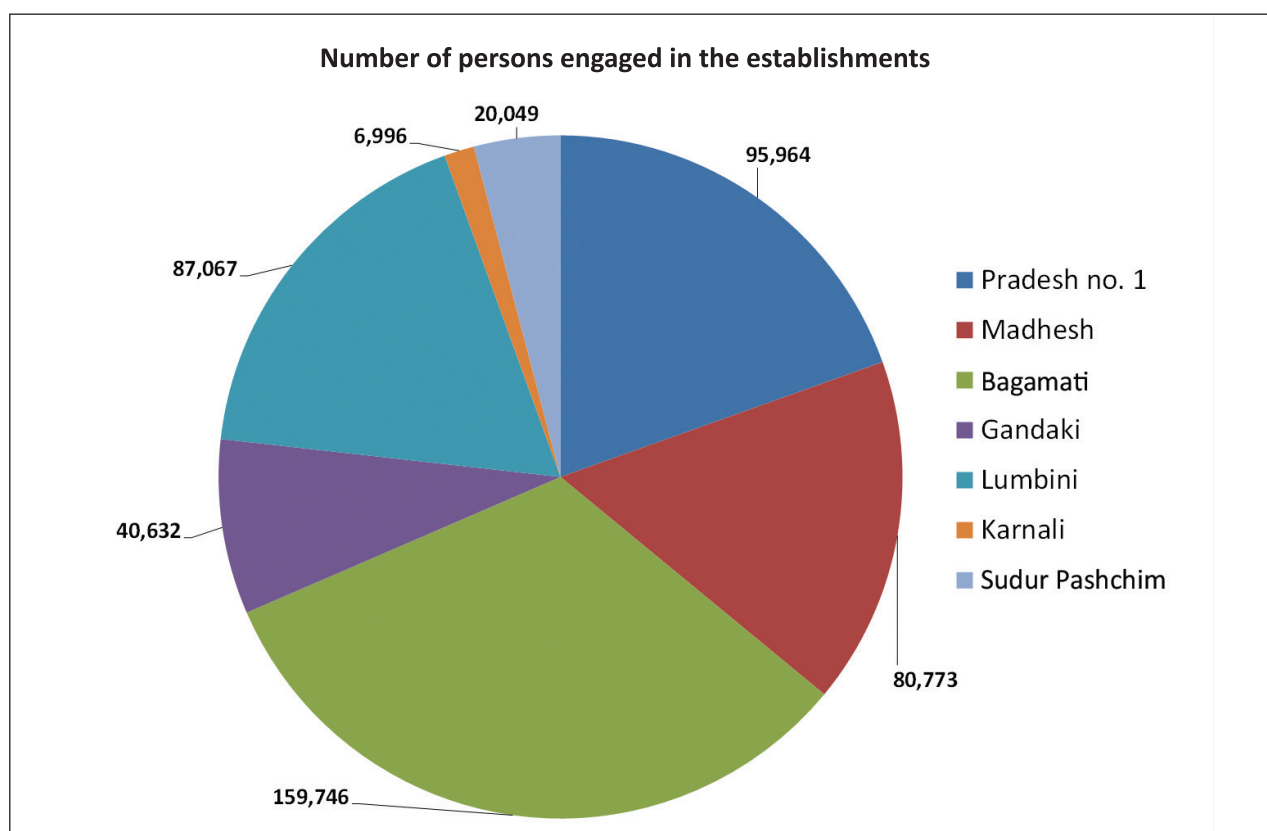
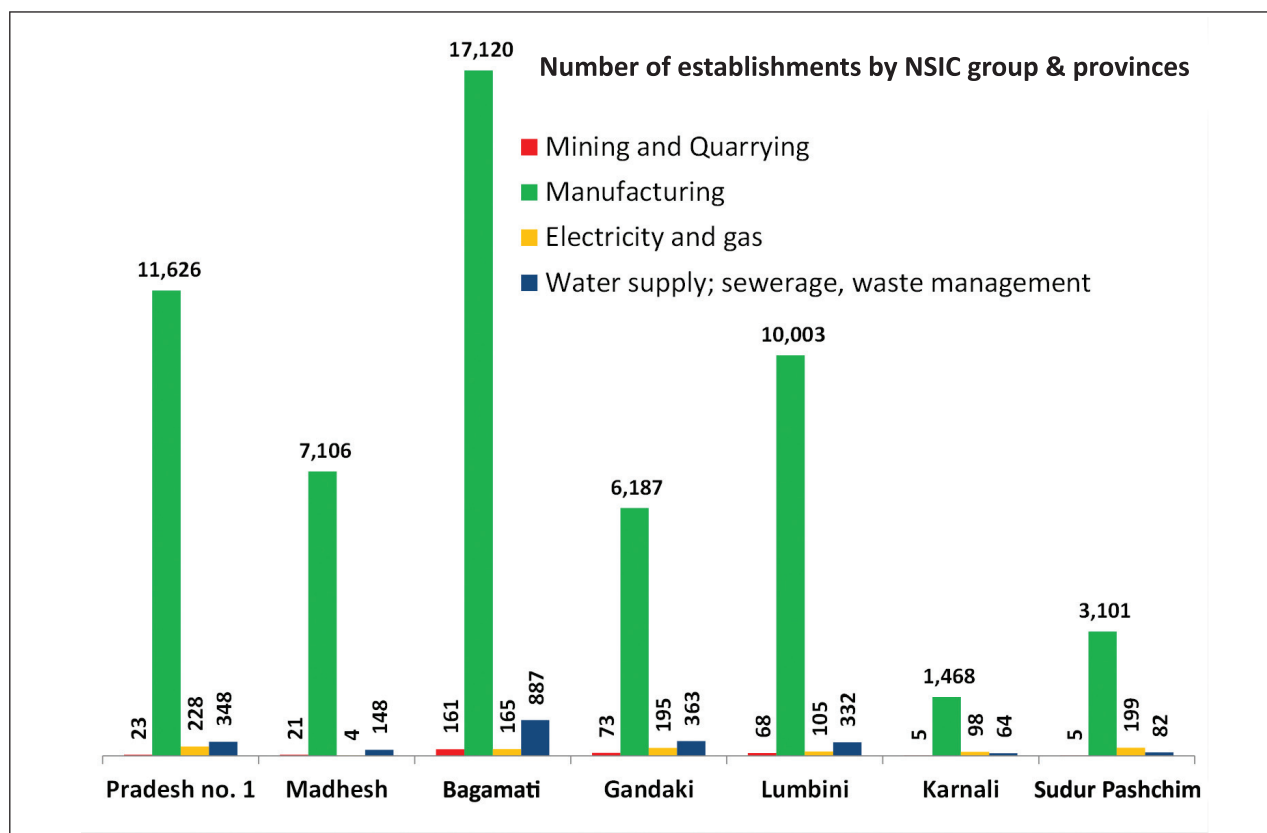
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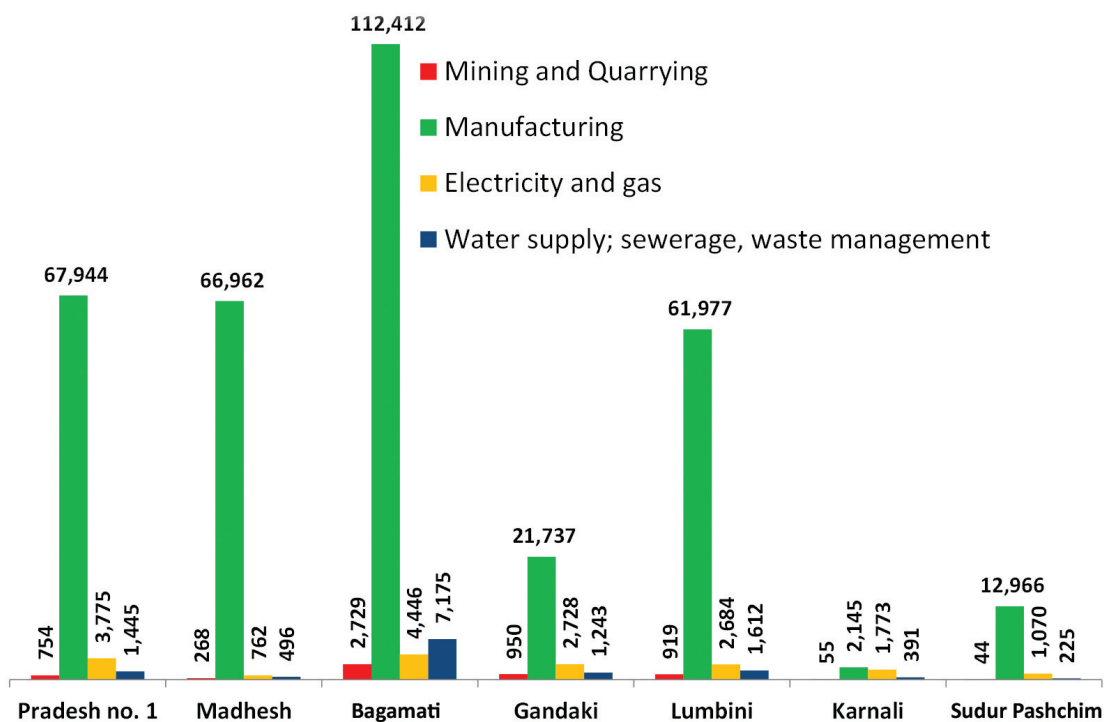
Acronyms and Abbreviations

AEPC	Alternative Energy Promotion Centre
CBS	Central Bureau of Statistics
CME	Census of Manufacturing Establishments
CNI	Confederation of Nepalese Industries
CPC	Central Product Classification
DDG	Deputy Director General
DG	Director General
ECSS	Establishments Census and Survey Section
FNCCI	Federation of Nepal Chamber of Commerce and Industry
GDP	Gross Domestic Product
GoN	Government of Nepal
ISIC	International Standard Industry Classification
MTOT	Masters Training of Trainers
NEC	National Economic Census
n.e.c.	Not elsewhere classified
NIS	National Industrial Survey
NPC	National Planning Commission
NSIC	Nepal Standard Industrial Classifications
SO	Statistics Office
SSME	Survey of Small Manufacturing Establishments
UNIDO	United Nations Industrial Development Organizations

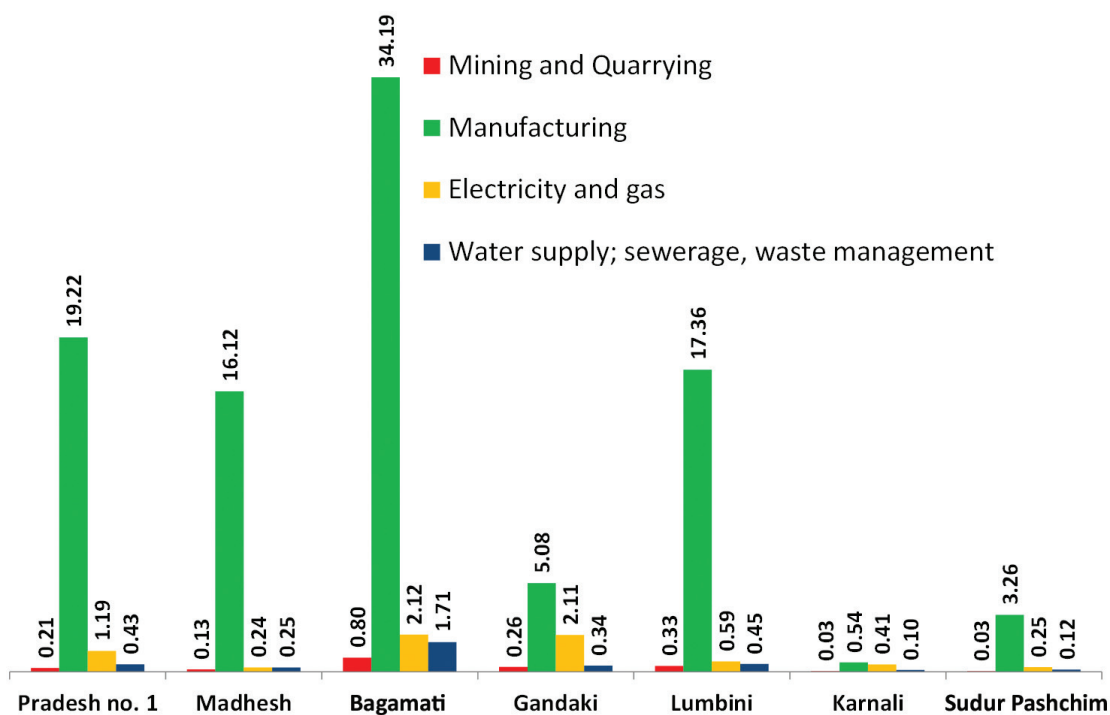
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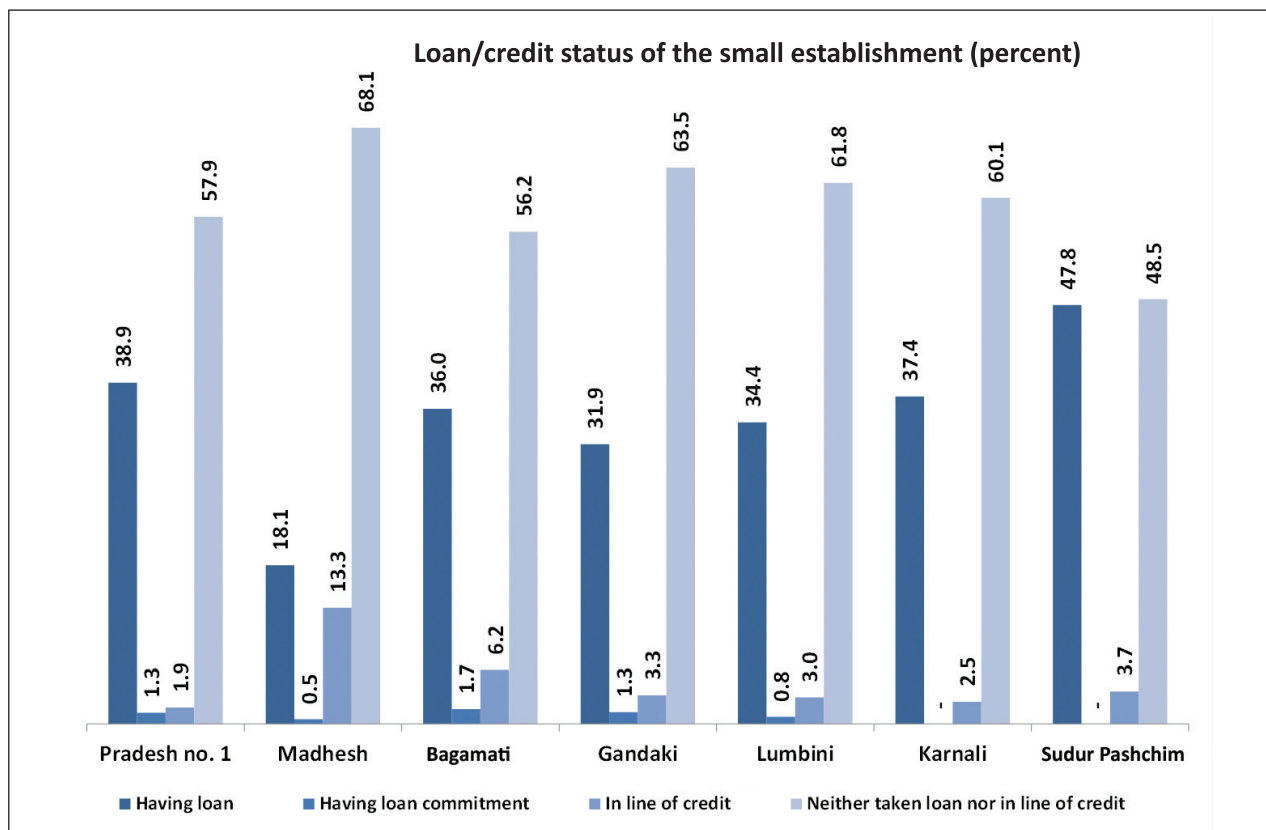
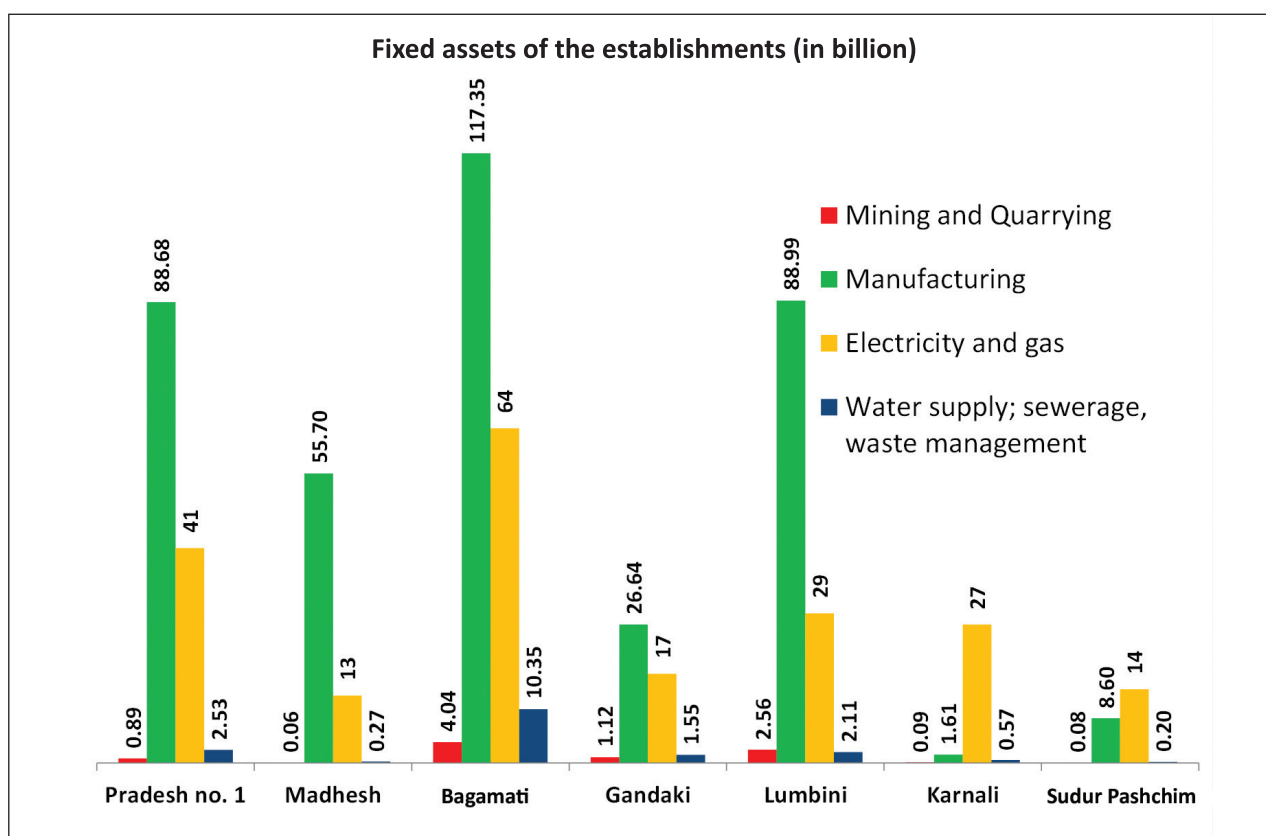


