

Nepal - Census of Manufacturing Establishments 2006-2007, Ninth Round (Quinquennial Census)

**Central Bureau of Statistics - National Planning Commission Secretariat,
Government of Nepal**

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Overview

Identification

ID NUMBER
NPL-CBS-CME-2006-v2

Version

VERSION DESCRIPTION
v2 : Edited data for public use

PRODUCTION DATE
2007-10-15

Overview

ABSTRACT

The first known exercise in collecting data on artisanship and processing of primary products was undertaken during the time of Rana Prime Minister Juddha Shumshere Rana. But, it was not a nationwide exercise. It was an effort to collect the information on artisanship and mapping the resources available in the vicinity of Kathmandu. Efforts to collect data on industrial activities on a regular basis started only after the formal establishment of the Central Bureau of Statistics as a national agency for collection, management and production of statistics under the Statistical Act of 1958. The first Census of Manufacturing Establishments (CME) was carried out in 1964/65. (2022 B.S.) The second census was carried out 8 years later in 1972/73 (2030 B.S.). Thereafter, the CMEs have been carried out in 5 years intervals. The years of implementation of the CMEs are given below:

The CME 2006-2007 is the ninth Census of Manufacturing Establishments of Nepal. As seen above, CME has been conducted in the Nepali year ending at 4 and 9. The CME covers all units that engaged 10 or more persons. These units may or may not use power or auto machines in their industrial operations. This coverage is adopted in CMEs since 1991/92. Before 1991/92, i.e., up to the fifth CME, it covers all manufacturing establishments engaging 10 or more persons or using auto machines irrespective of persons engaged.

Main Changes in the census procedures over the years

It has been more than 4 decades since the process of census of manufacturing establishments were initiated in the country. There have been considerable changes in the census process and the census coverage. Some of the important changes are described below:

Definition / coverage:

From the very beginning establishments of certain size were covered in the census. The establishments engaging 10 or more persons or using mechanical power were covered till 5th Census. This meant use of automotive machines, irrespective of number of persons engaged qualified the establishment to be brought under the census. From the 6th census onwards, only the establishments that engaged 10 or more persons were brought within the ambit of the census. This led to the dropping of many units especially rice, dal and oil mills from the census coverage. This was done because it became almost impossible to identify all establishments that used machines. The use of machines was becoming popular even in very small units. Many new household operated units were found using mechanical power.

Data Processing:

The data processing of the first and second censuses was done entirely by hand. The manual processing meant a lot of time taken for bringing out the result and also difficulties associated with preparing the tables. From the third census, CBS started to use modern computing machines. At the initial stages, involvement of programmers and processing experts were a must. It would take years to get the data processed and made ready for publication. With the growth of use of micro computers, the processing time has become very short. Furthermore, the officials of the Bureau can do the processing using the standard statistical programs.

Classification of industries:

In the first four censuses, there was no standard industrial classification. The industries were classified by the CBS without using any internationally acceptable norm or criterion. The CBS first started to use the Industrial classification based on the Nepal Standard Industrial Classification (NSIC), which in turn is based on International Standard Industrial classification (ISIC) in the CME of 1987/88. So the CME was made internationally comparable since the 5th CME. The output tables and indicators of earlier CMEs could not be meaningfully compared at international levels. The Central Product Classification (CPC) developed by the UN was introduced in the census of 2001/02. So now census inputs and output have become internationally comparable.

The Census of Manufacturing Establishments (CME) 2006-2007 is the ninth in the series of CMEs carried out in Nepal since 1964-65. The primary objective of CME is to provide updated data on the composition, growth and volume of the manufacturing sector. The census is conducted in "Establishment Approach". The reference period is considered as the fiscal year 2006-207. There were 3446 establishments found operated throughout the country engaging 10 or more persons irrespective of usage of power machines. Such establishments are called modern manufacturing establishments. Gross value added (GVA) contribution of modern manufacturing sector is Rs. 4100 crore at current prices.

Following the international practices, the establishments surveyed are classified according to the Nepal Standard Industrial Classification (NSIC) at 4 digit level and designed results accordingly. There are altogether 23 types of tables presented in the CME final report at national level including employment and earning, fuel, raw material, value of shipment, industrial services and non-industrial services, indirect tax, stocks, capacity utilization, fixed assets. The report contains tables on investment for environment protection and problem faced by manufacturing establishments also. The problems are presented according to the priority given. Lack of raw material (25%) is the major problem of the manufacturing sector followed by lack of capital (15%), lack of market (14%) and poor industrial policy (13%) respectively.