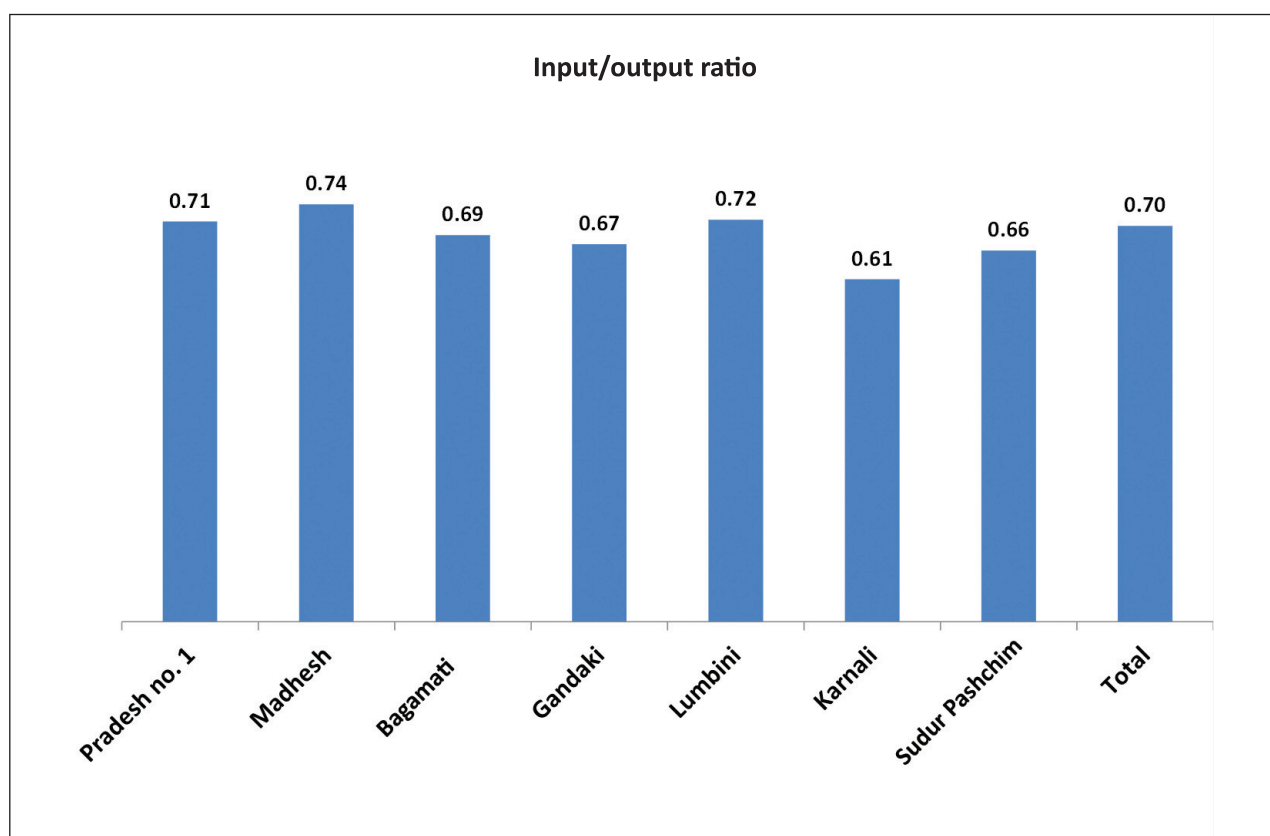
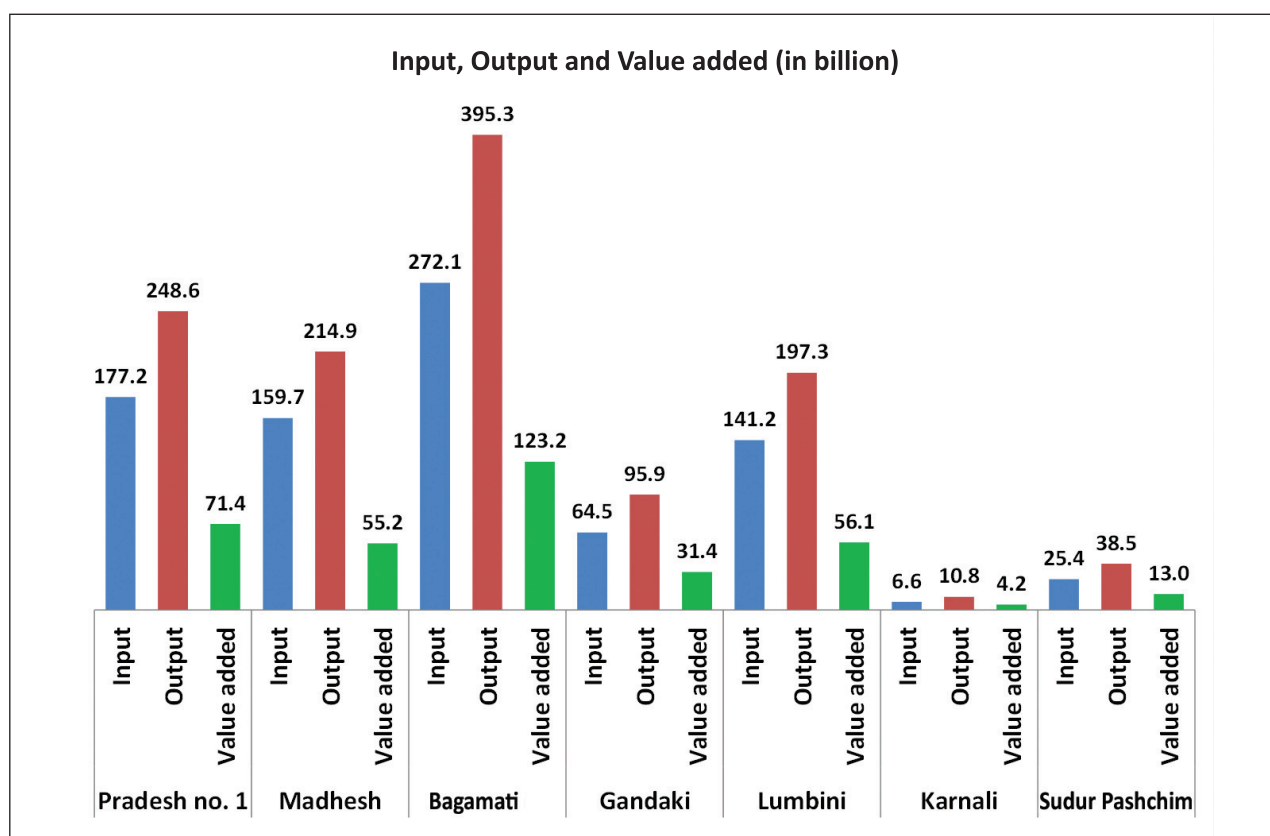
Number of employees in the establishments by provinces



Expenditure on wages, salaries and other benefits by sector (in billion)







CHAPTER I

SURVEY METHODOLOGY

1.1 Introduction

Central Bureau of Statistics (CBS) has been producing National Account estimates and other macro-economic indicators of the country from sector wise economic activities. Agriculture sector occupies largest share 23.95%, (CBS 2022) in the national economy in terms of GDP. The share of the industrial sector to total GDP is around 8.11% (CBS, 2022). Among the industrial sectors, the manufacturing sector (section C of NSIC) covers around 5.65% of the GDP; the Electricity, gas, steam and air conditioning supply (section D of NSIC), the mining and quarrying (section B of NSIC) and Water supply, sewerage, waste management and remediation activities (section E of NSIC) cover around 1.37%, 0.58% and 0.51% of the total GDP respectively. The development of the industrial sector is considered essential because it can contribute not only to expansion of the industrial sector but also affects other sectors of the economy, which in turns supports in poverty alleviation through employment generation and income expansion. Reliable and strong statistical information is thus required to know the current situation of the industrial sector of the country and also for the proper formulation and evaluation of the industrial plans and programs. Keeping this in mind, CBS has been collecting and disseminating the official industrial statistics of the country through regular censuses and surveys.

In the previous industrial censuses and surveys, only the manufacturing establishments were taken under the scope. Now, the scope of industrial survey is extended to other three sectors of the economic activities i.e. Mining and quarrying; Electricity, gas, steam and air conditioning supply; and Water supply, sewerage, waste management and remediation activities. The current National Industrial Survey (NIS) has therefore covered all these four sectors of the economy as defined by the NSIC. This is therefore, the first integrated and comprehensive survey of industrial sector in Nepal, in terms of industrial statistics.

Nepal has a long history of conducting the manufacturing censuses and surveys. The first Census of Manufacturing Establishments (CMEs) was conducted in 1964/65. After that, it was conducted regularly in almost every five years. CMEs had covered those establishments which perform the manufacturing activities and have 10 or more persons engaged. It was continued upto 10th CME held in 2011/12. For the establishments with less than 10 persons engaged, CBS had conducted Sample Survey of Small Manufacturing establishments (SSMEs) in every 10 years. Begun in 1972/73, CBS had already conducted the 5th SSMEs in 2008/09. Both CMEs and SSMEs provide the comprehensive information on number of establishments, total number of employees, wages/salaries, input/output and other information on the manufacturing sector.

This NIS has covered both the large establishments (10 or more persons engaged) and small establishments (less than 10 persons engaged). It also includes other three sectors of the economic activities as mentioned above. The NIS, 2019/20 is the 11th series in terms of census operation whereas it is 6th series in terms of survey operation as in its history.

1.2 Objectives

The broad objective of the NIS 2019/20 is to provide the status and characteristics of industrial sector of the country for policy makers, planners, researchers, industrial communities and other various users.

The specific objectives are to provide:

- the basic structure of industries operating in the reference period,
- statistics on employment in industrial establishments,
- input/output structure of establishments by industrial sector,
- statistics on industrial establishments by provinces, and
- information on environmental aspect of the industrial sector.

1.3 Reference Period

The reference period of NIS 2019/20 is fiscal year 2075/76 (17 July 2018 to 16 July 2019). However, the reference period was fixed at 2075 Magh 1 (Jan 15, 2019) for collecting number of persons engaged in the establishments.

1.4 Survey Scope

Economic activities under section B, C, D and E of NSIC were included in scope of the survey based on following criteria.

- All establishments which were registered at least one government entity, were included in the survey.
- Establishments which were not registered to any government entity but engaging 10 or more persons or at least one paid employee, were also included in the survey. In other words, all unregistered establishments with less than 10 persons engaged and no paid employee were excluded in the survey. The details of the economic activities that were covered in the survey are listed in annex 1.

1.5 Enumeration Units

The enumeration unit in NIS 2019/20 was considered as an "establishment". The establishment for the purpose of this survey was defined as follows.

"The establishment is defined as an economic unit that engages under a single ownership or control that is under a single legal entity-in one or predominantly one kind of economic activity as defined in section B, C, D and E of the NSIC."

1.6 Survey Questionnaires and Manuals

Initially, a single questionnaire (main questionnaire) was administered for the data collection. After the COVID-19 pandemic, an additional questionnaire was also included in the survey. The main objective of the additional questionnaire was to measure the effects of COVID-19 lockdown (24 March 2020 to 21 July 2020) in industrial sector at the national level. Both questionnaires were initially drafted by CBS and finalized by intensive discussion with stakeholders. The major stakeholders participated in discussion programs were government ministries, departments and private sectors such as FNCCI and CNI. The major areas covered by the main and additional questionnaires are as follows.

Contents of main questionnaire:

- Introductory information about establishments,
- Organizational structure,
- Employment,
- Fuel consumption, water and electricity purchased and sale,
- Purchase of raw materials,
- Production and sale of goods and services,
- Stocks,
- Expenses and income on industrial and non-industrial services,
- Valuation of fixed assets,
- Research and development,
- Utilization of Production capacity,
- Environment and waste management,
- Factors affecting business environment of the establishment, and
- Miscellaneous.

Comprehensive data collection manuals for the questionnaire were also prepared. The manual was used by enumerators and supervisors while collecting data. Concepts and definitions of technical terms, methodology and objective of survey and objectives of each question in the questionnaire were explained in manual.

1.7 Pre-test and Pilot Survey

A number of pre-tests of the draft questionnaire were performed in different parts of the country covering wide varieties of industries in the sections B, C, D and E. The feedbacks obtained from respondents and the issues identified from pretests were incorporated while finalizing questionnaires and manuals.

A pilot survey was also carried out in FY 2075/76 (2017/18). It was conducted in various places covering the different geographic and economic activities. The pilot survey had provided insights the deficiencies that have to be resolved during the main survey. It had also provided the average time taken to fill a questionnaire and estimate of total cost of the survey.

1.8 Sample Design

1.8.1 Sampling Frame

The frame of the survey was developed basically from the list of the National Economic Census (NEC) 2018. The list of establishments from NEC 2018 contains the complete name and address of establishments along with other variables such as annual income, annual expenditure, number of persons engaged etc.

Before deciding about sampling methodology, the nature and characteristics of NEC 2018 frame was reviewed and considered it as a main frame. Beside main frame, the lists of currently running micro hydro-powers and waste collection/disposal industries were also updated to the main-frame. Those lists were obtained from AEPC and Federation of Waste Collection and Disposal Industries.

1.8.2 Stratification

Separate survey scheme was designed for each section of NSIC covered in the survey. Industries in section B, D and E of NSIC were completely enumerated, in case of section C of NSIC both complete enumeration and sampling method were adopted based on the following criteria.

- For large manufacturing establishments (if number of persons engaged was more than or equal to 10), all establishments were enumerated.
- For small manufacturing establishments (if number of persons engaged was less or equal to 9), sampling method was adopted. However, if number of establishments in each province at 4 digit NSIC level was less than 5, then such establishments were completely enumerated to ensure their representation in the survey.

For small size establishments of section C, three categories were made based on number of persons engaged i.e. 1-2 persons engaged, 3-5 persons engaged and 6-9 persons engaged.

Using these categories, strata were made based on province, NSIC and persons engaged categories. The total number of establishments in the sampling frame for small size establishments of manufacturing section by province is presented in Table A.

Table A: Total number of establishments in the sampling frame by province and persons engaged category (for small size establishments of section C)

Province	Persons engaged category			
	1-2 persons	3-5 persons	6-9 persons	Total
Province no. 1	5,970	3,780	1,070	10,820
Madhesh	3,225	2,642	565	6,432
Bagamati	7,349	6,473	1,980	15,802
Gandaki	3,041	2,305	629	5,975
Lumbini	4,480	3,666	982	9,128
Karnali	810	536	107	1,453
Sudur Pashchim	1,548	1,134	254	2,936
Total	26,423	20,536	5,587	52,546

Source: National Economic Census, 2018

1.8.3 Analytical Domain

The survey was designed to provide the national estimates of the NSIC 4 digits classification and provincial estimates of the NSIC 3 digits classification.

1.8.4 Sample Size and Sampling Method

The total enumeration size (census and sampling) of the survey was planned to enumerate 14,000 establishments. Out of them, about 9,200 establishments were expected to be enumerated in census category for the NSIC sections B, D, E and large size manufacturing establishments of section C.

For small size manufacturing establishments, a total of 4,738 establishments were fixed as a sample size, which were distributed to each stratum (province, NSIC, persons engaged category) using power allocation with power 0.7. The samples from each stratum were then selected by using systematic sampling method. The summary of sample allocation is presented in the table B.

Table B: Summary of the allocation of samples in provinces by persons engaged category (for small size establishments of section C)

Province	Persons engaged category			
	1-2 persons	3-5 persons	6-9 persons	Total
Province no. 1	418	340	149	907
Madhesh	251	253	97	601
Bagamati	524	527	257	1,308
Gandaki	253	241	98	592
Lumbini	333	322	140	795
Karnali	93	77	27	197
Sudur Pashchim	152	135	51	338
Total	2,024	1,895	819	4,738

1.9 Steering and Technical Committees

Steering and technical committees were formed for smooth operation of the activities of NIS 2019/20. The steering committee was chaired by member of the National Planning Commission (NPC) including members representing from concerned ministries and Tribhuvan University. The main function of steering committee is to facilitate and to coordinate with concerned agencies for successful implementation of the survey. In addition, this committee approved the survey questionnaires and manuals as well. The composition of the steering committee is presented in annex 3A.

National Industrial Survey Technical Committee was also formed with the chairmanship of the Deputy Director General (DDG) of the Economic Statistics Division of the CBS. Representatives from concerned ministries and departments, FNCCI and CNI were the member of this committee. The main function of this committee is to provide technical inputs on the survey such as questionnaire/manual preparation and sample design and recommend them for approvals to the steering committee. The composition of the technical committee is presented in annex 3B.

1.10 Survey Organization

The Establishments Census and Survey Section (ECSS), under the Economic Statistics Division of CBS, acted as a central level working team for conducting the survey. ECSS has 2 Directors, 3 Statistical Officers, 1 Computer Officer and 1 Statistical Assistant. The CBS district level offices located at 33 districts played vital role for coordinating with the district level stakeholders and for successful implementation of the survey. Among the 33 offices, 6 offices were headed by gazetted II class officer and rests were headed by gazetted III class officer.

About 150 enumerators and supervisors were involved for the field work. The field work was conducted about 4 months to collect the data. In total, about 25% of enumerators were hired in contract basis by respective Statistics Offices. The field work of enumerators was supervised jointly by CBS and Statistics Offices.

1.11 Trainings

Various training programs were organized for successful implementation of the survey. This includes MToT, officer level training and supervisor/enumerator level training. CBS conducted a 3 days MToT training program with main objective of preparing the resource persons for the officer level and supervisor/enumerator level training. The participants of the MToT were mainly Directors from CBS.

A five days training was also organized in Chitwan district for Directors and Statistical Officers working in district level offices of CBS. Likewise, Six days training program for supervisor and enumerator was conducted in three separate places; Morang, Chitwan and Banke districts. The theoretical as well as practical aspects of the survey questionnaire were the main contents of the training program.

1.12 Field Operation

Field operation was planned to start at first week of March 2020 (second week of Falgun 2076) and targeted to complete in 4 months. As per schedule, the field operation was started all over the country. But the field operation was completely stopped for the fiscal year 2076/77 (2019/20) due to COVID-19 lockdown from 24 March 2020. Before lockdown approximately 14 percent of enumeration was completed.

The field operation was resumed from first week of October 2020 (second week of Asoj 2077) in the fiscal year 2077/78 (2020/21) with complete adoption of COVID-19 safety protocols.

The second phase of the field operation was also affected by locally induced COVID-19 restrictions in different parts of the country. Due to this situation, the field work was extended for some more months to complete the data collection activity.

1.13 Inter-agency Coordination and Publicity

Coordination among the different agencies is considered as an essential factor for successful implementation of the survey. Publicity campaign is another important aspect which inform and aware the industrialists, the business persons and general public about the importance of industrial

statistics on national statistical system. The following activities were undertaken in connection with Inter-agency coordination and publicity campaign of the survey.

a. Inter-agency Coordination

- A circular was sent by the Ministry of Home Affairs to all the 77 District Administration Offices to coordinate on the field operation of NIS 2019/20 at the district level.
- The Ministry of Federal Affairs and General Administration also circulated to all 753 local levels requesting to coordinate and support enumerators and supervisors during the field work.
- Private sector organizations like FNCCI and CNI requested entire industries and their district level offices to provide accurate and timely information to enumerators.
- A request letter from Director General of CBS was handed over to each establishment to cooperate and support enumerators by providing accurate information in time as outlined in the questionnaire.

b. Publicity Campaign:

- A central level inception seminar was organized before the field work. Representatives from concerned ministries, departments, FNCCI, CNI and other stakeholder's organization participated in the seminar. The main objective of the seminar was to inform and aware about the ongoing industrial survey.
- Statistics offices organized one day awareness seminar in districts. The main objective of this event was to inform and aware local stakeholders about the ongoing survey.
- Flex print banners were displayed in the CBS as well as in district office premises requesting all concerned institutions to provide accurate information in the survey.
- The radio jingles were prepared and aired by different local FM radio station, including Kathmandu valley. Publicity of the survey was also made through print and social media.

1.14 Data Processing

After the accomplishment of the field operation, the filled up questionnaires were initially edited by heads of SOs in each district and then collected to CBS for further processing. Five peoples were hired for six months for the editing, coding and entry of the forms. The intensive training on editing, coding and data entry of the collected forms was provided to them. CSPro application was used for data entry. Data analysis and tabulation was done by using STATA as well as IBM SPSS.

Standard coding system adopted by CBS had been used for coding. For industry classification, NSIC version 4 was used at the 4 digit level. Likewise, for product classification, the CPC version 2.1 was used at the 5 digit level. The coding, editing and data entry activities were supervised by officials of the CBS.

1.15 Non Response

Nearly 3.9 percent of complete non-response was observed in sampling scheme (small size establishment of section C). These non-responses were treated mainly by adjusting the sampling weight. Some partial non responses were also observed in both census and survey.

1.16 Limitations

- NIS 2019/20 is mainly based on the frame of NEC 2018. An attempt was also made to update the main frame from other official records. Establishments not listed in the updated frame could not be enumerated.
- The survey was conducted amid a difficult situation of COVID-19 pandemic. It affected the duration, cost and responses of the survey.
- The survey was conducted on the basis of the predominant economic activities. Establishments which carry out more than one economic activity and could not separate out their transaction by individual activities such as cement industries which carry out both mining and manufacturing activities. In such cases, if manufacturing is predominant activity then both mining and manufacturing activities of cement industries were accounted in manufacturing sector.

1.17 Summary of Principal Indicators at National Level

The National Industrial Survey (NIS) 2019/20, provides the detail information on number of establishments, employments (engaged and employee), wages and salary, value of fixed assets at the end of the year, value of input, value of output and value added. These are considered as principal indicators of the survey. This aforementioned information (statistics) by NSIC Section is presented in Table A.

This survey disclosed the total number of establishments of all industrial section of NSIC (B, C, D and E) is 60,185 where 491,227 persons are engaged at national level. Out of total persons engaged; 381,687 are paid employees and 109,540 are proprietors as well as unpaid family workers. Likewise, the expense on wage and salary of employee is NRs. 107.89 billion, value of fixed assets at the end of the year is NRs. 619.51 billion, and value of output during reference period is NRs. 1201.17 billion. In addition to this, these establishments generated NRs. 354.51 billion as total value added in the reference year. The detail of the principal indicators by its size and NSIC Section at national level are presented in Table C.

Table C: Summary of Principal Indicators (National Level)									
S.N.	Indicator	Unit	Total Value	Value by NSIC and size of establishments					
				B	C			D	E
					Total	Large	Small		
1	Number of establishments	No.	60,185	356	56,611	5,017	51,594	994	2,224
2	Number of persons engaged	No.	491,227	6,485	444,964	288,170	156,794	21,593	18,185
3	Number of employees	No.	381,687	5,719	346,143	274,324	71,819	17,238	12,587
4	Total wages, salaries and other benefit (cash/kind) paid to employees	Rs. "000"	107,892,634	1,801,332	95,774,582	79,474,271	16,300,311	6,920,733	3,395,987
5	Gross fixed assets at the end of the year	Rs. "000"	619,510,637	8,823,878	387,557,276	286,299,569	101,257,707	205,536,457	17,593,026
6	Value of output	Rs. "000"	1,201,170,729	24,780,931	1,029,373,286	861,054,315	168,318,971	105,919,236	41,097,276
7	Value of input	Rs. "000"	846,658,896	6,576,473	745,629,447	625,724,393	119,905,054	72,276,916	22,176,060
8	Total value added	Rs. "000"	354,511,833	18,204,458	283,743,839	235,329,922	48,413,917	33,642,320	18,921,216
Source : National Industrial Survey, 2019/20									
Note: 1. Large size establishments-establishments with 10 or more persons engaged. Small size establishments-establishments with 9 or less persons engaged. 2. B-Mining and Quarrying; C- Manufacturing; D-Electricity, gas, steam and air conditioning supply and E-Water supply; sewerage, waste management and remediation activities									

The NIS, 2019/20 reveals that there is 23.09% increase in total number of large manufacturing establishments as compared to the previous manufacturing census 2011/12. It is found that the number of large manufacturing establishments has been increased since 2006/07. The top 10 manufacturing establishments (industry), in terms of value added, are Manufacture of food products; Manufacture of other non-metallic mineral products; Electricity, gas, steam and air conditioning supply; Manufacture of basic metals; Manufacture of fabricated metal products, except machinery and equipment; Other manufacturing; Manufacture of beverages; Other mining and quarrying; Manufacture of chemicals and chemical products; Manufacture of wood and of products of wood and cork (except furniture), manufacture of articles of straw and plaiting materials.

In comparison to last CME 2011/12, the number of establishment in food and beverages; manufacture of wearing apparel; manufacture of furniture; wearing apparel; leather, leather products and footwear; wood products; chemical and chemical products; rubber and plastics products; non-metallic mineral products; fabricated metal products; machinery and equipment; furniture manufacturing n.e.c. have increased. During the same period, number of manufacturing establishments in tobacco products, manufacture of computer, electronic and optical products have decreased.

Similarly, the number of persons engaged and number of persons employed have increased by 41.01% and 40.69% respectively. This increment is most probably due to increased number of establishments. Moreover, data on total wages/salary and other benefits; value of input; value of output; total value added; value of fixed assets have increased in comparison to last CME 2011/12. The principal indicators of NIS 2019/20 along with previous CME results are presented in Table D.

Table D : Summary of Principal indicators of Large size manufacturing establishments in different census years (National Level)

S.N.	Indicators	Unit	Year					
			1991/92	1996/97	2001/02	2006/7	2011/12	2018/19
1	Total number of establishments	No.	4,271	3,557	3,213	3,446	4,076	5,017
2	Total number of persons engaged	No.	223,463	196,708	191,853	177,550	204,360	288,170
3	Total number of employees	No.	213,653	187,316	181,943	169,891	194,989	274,324
4	Total wages, salaries and other benefit (cash/kind) paid to employees	Rs. "000"	3,348,493	4,058,069	6,389,661	8,044,096	16,440,763	79,474,271
5	Value of gross fixed assets at the end of the year	Rs. "000"	20,067,126	26,491,045	40,371,381	78,889,352	119,728,060	286,299,569
6	Value of output	Rs. "000"	33,086,808	54,930,649	95,096,951	156,305,650	322,551,699	861,054,315
7	Value of input	Rs. "000"	20,937,000	34,868,272	69,484,825	115,304,687	241,767,640	625,724,393
8	Total value added	Rs. "000"	12,149,808	20,062,277	25,612,127	41,001,263	80,784,059	235,329,922

Source : CMEs, CBS.

Note: Large size establishments-establishments with 10 or more persons engaged.

1.18 Summary of Performance Indicators at National Level

Industrial performance indicators primarily measure the economic efficiency of industrial production with respect to growth of output in relative term of input. These indicators help to evaluate the economic situation of a country and use for planning and implementing an effective fiscal and monetary policy. Industrial performance is an outcome of various social, economic and technological factors. The top three important dimensions of industrial performance are productivity, structural change, and competitiveness. Among these three dimensions, productivity has been described below.

Productivity is a ratio of volume measure of output to a volume measure of input use or it is derived from the ratio of value of real output to value of input over a period of time. Productivity can be measured in different ways, depending on the definition of output and input components or measures. The following partial productivity indicators are discussed below: Input as a percentage of output, Output input ratio, value added per employee, Value added output ratio, and value added per unit of capital.

a) Input as a percentage of output: It measures input per 100 outputs of industrial establishments. Higher the value of the indicator, more use of inputs and lowers the value of the indicator, less use of inputs for producing 100 outputs. The input as percentage of output by section of NSIC is given in Table E. With compare to previous CMEs, the value of this indicator stagnated in CME year 1991/92 and 1996/97 then it has gradually increased in the CME year 2001/02 to CME year 2011/12. Now, it has slightly decreased from 75 percent to 73 percent in the reference year 2018/19 (see Table F).

b) Output input ratio: Output input ratio is a ratio of volume of output to the volume of input use. This ratio indicator measures the output per unit of input and also measures the efficiency of use of inputs. Higher the value of indicator indicates the efficient use of inputs, similarly lower the value of

indicator indicates the inefficient use of inputs. The Output input ratio of this survey NIS, 2019/20 by section of NSIC, is presented in the Table E.

With association to large manufacturing establishments, the value of this indicator stagnated in CME 1991/92 and 1996/97 then it has gradually decreased in the CME 2001/02 to 2011/12. In NIS 2019/20, it has increased to 1.38 from 1.33 in CME 2011/12 (see Table F).

c) Valued added per employee: Value added per employee is a measure of labour productivity in manufacturing. It indicates the average amount of value added produced by an employee. This is the simplest approximation of rate of labour productivity in manufacturing. When labour is more skilled or when more capital is used by labour, this will result in a higher value added. Labour productivity thus provides a mixed measure of labour skills and capital intensity. For consistency checks of the survey results, it is quite common to compute the average value added per person engaged. In total, the average value added per employee of the large size manufacturing establishments is 858 thousands in NIS 2018/19. The detail is presented in the Table E.

With comparison to large manufacturing establishments, the value added per employee and average value added per person engaged of the Census of Manufacturing Establishments (CME) of the last six CME years are presented in the Table F. This table shows that both value added per employee and per person engaged have been increased gradually till the CME year 2001/02 and then it has been rapidly increased in last three CME years (see Table F).

d) Value added output ratio: The value added output ratio measures efficiency of the use of material inputs. It can be calculated at any level (for example: at manufacturing level, at level of sectors and sub-sectors, as well as at enterprise or establishment level). Since it is a ratio between two values, the effects of inflation are nearly eliminated and making the value added output ratio a more stable and robust estimate in comparison with the absolute value of output and input. Thus, it is widely applied in order to check the data consistency in survey results. Value added output ratio of this survey NIS, 2019/20 by section of NSIC, is presented in the Table E.

In connection to large manufacturing establishments, the value added output ratio of last six CME years is presented in the Table F. The value of this indicator stagnated in CME year 1991/92 and 1996/97 but it has a conspicuous declined in each CME year after the CME year 1996/97 to CME year 2011/12. Thus it indicates that inefficiency in the use of inputs (i.e. inputs are a higher proportion of output), unfavorable prices for products and purchases, or poor control of stocks as compare to the first two CME years. But the value of this indicator is increased to 0.27 from 0.25 in CME year 2011/12 (for details see in Table F).

e) Value added per unit of capital: It is the ratio of value added to the capital. Here, capital refers to the value of gross fixed assets at the end of reference period. Value added per unit of capital

measures the efficiency and effectiveness of fixed assets in the generation of output of industries as well as its sub-sectors. Lower the value of indicator indicates the inefficient use of capital or poor marketing while higher the value of indicator indicates the efficient capital utilization or good marketing. Based on this principal, NIS 2019/20 disclosed the value added per unit of capital is 0.82. The value of this indicator by section of NSIC is presented in Table E.

With comparison to large manufacturing establishments, this performance indicators show that there were more efficient capital utilization or good marketing strategy in all CMEs except CME 2006/07 as compare to CME 1991/92, for details see Table F.

Table E : Summary of performance indicators at national level

S.N.	Indicator	Unit	Total	Value by NSIC and size of establishments					
				B	C			D	E
					Total	Large	Small		
1	Average no. of persons engaged per establishments	No.	8	18	8	57	3	22	8
2	Average no. of employees per establishments	No.	6	16	6	55	1.4	17	6
3	Output per persons engaged	Rs. in "000"	2,445	3,821	2,313	2,988	1,074	4,905	2,260
4	Output per employee	Rs. in "000"	3,147	4,333	2,974	3,139	2,344	6,145	3,265
5	Input as percentage of output	%	70	27	72	73	71	68	54
6	Output input ratio	Ratio	1.42	3.77	1.38	1.38	1.40	1.47	1.85
7	Value added per persons engaged	Rs. in "000"	722	2,807	638	817	309	1,558	1,040
8	Value added per employee	Rs. in "000"	929	3,183	820	858	674	1,952	1,503
9	Value added output ratio	Ratio	0.30	0.73	0.28	0.27	0.29	0.32	0.46
10	Value added per unit of capital	Ratio	0.57	2.06	0.73	0.82	0.48	0.16	1.08

Source : National Industrial Survey, 2019/20

Note: 1. Large size establishments-establishments with 10 or more persons engaged. Small size establishments-establishments with 9 or less persons engaged. 2. B-Mining and Quarrying; C- Manufacturing; D-Electricity, gas, steam and air conditioning supply and E-Water supply; sewerage, waste management and remediation activities

Table F : Performance indicators of Large size manufacturing establishments in different census years at national level

S.N.	Indicators	Unit	Year					
			1991/92	1996/97	2001/02	2006/7	2011/12	2018/19
1	Average no. of persons engaged per establishments	No.	52	55	60	52	50	57
2	Average no. of employees per establishments	No.	50	53	57	49	48	55
3	Output per persons engaged	Rs. in "000"	148	279	496	880	1,578	2,988
4	Output per employee	Rs. in "000"	155	293	523	920	1,654	3,139
5	Input as percentage of output	%	63	63	73	74	75	73
6	Output input ratio	Ratio	1.58	1.58	1.37	1.36	1.33	1.38
7	Value added per persons engaged	Rs. in "000"	54	102	133	231	395	817
8	Value added per employee	Rs. in "000"	57	107	141	241	414	858
9	Value added output ratio	Ratio	0.37	0.37	0.27	0.26	0.25	0.27
10	Value added per unit of capital	Ratio	0.61	0.76	0.63	0.52	0.67	0.82

Source : CMEs , NIS 2019/20

Note: Large size establishments-establishments with 10 or more persons engaged.

The key industrial indicators of karnali province and all provinces are presented in Table G and Table H respectively.

Table G : Key Indicators - Sudur Pashchim Province

S.N.	Indicator	Unit	Value (in total)	Value by NSIC and size of establishments					
				B	C			D	E
					Total	Large	Small		
1	Number of establishments	No.	3,387	5	3,101	228	2,873	199	82
2	Number of persons engaged in establishments	No.	20,049	52	18,104	9,876	8,228	1,512	381
3	Average number of persons engaged per establishments	Persons / establishment	5.9	10.4	5.8	43.3	2.9	7.6	4.6
4	Number of employees in establishments	No.	14,305	44	12,966	9,354	3,612	1,070	225
5	Average number of employees per establishments	Persons / establishment	4.2	8.8	4.2	41.0	1.3	5.4	2.7
6	Output of the establishments	Rs. thousand	38,454,417	1,735,092	28,746,325	23,976,648	4,769,677	4,721,239	3,251,761
7	Input of the establishments	Rs. thousand	25,409,896	395,415	20,062,571	16,688,731	3,373,840	3,277,407	1,674,503
8	Value added of the establishments	Rs. thousand	13,044,521	1,339,677	8,683,754	7,287,917	1,395,837	1,443,832	1,577,258
9	Gross additions to fixed assets of the establishments in a year	Rs. thousand	2,348,617	9,626	153,622	84,304	69,318	2,168,098	17,271
10	Gross fixed assets at the end of the year	Rs. thousand	23,053,229	77,993	8,595,889	4,320,014	4,275,875	14,182,130	197,217
11	Output per persons engaged in establishments	Rs.Thousand / persons engaged	1,918.0	33,367.2	1,587.8	2,427.8	579.7	3,122.5	8,534.8
12	Output input ratio	Ratio	1.51	4.39	1.43	1.44	1.41	1.44	1.94
13	Input output ratio	Ratio	0.66	0.23	0.70	0.70	0.71	0.69	0.51
14	Value added per persons engaged in establishments	Rs.Thousand/ person engaged	651	25,763	480	738	170	955	4,140
15	Total wages, salaries and other benefits (cash/kind) paid to employees	Rs. thousand	3,663,946	31,399	3,264,902	2,618,625	646,277	252,560	115,085
16	Average wages, salaries and other benefits (cash/kind) paid to employees per person per month	Rs. thousand	21.34	59.47	20.98	23.33	14.91	19.67	42.62

Source : National Industrial Survey, 2076

Note: 1. Large size establishments-establishments with 10 or more persons engaged. Small size establishments-establishments with 9 or less persons engaged. 2. B-Mining and Quarrying; C- Manufacturing; D-Electricity, gas, steam and air conditioning supply and E-Water supply; sewerage, waste management and remediation activities

Table H : Key Indicators by provinces

S.N.	Indicator	Unit	Value (by provinces)							
			Province 1	Madhesh	Bagmati	Gandaki	Lumbini	Karnali	Sudur Pashchim	Total
1	Number of establishments	No.	12,225	7,279	18,333	6,818	10,508	1,635	3,387	60,185
2	Number of persons engaged	No.	95,964	80,773	159,747	40,632	87,067	6,996	20,049	491,228
3	Average number of persons engaged per establishments	Persons / establishment	7.8	11.1	8.7	6.0	8.3	4.3	5.9	8.2
4	Number of employees	No.	73,918	68,488	126,761	26,658	67,192	4,364	14,305	381,686
5	Average number of employees per establishments	Persons / establishment	6.0	9.4	6.9	3.9	6.4	2.7	4.2	6.3
6	Output of the establishments	Rs. thousand	248,561,746	214,868,750	395,343,655	95,894,966	197,271,138	10,776,057	38,454,417	1,201,170,729
7	Input of the establishments	Rs. thousand	177,160,179	159,699,112	272,131,263	64,468,136	141,217,547	6,572,763	25,409,896	846,658,896
8	Value added of the establishments	Rs. thousand	71,401,567	55,169,638	123,212,392	31,426,830	56,053,591	4,203,294	13,044,521	354,511,833
9	Gross additions to fixed assets of the establishments in a year	Rs. thousand	12,515,525	8,109,242	25,731,800	5,167,910	9,042,951	5,947,112	2,348,617	68,863,157
10	Gross fixed assets at the end of the year	Rs. thousand	133,464,135	68,987,252	196,174,170	46,460,336	122,469,757	28,901,759	23,053,229	619,510,638
11	Output per persons engaged in establishments	Rs.Thousand / persons engaged	2,590.2	2,660.2	2,474.8	2,360.1	2,265.7	1,540.3	1,918.0	2,445.2
12	Output input ratio	Ratio	1.40	1.35	1.45	1.49	1.40	1.64	1.51	1.42
13	Input output ratio	Ratio	0.71	0.74	0.69	0.67	0.72	0.61	0.66	0.70
14	Value added per persons engaged in establishments	Rs.Thousand/ person engaged	744	683	771	773	644	601	651	722
15	Total wages, salaries and other benefits (cash/kind) paid to employees	Rs. thousand	21,051,069	16,745,759	38,821,571	7,804,714	18,723,065	1,082,509	3,663,946	107,892,633
16	Average wages, salaries and other benefits (cash/kind) paid to employees per person per month	Rs. thousand	23.73	20.38	25.52	24.40	23.22	20.67	21.34	23.56

Source : National Industrial Survey, 2019/20

CHAPTER II: STATISTICAL TABLES

SUDUR PASHCHIM PROVINCE

Table 1.1 : Principal Indicators by NSIC section

Section code	Section	No. of estbs.	No. of persons engaged	No. of emps.	Wages, salaries & other benefits	Change in stocks at the end of the year	Gross addition to fixed assets	Gross fixed assets at the end of the year	Value of output	Value of input	Total value added
B	Mining and Quarrying	5	52	44	31,399	4,235	9,626	77,993	1,735,092	395,415	1,339,677
C	Manufacturing	3,101	18,104	12,966	3,264,902	1,790,166	153,622	8,595,889	28,746,325	20,062,571	8,683,754
D	Electricity, gas, steam and air conditioning supply	199	1,512	1,070	252,560	357	2,168,098	14,182,130	4,721,239	3,277,407	1,443,832
E	Water supply; sewerage, waste management and remediation activities	82	381	225	115,085	157	17,271	197,217	3,251,761	1,674,503	1,577,258
4	Total	3,387	20,049	14,305	3,663,946	1,794,915	2,348,617	23,053,229	38,454,417	25,409,896	13,044,521

Table 1.2 : Principal Indicators by section and size of establishments*

Table A.1: Principal parameters by section and size of establishment												
Section code	Section	Size of estbs.	No. of estbs.	No. of persons engaged	No. of emps.	Wages, salaries & other benefits	Change in stocks at the end of the year	Gross addition to fixed assets end of the year	Gross fixed assets at the end of the year	Value of output	Value of input	Total value added
B	Mining and Quarrying	large	2									
B	Mining and Quarrying	small	3	14	13	6,896	-	10	25	706,725	176,681	530,044
C	Manufacturing	large	228	9,876	9,354	2,618,625	1,602,615	84,304	4,320,014	23,976,648	16,688,731	7,287,917
C	Manufacturing	small	2,873	8,228	3,612	646,277	187,551	69,318	4,275,875	4,769,677	3,373,840	1,395,837
D	Electricity, gas, steam and air conditioning supply	large	37	1,121	736	225,261	-	2,141,481	13,626,134	4,623,321	3,230,088	1,393,233
D	Electricity, gas, steam and air conditioning supply	small	162	391	334	27,299	357	26,617	555,996	97,918	47,319	50,599
E	Water supply, sewerage, waste management and remediation activities	large	17	204	124	72,908	-	15,625	99,489	1,368,294	657,383	710,911
E	Water supply, sewerage, waste management and remediation activities	small	65	177	101	42,177	157	1,646	97,728	1,883,467	1,017,120	866,347
Total			3,387	20,049	14,305	3,663,946	1,794,915	2,348,617	23,053,229	38,454,417	25,409,896	13,044,521

*Note: Large size establishments-establishments with 10 or more persons engaged. Small size establishments-establishments with 9 or less persons engaged.

Table 1.3 : Principal Indicators by NSIC division

Division code	Division	No. of estbs.	No. of persons engaged	No. of emps.	Wages, salaries & other benefits	Change in stocks at the end of the year	Gross addition to fixed assets end of the year	Gross fixed assets at the end of the year	Value of output	Value of input	Total value added
8	Other mining and quarrying	5	52	44	31,399	4,235	9,626	77,993	1,735,092	395,415	1,339,677
10	Manufacture of food products	1,069	4,129	2,295	1,067,652	-209,181	70,963	4,594,434	16,030,255	12,292,037	3,738,218
11	Manufacture of beverages	15	279	240	62,052	1,428	4,270	106,489	440,286	225,898	214,388
13	Manufacture of textiles	35	123	60	10,830	1,068	3,245	14,024	37,878	24,040	13,838
14	Manufacture of wearing apparel	789	2,391	1,086	179,141	25,644	7,722	318,586	615,165	384,040	231,125
15	Manufacture of leather and related products	32	87	38	5,799	5,520	800	26,080	77,268	47,109	30,159
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	35	242	185	69,311	1,708,166	274	162,259	4,663,171	2,384,727	2,278,444
17	Manufacture of paper and paper products	8	87	49	10,317	-2,138	-	53,217	93,815	68,339	25,476
18	Printing and reproduction of recorded media	67	290	179	26,494	8,984	3,223	268,726	164,178	116,520	47,658
20	Manufacture of chemicals and chemical products	5	78	68	26,771	13,840	-	73,763	636,655	532,338	104,317
22	Manufacture of rubber and plastics products	3	39	29	23,680	5,413	1,381	71,562	323,580	247,296	76,284
23	Manufacture of other non-metallic mineral products	132	7,159	6,928	1,404,529	104,410	20,831	1,511,950	2,579,828	1,501,523	1,078,305
25	Manufacture of fabricated metal products, except machinery and equipment	240	937	562	126,668	14,177	14,916	395,846	800,399	570,780	229,619
27	Manufacture of electrical equipment	1									
28	Manufacture of machinery and equipment n.e.c.	1									
29	Manufacture of motor vehicles, trailers and semi-trailers	1									
31	Manufacture of furniture	215	1,038	743	152,105	33,146	23,386	636,773	780,168	530,992	249,176
32	Other manufacturing	434	1,142	468	90,089	79,066	1,700	277,161	1,431,246	1,085,530	345,716
33	Repair and installation of machinery and equipment	19	56	14	2,219	-	-	67,259	14,461	9,271	5,190
35	Electricity, gas, steam and air conditioning supply	199	1,512	1,070	252,560	357	2,168,098	14,182,130	4,721,239	3,277,407	1,443,832
36	Water collection, treatment and supply	71	341	199	92,536	-	17,271	193,547	2,357,789	1,179,812	1,177,977
38	Waste collection, treatment and disposal activities; materials recovery	11	40	26	22,549	157	-	3,670	893,972	494,691	399,281
22	Total	3,387	20,049	14,307	3,663,946	1,794,915	2,348,618	23,053,229	38,454,418	25,409,897	13,044,521

Table 1.4 : Principal Indicators by NSIC group

Group code	Group	No. of estbs.	No. of persons engaged	No. of emps.	Wages, salaries & other benefits	Change in stocks at the end of the year	Gross addition to fixed assets	Gross fixed assets at the end of the year	Value of output	Value of input	Total value added
81	Quarrying of stone, sand and clay	5	52	44	31,399	4,235	9,626	77,993	1,735,092	395,415	1,339,677
101	Processing and preserving of meat	20	77	57	12,484	-95	96	18,882	138,651	105,025	33,626
103	Processing and preserving of fruit and vegetables	2									
104	Manufacture of vegetable and animal oils and fats	3	114	96	74,151	256,442	1,057	68,650	1,406,825	1,103,697	303,128
105	Manufacture of dairy products	49	260	119	23,281	3,681	2,728	134,202	216,593	159,949	56,644
106	Manufacture of grain mill products, starches and starch products	912	2,491	1,018	426,065	216,479	32,393	2,928,432	6,416,540	4,841,268	1,575,272
107	Manufacture of other food products	79	1,027	858	267,188	65,391	33,627	1,172,990	3,838,101	2,863,484	974,617
108	Manufacture of prepared animal feeds	4	152	145	264,138	-751,119	1,052	266,968	4,010,854	3,216,761	794,093
110	Manufacture of beverages	15	279	240	62,052	1,428	4,270	106,489	440,286	225,898	214,388
131	Spinning, weaving and finishing of textiles	5	23	16	3,427	56	5	1,540	4,256	2,438	1,818
139	Manufacture of other textiles	30	100	44	7,403	1,012	3,240	12,484	33,622	21,602	12,020
141	Manufacture of wearing apparel, except fur apparel	785	2,367	1,072	176,393	25,284	7,722	300,886	609,721	380,806	228,915
143	Manufacture of knitted and crocheted apparel	4	24	14	2,748	360	-	17,700	5,444	3,234	2,210
151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	1									
152	Manufacture of footwear	31	81	34	5,199	5,520	800	23,580	75,468	45,579	29,889
161	Sawmilling and planing of wood	28	216	178	68,404	1,707,836	274	159,549	4,657,888	2,381,715	2,276,173
162	Manufacture of products of wood, cork, straw and plaiting materials	7	26	7	907	330	-	2,710	5,283	3,012	2,271
170	Manufacture of paper and paper products	8	87	49	10,317	-2,138	-	53,217	93,815	68,339	25,476
181	Printing and service activities related to printing	67	290	179	26,494	8,984	3,223	268,726	164,178	116,520	47,658
202	Manufacture of other chemical products	5	78	68	26,771	13,840	-	73,763	636,655	532,338	104,317
222	Manufacture of plastics products	3	39	29	23,680	5,413	1,381	71,562	323,580	247,296	76,284
239	Manufacture of non-metallic mineral products n.e.c.	132	7,159	6,927	1,404,529	104,410	20,831	1,511,950	2,579,828	1,501,523	1,078,305
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	200	777	458	96,354	4,522	14,178	339,548	589,933	424,253	165,680
259	Manufacture of other fabricated metal products; metalworking service activities	40	161	104	30,314	9,655	738	56,299	210,466	146,526	63,940