Ten (10) indicators including number of establishments, number of persons engaged, number of paid employees, wages and salaries, value of stocks at the end of the year, gross addition of fixed assets during the year, gross fixed assets at the end of the year, value of output, value of input and value added are defined as principal indicators. The principal indicator tables of Nepal and Urban/Rural are prepared by legal status, ownership, number of persons engaged, and size of fixed assets and by NSIC at 4 digit levels in the National Report. But the principal indicator tables of district by legal status, ownership, number of persons engaged, and size of fixed assets and by NSIC at 4 digit level are kept in the District Level report. Cost of raw materials purchased and the value of shipments are presented according to the Central Product Classification code at 4 digit levels at national level only.

KIND OF DATA

Census/enumeration data [cen]

UNITS OF ANALYSIS

Manufacturing establishments engaging 10 or more persons

Scope**NOTES**

The scope of the CME 2006-07 includes all manufacturing establishments of major division 'D' of the Nepal Standard Industrial Classification 2000. In general, manufacturing establishments are classified on the basis of the principal type of products produced. There are following 23 Divisions, 53 Groups and 117 Classes of Major Division "D", that is, "Manufacturing and Recycling" in the NSIC.

Division Description

15 Food products and beverage

16 Tobacco products

17 Textiles, carpet and rugs, jute and jute goods

18 Wearing apparel; dressing and dyeing of fur

19 Tanning and dressing of leather

- 20 articles of straw and plaiting materials
- 21 Paper and paper products
- 22 Publishing, printing and reproduction of recorded media
- 23 Coke, refined petroleum products
- 24 Chemicals and chemical products
- 25 Rubber and plastic products
- 26 Other non-metallic mineral products
- 27 Basic metals
- 28 Fabricated metal products, except machinery and equipment
- 29 Machinery and equipment N.E.C.
- 30 Manufacturing of office accounting and computer machinery
- 31 Electrical machinery and apparatus N.E.C.
- 32 Radio, television and communication equipment and apparatus
- 33 Medical, precision and optical instruments, watches and clocks
- 34 Motor vehicles, trailers and semi-trailers
- 35 Other transport equipment
- 36 Furniture; manufacturing N.E.C.
- 37 Recycling

Major Division D

With respect to subjects concerned, CME provides the following information as included in the questionnaire:

- total number of manufacturing establishments engaging 10 or more persons;
- legal status, ownership and major manufacturing activity of the establishments;
- employment (no. of employees by sex and citizenship and their emoluments);
- the quantity and value of production, purchase and sale of fuel;
- the quantity and value of raw material purchased by CPC and country;
- the quantity and value of production and sale of product by CPC and country;
- the opening and closing stock amount of fuel, raw materials, finished goods, semi-finished goods;
- the income from and expenditure of industrial services;
- the income from and expenditure of non-industrial services;
- the amount of indirect taxes paid, e.g. VAT, excise duty, import duty, export duty, etc.;
- capital formation and fixed assets;

- capacity utilizations;
- pollution control efforts done by the establishments; and
- major problems faced by the establishments during the reference period.

TOPICS

Topic	Vocabulary	URI
TRADE, INDUSTRY AND MARKETS [2]	CESSDA	http://www.nesstar.org/rdf/common

Coverage

GEOGRAPHIC COVERAGE

National including all 75 districts of Nepal.

GEOGRAPHIC UNIT

District

UNIVERSE

All establishments that are classified in NSIC Division D, Manufacturing, and employ at least 10 persons are included.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
Central Bureau of Statistics	National Planning Commission Secretariat, Government of Nepal

OTHER PRODUCER(S)

Name	Affiliation	Role
Central Bureau of Statistics	National Planning Commission Secretariat, Government of Nepal	Overall Census Operation

FUNDING

Name	Abbreviation	Role
Government of Nepal	GoN	

OTHER ACKNOWLEDGEMENTS

Name	Affiliation	Role
Federation of Nepal Chamber of Commerce	Private Sector of Nepal	Facilitator

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Central Bureau of Statistics	CBS	National Planning Commission Secretariat, Government of Nepal	

DATE OF METADATA PRODUCTION

2010-12-31

DDI DOCUMENT VERSION

Version 01: Central Bureau of Statistics - Original documentation of the study.

Version 02: Revised version of metadata as per the recommendation of ADP assessment report, 25 October 2015.