Table 1.4 : Principal Indicators by NSIC group

Group code	Group	No. of estbs.	No. of persons engaged	No. of emps.	Wages, salaries & other benefits	Change in stocks at the end of the year	Gross addition to fixed assets	Gross fixed assets at the end of the year	Value of output	Value of input	Total value added
in thousand rupees											
271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	1									
282	Manufacture of special-purpose machinery	1									
292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	1									
310	Manufacture of furniture	215	1,038	743	152,105	33,146	23,386	636,773	780,168	530,992	249,176
321	Manufacture of jewellery, bijouterie and related articles	432	1,134	464	89,428	79,041	1,698	272,459	1,429,385	1,084,438	344,947
329	Other manufacturing n.e.c.	2									
331	Repair of fabricated metal products, machinery and equipment	19	56	14	2,219	-	-	67,259	14,461	9,271	5,190
351	Electric power generation, transmission and distribution	199	1,512	1,070	252,560	357	2,168,098	14,182,128	4,721,238	3,277,407	1,443,831
360	Water collection, treatment and supply	71	341	199	92,536	-	17,271	193,547	2,357,789	1,179,812	1,177,977
381	Waste collection	1									
383	Materials recovery	10	35	23	22,069	157	-	670	877,972	487,671	390,301
35	Total	3,387	20,049	14,306	3,663,946	1,794,916	2,348,618	23,053,229	38,454,417	25,409,896	13,044,521

Table 2.1 : Principal Indicators by NSIC (urban area)

NSIC code	NSIC	No. of estbs.	No. of persons engaged	No. of emps.	Wages, salaries & other benefits	Change in stocks at the end of the year	Gross addition to fixed assets	Gross fixed assets at the end of the year	Value of output	Value of input	Total value added
8	Other mining and quarrying	2									
10	Manufacture of food products	807	3,530	2,053	1,002,310	-212,501	63,963	4,182,148	15,185,984	11,654,773	3,531,211
11	Manufacture of beverages	10	244	215	57,822	788	4,270	94,239	435,291	223,808	211,483
13	Manufacture of textiles	27	90	41	7,148	1,028	3,183	9,177	31,831	20,383	11,448
14	Manufacture of wearing apparel	649	2,037	942	152,256	23,499	4,145	276,932	524,222	326,497	197,725
15	Manufacture of leather and related products	32	87	38	5,799	5,520	800	26,080	77,268	47,109	30,159
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	27	208	163	67,626	1,708,074	274	159,354	4,656,581	2,380,941	2,275,640
17	Manufacture of paper and paper products	3	47	39	9,651	-2,146	-	49,559	88,157	65,236	22,921
18	Printing and reproduction of recorded media	64	273	168	24,514	9,429	3,223	256,255	159,063	113,307	45,756
20	Manufacture of chemicals and chemical products	4	74	67	26,621	13,836	-	73,032	635,129	531,151	103,978
22	Manufacture of rubber and plastics products	3	39	29	23,680	5,413	1,381	71,562	323,580	247,296	76,284
23	Manufacture of other non-metallic mineral products	109	5,839	5,640	1,221,558	100,647	20,516	1,316,545	2,099,283	1,220,303	878,980
25	Manufacture of fabricated metal products, except machinery and equipment	219	865	537	100,165	13,843	14,720	403,063	693,320	507,984	185,336
27	Manufacture of electrical equipment	1									
28	Manufacture of machinery and equipment n.e.c.	1									
29	Manufacture of motor vehicles, trailers and semi-trailers	1									
31	Manufacture of furniture	171	831	590	129,179	34,404	23,386	573,066	642,676	455,413	187,263
32	Other manufacturing	381	1,016	415	81,565	75,223	921	228,627	1,280,228	967,630	312,598
33	Repair and installation of machinery and equipment	18	50	10	1,605	-	-	67,204	13,668	8,892	4,776
35	Electricity, gas, steam and air conditioning supply	62	897	753	228,527	160	2,154,301	13,661,279	4,658,045	3,248,736	1,409,309
36	Water collection, treatment and supply	55	250	173	85,830	-	16,906	183,319	2,131,645	1,053,942	1,077,703
38	Waste collection, treatment and disposal activities; materials recovery	11	40	26	22,549	157	-	3,670	893,972	494,691	399,281
22	Total	2,657	16,462	11,936	3,269,286	1,784,069	2,322,517	21,695,520	35,269,583	23,742,283	11,527,300

Table 2.2 : Principal Indicators by NSIC (rural area)

NSIC code	NSIC	No. of estbs.	No. of persons engaged	No. of emps.	Wages, salaries & other benefits	Change in stocks at the end of the year	Gross addition to fixed assets	Gross fixed assets at the end of the year	Value of output	Value of input	Total value added
8	Other mining and quarrying	3	34	31	17,763	-1,837	10	35,344	1,053,425	263,356	790,069
10	Manufacture of food products	262	599	241	65,342	3,320	7,000	412,286	844,271	637,265	207,006
11	Manufacture of beverages	5	35	25	4,230	640	-	12,250	4,995	2,090	2,905
13	Manufacture of textiles	9	34	19	3,682	40	63	4,848	6,047	3,656	2,391
14	Manufacture of wearing apparel	140	354	144	26,885	2,145	3,577	41,654	90,943	57,543	33,400
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	9	35	22	1,685	92	-	2,905	6,590	3,786	2,804
17	Manufacture of paper and paper products	5	40	10	666	8	-	3,658	5,658	3,103	2,555
18	Printing and reproduction of recorded media	3	17	11	1,980	-445	-	12,471	5,115	3,212	1,903
20	Manufacture of chemicals and chemical products	1									
23	Manufacture of other non-metallic mineral products	23	1,321	1,289	182,971	3,763	315	195,405	480,545	281,220	199,325
25	Manufacture of fabricated metal products, except machinery and equipment	21	72	25	26,502	333	195	-7,217	107,079	62,795	44,284
31	Manufacture of furniture	44	207	153	22,927	-1,258	-	63,707	137,492	75,579	61,913
32	Other manufacturing	53	126	53	8,524	3,843	779	48,534	151,019	117,901	33,118
33	Repair and installation of machinery and equipment	1									
35	Electricity, gas, steam and air conditioning supply	137	615	317	24,033	197	13,797	520,851	63,194	28,671	34,523
36	Water collection, treatment and supply	16	91	26	6,706	-	365	10,228	226,144	125,870	100,274
16	Total	732	3,590	2,371	394,660	10,845	26,101	1,357,710	3,184,836	1,667,613	1,517,223

Table 3.1 : Principal Indicators by legal status of the establishments

S.N.	Legal status	No. of estbs.	No. of persons engaged	No. of emps.	Wages, salaries & other benefits	Change in stocks at the end of the year	Gross addition to fixed assets	Gross fixed assets at the end of the year	Value of output	Value of input	Total value added
1	Individual proprietorship	3,008	14,847	9,930	2,240,455	1,213,189	91,440	6,828,189	19,822,344	13,325,064	6,497,280
2	Partnership	93	2,232	1,970	522,656	41,631	16,698	544,856	2,843,104	1,565,703	1,277,401
3	Private limited company	34	1,370	1,256	563,225	530,719	70,250	5,364,681	8,053,454	5,927,138	2,126,316
4	Public limited company	7	65	55	43,256	6,072	16,716	124,317	998,132	236,280	761,852
5	Cooperative	64	258	137	16,261	197	14,357	183,656	152,107	73,207	78,900
6	Government	52	683	652	184,459	3,107	2,125,712	9,581,282	4,330,051	3,137,214	1,192,837
7	Others	129	594	305	93,634	-	13,444	426,248	2,255,225	1,145,290	1,109,935
Total		3,387	20,049	14,305	3,663,946	1,794,915	2,348,617	23,053,229	38,454,417	25,409,896	13,044,521

Table 4.1 : Principal Indicators by ownership of the establishments

NSIC code	NSIC	No. of estbs.	No. of persons engaged	No. of emps.	Wages, salaries & other benefits	Change in stocks at the end of the year	Gross addition to fixed assets	Gross fixed assets at the end of the year	Value of output	Value of input	Total value added
1	Government owned	48	675	644	183,065	3,107	2,125,712	9,577,162	4,321,310	3,132,402	1,188,908
2	Privately owned	3,122	18,403	13,141	3,379,044	1,792,010	199,300	12,767,850	33,349,043	21,869,361	11,479,682
3	Foreign owned	11	47	12	1,523	-92	160	5,648	25,197	12,419	12,778
4	Government with private collaboration	27	56	47	6,582	357	308	36,344	60,871	32,620	28,251
5	Private with foreign collaboration	97	371	197	37,474	-467	6,983	235,240	137,344	92,080	45,264
6	Others	82	497	265	56,258	-	16,154	430,985	560,652	271,014	289,638
Total		3,387	20,049	14,306	3,663,946	1,794,915	2,348,617	23,053,229	38,454,417	25,409,896	13,044,521

Table 5.1 : Principal Indicators by NSIC and persons engaged category (less than 10 persons)

NSIC code	NSIC	No. of estbs.	No. of persons engaged	No. of emps.	Wages, salaries & other benefits	Change in stocks at the end of the year	Gross addition to fixed assets	Gross fixed assets at the end of the year	Value of output	Value of input	Total value added
8	Other mining and quarrying	3	14	13	6,896	-	10	25	706,725	176,681	530,044
10	Manufacture of food products	1,015	2,508	839	168,153	49,695	33,594	2,465,741	1,420,177	1,014,948	405,229
11	Manufacture of beverages	10	75	55	7,680	740	-	24,000	51,415	25,145	26,270
13	Manufacture of textiles	33	95	38	6,653	640	3,245	12,502	26,973	15,219	11,754
14	Manufacture of wearing apparel	776	2,186	925	138,317	14,172	7,207	276,139	474,083	294,687	179,396
15	Manufacture of leather and related products	32	87	38	5,799	5,520	800	26,080	77,268	47,109	30,159
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	28	126	82	20,604	3,572	23	18,804	144,855	107,074	37,781
17	Manufacture of paper and paper products	5	32	4	498	188	-	3,348	2,956	1,778	1,178
18	Printing and reproduction of recorded media	65	265	156	22,704	2,136	148	174,361	116,348	78,040	38,308
20	Manufacture of chemicals and chemical products	3	16	9	1,465	304	-	7,241	6,884	5,447	1,437
23	Manufacture of other non-metallic mineral products	29	153	108	18,730	-2,311	55	253,308	72,412	45,800	26,612
25	Manufacture of fabricated metal products, except machinery and equipment	230	764	404	84,439	3,962	1,903	261,589	494,323	350,079	144,244
27	Manufacture of electrical equipment	1									
29	Manufacture of motor vehicles, trailers and semi-trailers	1									
31	Manufacture of furniture	193	726	475	79,799	29,832	20,644	413,147	457,566	310,519	147,047
32	Other manufacturing	433	1,131	461	88,689	79,066	1,700	264,411	1,407,368	1,067,301	340,067
33	Repair and installation of machinery and equipment	19	56	14	2,219	-	-	67,259	14,461	9,271	5,190
35	Electricity, gas, steam and air conditioning supply	162	391	334	27,299	357	26,617	555,996	97,918	47,319	50,599
36	Water collection, treatment and supply	55	148	84	33,452	-	1,646	94,668	1,525,458	820,396	705,062
38	Waste collection, treatment and disposal activities; materials recovery	10	29	17	8,725	157	-	3,060	358,009	196,724	161,285
20	Total	3,103	8,810	4,062	722,649	188,065	97,592	4,929,624	7,457,788	4,614,961	2,842,827

Table 5.2 : Principal Indicators by NSIC and persons engaged category (10 or more persons)

NSIC code	NSIC	No. of estbs.	No. of persons engaged	No. of emps.	Wages, salaries & other benefits	Change in stocks at the end of the year	Gross addition to fixed assets	Gross fixed assets at the end of the year	Value of output	Value of input	Total value added
in thousands rupees											
8	Other mining and quarrying	2									
10	Manufacture of food products	54	1,621	1,456	899,499	-258,876	37,368	2,128,693	14,610,077	11,277,088	3,332,989
11	Manufacture of beverages	5	204	185	54,372	688	4,270	82,489	388,871	200,753	188,118
13	Manufacture of textiles	2									
14	Manufacture of wearing apparel	13	205	161	40,824	11,472	515	42,447	141,082	89,353	51,729
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	7	116	103	48,707	1,704,594	251	143,455	4,518,316	2,277,653	2,240,663
17	Manufacture of paper and paper products	3	55	45	9,819	-2,326	-	49,869	90,859	66,561	24,298
18	Printing and reproduction of recorded media	2									
20	Manufacture of chemicals and chemical products	2									
22	Manufacture of rubber and plastics products	3	39	29	23,680	5,413	1,381	71,562	323,580	247,296	76,284
23	Manufacture of other non-metallic mineral products	103	7,006	6,819	1,385,799	106,721	20,776	1,258,642	2,507,416	1,455,723	1,051,693
25	Manufacture of fabricated metal products, except machinery and equipment	10	173	158	42,229	10,215	13,013	134,257	306,076	220,701	85,375
28	Manufacture of machinery and equipment n.e.c.	1									
31	Manufacture of furniture	22	312	268	72,306	3,314	2,742	223,626	322,602	220,473	102,129
32	Other manufacturing	1									
35	Electricity, gas, steam and air conditioning supply	37	1,121	736	225,261	-	2,141,481	13,626,134	4,623,321	3,230,088	1,393,233
36	Water collection, treatment and supply	16	193	115	59,084	-	15,625	98,879	832,331	359,416	472,915
38	Waste collection, treatment and disposal activities; materials recovery	1									
18	Total	284	11,239	10,244	2,941,297	1,606,850	2,251,025	18,123,605	30,996,629	20,794,935	10,201,694

Table 6.1: Principal Indicators by NSIC and current value of fixed assets

NSIC code	NSIC	No. of estbs.	No. of persons engaged	No. of emps.	Wages, salaries & other benefits	Change in stocks at the end of the year	in thousands and rupees				
							Gross addition to fixed assets	Gross fixed assets at the end of the year	Value of output	Value of input	Total value added
1	Less than 50 Lakhs	2,983	11,477	6,579	1,321,193	227,874	71,377	2,734,428	9,901,479	6,204,910	3,696,569
2	50 Lakhs to 1 Crore	248	2,996	2,528	628,563	1,788,667	10,812	1,797,477	6,709,716	3,744,344	2,965,372
3	1 to 10 Crore	146	4,486	4,121	1,265,531	-342,284	100,972	3,613,357	13,461,218	9,332,205	4,129,013
4	10 to 25 Crore	7	274	263	216,592	130,029	3,327	886,938	2,748,238	2,022,891	725,347
5	25 Crore or more	3	816	815	232,067	-9,371	2,162,129	14,021,029	5,633,766	4,105,546	1,528,220
Total		3,387	20,049	14,306	3,663,946	1,794,915	2,348,617	23,053,229	38,454,417	25,409,896	13,044,521

Table 7.1 : Number of persons engaged and 'workers institutionally contracted from other organization' by nationality, sex and type of employment

NSIC Code	No. of Estbs.	No. of persons engaged				Working props. & unpaid family worker				Manager				Regular employees				Temporary employees				Workers, institutionally contracted from other organizations			
		Nepali		Non-Nepali		Nepali		Non-Nepali		Nepali		Non-Nepali		Nepali		Non-Nepali		Nepali		Non-Nepali		Nepali		Non-Nepali	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
8	5	52	-	-	-	8	-	-	-	2	-	-	-	42	-	-	-	-	-	-	-	-	-	-	-
10	1,069	3,327	603	199	-	1,451	384	-	-	74	2	2	-	1,380	175	152	-	422	42	45	-	34	-	-	-
11	15	123	156	-	-	28	11	-	-	4	-	-	-	49	16	-	-	42	129	-	-	2	-	-	-
13	35	54	45	24	1	26	17	22	-	-	-	-	-	22	18	1	1	7	10	1	-	-	-	-	-
14	789	1,259	1,085	47	-	745	561	-	-	-	-	-	-	435	427	42	-	79	98	5	-	-	78	-	-
15	32	77	10	-	-	39	10	-	-	3	-	-	-	31	-	-	-	4	-	-	-	-	-	-	-
16	35	190	7	45	-	51	7	-	-	20	-	-	-	90	-	34	-	30	-	11	-	-	-	-	-
17	8	60	27	-	-	24	14	-	-	1	-	-	-	29	6	-	-	6	7	-	-	-	-	-	-
18	67	245	44	1	-	88	24	-	-	12	3	-	-	143	17	1	-	3	-	-	-	-	25	-	-
20	5	62	16	-	-	6	4	-	-	6	-	-	-	32	9	-	-	18	3	-	-	-	-	-	-
22	3	27	12	-	-	8	2	-	-	-	-	-	-	11	8	-	-	8	2	-	-	-	-	-	-
23	132	3,600	1,379	1,493	688	191	40	-	-	78	3	-	-	1,355	365	803	332	1,977	971	690	356	-	-	-	-
25	240	813	39	85	-	367	9	-	-	6	-	-	-	394	30	71	-	47	-	14	-	-	-	-	-
27	1																								
28	1																								
29	1																								
31	215	831	60	148	-	233	58	4	-	16	-	-	-	458	1	115	-	123	1	29	-	-	-	-	-
32	434	1,024	107	10	-	581	93	-	-	11	-	-	-	334	15	10	-	97	-	-	-	-	-	-	-
33	19	48	8	-	-	34	8	-	-	-	-	-	-	4	-	-	-	10	-	-	-	-	-	-	-
35	199	1,191	320	1	-	328	114	-	-	116	7	1	-	733	199	-	-	14	-	-	-	3	1	-	-
36	71	270	71	-	-	100	42	-	-	19	3	-	-	144	22	-	-	7	4	-	-	-	-	-	-
38	11	15	6	18	1	9	-	-	4	1	-	-	-	6	6	9	-	-	-	5	-	-	-	-	-
22	3,387	13,294	3,995	2,072	690	4,320	1,398	30	1	368	18	3	-	5,705	1,314	1,239	333	2,904	1,267	800	356	39	79	25	-

Table 7.2: Number of administrative, productive and technical employees among regular/temporary employees

NSIC Code	NSIC	No. of Estbs.	Administrative workers				Productive workers				Technical workers (among productive)			
			Nepali		Non-Nepali		Nepali		Non-Nepali		Nepali		Non-Nepali	
			Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
8	Other mining and quarrying	5	9	-	-	-	33	-	-	-	4	-	-	-
10	Manufacture of food products	1,069	194	32	1	-	1,608	185	196	-	356	6	79	-
11	Manufacture of beverages	15	6	2	-	-	85	143	-	-	7	5	-	-
13	Manufacture of textiles	35	-	-	-	-	29	28	2	1	22	7	1	-
14	Manufacture of wearing apparel	789	12	-	-	-	503	524	47	-	262	173	13	-
15	Manufacture of leather and related products	32	-	-	-	-	35	-	-	-	-	-	-	-
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	35	3	-	-	-	117	-	45	-	31	-	10	-
17	Manufacture of paper and paper products	8	3	-	-	-	32	13	-	-	21	1	-	-
18	Printing and reproduction of recorded media	67	5	2	-	-	141	15	1	-	56	-	1	-
20	Manufacture of chemicals and chemical products	5	24	-	-	-	26	12	-	-	2	-	-	-
22	Manufacture of rubber and plastics products	3	2	-	-	-	17	10	-	-	1	2	-	-
23	Manufacture of other non-metallic mineral products	132	220	26	-	-	3,112	1,310	1,493	688	371	108	271	122
25	Manufacture of fabricated metal products, except machinery and equipment	240	18	3	-	-	423	27	85	-	105	1	67	-
27	Manufacture of electrical equipment	1												
28	Manufacture of machinery and equipment n.e.c.	1												
29	Manufacture of motor vehicles, trailers and semi-trailers	1												
31	Manufacture of furniture	215	16	2	1	-	565	-	143	-	238	-	33	-
32	Other manufacturing	434	5	-	-	-	427	15	10	-	167	-	10	-
33	Repair and installation of machinery and equipment	19	-	-	-	-	14	-	-	-	10	-	-	-
35	Electricity, gas, steam and air conditioning supply	199	315	106	-	-	432	93	-	-	197	2	-	-
36	Water collection, treatment and supply	71	44	23	-	-	107	3	-	-	64	-	-	-
38	Waste collection, treatment and disposal activities; materials recovery	11	2	-	7	-	4	6	7	-	1	-	-	-
22	Total	3,387	879	196	9	-	7,732	2,384	2,030	689	1,932	305	486	122

Table 8.1 : Wages/salaries and facilities by types of employment

NSIC code	NSIC	No. of Estbs.	Working props. & unpaid family worker	Number of Employees			Wages/salaries and facilities paid to			
				Manager	Regular employees	Temporary employees	Manager	Regular employees	Temporary employees	in thousands rupees
8	Other mining and quarrying	5	8	2	42	-	3,360	28,039	-	-
10	Manufacture of food products	1,069	1,834	78	1,707	509	34,209	769,617	263,827	
11	Manufacture of beverages	15	39	4	65	171	1,470	36,912	23,670	
13	Manufacture of textiles	35	64	-	42	18	-	9,785	1,045	
14	Manufacture of wearing apparel	789	1,305	-	904	182	-	148,735	30,405	
15	Manufacture of leather and related products	32	49	3	31	4	213	4,986	600	
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	35	58	20	124	41	5,011	39,159	25,141	
17	Manufacture of paper and paper products	8	38	1	35	13	300	6,110	3,907	
18	Printing and reproduction of recorded media	67	111	15	161	3	1,818	24,511	165	
20	Manufacture of chemicals and chemical products	5	10	6	41	21	6,054	14,405	6,312	
22	Manufacture of rubber and plastics products	3	10	-	19	10	-	10,864	12,816	
23	Manufacture of other non-metallic mineral products	132	231	81	2,854	3,994	16,701	902,666	485,162	
25	Manufacture of fabricated metal products, except machinery and equipment	240	375	6	494	61	838	117,934	7,896	
27	Manufacture of electrical equipment	1								
28	Manufacture of machinery and equipment n.e.c.	1								
29	Manufacture of motor vehicles, trailers and semi-trailers	1								
31	Manufacture of furniture	215	295	16	574	153	3,789	128,515	19,801	
32	Other manufacturing	434	674	11	359	97	11	83,718	6,360	
33	Repair and installation of machinery and equipment	19	42	-	4	10	-	930	1,289	
35	Electricity, gas, steam and air conditioning supply	199	442	124	932	14	17,346	234,238	976	
36	Water collection, treatment and supply	71	142	22	166	11	11,490	79,962	1,084	
38	Waste collection, treatment and disposal activities; materials recovery	11	14	-	21	5	-	21,599	950	
22	Total	3,387	5,744	389	8,589	5,327	102,610	2,668,730	892,606	