DDI DOCUMENT ID
DDI-NPL-CME-2006-v02

Sampling

Sampling Procedure

NA

Deviations from Sample Design

NA

Response Rate

NA

Weighting

NA

Questionnaires

Overview

The questionnaire for the CME is a structured questionnaire based on the Recommendation of industrial statistics by UNIDO. It was designed to fulfill the National Accounts requirements. It contains 17 sections as stated below:

1. Introduction
2. Legal Status
3. Ownership
4. Major Activity
5. Employment
6. Production, Purchase and Sale of Fuels
7. Income and Expenditure received or paid for industrial services
8. Cost of Raw Materials Purchased
9. Production and Product Sold
10. Stock
11. Expenses for Non-industrial Services
12. Indirect Taxes
13. Income received from Non-industrial Services
14. Fixed Assets
15. Production Capacity Utilization
16. Environment
17. Problems

Data Collection

Data Collection Dates

Start	End	Cycle
2007-01-01	2007-07-15	N/A

Time Periods

Start	End	Cycle
2005-07-16	2006-07-15	N/A

Data Collection Mode

Face-to-face [f2f]

Data Collection Notes

A pilot survey took place from January 15 to February 15, 2006 in three districts: Morang, Surkhet and Rasuwa.

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8. Cost of Raw Materials Purchased
9. Production and Product Sold
10. Stock
11. Expenses for Non-industrial Services
12. Indirect Taxes
13. Income received from Non-industrial Services
14. Fixed Assets
15. Production Capacity Utilization
16. Environment
17. Problems

Data Collectors

Name	Abbreviation	Affiliation
Branch Statistics Offices	BSOs	Central Bureau of Statistics

Supervision

Interviews were conducted by trained enumerators of 33 Branch Statistics Offices (BSOs) as 33 teams. The supervision was done jointly by Statistics Officers of BSOs and officials of the Establishment Census and Survey Section (ECSS) of CBS. The

role of the BSO officer was to coordinate field data collection activities in their respective districts. The role of the chief of the ECSS of CBS was to manage and coordinate BSO's work, including supplies and equipment, finances.

Data Processing

Data Editing

A control form was introduced to find out the profit or loss and value added of each establishment. This form was filled by the supervisor of the BSO immediately after completing the interview of the establishment. If any inconsistencies were found during this phase, forms were sent back to the respective establishment for verification.

Coding was done in ECSS of CBS. NSIC and CPC coding schemes were used. Altogether, 6 statistical assistants were involved in the coding and checking of the price of each fuel, raw material and product under the direct supervision of a statistics officer in two groups.

Other Processing

During data entry in CPro application, necessary checks and controls was administered for each section. Data were processed by NSIC and establishments separately. Several copies of simplified correspondence tables of NSIC and CPC 1.0 were prepared and used by every data editor, supervisor of the editors and data entry operators. Seven (7) computers were used for data entry which was done at CBS. Stata 7.0 was used to compile and analyze the data.

Data Appraisal

Estimates of Sampling Error

NA

Other forms of Data Appraisal

CME 2006-07 data appraisal may be categorized by 3 stages: Pilot survey, during data collection, during entry and processing. A pilot survey was conducted in 2005-06 in Rasuwa, Surkhet and Jhapa district covering one district from each ecological belt. A technical committee headed by the Director General of CBS was formed to supervise, suggest, control and review the overall process of the census from questionnaire design to data dissemination.

A control form was used to verify establishment level input-output ratio as well as profit or loss status of the establishment at data collection stage. The data collection work was done only by the experienced permanent staff of CBS and its field offices. They were trained by the census officials of CBS worked in the head office. Statistical officers of branch offices were considered as supervisor of the census.

During Data entry, many range checks were introduced to minimize range errors. Some cross checks were used to control errors relating to the universe and pre-question of the entry variable during data entry. One big batch edit file with many edit commands were run and verify the observed missing or overvalued or undervalued data mostly by contacting the respondent of the establishment by telephone.

To establish consistency between the CPC of data recorded in section 9 of the questionnaire and NSIC of section 4, grouping of raw materials and products was made by CPC to make one to one correspondence with NSIC.

After entering and editing data in Cs-pro data entry application, frequencies and percentage distribution of the principal indicators like total number of establishment, total number of persons engaged, total number of employees, value of input, value of output, value added by NSIC, ecological belts, development regions, districts were tabulated and compared with that of previous census. Further, average output, value added, number of persons engaged, number of employees and fixed asset per establishment was calculated to discuss final report of the census in the technical committee. The final results were published after the approval of the committee.

File Description

Variable List

establishment_information

Content	This file contains data related to sections 1, 2, 3, 4, 15, 16 and 17 of the questionnaire. The first section is about introduction of the establishment. The second and third sections provide legal status and ownership of the establishment respectively. The major industrial activity codes are recorded in section 4 following NSIC. Section 15 captures information about the production capacity utilization. The production capacity utilization of establishment is categorized into 5 groups. The variable 'pro_cap' of this file constitutes these groups. Section 16 covers the cost of installation of equipments for controlling pollution including recycling expenses. Section 17 is about problem faced by the establishment during the reference period. This is a precoded question with multiple choices.
Cases	0
Variable(s)	25
Structure	Type: relational Keys: formno(Form Number)
Version	v1.0: edited data, for public use
Producer	Central Bureau of Statistics, Nepal
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V1	formno	Form Number	discrete	numeric	Form Number
V2	district	District	discrete	numeric	District
V3	code_m_v	Municipality/VDC Code	discrete	numeric	Municipality/VDC Code
V4	leg_stat	Legal Status	discrete	numeric	Legal Status
V5	ownership	Ownership	discrete	numeric	Ownership
V6	nsic	NSIC	discrete	numeric	Major Industrial Activity (NSIC)
V7	pro_cap	Production Capacity	discrete	numeric	How much percent of production capacity of this establishment is expected to be utilized?
V8	inst_eqp	Installation of Equipment	discrete	numeric	Had the establishment installed any environment (gas/water/sound/smoke/dust etc.) pollution control machine or equipment during the reference period?
V9	gas_scent	Gas & Smell Protection	discrete	numeric	If installed, which of the following environment pollution control equipment is installed? Gas and Smell Protection
V10	dust_smoke	Dust & Smoke Protection	discrete	numeric	If installed, which of the following environment pollution control equipment is installed? Dust & Smoke Protection
V11	sound	Sound Protection	discrete	numeric	If installed, which of the following environment pollution control equipment is installed? Sound Protection
V12	rad_act	Radioactive Protection	discrete	numeric	If installed, which of the following environment pollution control equipment is installed? Radioactive Protection
V13	sanitation	Sanitary Protection	discrete	numeric	If installed, which of the following environment pollution control equipment is installed? Sanitary Protection
V14	eqp_cost	Cost of Equipment	contin	numeric	What was the cost of installation of such machine or equipment? (In Rs. '000)

ID	Name	Label	Type	Format	Question
V15	env_pro_cost	Cost of Environment Protection	contin	numeric	Except the installation of such machine or equipment to control pollution, how much was spent for environment protection by the establishment during the reference period? (In Rs. '000)
V16	recycling	Recycling	discrete	numeric	Did the establishment reuse or recycle the metal or non-metal scraps through further processing?
V17	rec_cost	Cost of Recycling	contin	numeric	What was the cost of such recycling? (In Rs. '000)
V18	rmat_inad	Raw Material Inadequacy	discrete	numeric	Main Problems of Manufacturing Establishment (Rank 1,2,3,... according as the priority)
V19	mkt_inad	Market Inadequacy	discrete	numeric	Main Problems of Manufacturing Establishment (Rank 1,2,3,... according as the priority)
V20	cap_inad	Capital Inadequacy	discrete	numeric	Main Problems of Manufacturing Establishment (Rank 1,2,3,... according as the priority)
V21	pol_inad	Policy Inadequacy	discrete	numeric	Main Problems of Manufacturing Establishment (Rank 1,2,3,... according as the priority)
V22	man_inad	Manpower Inadequacy	discrete	numeric	Main Problems of Manufacturing Establishment (Rank 1,2,3,... according as the priority)
V23	monopoly	Monopoly	discrete	numeric	Main Problems of Manufacturing Establishment (Rank 1,2,3,... according as the priority)
V24	o_prob	Others	discrete	numeric	Main Problems of Manufacturing Establishment (Rank 1,2,3,... according as the priority)
V25	no_prob	No Problem	discrete	numeric	Main Problems of Manufacturing Establishment (Rank 1,2,3,... according as the priority)