Table 9.1 : Value of output

NSIC code	NSIC	No. of Estbs.	Value of output	Census Output							Receipt from selected non- industrial services
				Sales of goods or services (value of shipments)	Receipt from industrial & other services		Cost of work done on own account	Change in value of stocks (semi/ finished goods)	Trade margin		
					Contract & commission	Repair and maintenance				Others (incl. R & D)	
8	Other mining and quarrying	5	1,735,092	1,730,858	-	-	-	-	4,235	-	-
10	Manufacture of food products	1,069	16,030,255	10,291,805	2,001,760	1,823,024	1,804,604	-	30,270	30,236	48,573
11	Manufacture of beverages	15	440,286	396,863	435	-	-	-	-1,161	8,805	35,355
13	Manufacture of textiles	35	37,878	29,818	6,096	480	-	-	977	513	-
14	Manufacture of wearing apparel	789	615,165	370,122	121,432	49,582	50,451	-	1,956	21,440	200
15	Manufacture of leather and related products	32	77,268	70,714	811	1,611	211	-	3,703	168	53
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	35	4,663,170	4,079,993	41,969	32,016	32,356	-	3,854	472,307	675
17	Manufacture of paper and paper products	8	93,815	75,612	6,306	6,306	6,306	-	-725	7	3
18	Printing and reproduction of recorded media	67	164,178	143,405	4,440	7,644	1,009	-	5,906	1,257	520
20	Manufacture of chemicals and chemical products	5	636,655	284,890	115,839	115,839	115,839	-	3,846	2	400
22	Manufacture of rubber and plastics products	3	323,580	219,291	34,026	34,026	34,026	-	1,953	257	-
23	Manufacture of other non-metallic mineral products	132	2,579,828	2,293,549	41,323	40,653	43,778	450	91,176	63,521	5,380
25	Manufacture of fabricated metal products, except machinery and equipment	240	800,399	655,401	57,696	44,444	30,048	-	4,524	6,125	2,146
27	Manufacture of electrical equipment	1									
28	Manufacture of machinery and equipment n.e.c.	1									
29	Manufacture of motor vehicles, trailers and semi-trailers	1									
31	Manufacture of furniture	215	780,168	533,954	100,460	49,472	42,749	58	27,583	23,001	2,886
32	Other manufacturing	434	1,431,246	996,662	152,177	124,802	111,031	-	37,340	1,603	7,609
33	Repair and installation of machinery and equipment	19	14,461	4,711	7,360	1,473	-	-	-	721	196
35	Electricity, gas, steam and air conditioning supply	199	4,721,239	3,906,821	-	117	143	13	197	160	813,785
36	Water collection, treatment and supply	71	2,357,789	2,345,324	1,124	-	2,676	-	-	-	8,663
38	Waste collection, treatment and disposal activities; materials recovery	11	893,972	867,719	50	-	-	-	157	10,046	16,000
22	Total	3,387	38,454,417	29,297,836	2,698,276	2,379,732	2,278,879	521	216,379	640,289	942,519

Table 9.2: Value of sales of commodities by central product classification (CPC)

CPC code	Product name	Value of sales (in thousand rupees)		
		Nepal	Foreign	Total
113	Rice	26,100	-	26,100
170	Pulses (dried leguminous vegetables)	545	-	545
313	Fuel wood, in logs, in billets, in twigs, in faggots or in similar forms	15,765	-	15,765
1512	Marble and other calcareous monumental or building stone	36,645	-	36,645
1520	Gypsum; anhydrite; limestone flux; limestone and other calcareous stone, of a kind used for the manufacture of lime or cement	670,080	-	670,080
1531	Natural sands	100,745	-	100,745
1532	Pebbles, gravel, broken or crushed stone, macadam; granules, chippings and powder of stone	923,387	-	923,387
2111	Meat of mammals, fresh or chilled	51,014	-	51,014
2112	Meat of poultry, fresh or chilled	38,038	-	38,038
2122	Fish fillets and meat; fish livers and roes	11,128	-	11,128
2139	Other prepared and preserved vegetables, pulses and potatoes	2,675	-	2,675
2141	Dried fruit	103	-	103
2149	Other prepared and preserved fruits and nuts (except by sugar)	48	-	48
2161	Soya bean oil	407,995	-	407,995
2164	Rape, colza and mustard oil	309,085	-	309,085
2169	Other vegetable oils, n.e.c.	2,175	-	2,175
2191	Oil-cake and other solid residues, of vegetable fats or oils	163,054	-	163,054
2211	Processed liquid milk	36,300	-	36,300
2212	Cream, fresh	11	-	11
2223	Yoghurt and other fermented or acidified milk and cream	60,792	-	60,792
2224	Butter and other fats and oils derived from milk	8,413	-	8,413
2225	Cheese, fresh or processed	27,298	-	27,298
2227	Ice cream and other edible ice	34,662	-	34,662
2229	Dairy products n.e.c.	6,758	-	6,758
2311	Wheat and meslin flour	1,351,661	-	1,351,661
2312	Other cereal flours	330,826	-	330,826
2316	Rice, semi- or wholly milled, or husked	2,277,945	-	2,277,945
2331	Preparations used in animal feeding	2,084,112	-	2,084,112
2341	Crispbread; rusks, toasted bread and similar toasted products	8,407	-	8,407
2342	Gingerbread and the like; sweet biscuits; waffles and wafers	299,177	-	299,177
2343	Pastry goods and cakes	20,940	-	20,940
2349	Bread and other bakers' wares	30,339	-	30,339
2351	Raw cane or beet sugar	1,196,795	-	1,196,795

Table 9.2: Value of sales of commodities by central product classification (CPC)

CPC code	Product name	Value of sales (in thousand rupees)		
		Nepal	Foreign	Total
2352	Refined sugar	1,076,560	-	1,076,560
2353	Refined cane or beet sugar, in solid form, containing added flavouring or colouring matter; maple sugar and maple syrup	55,875	-	55,875
2354	Molasses	29,483	-	29,483
2367	Sugar confectionery (including white chocolate), not containing cocoa; vegetables, fruits, nuts, fruit-peel and other parts of plants, preserved by sugar	18,165	-	18,165
2371	Uncooked pasta, not stuffed or otherwise prepared	20,332	-	20,332
2372	Pasta, cooked, stuffed or otherwise prepared; couscous	53,968	-	53,968
2392	Spices and aromatics, processed	12,625	-	12,625
2399	Other food products	18,637	-	18,637
2413	Undenatured ethyl alcohol of an alcoholic strength by volume of less than 80% vol; spirits, liqueurs and other spirituous beverages	271,415	-	271,415
2421	Wine of fresh grapes, whether or not flavoured; grape must	118,393	-	118,393
2441	Bottled waters, not sweetened or flavoured	25,865	-	25,865
2638	Yarn of vegetable textile fibres other than cotton (including flax, jute, coir and true hemp); paper yarn	122	-	122
2659	Woven fabrics of other vegetable textile fibres; woven fabrics of paper yarn	2,004	-	2,004
2684	Terry towelling and similar woven terry fabrics (other than narrow fabrics) of cotton	360	-	360
2718	Quilts, eiderdowns, cushions, pouffes, pillows, sleeping bags and the like, fitted with springs or stuffed or internally fitted with any material or of cellular rubber or plastics	24,042	-	24,042
2721	Carpets and other textile floor coverings, knotted	540	-	540
2791	Tulles, lace, narrow woven fabrics, trimmings and embroidery	10,617	-	10,617
2822	Wearing apparel, knitted or crocheted	23,558	-	23,558
2823	Wearing apparel, of textile fabric, not knitted or crocheted; brassieres, corsets, suspenders and similar articles, whether or not knitted or crocheted	307,497	-	307,497
2826	Hats and headgear	36	-	36
2922	Luggage, handbags and the like, of leather, composition leather, plastic sheeting, textile materials, vulcanized fibre or paperboard; travel sets for personal toilet, sewing or shoe or clothes cleaning	12,083	-	12,083
2932	Footwear with outer soles and uppers of rubber or plastics, other than waterproof footwear or sports footwear	13,399	-	13,399
2933	Footwear with uppers of leather, other than sports footwear, footwear incorporating a protective metal toe-cap and miscellaneous special footwear	55,515	-	55,515
3110	Wood, sawn or chipped lengthwise, sliced or peeled, of a thickness exceeding 6 mm; railway or tramway sleepers (cross-ties) of wood, not impregnated	526,659	-	526,659
3121	Wood, continuously shaped along any of its edges or faces (including strips and friezes for parquet flooring, not assembled, and beadings and mouldings)	3,529,024	-	3,529,024
3122	Wood wool; wood flour	9,384	-	9,384

Table 9.2: Value of sales of commodities by central product classification (CPC)

CPC code	Product name	Value of sales (in thousand rupees)		
		Nepal	Foreign	Total
3160	Builders' joinery and carpentry of wood (including cellular wood panels, assembled parquet panels, shingles and	123,592	-	123,592
3170	Packing cases, boxes, crates, drums and similar packings, of wood; cable-drums of wood; pallets, box pallets and other load boards, of wood; casks, barrels, vats and other coopers' products and parts thereof, of wood	2,295	-	2,295
3191	Other products of wood	2,120	-	2,120
3211	Pulps of wood or other fibrous cellulosic material	4,725	-	4,725
3212	Newsprint, hand-made paper and other uncoated paper and paperboard of a kind used for graphic purposes, and punch card stock and punch tape paper	1,166	-	1,166
3215	Corrugated paper and paperboard and containers of paper and paperboard	59,457	-	59,457
3221	Educational textbooks, in print	44,827	-	44,827
3230	Newspapers and periodicals, daily, in print	3,909	-	3,909
3253	Printed or illustrated postcards; printed cards bearing personal greetings or messages, with or without envelopes or trimmings	5,538	-	5,538
3254	Printed pictures, designs and photographs	6,662	-	6,662
3262	Trade advertising material, commercial catalogues and the like	3,407	-	3,407
3263	Transfers (decalcomanias) and printed calendars	6,483	-	6,483
3270	Registers, account books, notebooks, letter pads, diaries and similar articles, blotting-pads, binders, file covers, forms and other articles of stationery, of paper or paperboard	57,407	-	57,407
3511	Paints and varnishes and related products	148,829	-	148,829
3532	Soap and detergents, perfume and toilet preparations	141,630	-	141,630
3633	Plates, sheets, film, foil and strip, of plastics, not self-adhesive, non-cellular and not reinforced, laminated, supported or similarly combined with other materials	4,275	-	4,275
3641	Sacks and bags, of plastics	4,391	-	4,391
3649	Other articles for the conveyance or packing of goods, of plastics; stoppers, lids, caps and other closures, of plastics	219,477	-	219,477
3729	Other non-structural ceramic wares	8,370	-	8,370
3735	Non-refractory ceramic building bricks, flooring blocks, support or filler tiles, roofing tiles, chimney-pots, cowl, chimneys liners, architectural ornaments and other ceramic construction goods	1,989,474	-	1,989,474
3755	Prefabricated structural components for building or civil engineering, of cement, concrete or artificial stone	54,841	-	54,841
3756	Other articles of cement, concrete or artificial stone	240,397	-	240,397
3811	Seats	31,762	-	31,762
3812	Other furniture, of a kind used in offices	110,684	-	110,684
3813	Other wooden furniture, of a kind used in the kitchen	4,361	-	4,361
3814	Other furniture n.e.c.	188,125	-	188,125
3815	Mattress supports; mattresses, fitted with springs or stuffed or internally fitted with any material or of cellular rubber or plastics, whether or not covered	74,447	-	74,447

Table 9.2: Value of sales of commodities by central product classification (CPC)

CPC code	Product name	Value of sales (in thousand rupees)		
		Nepal	Foreign	Total
3824	Jewellery and other articles of precious metal or of metal clad with precious metal; articles of natural or cultured pearls or precious or semi-precious stones (natural, synthetic or reconstructed)	994,925	-	994,925
3855	Puzzles	1,595	-	1,595
3891	Pens, pencils, stamps, typewriter or similar ribbons, ink-pads and similar articles	3,692	-	3,692
3899	Other articles	1,836	-	1,836
3912	Bran and other residues from the working of cereals or legumes; vegetable materials and vegetable waste, vegetable residues and by-products, whether or not in the form of pellets, of a kind used in animal feeding n.e.c.	197,035	-	197,035
3922	Waste of leather, leather dust, powder and flour	9,504	-	9,504
3928	Sawdust and wood waste and scrap	4,719	-	4,719
4124	Bars and rods, hot-rolled, of iron or steel	8,400	-	8,400
4212	Doors, windows and their frames and thresholds for doors, of iron, steel or aluminium	113,645	-	113,645
4219	Other structures (except prefabricated buildings) and parts of structures, of iron, steel or aluminium; plates, rods, angles, shapes, sections, profiles, tubes and the like, prepared for use in structures, of iron, steel or aluminium; props and similar equipment for scaffolding, shuttering or pitpropping	154,363	-	154,363
4291	Domestic metal products	5,202	-	5,202
4292	Hand tools (including hand tools of a kind used in agriculture, horticulture or forestry, hand saws, files, pliers and metal cutting shears, hand-operated spanners, blow-lamps and clamps); interchangeable tools for hand tools or for machine tools, including dies for drawing or extruding metal, and rock drilling or earth boring tools; knives for machines; plates, sticks, tips and the like for tools, unmounted, of sintered metal carbides or cermet	116	-	116
4293	Tanks, casks, drums, cans, boxes and similar containers (other than for compressed or liquefied gas) of iron, steel or aluminium, of a capacity not exceeding 300 litres, not fitted with mechanical or thermal equipment; stoppers, caps and lids (including crown corks), capsules for bottles, threaded bungs, bung covers, seals and other packing accessories, of base metal	17,084	-	17,084
4294	Metal fasteners, springs and miscellaneous articles made from metal wire	220,682	-	220,682
4299	Other metal goods	23,614	-	23,614
4392	Machinery for cleaning bottles, packing, and weighing; spraying machinery	6,687	-	6,687
4411	Soil machinery (Agricultural, horticultural or forestry machinery for soil preparation or cultivation; lawn or sports-ground rollers)	5,619	-	5,619
4416	Self-loading or self-unloading trailers and semi-trailers for agricultural purposes	720	-	720
4482	Domestic cooking and heating equipment, non-electric	387	-	387
4621	Electricity distribution or control apparatus	324	-	324
4922	Trailers and semi-trailers; containers	90,363	-	90,363
8822	Wearing apparel manufacturing services	24,078	-	24,078
9999	Not reported	1,905	-	1,905
109	Total	22,178,322	-	22,178,322

Table 9.3 : Receipts from non-industrial services

NSIC code	NSIC	No. of Estbs.	Receipts from non industrial services (in thousand rupees)									Total
			Land rent	Building rent	Machines rent	Vehicle rent	Agency commission	Government grant	Discount	Compensation	Others	
8	Other mining and quarrying	5	-	-	-	-	-	-	-	-	-	-
10	Manufacture of food products	1,069	2,400	-	3,600	1,350	-	125,250	-	2,661	43,497	178,758
11	Manufacture of beverages	15	-	-	50	-	-	-	-	-	25	75
13	Manufacture of textiles	35	-	-	-	-	-	220	-	-	-	220
14	Manufacture of wearing apparel	789	-	-	-	-	-	858	-	-	63	921
15	Manufacture of leather and related products	32	267	-	-	-	-	-	-	80	53	400
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	35	-	-	-	-	-	500	-	-	475	975
17	Manufacture of paper and paper products	8	-	-	-	-	-	220	-	-	3	223
18	Printing and reproduction of recorded media	67	-	150	-	-	300	-	-	150	70	670
20	Manufacture of chemicals and chemical products	5	-	-	-	-	-	170	-	-	400	570
22	Manufacture of rubber and plastics products	3	-	-	-	-	-	-	-	-	-	-
23	Manufacture of other non-metallic mineral products	132	-	100	3,200	-	-	50	-	500	2,080	5,930
25	Manufacture of fabricated metal products, except machinery and equipment	240	-	-	500	250	-	-	50	-	1,396	2,196
27	Manufacture of electrical equipment	1										
28	Manufacture of machinery and equipment n.e.c.	1										
29	Manufacture of motor vehicles, trailers and semi-trailers	1										
31	Manufacture of furniture	215	-	200	-	300	10	-	-	-	1,780	2,290
32	Other manufacturing	434	1,040	4,170	-	-	-	229	20	2,080	3,384	10,923
33	Repair and installation of machinery and equipment	19	-	-	-	-	-	-	-	-	196	196
35	Electricity, gas, steam and air conditioning supply	199	50	6	-	-	-	27,478	31	32	813,779	841,377
36	Water collection, treatment and supply	71	-	10	-	186	-	6,174	-	-	8,366	14,737
38	Waste collection, treatment and disposal activities; materials recovery	11	-	-	-	-	-	-	-	-	16,000	16,000
22	Total	3,387	3,757	4,636	7,350	2,086	310	161,149	101	5,503	891,642	1,076,536

Table 10.1 : Value of input

NSIC code	NSIC	No. of Estbs.	Census input										Cost of selected non-industrial services
			Value of input	Cost of raw materials and supplies purchased	Cost of fuel purchased	Value of electricity purchased	Cost of water purchased	Cost of industrial and other services			Change in stocks (raw materials and fuels)		
								Expenses on other industrial services	Contract and commission	Repair and maintenance		Others (incl. R & D)	
in thousands rupees													
8	Other mining and quarrying	5	395,415	-	9,498	6,048	-	-	3,750	6,466	79,784	-	289,870
10	Manufacture of food products	1,069	12,292,036	11,565,638	68,380	170,055	1,258	-	44,369	25,026	20,448	239,457	157,521
11	Manufacture of beverages	15	225,898	151,802	4,049	2,770	-	-	19,001	13,072	12,502	-2,588	25,303
13	Manufacture of textiles	35	24,040	18,668	633	161	-	-	1,652	431	193	-90	2,389
14	Manufacture of wearing apparel	789	384,040	231,348	1,553	8,137	298	-	77,945	18,328	17,616	-23,675	52,688
15	Manufacture of leather and related products	32	47,109	45,534	171	171	-	-	768	-	-	-1,817	2,286
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	35	2,384,727	266,952	1,367	2,768	916	-	823,025	547,974	547,518	185,673	8,541
17	Manufacture of paper and paper products	8	68,339	63,280	870	523	-	-	31	381	-	1,413	1,842
18	Printing and reproduction of recorded media	67	116,520	96,255	870	2,352	121	-	5,895	1,602	1,351	-3,078	11,150
20	Manufacture of chemicals and chemical products	5	532,338	527,954	2,252	2,014	75	-	-	5	-	-9,993	10,031
22	Manufacture of rubber and plastics products	3	247,296	242,970	440	980	2	-	-	77	-	-3,460	6,288
23	Manufacture of other non-metallic mineral products	132	1,501,523	581,854	518,873	6,776	918	-	137,352	109,560	100,264	-13,233	59,168
25	Manufacture of fabricated metal products, except	240	570,780	485,348	4,448	14,174	109	-	25,873	11,084	7,732	-9,654	31,658
27	Manufacture of electrical equipment	1											
28	Manufacture of machinery and equipment n.e.c.	1											
29	Manufacture of motor vehicles, trailers and semi-trailers	1											
31	Manufacture of furniture	215	530,992	415,223	38,618	8,133	78	-	19,009	5,415	4,448	-5,563	45,638
32	Other manufacturing	434	1,085,530	1,070,856	7,219	2,381	487	-	7,200	1,129	686	-41,727	37,317
33	Repair and installation of machinery and equipment	19	9,271	6,076	16	794	-	-	548	295	295	-	1,252
35	Electricity, gas, steam and air conditioning supply	199	3,277,407	-	9,415	2,091,862	4,225	2,750	128,708	3,870	7,416	-160	1,029,326
36	Water collection, treatment and supply	71	1,179,812	-	160	3,874	40	377,518	-	589	61	-	797,576
38	Waste collection, treatment and disposal activities; materials recovery	11	494,691	-	16	127	-	378,965	108	-	-	-	115,475
22	Total	3,387	25,409,896	15,770,356	669,934	2,324,139	8,527	759,233	1,335,200	745,464	800,474	311,470	2,685,476

Table 10.2: Value of raw materials purchased by central product classification (CPC)

CPC code	Product name	Value of purchased (in thousands rupees)		
		From Nepal	From Foreign countries	Total
0111	Wheat	1,594,239	425,799	2,020,038
0112	Maize (corn)	68,292	1,000,960	1,069,252
0113	Rice	2,643,268	-	2,643,268
0115	Barley	239	-	239
0123	Fruit-bearing vegetables	1,317	-	1,317
0125	Root, bulb or tuberous vegetables	155	-	155
0131	Tropical and subtropical fruits	242	-	242
0132	Citrus fruits	784	-	784
0133	Grapes	-	4,226	4,226
0134	Pome fruits and stone fruits	1,790	-	1,790
0135	Berries and other fruits	821	-	821
0141	Soya beans	-	74,750	74,750
0144	Other oilseeds	1,327,566	-	1,327,566
0151	Potatoes	22	-	22
0152	Cassava	17	-	17
0165	Spice and aromatic crops, raw	8,531	990	9,521
0169	Stimulant, spice and aromatic crops, n.e.c.	920	-	920
0170	Pulses (dried leguminous vegetables)	747	-	747
0180	Sugar crops	2,498,104	-	2,498,104
0193	Plants and parts of plants used primarily in perfumery, in pharmacy, or for insecticidal, fungicidal or similar purposes	760	-	760
0195	Natural rubber in primary forms or in plates, sheets or strip	490	-	490
0212	Other ruminants	50,055	-	50,055
0214	Swine / pigs	50	-	50
0215	Poultry	33,075	-	33,075
0221	Raw milk from bovine animals	91,490	-	91,490
0311	Logs of coniferous wood	287,311	-	287,311
0313	Fuel wood, in logs, in billets, in twigs, in faggots or in similar forms	10,000	-	10,000
0321	Natural gums and resins, gums-resins and oleoresins	-	11,788	11,788
0325	Vegetable materials of a kind used primarily for plaiting or as stuffing or padding; raw vegetable materials of a kind used primarily for dyeing or tanning; vegetable products n.e.c.	-	56	56
0421	Freshwater fish, live, fresh or chilled	10,440	-	10,440
1513	Granite, sandstone and other monumental or building stone	924	-	924
1520	Gypsum; anhydrite; limestone flux; limestone and other calcareous stone, of a kind used for the manufacture of lime or cement	190	-	190

Table 10.2: Value of raw materials purchased by central product classification (CPC)

CPC code	Product name	Value of purchased (in thousands rupees)		
		From Nepal	From Foreign countries	Total
1531	Natural sands	45,483	-	45,483
1532	Pebbles, gravel, broken or crushed stone, macadam; granules, chippings and powder of stone	30,006	-	30,006
1540	Clays	348,996	-	348,996
1620	Salt and pure sodium chloride; sea water	51,885	-	51,885
1631	Precious stones (including diamonds, but not industrial diamonds) and semi-precious stones, unworked or simply sawn or roughly shaped	4,609	-	4,609
1633	Chalk and dolomite	52,182	6,065	58,247
2119	Flours, meals and pellets of meat or meat offal, inedible; greaves	-	47,326	47,326
2139	Other prepared and preserved vegetables, pulses and potatoes	84	-	84
2141	Dried fruit	9	-	9
2142	Shelled nuts	151	-	151
2152	Animal fats, rendered	202,612	-	202,612
2161	Soya bean oil	10,202	20,789	30,991
2169	Other vegetable oils, n.e.c.	90	-	90
2191	Oil-cake and other solid residues, of vegetable fats or oils	86,396	649,152	735,548
2211	Processed liquid milk	28,135	-	28,135
2212	Cream, fresh	1,102	-	1,102
2221	Milk and cream in solid forms	2,554	-	2,554
2224	Butter and other fats and oils derived from milk	50,694	-	50,694
2227	Ice cream and other edible ice	29	-	29
2311	Wheat and meslin flour	154,538	-	154,538
2312	Other cereal flours	1,590	-	1,590
2321	Glucose and glucose syrup; fructose and fructose syrup; lactose and lactose syrup; invert sugar; sugars and sugar syrups n.e.c.; artificial honey; caramel	3,673	-	3,673
2322	Starches; inulin; wheat gluten; dextrins and other modified starches	825	-	825
2331	Preparations used in animal feeding	3,268	-	3,268
2342	Gingerbread and the like; sweet biscuits; waffles and wafers	276	-	276
2352	Refined sugar	85,735	-	85,735
2353	Refined cane or beet sugar, in solid form, containing added flavouring or colouring matter; maple sugar and maple syrup	3,695	-	3,695
2354	Molasses	776	-	776
2392	Spices and aromatics, processed	3,125	-	3,125
2399	Other food products	3,726	-	3,726
2411	Undenatured ethyl alcohol of an alcoholic strength by volume of 80% vol or higher	31,130	10,350	41,480
2613	Wool, degreased or carbonized, not carded or combed	1,425	-	1,425

Table 10.2: Value of raw materials purchased by central product classification (CPC)

CPC code	Product name	Value of purchased (in thousands rupees)		
		From Nepal	From Foreign countries	Total
2616	Cotton, carded or combed	4,235	83	4,317
2622	Artificial staple fibres, carded, combed or otherwise processed for spinning	198	-	198
2631	Silk yarn and yarn spun from silk waste; silk-worm gut	5,025	-	5,025
2632	Yarn of wool, containing 85% or more by weight of wool, not put up for retail sale	345	-	345
2635	Cotton sewing thread	19,803	54	19,856
2636	Cotton yarn (other than sewing thread), containing 85% or more by weight of cotton	5,460	325	5,785
2638	Yarn of vegetable textile fibres other than cotton (including flax, jute, coir and true hemp); paper yarn	776	-	776
2641	Sewing thread of man-made filaments or staple fibres	239	-	239
2645	Yarn (other than sewing thread) of artificial staple fibres, containing 85% or more by weight of such fibres, not put up for retail sale	18	-	18
2651	Woven fabrics of silk or of silk waste	1,581	-	1,581
2652	Woven fabrics of carded wool or of carded fine animal hair, containing 85% or more by weight of wool or fine animal hair	575	-	575
2661	Woven fabrics of cotton, containing 85% or more by weight of cotton, weighing not more than 200 g/m ²	7,857	-	7,857
2663	Woven fabrics of cotton, containing less than 85% by weight of cotton, mixed mainly or solely with man-made fibres	64	-	64
2669	Other woven fabrics of cotton	230	-	230
2671	Woven fabrics of man-made filament yarn, obtained from high tenacity yarn of nylon or other polyamides, of polyesters or of viscose rayon; woven fabrics of synthetic filament yarn, obtained from strip or the like; woven fabrics of synthetic filament yarn, consisting of layers of parallel yarns superimposed on each other at angles, the layers being bonded at the intersections of the yarns (including mesh scrim)	132,766	7,831	140,597
2673	Other woven fabrics of man-made filament yarn	46	-	46
2679	Other woven fabrics of man-made staple fibres	124	-	124
2681	Woven pile fabrics and chenille fabrics (other than terry towelling and narrow fabrics) of cotton	21,370	5,968	27,337
2711	Blankets and travelling rugs (except electric blankets)	75	-	75
2715	Sacks and bags, of a kind used for the packing of goods	4,826	-	4,826
2718	Quilts, eiderdowns, cushions, pouffes, pillows, sleeping bags and the like, fitted with springs or stuffed or internally fitted with any material or of cellular rubber or plastics	629	-	629
2719	Other made-up textile articles (including floor-cloths, dish-cloths, dusters and similar cleaning cloths, life-jackets and life-belts)	308	-	308
2731	Twine, cordage, rope and cables	380	-	380
2791	Tulles, lace, narrow woven fabrics, trimmings and embroidery	501	-	501
2799	Other textile articles	9,456	-	9,456
2819	Other knitted or crocheted fabrics	17	-	17
2823	Wearing apparel, of textile fabric, not knitted or crocheted; brassieres, corsets, suspenders and similar articles, whether or not knitted or crocheted	11,582	-	11,582

Table 10.2: Value of raw materials purchased by central product classification (CPC)

CPC code	Product name	Value of purchased (in thousands rupees)		
		From Nepal	From Foreign countries	Total
2912	Other leather, of bovine or equine animals, without hair on	4,583	-	4,583
2922	Luggage, handbags and the like, of leather, composition leather, plastic sheeting, textile materials, vulcanized fibre or paperboard; travel sets for personal toilet, sewing or shoe or clothes cleaning	14,772	-	14,772
2960	Parts of footwear; removable insoles, heel cushions and similar articles; gaiters, leggings and similar articles, and parts thereof	4,240	-	4,240
3110	Wood, sawn or chipped lengthwise, sliced or peeled, of a thickness exceeding 6 mm; railway or tramway sleepers (cross-ties) of wood, not impregnated	193,177	-	193,177
3121	Wood, continuously shaped along any of its edges or faces (including strips and friezes for parquet flooring, not assembled, and beadings and mouldings)	63	-	63
3123	Wood in chips or particles	380	-	380
3141	Plywood consisting solely of sheets of wood, except of bamboo	96,213	-	96,213
3142	Other plywood, veneered panels and similar laminated wood, except of bamboo	21,532	-	21,532
3151	Veneer sheets and sheets for plywood and other wood sawn lengthwise, sliced or peeled, of a thickness not exceeding 6 mm	76	-	76
3191	Other products of wood	115	-	115
3211	Pulps of wood or other fibrous cellulosic material	4,122	-	4,122
3212	Newsprint, hand-made paper and other uncoated paper and paperboard of a kind used for graphic purposes, and punch card stock and punch tape paper	54,030	25,202	79,231
3213	Toilet tissue stock, uncoated kraftliner and other uncoated paper and paperboard; miscellaneous other papers	4,187	43,423	47,610
3214	Processed paper and paperboard	8,504	3,378	11,882
3215	Corrugated paper and paperboard and containers of paper and paperboard	35,474	-	35,474
3219	Other paper and paperboard products	902	-	902
3253	Printed or illustrated postcards; printed cards bearing personal greetings or messages, with or without envelopes or trimmings	52	-	52
3254	Printed pictures, designs and photographs	507	-	507
3270	Registers, account books, notebooks, letter pads, diaries and similar articles, blotting-pads, binders, file covers, forms and other articles of stationery, of paper or paperboard	163	-	163
3280	Composed type, prepared printing plates or cylinders, impressed lithographic stones or other impressed media for use in printing	258	-	258
3334	Kerosenes	41	-	41
3335	White spirit and special boiling point industrial spirits	164	-	164
3338	Lubricants	13	-	13
3350	Petroleum jelly; paraffin wax, micro- crystalline petroleum wax, slack wax, ozokerite, lignite wax, peat wax, other mineral waxes, and similar products; petroleum coke, petroleum bitumen and other residues of petroleum oils or of oils obtained from bituminous materials	1,582	-	1,582

Table 10.2: Value of raw materials purchased by central product classification (CPC)

CPC code	Product name	Value of purchased (in thousands rupees)		
		From Nepal	From Foreign countries	Total
3413	Alcohols, phenols, phenol-alcohols, and their halogenated, sulphonated, nitrated or nitrosated derivatives; industrial fatty alcohols	48,155	86	48,241
3414	Carboxylic acids and their anhydrides, halides, peroxides and peroxyacids and their halogenated, sulphonated, nitrated or nitrosated derivatives, except salicylic acid and its salts and esters and their salts	190	-	190
3423	Chemical elements n.e.c.; inorganic acids; inorganic oxygen compounds of boron, silicon and carbon; halogen or sulphur compounds of non-metals; sodium hydroxide; hydroxide and peroxide of magnesium; oxides, hydroxides and peroxides of strontium or barium; aluminium hydroxide; hydrozine and hydroxylamine and their inorganic salts	3,616	-	3,616
3424	Phosphates of triammonium; salts and peroxy salts of inorganic acids and metals n.e.c.	131,874	7,763	139,637
3427	Cyanides, cyanide oxides and complex cyanides; fulminates, cyanates and thiocyanates; silicates; borates; perborates	52,091	-	52,091
3432	Tanning extracts of vegetable origin; tannins and their salts, ethers, esters and other derivatives; colouring matter of vegetable or animal origin, except animal black; preparations based on colouring matter of vegetable or animal origin	1,587	-	1,587
3434	Colouring matter n.e.c.; inorganic products of a kind used as luminophores	2,407	-	2,407
3440	Activated natural mineral products; animal black; tall oil; terpenic oils produced by the treatment of coniferous woods; crude dipentene; crude para-cymene; pine oil; rosin and resin acids, and derivatives thereof; rosin spirit and rosin oils; rum gums; wood tar; wood tar oils; wood creosote; wood naphtha; vegetable pitch; brewers' pitch	79	-	79
3472	Polymers of styrene, in primary forms	11,902	-	11,902
3474	Polyacetals, other polyethers and epoxide resins, in primary forms; polycarbonates, alkyd resins, polyallyl esters and other polyesters, in primary forms	27,038	44,347	71,385
3511	Paints and varnishes and related products	11,141	31,065	42,206
3513	Printing ink	4,843	334	5,177
3531	Organic surface active agents, except soap	2,096	-	2,096
3532	Soap and detergents, perfume and toilet preparations	174	-	174
3533	Cleaning and polishing preparations	436	-	436
3541	Essential oils and concentrates, aqueous distillates and aqueous solutions thereof; resinoids; terpenic by-products of the deterpenation of essential oils; mixtures of odoriferous substances of a kind used as raw materials in industry	25,959	23,823	49,782
3542	Glues and gelatine, peptones and their derivatives, and related products; caseinates and other casein derivatives; albuminates and other albumin derivatives	4,636	31	4,667
3544	Modelling pastes; "dental wax" or "dental impression compounds"; other preparations for use in dentistry with a basis of plaster; preparations and charges for fire-extinguishers; charged fire-extinguishing grenades; prepared culture media for development and maintenance of micro-organisms and plant, human or animal cells; composite diagnostic or laboratory reagents n.e.c.	10	-	10
3549	Other chemical products	618	518	1,136

Table 10.2: Value of raw materials purchased by central product classification (CPC)

CPC code	Product name	Value of purchased (in thousands rupees)		
		From Nepal	From Foreign countries	Total
3622	Unvulcanized compounded rubber, in primary forms or in plates, sheets or strip; unvulcanized rubber in forms other than primary forms or plates, sheets or strip (except "camel-back" strips for retreading rubber tyres); articles of unvulcanized rubber; thread, cord, plates, sheets, strip, rods and profile shapes, of vulcanized rubber other than hard rubber	24,000	-	24,000
3625	Rubberized textile fabrics, except tyre cord fabric	9,793	64	9,857
3627	Articles of vulcanized rubber n.e.c.; hard rubber; articles of hard rubber	1,044	-	1,044
3631	Monofilament of which any cross-sectional dimension exceeds 1 mm, rods, sticks and profile shapes, of plastics	1,371	-	1,371
3632	Tubes, pipes and hoses, and fittings therefor, of plastics	124	-	124
3633	Plates, sheets, film, foil and strip, of plastics, not self-adhesive, non-cellular and not reinforced, laminated, supported or similarly combined with other materials	2,876	-	2,876
3641	Sacks and bags, of plastics	11,507	37,950	49,457
3649	Other articles for the conveyance or packing of goods, of plastics; stoppers, lids, caps and other closures, of plastics	85,380	57,201	142,581
3692	Self-adhesive plates, sheets, film, foil, tape, strip and other flat shapes, of plastics	12,136	-	12,136
3699	Articles of plastics n.e.c.	3,886	-	3,886
3711	Unworked glass, flat glass and pressed or moulded glass for construction; glass mirrors	4,930	-	4,930
3719	Other glass articles	218	-	218
3735	Non-refractory ceramic building bricks, flooring blocks, support or filler tiles, roofing tiles, chimney-pots, cowls, chimney liners, architectural ornaments and other ceramic construction goods	3,738	-	3,738
3742	Quicklime, slaked lime and hydraulic lime	48,379	-	48,379
3744	Portland cement, aluminous cement, slag cement and similar hydraulic cements, except in the form of clinkers	95,040	-	95,040
3757	Articles of asbestos-cement, cellulose fibre-cement or the like	1,258	-	1,258
3811	Seats	5,238	-	5,238
3812	Other furniture, of a kind used in offices	6,240	-	6,240
3822	Cultured pearls, precious or semi-precious stones, and synthetic or reconstructed precious or semi-precious stones (except industrial diamonds and piezo-electric quartz), worked (except simply sawn, cleaved, bruted or roughly shaped), but not strung, mounted or set	120	-	120
3824	Jewellery and other articles of precious metal or of metal clad with precious metal; articles of natural or cultured pearls or precious or semi-precious stones (natural, synthetic or reconstructed)	4,859	-	4,859
3891	Pens, pencils, stamps, typewriter or similar ribbons, ink-pads and similar articles	13	958	971
3892	Umbrellas, sun-umbrellas, walking-sticks, seat-sticks, whips, riding-crops, buttons, press-fasteners, snap-fasteners, press-studs, slide fasteners and parts thereof; button blanks	4,732	32	4,765
3899	Other articles	299	-	299
3911	Raw offal, inedible (including pigs' bristles; horse hair, animal guts, bird skins, feathers, bones and ivory)	114	-	114
3912	Bran and other residues from the working of cereals or legumes; vegetable materials and vegetable waste, vegetable residues and by-products, whether or not in the form of pellets, of a kind used in animal feeding n.e.c.	81,118	94,651	175,769

Table 10.2: Value of raw materials purchased by central product classification (CPC)

CPC code	Product name	Value of purchased (in thousands rupees)		
		From Nepal	From Foreign countries	Total
3921	Miscellaneous textile wastes	1,797	-	1,797
4111	Primary materials of the iron and steel industry	26	-	26
4121	Flat-rolled products of steel, not further worked than hot-rolled	24,571	-	24,571
4122	Flat-rolled products of steel, not further worked than cold-rolled	16,756	-	16,756
4123	Flat-rolled products of steel, further worked than hot-rolled or cold-rolled; flat-rolled products of silicon-electrical and high-speed steel, whether or not further worked	22,070	-	22,070
4124	Bars and rods, hot-rolled, of iron or steel	226,091	-	226,091
4125	Angles, shapes and sections, not further worked than hot-rolled, hot-drawn or extruded, of iron or non-alloy steel; sheet piling of steel; welded angles, shapes and sections, of steel; railway or tramway track construction material of steel	38,408	-	38,408
4126	Bars, rods, angles, shapes and sections, cold-processed or further worked, of iron or steel; angles, shapes and sections, hot-rolled, hot-drawn or extruded, of alloy steel; steel wire	125,248	-	125,248
4128	Tubes, pipes and hollow profiles, of steel	16,697	-	16,697
4129	Tubes, pipes and hollow profiles of cast-iron and cast-steel and related fittings; tube or pipe fittings of steel other than cast	12,296	-	12,296
4131	Silver (including silver plated with gold or platinum), unwrought or in semi-manufactured forms, or in powder form	133,669	-	133,669
4132	Gold (including gold plated with platinum), unwrought or in semi-manufactured forms, or in powder form	925,494	-	925,494
4135	Base metals clad with silver, and base metals, silver or gold clad with platinum, not further worked than semi-manufactured	13	-	13
4151	Semi-finished products of copper or copper alloys	39	-	39
4153	Semi-finished products of aluminium or aluminium alloys	31,900	-	31,900
4154	Semi-finished products of lead, zinc and tin or their alloys	17,656	-	17,656
4160	Other non-ferrous metals and articles thereof (including waste and scrap of some metals); cermet and articles thereof	13	-	13
4212	Doors, windows and their frames and thresholds for doors, of iron, steel or aluminium	647	-	647
4219	Other structures (except prefabricated buildings) and parts of structures, of iron, steel or aluminium; plates, rods, angles, shapes, sections, profiles, tubes and the like, prepared for use in structures, of iron, steel or aluminium; props and similar equipment for scaffolding, shuttering or pitting	15,578	111	15,689
4292	Hand tools (including hand tools of a kind used in agriculture, horticulture or forestry, hand saws, files, pliers and metal cutting shears, hand-operated spanners, blow-lamps and clamps); interchangeable tools for hand tools or for machine tools, including dies for drawing or extruding metal, and rock drilling or earth boring tools; knives for machines; plates, sticks, tips and the like for tools, unmounted, of sintered metal carbides or cermet	29	-	29
4294	Metal fasteners, springs and miscellaneous articles made from metal wire	18,029	-	18,029
4295	Wire, rods, tubes, plates, electrodes and similar products, of base metal or of metal carbides, coated or cored with flux material, of a kind used for soldering, brazing, welding or deposition of metal or of metal carbides; wire and rods, of agglomerated base metal powder, used for metal spraying	3,342	-	3,342

Table 10.2: Value of raw materials purchased by central product classification (CPC)

CPC code	Product name	Value of purchased (in thousands rupees)		
		From Nepal	From Foreign countries	Total
4299	Other metal goods	9,632	46	9,678
4421	Machine-tools for working metal; machine-tools for working any material by laser or similar process	544	-	544
4491	Other special-purpose machinery	72	-	72
4621	Electricity distribution or control apparatus	84	-	84
4631	Insulated winding wire	96	-	96
4823	Precision balances; instruments for drawing, calculating, measuring length, etc.	261	-	261
9999	Not reported	124,427	115,909	240,336
188	Total	13,017,226	2,753,404	15,770,627

Table 10.3 : Value of fuels purchased

NSIC code	NSIC	No. of Estbs.	Value of fuel purchased (in thousands rupees)									Total
			Firewood	Charcoal	Disel	Petrol	Kerosene	LPG	Lubricants	Others		
8	Other mining and quarrying	5	-	-	9,154	170	-	156	18	-	9,498	
10	Manufacture of food products	1,069	15,571	-	39,420	1,275	844	4,522	3,895	2,853	68,380	
11	Manufacture of beverages	15	162	-	3,680	65	2	-	140	-	4,049	
13	Manufacture of textiles	35	-	-	614	-	-	-	24	-	633	
14	Manufacture of wearing apparel	789	97	10	110	284	11	5	1,026	6	1,553	
15	Manufacture of leather and related products	32	-	-	-	-	110	61	-	-	171	
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	35	3	-	962	48	110	22	222	9	1,367	
17	Manufacture of paper and paper products	8	224	-	432	156	-	-	58	-	870	
18	Printing and reproduction of recorded media	67	-	-	529	72	158	-	102	9	870	
20	Manufacture of chemicals and chemical products	5	1,524	-	423	300	-	-	5	-	2,252	
22	Manufacture of rubber and plastics products	3	-	-	57	-	-	8	375	-	440	
23	Manufacture of other non-metallic mineral products	132	64,141	296,837	57,515	2,414	125	7	1,984	95,850	518,873	
25	Manufacture of fabricated metal products, except machinery and equipment	240	203	448	2,262	233	2	269	552	480	4,448	
27	Manufacture of electrical equipment	1										
28	Manufacture of machinery and equipment n.e.c.	1										
29	Manufacture of motor vehicles, trailers and semi-trailers	1										
31	Manufacture of furniture	215	-	16	34,068	2,796	1,152	86	495	14	38,618	
32	Other manufacturing	434	-	155	-	93	39	6,227	671	21	7,219	
33	Repair and installation of machinery and equipment	19	-	-	-	8	-	-	8	-	16	
35	Electricity, gas, steam and air conditioning supply	199	-	-	1,811	5,432	-	885	1,239	49	9,415	
36	Water collection, treatment and supply	71	-	-	155	-	-	-	5	-	160	
38	Waste collection, treatment and disposal activities; materials recovery	11	-	-	-	-	-	16	-	-	16	
22	Total	3,387	81,925	297,466	152,178	13,397	2,553	12,279	10,854	99,291	669,934	

Table 10.4 : Electricity purchased and generated

NSIC code	NSIC	No. of estbs.	Purchased quantity (KWH)	Value of purchased (in thousand rupees)	Generated quantity (KWH)	Value of sales (in thousand rupees)
8	Other mining and quarrying	5	604,752	6,048	-	-
10	Manufacture of food products	1,069	16,213,133	170,055	-	-
11	Manufacture of beverages	15	273,950	2,770	-	-
13	Manufacture of textiles	35	12,236	161	-	-
14	Manufacture of wearing apparel	789	759,266	8,137	17,100	137
15	Manufacture of leather and related products	32	16,610	171	-	-
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	35	267,935	2,768	-	-
17	Manufacture of paper and paper products	8	52,315	523	-	-
18	Printing and reproduction of recorded media	67	231,722	2,352	-	-
20	Manufacture of chemicals and chemical products	5	201,412	2,014	-	-
22	Manufacture of rubber and plastics products	3	102,123	980	-	-
23	Manufacture of other non-metallic mineral products	132	671,937	6,776	-	-
25	Manufacture of fabricated metal products, except machinery and equipment	240	1,407,432	14,174	-	-
27	Manufacture of electrical equipment	1				
28	Manufacture of machinery and equipment n.e.c.	1				
29	Manufacture of motor vehicles, trailers and semi-trailers	1				
31	Manufacture of furniture	215	794,419	8,133	74,450	596
32	Other manufacturing	434	233,691	2,381	6,857	55
33	Repair and installation of machinery and equipment	19	79,240	794	-	-
35	Electricity, gas, steam and air conditioning supply	199	209,202,416	2,091,862	437,106,523	3,906,821
36	Water collection, treatment and supply	71	386,360	3,874	-	-
38	Waste collection, treatment and disposal activities; materials recovery	11	12,725	127	-	-
22	Total	3,387	231,527,537	2,324,139	437,204,930	3,907,609

Table 10.5 : Cost of non-industrial services

NSIC code	No. of estbs.	Cost of non industrial services (in thousand rupees)														
		Land rent	Building rent	Mechines rent	Vehicle rent	Transport	Insurance Premium	Communi- cation	Printing	Consultancy	Commission	Advertise- ment	Royalty	Travelling	Misc.	Total
8	5	9,420	-	1,500	16,800	400	3,964	489	1,363	683	-	50	400	524	282,585	318,178
10	1,069	5,798	9,047	2,313	9,015	25,202	11,342	5,699	3,932	4,686	4,714	2,568	10	2,222	476,926	563,474
11	15	660	2,127	-	75	14,568	360	354	416	201	-	438	-	2,497	9,012	30,708
13	35	198	1,428	-	80	165	-	54	26	14	-	45	-	-	1,417	3,426
14	789	1,889	30,006	91	1,356	195	446	2,594	1,213	678	-	1,067	20	151	29,835	69,543
15	32	143	1,352	-	120	140	-	186	80	20	-	90	-	-	1,729	3,860
16	35	1,287	382	-	-	6,956	-	251	180	283	-	-	-	126	15,722	25,187
17	8	-	300	-	-	549	112	55	23	75	-	56	18	-	6,036	7,224
18	67	252	4,117	-	1,431	44	192	803	496	298	-	209	-	55	17,743	25,638
20	5	1,500	-	-	-	1,841	656	117	247	95	-	395	-	2,343	13,728	20,922
22	3	18	192	-	-	2,550	789	62	54	57	-	-	-	-	6,259	9,981
23	132	21,602	518	3,720	12,098	8,883	3,905	2,720	1,896	5,402	805	575	120	994	113,338	176,575
25	240	3,230	7,727	-	2,926	2,932	797	2,244	653	936	1,060	493	-	273	34,376	57,647
27	1															
28	1															
29	1															
31	215	5,920	2,532	1,920	4,764	4,596	186	2,390	1,125	2,525	96	1,257	206	646	55,143	83,306
32	434	14,484	18,045	171	321	229	34	1,550	1,456	1,525	-	839	-	-	42,553	81,207
33	19	-	486	-	-	112	-	43	13	-	-	-	-	-	1,648	2,302
35	199	143	403	3	312	173	972	559	1,100	1,355	-	115	3,574	710	1,025,496	1,034,915
36	71	-	19,474	440	1,828	1,100	-	17,412	19,188	11,750	782	1,595	-	8,169	1,056,019	1,137,757
38	11	38,946	3,301	-	63,262	-	248	3,383	740	715	-	-	-	-	98,644	209,239
22	3,387	105,670	101,449	10,158	114,388	70,641	24,004	40,976	34,207	31,313	7,457	9,798	4,348	18,710	3,288,946	3,862,063

Table 11.1 : Gross addition to the fixed assets and loss of fixed assets during the year

NSIC code	No. of estbs.	Gross addition to the fixed assets (in thousands rupees)										Receipt from		Loss due to catastrophe
		Land	Land Improve.	Building and Structures	Machinery	Computer and Accessories	Vehicles	Furnitures	Research & Development	Others	Capital work in progress	Total	Sales of fixed assets	
8	5	-	-	-	9,626	-	-	-	-	-	-	9,626	-	-
10	1,069	1,465	-	4,190	59,275	377	4,855	45	35	-	720	70,962	10,350	1,120
11	15	-	-	4,159	-	-	-	111	-	-	-	4,270	-	-
13	35	-	110	-	3,135	-	-	-	-	-	-	3,245	-	-
14	789	-	-	13	7,434	-	-	274	-	-	-	7,722	-	13
15	32	-	-	-	800	-	-	-	-	-	-	800	-	-
16	35	-	-	9	261	-	-	4	-	-	-	274	-	-
17	8	-	-	-	-	-	-	-	-	-	-	-	-	-
18	67	-	-	-	3,168	55	-	-	-	-	-	3,223	-	-
20	5	-	-	-	-	-	-	-	-	-	-	-	-	-
22	3	-	-	258	1,123	-	-	-	-	-	-	1,381	-	-
23	132	-	215	1,283	13,092	166	4,875	-	-	-	1,200	20,831	28,125	-
25	240	-	-	11,261	1,122	622	110	-	-	-	1,800	14,916	-	44,744
27	1													
28	1													
29	1													
31	215	3,096	-	1,216	620	-	-	18,454	-	-	-	23,386	-	524
32	434	-	-	-	1,364	103	-	233	-	-	-	1,700	-	-
33	19	-	-	-	-	-	-	-	-	-	-	-	-	-
35	199	9,000	3	921	198,909	-	-	82	-	11	1,959,172	2,168,098	-	1,015
36	71	-	-	9,144	6,460	247	211	99	-	1,110	-	17,271	-	-
38	11	-	-	-	-	-	-	-	-	-	-	-	-	-
22	3,387	13,561	328	32,454	306,389	1,570	10,963	19,302	35	1,121	1,962,892	2,348,617	38,475	47,416

Table 11.2 : Gross fixed assets at the end of the year

NSIC code	No. of estbs.	Gross fixed assets at the end of the year (in thousands rupees)										
		Land	Land Improve.	Building and Structures	Machinery	Computer and Accessories	Vehicles	Furnitures	Research & Development	Others	Capital work in progress	Total
8	5	1,380	-	2,301	44,402	96	29,755	59	-	-	-	77,993
10	1,069	2,123,271	-	945,137	1,294,915	7,341	192,235	21,396	168	9,252	720	4,594,434
11	15	23,756	-	30,796	28,525	591	21,750	1,071	-	-	-	106,489
13	35	3,100	110	2,455	7,883	-	-	477	-	-	-	14,024
14	789	143,271	-	55,798	102,935	228	150	16,204	-	-	-	318,586
15	32	7,833	-	15,000	1,780	-	-	-	-	1,467	-	26,080
16	35	107,410	-	20,869	22,433	200	10,186	1,161	-	-	-	162,259
17	8	12,378	-	11,391	21,690	155	5,828	1,775	-	-	-	53,217
18	67	63,150	-	70,217	123,587	7,119	-	4,354	300	-	-	268,726
20	5	24,389	-	10,500	35,216	400	1,542	1,716	-	-	-	73,763
22	3	-	-	10,944	55,305	164	4,800	349	-	-	-	71,562
23	132	851,340	215	254,824	135,117	2,641	254,949	3,318	54	8,292	1,200	1,511,950
25	240	240,394	-	45,905	87,156	1,681	15,821	2,756	-	333	1,800	395,846
27	1											
28	1											
29	1											
31	215	352,763	-	144,568	59,486	1,449	30,417	47,558	90	441	-	636,773
32	434	109,229	-	11,516	18,999	2,933	6,925	35,559	-	92,000	-	277,161
33	19	37,900	-	21,400	7,520	-	-	439	-	-	-	67,259
35	199	70,527	3	76,029	12,053,934	12,720	4,477	3,500	45	1,723	1,959,172	14,182,130
36	71	31,650	-	75,150	76,914	949	4,015	787	27	4,055	-	193,547
38	11	3,000	-	250	100	-	300	20	-	-	-	3,670
22	3,387	4,214,241	328	1,805,150	14,184,456	38,787	586,516	142,614	684	117,563	1,962,892	23,053,229

Table 12.1 : Value of opening and closing stocks

NSIC code	No. of estbs.	Value of opening stocks (in thousand rupees)						Value of closing stocks (in thousand rupees)					
		Materials and supplies	Fuels	Semi-finished goods	Finished goods	Traded goods	Others	Materials and supplies	Fuels	Semi-finished goods	Finished goods	Traded goods	Others
8	5	-	-	-	68,199	-	-	-	-	-	72,435	-	-
10	1,069	1,608,505	94	446	127,200	10	1,404	1,369,057	89	608	156,754	365	1,604
11	15	50,357	-	3,227	14,373	-	-	52,856	90	4,194	12,244	-	-
13	35	955	-	352	2,765	100	2	1,046	-	703	3,312	178	1
14	789	34,144	13	410	11,315	697	-	57,827	13	529	13,291	558	-
15	32	4,770	-	-	830	-	-	6,587	-	-	4,533	-	-
16	35	651,864	-	-	150	72	-	466,191	-	-	3,962	114	-
17	8	9,873	-	612	1,137	-	1,295	8,459	-	722	1,325	-	272
18	67	5,778	-	-	2,313	-	-	8,856	-	-	8,216	-	-
20	5	9,592	-	-	3,040	-	8,613	19,586	-	-	8,959	-	6,541
22	3	1,564	-	-	-	189	2,100	5,024	-	-	1,449	47	2,746
23	132	14,394	2,920	1,280	124,182	-	-	30,278	270	3,955	212,683	-	-
25	240	16,547	72	350	7,522	-	-	25,867	405	-	12,395	-	-
27	1												
28	1												
29	1												
31	215	54,088	720	9,064	10,105	1,730	2,790	59,261	1,107	13,133	32,810	2,420	2,910
32	434	49,648	52	7,030	13,266	-	-	91,125	301	38,253	19,383	-	-
33	19	-	-	-	-	-	-	-	-	-	-	-	-
35	199	-	376	-	-	-	97	-	536	-	-	250	45
36	71	-	-	-	-	-	-	-	-	-	-	-	-
38	11	-	-	-	-	77	-	-	-	-	-	234	-
22	3,387	2,512,079	4,247	22,771	387,662	2,875	16,301	2,202,055	2,811	62,097	565,604	4,166	14,119

Table 13.1 : Average operating days of establishments in a year

NSIC code	NSIC	No. of estbs.	No. of establishments operating			
			Less than 90 days	90-179 days	180-269 days	270 days or more
8	Other mining and quarrying	5	-	1	2	2
10	Manufacture of food products	1,069	13	24	113	917
11	Manufacture of beverages	15	-	-	7	8
13	Manufacture of textiles	35	1	4	13	18
14	Manufacture of wearing apparel	789	-	26	120	643
15	Manufacture of leather and related products	32	-	-	-	32
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	35	-	1	10	25
17	Manufacture of paper and paper products	8	-	3	3	2
18	Printing and reproduction of recorded media	67	-	-	-	62
20	Manufacture of chemicals and chemical products	5	-	-	-	5
22	Manufacture of rubber and plastics products	3	-	-	-	3
23	Manufacture of other non-metallic mineral products	132	1	37	50	44
25	Manufacture of fabricated metal products, except machinery and equipment	240	-	-	50	190
27	Manufacture of electrical equipment	1				
28	Manufacture of machinery and equipment n.e.c.	1				
29	Manufacture of motor vehicles, trailers and semi-trailers	1				
31	Manufacture of furniture	215	-	25	53	137
32	Other manufacturing	434	-	-	86	348
33	Repair and installation of machinery and equipment	19	-	-	8	11
35	Electricity, gas, steam and air conditioning supply	199	-	-	33	166
36	Water collection, treatment and supply	71	-	2	2	67
38	Waste collection, treatment and disposal activities; materials recovery	11	-	-	1	10
22	Total	3,387	15	123	552	2,692
						7

Table 13.2 : Average operating hours per day of establishments

NSIC code	NSIC	No. of estbs.	No. of establishments operating			
			Less than 6 hrs.	6-11 hrs.	12-17 hrs.	18 hours or more
8	Other mining and quarrying	5	-	4	1	-
10	Manufacture of food products	1,069	218	795	50	6
11	Manufacture of beverages	15	-	14	1	-
13	Manufacture of textiles	35	1	29	6	-
14	Manufacture of wearing apparel	789	52	726	11	-
15	Manufacture of leather and related products	32	-	22	10	-
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	35	6	30	-	-
17	Manufacture of paper and paper products	8	-	8	-	-
18	Printing and reproduction of recorded media	67	-	67	-	-
20	Manufacture of chemicals and chemical products	5	-	5	-	-
22	Manufacture of rubber and plastics products	3	-	2	1	-
23	Manufacture of other non-metallic mineral products	132	-	112	20	-
25	Manufacture of fabricated metal products, except machinery and equipment	240	-	240	-	-
27	Manufacture of electrical equipment	1	-	-	-	-
28	Manufacture of machinery and equipment n.e.c.	1	-	-	-	-
29	Manufacture of motor vehicles, trailers and semi-trailers	1	-	-	-	-
31	Manufacture of furniture	215	20	193	2	-
32	Other manufacturing	434	-	398	36	-
33	Repair and installation of machinery and equipment	19	8	8	3	-
35	Electricity, gas, steam and air conditioning supply	199	2	94	67	36
36	Water collection, treatment and supply	71	18	29	9	15
38	Waste collection, treatment and disposal activities; materials recovery	11	-	11	-	-
22	Total	3,387	325	2,789	218	57

Table 13.3 : Number of shifts per day of establishments

NSIC code	NSIC	No. of estbs.	No. of establishments by shift per day			
			1 shift	2 shift	3 shift	4 shift Not reported
8	Other mining and quarrying	5	4	1	-	-
10	Manufacture of food products	1,069	1,036	31	2	-
11	Manufacture of beverages	15	15	-	-	-
13	Manufacture of textiles	35	32	4	-	-
14	Manufacture of wearing apparel	789	765	24	-	-
15	Manufacture of leather and related products	32	32	-	-	-
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	35	34	1	-	-
17	Manufacture of paper and paper products	8	8	-	-	-
18	Printing and reproduction of recorded media	67	67	-	-	-
20	Manufacture of chemicals and chemical products	5	5	-	-	-
22	Manufacture of rubber and plastics products	3	2	1	-	-
23	Manufacture of other non-metallic mineral products	132	118	11	1	1
25	Manufacture of fabricated metal products, except machinery and equipment	240	240	-	-	-
27	Manufacture of electrical equipment	1				
28	Manufacture of machinery and equipment n.e.c.	1				
29	Manufacture of motor vehicles, trailers and semi-trailers	1				
31	Manufacture of furniture	215	201	13	1	-
32	Other manufacturing	434	434	-	-	-
33	Repair and installation of machinery and equipment	19	19	-	-	-
35	Electricity, gas, steam and air conditioning supply	199	121	70	8	-
36	Water collection, treatment and supply	71	34	35	2	-
38	Waste collection, treatment and disposal activities; materials recovery	11	7	4	-	-
22	Total	3,387	3,176	196	14	1

Table 13.4 : Capacity utilization out of total production capacity (in percent)

NSIC code	NSIC	No. of estbts.	No. of establishments with capacity utilization						
			Less than 25 percent	25 - 49 percent	50 - 74 percent	75 - 99 percent	100 percent	Not reported	
8	Other mining and quarrying	5	-	1	2	1	1	-	
10	Manufacture of food products	1,069	32	123	382	317	216	-	
11	Manufacture of beverages	15	-	1	6	7	1	-	
13	Manufacture of textiles	35	-	6	19	6	6	-	
14	Manufacture of wearing apparel	789	-	54	222	247	266	-	
15	Manufacture of leather and related products	32	-	-	-	13	19	-	
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	35	-	9	21	3	3	-	
17	Manufacture of paper and paper products	8	-	-	6	1	1	-	
18	Printing and reproduction of recorded media	67	8	2	24	9	25	-	
20	Manufacture of chemicals and chemical products	5	-	-	1	-	4	-	
22	Manufacture of rubber and plastics products	3	-	2	-	-	1	-	
23	Manufacture of other non-metallic mineral products	132	-	4	50	45	33	-	
25	Manufacture of fabricated metal products, except machinery and equipment	240	-	12	93	71	64	-	
27	Manufacture of electrical equipment	1							
28	Manufacture of machinery and equipment n.e.c.	1							
29	Manufacture of motor vehicles, trailers and semi-trailers	1							
31	Manufacture of furniture	215	-	26	75	73	41	-	
32	Other manufacturing	434	-	132	135	103	65	-	
33	Repair and installation of machinery and equipment	19	-	-	11	7	1	-	
35	Electricity, gas, steam and air conditioning supply	199	3	30	22	87	57	-	
36	Water collection, treatment and supply	71	-	14	13	22	22	-	
38	Waste collection, treatment and disposal activities; materials recovery	11	-	-	6	3	2	-	
22	Total	3,387	43	416	1,091	1,015	828	-	

Table 13.5 : Reasons of not utilizing the full productive capacity

S.N.		No. of Establishments	Percent
1	Number of establishments running in full capacity	828	24.4
2	Number of establishments not running in full capacity	2,559	75.6
Reason for not running in full capacity			
1	Load shedding /unstable power	128	5.0
2	Insufficiency of raw materials /other supplies	217	8.5
3	Insufficient resources	165	6.4
4	Insufficient skilled manpower	142	5.5
5	Climate effect	53	2.1
6	Government policy	2	0.1
7	Lack of market/ demand	1,273	49.7
8	Competition with others	200	7.8
9	Insufficient infrastructure	1	0.0
10	Weak managment	43	1.7
11	Traditional equipment	86	3.4
12	New business	49	1.9
13	Seasonal business	-	0.0
14	Construction damage	25	1.0
15	Other reasons	1	0.0
16	Not reported	174	6.8
Total		2,559	100.0

Table 14.1 : Views of establishments on various subjects

Subjects	Percentage of					
	Very positive	Positive	No effect	Negative	Very negative	Not applicable
1. Industrial Policy/law	7.76	49.14	34.03	3.69	1.62	3.60
2. Labour act	7.17	29.35	51.82	3.60	0.41	7.47
3. Environment act	5.61	27.21	56.14	1.36	0.38	7.82
4. Social Security act	3.42	26.13	58.34	3.16	0.41	8.06
5. Minimum wages/salary provision	4.07	40.94	40.91	6.43	0.09	7.29
6. Trade Union	3.13	25.98	51.02	3.31	0.47	15.83
7. Skilled manpower	5.31	49.03	22.11	20.34	0.71	2.24
8. Access for loan	3.19	48.30	27.64	18.66	0.94	0.89
9. Raw material	5.02	46.99	14.94	21.46	1.09	10.15
						0.35

Table 14.2 : Human and non-human accident/loss

NSIC code	NSIC	No. of estbs.	No. of estbs. with accident/loss	Human accident/loss			Non- human accident/loss		
				Yes	No. of events	No. of injuries	No. of deaths	Yes	No. of events
8	Other mining and quarrying	5	1	1	1	1	-	-	-
10	Manufacture of food products	1,069	16	1	1	1	-	15	15
11	Manufacture of beverages	15	5	-	-	-	-	5	10
13	Manufacture of textiles	35	5	1	1	1	-	4	4
14	Manufacture of wearing apparel	789	-	-	-	-	-	-	-
15	Manufacture of leather and related products	32	-	-	-	-	-	-	-
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	35	1	1	3	3	-	-	-
17	Manufacture of paper and paper products	8	-	-	-	-	-	-	-
18	Printing and reproduction of recorded media	67	-	-	-	-	-	-	-
20	Manufacture of chemicals and chemical products	5	-	-	-	-	-	-	-
22	Manufacture of rubber and plastics products	3	-	-	-	-	-	-	-
23	Manufacture of other non-metallic mineral products	132	13	-	-	-	-	13	30
25	Manufacture of fabricated metal products, except machinery and equipment	240	11	9	9	9	-	2	2
27	Manufacture of electrical equipment	1							
28	Manufacture of machinery and equipment n.e.c.	1							
29	Manufacture of motor vehicles, trailers and semi-trailers	1							
31	Manufacture of furniture	215	8	8	8	8	-	-	-
32	Other manufacturing	434	-	-	-	-	-	-	-
33	Repair and installation of machinery and equipment	19	-	-	-	-	-	-	-
35	Electricity, gas, steam and air conditioning supply	199	24	13	14	57	6	14	16
36	Water collection, treatment and supply	71	-	-	-	-	-	-	-
38	Waste collection, treatment and disposal activities; materials recovery	11	-	-	-	-	-	-	-
22	Total	3,387	84	34	37	80	6	53	77
									54,873

Table 14.3 : Loan/credit status of the establishment

Section code	Section	Size of estbs.	No. of estbs.	No. of estbs. with loan access type		
				Having loan	Having loan commitment	Neither taken loan nor in line of credit
B	Mining and Quarrying	large	2			
B	Mining and Quarrying	small	3	1	-	1
C	Manufacturing	large	228	146	31	48
C	Manufacturing	small	2,873	1,374	-	1,393
D	Electricity, gas, steam and air conditioning supply	large	37	9	-	28
D	Electricity, gas, steam and air conditioning supply	small	162	14	-	148
E	Water supply; sewerage, waste management and remediation activities	large	17	3	-	13
E	Water supply; sewerage, waste management and remediation activities	small	65	2	-	63
Total				1,551	31	1,694
					110	1

Table 14.4 : Provision of social security, safety measure and master plan in the establishments

NSIC code	NSIC	No. of estbs.	No. of establishments with									
			Social security provision		contribution of employees for social security		safety measure for employees		Master plan of the estbs.			
			Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
8	Other mining and quarrying	5	2	3	-	1	1	2	2	1	2	3
10	Manufacture of food products	1,069	39	1,030	-	27	12	193	876	-	260	809
11	Manufacture of beverages	15	1	14	-	1	-	8	7	-	6	9
13	Manufacture of textiles	35	-	35	-	-	-	10	25	-	7	29
14	Manufacture of wearing apparel	789	14	775	-	14	-	111	678	-	100	689
15	Manufacture of leather and related products	32	-	32	-	-	-	-	32	-	10	22
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	35	1	34	-	1	-	3	32	-	3	32
17	Manufacture of paper and paper products	8	1	7	-	-	1	2	6	-	3	5
18	Printing and reproduction of recorded media	67	7	60	-	5	3	21	46	-	15	52
20	Manufacture of chemicals and chemical products	5	-	5	-	-	-	4	1	-	3	2
22	Manufacture of rubber and plastics products	3	-	3	-	-	-	1	2	-	1	2
23	Manufacture of other non-metallic mineral products	132	14	118	-	14	-	48	84	-	39	93
25	Manufacture of fabricated metal products, except machinery and equipment	240	17	223	-	17	-	110	130	-	72	168
27	Manufacture of electrical equipment	1										
28	Manufacture of machinery and equipment n.e.c.	1										
29	Manufacture of motor vehicles, trailers and semi-trailers	1										
31	Manufacture of furniture	215	13	202	-	13	-	64	151	-	64	151
32	Other manufacturing	434	13	421	-	-	13	28	406	-	63	371
33	Repair and installation of machinery and equipment	19	-	19	-	-	-	16	3	-	-	19
35	Electricity, gas, steam and air conditioning supply	199	6	193	-	5	1	69	130	-	119	80
36	Water collection, treatment and supply	71	2	69	-	2	-	8	63	-	17	54
38	Waste collection, treatment and disposal activities; materials recovery	11	-	11	-	-	-	-	11	-	1	10
22	Total	3,387	130	3,257	-	100	31	699	2,687	1	788	2,600

Annexes

Annex 1: Economic Activities covered under NIS 2019/20

(According to NSIC, based on ISIC Revision 4)

ISIC Code	Economic Activities
B	Mining and quarrying
05	Mining of coal and lignite
051	Mining of hard coal
0510	Mining of hard coal
052	Mining of lignite
0520	Mining of lignite
06	Extraction of crude petroleum and natural gas
061	Extraction of crude petroleum
0610	Extraction of crude petroleum
062	Extraction of natural gas
0620	Extraction of natural gas
07	Mining of metal ores
071	Mining of iron ores
0710	Mining of iron ores
072	Mining of non-ferrous metal ores
0721	Mining of uranium and thorium ores
0729	Mining of other non-ferrous metal ores
08	Other mining and quarrying
081	Quarrying of stone, sand and clay
0810	Quarrying of stone, sand and clay
089	Mining and quarrying n.e.c.
0891	Mining of chemical and fertilizer minerals
0892	Extraction of peat
0893	Extraction of salt
0899	Other mining and quarrying n.e.c.
09	Mining support service activities
091	Support activities for petroleum and natural gas extraction
0910	Support activities for petroleum and natural gas extraction
099	Support activities for other mining and quarrying
0990	Support activities for other mining and quarrying
C	Manufacturing
10	Manufacture of food products
101	Processing and preserving of meat
1010	Processing and preserving of meat
102	Processing and preserving of fish, crustaceans and molluscs
1020	Processing and preserving of fish, crustaceans and molluscs
103	Processing and preserving of fruit and vegetables
1030	Processing and preserving of fruit and vegetables

ISIC Code	Economic Activities
104	Manufacture of vegetable and animal oils and fats
1040	Manufacture of vegetable and animal oils and fats
105	Manufacture of dairy products
1050	Manufacture of dairy products
106	Manufacture of grain mill products, starches and starch products
1061	Manufacture of grain mill products
1062	Manufacture of starches and starch products
107	Manufacture of other food products
1071	Manufacture of bakery products
1072	Manufacture of sugar
1073	Manufacture of cocoa, chocolate and sugar confectionery
1074	Manufacture of macaroni, noodles, couscous and similar farinaceous products
1075	Manufacture of prepared meals and dishes
1079	Manufacture of other food products n.e.c.
108	Manufacture of prepared animal feeds
1080	Manufacture of prepared animal feeds
11	Manufacture of beverages
110	Manufacture of beverages
1101	Distilling, rectifying and blending of spirits
1102	Manufacture of wines
1103	Manufacture of malt liquors and malt
1104	Manufacture of soft drinks; production of mineral waters and other bottled waters
12	Manufacture of tobacco products
120	Manufacture of tobacco products
1200	Manufacture of tobacco products
13	Manufacture of textiles
131	Spinning, weaving and finishing of textiles
1311	Preparation and spinning of textile fibres
1312	Weaving of textiles
1313	Finishing of textiles
139	Manufacture of other textiles
1391	Manufacture of knitted and crocheted fabrics
1392	Manufacture of made-up textile articles, except apparel
1393	Manufacture of carpets and rugs
1394	Manufacture of cordage, rope, twine and netting
1399	Manufacture of other textiles n.e.c.
14	Manufacture of wearing apparel
141	Manufacture of wearing apparel, except fur apparel
1410	Manufacture of wearing apparel, except fur apparel
142	Manufacture of articles of fur
1420	Manufacture of articles of fur

ISIC Code	Economic Activities
143	Manufacture of knitted and crocheted apparel
1430	Manufacture of knitted and crocheted apparel
15	Manufacture of leather and related products
151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur
1511	Tanning and dressing of leather; dressing and dyeing of fur
1512	Manufacture of luggage, handbags and the like, saddlery and harness
152	Manufacture of footwear
1520	Manufacture of footwear
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials
161	Sawmilling and planing of wood
1610	Sawmilling and planing of wood
162	Manufacture of products of wood, cork, straw and plaiting materials
1621	Manufacture of veneer sheets and wood-based panels
1622	Manufacture of builders' carpentry and joinery
1623	Manufacture of wooden containers
1629	Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials
17	Manufacture of paper and paper products
170	Manufacture of paper and paper products
1701	Manufacture of pulp, paper and paperboard
1702	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
1709	Manufacture of other articles of paper and paperboard
18	Printing and reproduction of recorded media
181	Printing and service activities related to printing
1811	Printing
1812	Service activities related to printing
182	Reproduction of recorded media
1820	Reproduction of recorded media
19	Manufacture of coke and refined petroleum products
191	Manufacture of coke oven products
1910	Manufacture of coke oven products
192	Manufacture of refined petroleum products
1920	Manufacture of refined petroleum products
20	Manufacture of chemicals and chemical products
201	Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms
2011	Manufacture of basic chemicals
2012	Manufacture of fertilizers and nitrogen compounds
2013	Manufacture of plastics and synthetic rubber in primary forms

ISIC Code	Economic Activities
202	Manufacture of other chemical products
2021	Manufacture of pesticides and other agrochemical products
2022	Manufacture of paints, varnishes and similar coatings, printing ink and mastics
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations
2029	Manufacture of other chemical products n.e.c.
203	Manufacture of man-made fibres
2030	Manufacture of man-made fibres
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations
210	Manufacture of pharmaceuticals, medicinal chemical and botanical products
2100	Manufacture of pharmaceuticals, medicinal chemical and botanical products
22	Manufacture of rubber and plastics products
221	Manufacture of rubber products
2211	Manufacture of rubber tyres and tubes; retreading and rebuilding of rubber tyres
2219	Manufacture of other rubber products
222	Manufacture of plastics products
2220	Manufacture of plastics products
23	Manufacture of other non-metallic mineral products
231	Manufacture of glass and glass products
2310	Manufacture of glass and glass products
239	Manufacture of non-metallic mineral products n.e.c.
2391	Manufacture of refractory products
2392	Manufacture of clay building materials
2393	Manufacture of other porcelain and ceramic products
2394	Manufacture of cement, lime and plaster
2395	Manufacture of articles of concrete, cement and plaster
2396	Cutting, shaping and finishing of stone
2399	Manufacture of other non-metallic mineral products n.e.c.
24	Manufacture of basic metals
241	Manufacture of basic iron and steel
2410	Manufacture of basic iron and steel
242	Manufacture of basic precious and other non-ferrous metals
2420	Manufacture of basic precious and other non-ferrous metals
243	Casting of metals
2431	Casting of iron and steel
2432	Casting of non-ferrous metals
25	Manufacture of fabricated metal products, except machinery and equipment
251	Manufacture of structural metal products, tanks, reservoirs and steam generators
2511	Manufacture of structural metal products
2512	Manufacture of tanks, reservoirs and containers of metal
2513	Manufacture of steam generators, except central heating hot water boilers

ISIC Code	Economic Activities
252	Manufacture of weapons and ammunition
2520	Manufacture of weapons and ammunition
259	Manufacture of other fabricated metal products; metalworking service activities
2591	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
2592	Treatment and coating of metals; machining
2593	Manufacture of cutlery, hand tools and general hardware
2599	Manufacture of other fabricated metal products n.e.c.
26	Manufacture of computer, electronic and optical products
261	Manufacture of electronic components and boards
2610	Manufacture of electronic components and boards
262	Manufacture of computers and peripheral equipment
2620	Manufacture of computers and peripheral equipment
263	Manufacture of communication equipment
2630	Manufacture of communication equipment
264	Manufacture of consumer electronics
2640	Manufacture of consumer electronics
265	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
2651	Manufacture of measuring, testing, navigating and control equipment
2652	Manufacture of watches and clocks
266	Manufacture of irradiation, electro medical and electrotherapeutic equipment
2660	Manufacture of irradiation, electro medical and electrotherapeutic equipment
267	Manufacture of optical instruments and photographic equipment
2670	Manufacture of optical instruments and photographic equipment
268	Manufacture of magnetic and optical media
2680	Manufacture of magnetic and optical media
27	Manufacture of electrical equipment
271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
2710	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
272	Manufacture of batteries and accumulators
2720	Manufacture of batteries and accumulators
273	Manufacture of wiring and wiring devices
2731	Manufacture of fibre optic cables
2732	Manufacture of other electronic and electric wires and cables
2733	Manufacture of wiring devices
274	Manufacture of electric lighting equipment
2740	Manufacture of electric lighting equipment
275	Manufacture of domestic appliances
2750	Manufacture of domestic appliances

ISIC Code	Economic Activities
279	Manufacture of other electrical equipment
2790	Manufacture of other electrical equipment
28	Manufacture of machinery and equipment n.e.c.
281	Manufacture of general-purpose machinery
2811	Manufacture of engines and turbines, except aircraft, vehicle and cycle engines
2812	Manufacture of fluid power equipment
2813	Manufacture of other pumps, compressors, taps and valves
2814	Manufacture of bearings, gears, gearing and driving elements
2815	Manufacture of ovens, furnaces and furnace burners
2816	Manufacture of lifting and handling equipment
2817	Manufacture of office machinery and equipment (except computers and peripheral equipment)
2818	Manufacture of power-driven hand tools
2819	Manufacture of other general-purpose machinery
282	Manufacture of special-purpose machinery
2821	Manufacture of agricultural and forestry machinery
2822	Manufacture of metal-forming machinery and machine tools
2823	Manufacture of machinery for metallurgy
2824	Manufacture of machinery for mining, quarrying and construction
2825	Manufacture of machinery for food, beverage and tobacco processing
2826	Manufacture of machinery for textile, apparel and leather production
2829	Manufacture of other special-purpose machinery
29	Manufacture of motor vehicles, trailers and semi-trailers
291	Manufacture of motor vehicles
2910	Manufacture of motor vehicles
292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
2920	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
293	Manufacture of parts and accessories for motor vehicles
2930	Manufacture of parts and accessories for motor vehicles
30	Manufacture of other transport equipment
301	Building of ships and boats
3011	Building of ships and floating structures
3012	Building of pleasure and sporting boats
302	Manufacture of railway locomotives and rolling stock
3020	Manufacture of railway locomotives and rolling stock
303	Manufacture of air and spacecraft and related machinery
3030	Manufacture of air and spacecraft and related machinery
304	Manufacture of military fighting vehicles
3040	Manufacture of military fighting vehicles

ISIC Code	Economic Activities
309	Manufacture of transport equipment n.e.c.
3091	Manufacture of motorcycles
3092	Manufacture of bicycles and invalid carriages
3099	Manufacture of other transport equipment n.e.c.
31	Manufacture of furniture
310	Manufacture of furniture
3100	Manufacture of furniture
32	Other manufacturing
321	Manufacture of jewellery, bijouterie and related articles
3211	Manufacture of jewellery and related articles
3212	Manufacture of imitation jewellery and related articles
322	Manufacture of musical instruments
3220	Manufacture of musical instruments
323	Manufacture of sports goods
3230	Manufacture of sports goods
324	Manufacture of games and toys
3240	Manufacture of games and toys
325	Manufacture of medical and dental instruments and supplies
3250	Manufacture of medical and dental instruments and supplies
329	Other manufacturing n.e.c.
3290	Other manufacturing n.e.c.
33	Repair and installation of machinery and equipment
331	Repair of fabricated metal products, machinery and equipment
3311	Repair of fabricated metal products
3312	Repair of machinery
3313	Repair of electronic and optical equipment
3314	Repair of electrical equipment
3315	Repair of transport equipment, except motor vehicles
3319	Repair of other equipment
332	Installation of industrial machinery and equipment
3320	Installation of industrial machinery and equipment
D	Electricity, gas, steam and air conditioning supply
35	Electricity, gas, steam and air conditioning supply
351	Electric power generation, transmission and distribution
3510	Electric power generation, transmission and distribution
352	Manufacture of gas; distribution of gaseous fuels through mains
3520	Manufacture of gas; distribution of gaseous fuels through mains
353	Steam and air conditioning supply
3530	Steam and air conditioning supply

ISIC Code	Economic Activities
E	Water supply; sewerage, waste management and remediation activities
36	Water collection, treatment and supply
360	Water collection, treatment and supply
3600	Water collection, treatment and supply
37	Sewerage
370	Sewerage
3700	Sewerage
38	Waste collection, treatment and disposal activities; materials recovery
381	Waste collection
3811	Collection of non-hazardous waste
3812	Collection of hazardous waste
382	Waste treatment and disposal
3821	Treatment and disposal of non-hazardous waste
3822	Treatment and disposal of hazardous waste
383	Materials recovery
3830	Materials recovery
39	Remediation activities and other waste management services
390	Remediation activities and other waste management services
3900	Remediation activities and other waste management services

Annex 2: Concepts and Definition

1. **Industrial establishment** : For the purpose of this survey, an industrial establishment is defined as an economic unit, which engages under a single ownership or control, in one or predominantly one kind of economic activity at a single physical location having engaged in economic activity as defined in section B, C, D and E of the NSIC (i.e. B: Mining and quarrying; C: Manufacturing; D: Electricity, gas, steam and air conditioning supply; and E: Water supply; sewerage, waste management and remediation activities).
2. **Number of employees**: Number of persons who work for the establishment and receive pay, in cash or in kind, at a regular interval. It includes managers, regular and temporary workers, whether they are in full time or part time employment. It excludes institutionally contracted employees from other organizations.
3. **Number of persons engaged**: Number of employees plus number of working proprietors and active business partners plus number of unpaid family and other workers working for at least one third of the normal working hours.
4. **Workers, institutionally contracted from other organizations**: Staff provided through an outside agency (employment agencies, sub-contractors, etc. such as security guards) on a short-term or long-term basis, who are not on the payroll of the establishments but on that of the agency providing the staff.
5. **Wage and salaries**: Includes direct wages and salaries (cash or in-kind remuneration of current work performed) including remuneration for time not worked (direct cash payment in respect of public holidays, annual vacations and other leave facilities). It includes contribution to retirement funds, provident funds, and pension funds added by the employer.
6. **Facilities**: Includes transportation allowance, uniform allowance, food allowance, housing allowance, health and family education allowance, festival allowance and medical allowance directly paid by employer plus bonuses and gratuities (year end and seasonal bonuses, profit sharing bonuses). It also includes accidental, other social and health insurance, compensation for work injuries plus recreational and related facilities directly paid by the employer.

- 7. Cost of raw materials and supplies:** Includes the cost of all raw materials, and other materials and supplies such as packing materials, polishing materials, spare parts, etc. including own production.
- 8. Cost of fuels purchased:** Includes cost of firewood, coal, charcoal, diesel, petrol, kerosene, LPG, lubricants etc.
- 9. Cost of industrial and other services:** Includes the expenses on;
- a. other industrial services
 - b. contract and commission work done by others on materials owned by the establishment
 - c. repair and maintenance work done by others, and
 - d. other activities done by others (including R & D)
- 10. Total stocks :** Value of the stocks of ;
- a. raw materials
 - b. fuels
 - c. semi-finished goods
 - d. finished goods
 - e. goods to be sold in the same condition as purchased.
- 11. Change in value of total stocks:** Value of total stocks at the end of the year less value of total stocks at the beginning of the year.
- 12. Census input :** Total cost of raw materials and supplies purchased including own production plus total cost of fuels purchased plus value of electricity purchased plus cost of water purchased plus cost of industrial and other services plus change in value of stocks of raw materials and fuels.
- 13. Value of shipments (sales of goods and services):** Amount received from sale of;
- a. all goods and services produced by the establishment including own use
 - b. goods made by others from materials supplied by the establishment and
 - c. scrap refuse
- 14. Receipts from industrial and other services :** Amount received from;
- a. contract and commission work done for others on their materials,
 - b. repair and maintenance work done for others and
 - c. other activities done for others (including R & D).

- 15. Cost of work done on own account:** The value of new fixed assets and additions and improvements to existing fixed assets made by own labour force.
- 16. Census output :** Total value of shipments (including own use) plus total receipts from industrial and other services plus total cost of work done on own account plus change in value of the stocks of finished and semi-finished goods.
- 17. Fixed assets :** Comprises of land, buildings and structures, machines and equipment, computer equipment, transport equipment, furniture and fixtures and research and development (software and databases, other intangible fixed assets and other intellectual property such as trademark, patent, design etc.) and others (e.g. valuable goods).
- 18. Gross addition to fixed assets:** Purchase of fixed assets (new or used) plus capital maintenance on fixed assets plus fixed assets added by own labour force during the reference year.
- 19. Gross fixed assets at the end of the year:** Fixed assets at the beginning of the year plus gross addition to fixed assets during the year less the value of sales of fixed assets in the reference year and less the loss due to the natural and human made catastrophes.
- 20. Trade margin:** Amount received by selling 'goods bought and sold in the same condition as purchased' minus amount paid for purchasing 'goods bought to be sold in the same condition as purchased'.
- 21. Expenses on other industrial services :** Include item 9.16: *Purchase of small tools or equipment (i.e. spare parts, nutbolt, fuse, gasket, bearing, conductors etc.)* for section D;

item 9.17: *Payment for chemical used for water treatment (potash, phitkiri etc)* and expenses on item 8.05: *Expenditure to water collection, treatment and water supply through pipe lines.* for NSIC 3600;

item 9.18: *Payment for chemical used for waste management services* and expenses on item 8.04: *Expenditure to waste water & sewerage management services* for NSIC 3700;

item 9.18: *Payment for chemical used for waste management services* and expenses on item 8.03: *Expenditure to hazardous or non hazardous waste collection, processing & their management services* for NSIC 3811/3812/3821;

item 9.19: *Purchase of scrap goods* for NSIC 3830/3900.

- 22. Cost of selected non-industrial services:** The cost of rents (except land rent), advertisement, transportation, communication and printing cost, legal advice, agent commission, travel, daily allowances and miscellaneous (all items of section 9 of the questionnaire except 9.01: land rent; 9.15: royalty, patent, design and trademark expenses; and 9.22: interest paid).
- 23. Cost of non-industrial services:** Cost of selected non-industrial services plus land rent; plus royalty, patent, design and trademark expenses; and plus interest paid (all items of section 9 of the questionnaire).
- 24. Receipt from selected non-industrial services:** Receipt from rent (except land rent), transportation, agency commission and miscellaneous (all items of section 10 of the questionnaire except 10.01: land rent, 10.08: subsidies received from govt., 10.09: tax exemption and 10.10: non-life insurance compensation).
- 25. Receipt from non-industrial services:** Receipt from selected non-industrial services plus land rent received, plus subsidies received from govt., plus tax exemption, plus non-life insurance compensation (all items of the section 10 of the questionnaire).
- 26. Value of output:** Census output plus trade margin plus receipts from selected non-industrial services.
- 27. Value of Input:** Census input plus cost of selected non-industrial services.
- 28. Total value added:** Value of output less value of input.

Annex 3A: Composition of NIS 2019/20, Steering Committee

(as per decision made by GoN on BS 2076 /05/29)

S.N.	Agencies	Position
1	Honorable Member(Statistics), National Planning Commission	Chairman
2	Director General, Central Bureau of Statistics	Member
3	Joint Secretary, National Planning Commission	Member
4	Joint Secretary, Ministry of Industries, Commerce and Supplies	Member
5	Joint Secretary, Ministry of Finance	Member
6	Joint Secretary, Ministry of Home	Member
7	Joint Secretary, Ministry of Energy, Water Resources and Irrigation	Member
8	Joint Secretary, Ministry of Water Supply	Member
9	Chairperson, Central Department of Statistics, Tribhuvan University	Member
10	Maximum of 4 invitees from other relevant organization	Member
11	Deputy Director General, Economic Statistics Division, Central Bureau of Statistics	Member -Secretary

Annex 3B: Composition of NIS 2019/20, Technical Committee

(as per decision made by GoN on BS 2076 /05/19)

S.N.	Agencies	Position
1	Deputy Director General, Economic Statistics Division, Central Bureau of Statistics	Chairman
2	Director, Establishment Census and Survey Section, Central Bureau of Statistics	Member
3	Director, Economic Census Section, Central Bureau of Statistics	Member
4	Director, National Accounts Section, Central Bureau of Statistics	Member
5	Director, Price Statistics Section, Central Bureau of Statistics	Member
6	Under-Secretary, Ministry of Industries, Commerce and Supplies	Member
7	Under-Secretary, Ministry of Energy, Water Resources and Irrigation	Member
8	Under-Secretary, Department of Industries	Member
9	Under-Secretary, Department of Mines and Geology	Member
10	Under-Secretary, Office of the Company Registrar	Member
11	Under-Secretary level representative, Nepal Electricity Authority	Member
12	Representative, Federation of Nepalese Chambers of Commerce & Industry (FNCCI)	Member
13	Representative, Confederation of Nepalese Industries (CNI)	Member
14	Maximum of 4 invitees from other relevant organization	Member
15	Director, Establishment Census and Survey Section, Central Bureau of Statistics	Member-Secretary



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National Planning Commission
Central Bureau of Statistics
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