formno and nsic

Content	This file contains major industrial activity of each enumerated manufacturing establishment in the CME 2007 according as defined and classified in Nepal Standard Industrial Classification (NSIC).
Cases	0
Variable(s)	3
Structure	Type: relational Keys: formno(Form Number)
Version	v1.0: edited data, for public use
Producer	Central Bureau of Statistics, Nepal
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V26	formno	Form Number	discrete	numeric	Form Number
V27	estd_date	Date Established	discrete	character	Date established
V28	nsic	NSIC	discrete	numeric	Major Industrial Activity (NSIC)

employment

Content	The file contains data related to section 5 of the questionnaire. It contains number of persons engaged by sex and citizenship. Persons engaged are classified into the following groups: 1. Proprietors and active partners 2. Unpaid family members 3. Managers 4. Administrative workers 5. Technical workers 6. Operative workers This file further contains emoluments of the paid workers.
Cases	0
Variable(s)	8
Structure	Type: relational Keys: formno(Form Number), e_type(Number of persons, their salary and benefit)
Version	v1.0: edited data, for public use
Producer	Central Bureau of Statistics, Nepal
Missing Data	Not applicable = .

Variables

ID	Name	Label	Type	Format	Question
V29	formno	Form Number	discrete	numeric	Form Number
V30	e_type	Number of persons, their salary and benefit	discrete	numeric	Employment: Citizenship, Number, Salary, Benefit
V31	owner	Engaged Person(s) in Establishment: Entrepreneur and Active Partner	contin	numeric	Employment: Entrepreneur and Active Partner
V32	family	Engaged Person(s) in Establishment: Unpaid family members	contin	numeric	Employment: Family Member and Other Person
V33	manager	Engaged Person(s) in Establishment: Manager	contin	numeric	Employment: Manager
V34	admin	Engaged Person(s) in Establishment: Administrative workers	contin	numeric	Employment: Administrative Workers
V35	tech	Engaged Person(s) in Establishment: Technical workers	contin	numeric	Employment: Technical Workers
V36	oper	Engaged Person(s) in Establishment: Operative workers	contin	numeric	Employment: Operative Workers

fuel

Content	The file contains data related to section 6 of the CME questionnaire. 'Fuel production, purchased and sale' is the topic of the section. Quantity and amount of fuel purchased is included for 9 types of fuel including 'others'. This file also contains 'Water production' and 'Electricity production' for own use. Further, quantity and amount of 'Electricity sold' is included. The types of fuels as mentioned below are contained separately in this file: 1. Firewood 2. Coal 3. Diesel 4. Petrol 5. Kerosene 6. L.P.G. 7. Water purchased 8. Water production (for own purpose) 9. Electricity purchased 10. Electricity production (for own purpose) 11. Electricity sale 12. Others fuel purchased The variable 'f_type' is categorized into the above mentioned 12 types of fuel description.
Cases	0
Variable(s)	5
Structure	Type: relational Keys: formno(Form Number), f_type(Type of Fuel)
Version	v1.0: edited data, for public use
Producer	Central Bureau of Statistics, Nepal
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V37	formno	Form Number	discrete	numeric	Form Number
V38	f_type	Type of Fuel	discrete	numeric	Production, Purchase and Sales of Fuel, Water and Electricity: Type of Fuel
V39	f_unit	Unit of Fuel	discrete	numeric	Production, Purchase and Sales of Fuel, Water and Electricity: Unit of Fuel
V40	f_qty	Annual Quantity of Fuel	contin	numeric	Production, Purchase and Sales of Fuel, Water and Electricity: Annual Quantity of Fuel
V41	f_amt	Annual Purchase of Fuel	contin	numeric	Production, Purchase and Sales of Fuel, Water and Electricity: Annual Purchase of Fuel

industrial_service

Content	This file contains data related to section 7 of the questionnaire. The topic of the section is 'Income and expenditure from industrial services'. Industrial services are classified into 3 subgroups as follows: 1. Income received or cost given for doing or getting services of contract or other conditions 2. Income received or cost given for annual maintenance 3. Income received or cost given for goods sold or purchased in same condition as purchased The file contains a variable named 'inser_type' which constitutes the classification of industrial services.
Cases	0
Variable(s)	4
Structure	Type: relational Keys: formno(Form Number), inser_type(Industrial Service Type)
Version	v1.0: edited data, for public use
Producer	Central Bureau of Statistics, Nepal
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V42	formno	Form Number	discrete	numeric	Form Number
V43	inser_type	Industrial Service Type	discrete	numeric	Expenses on and Income from Industrial Services: Industrial Service Type
V44	expe	Industrial Expense	contin	numeric	Expenses on and Income from Industrial Services: Annual Amount Expense (In Rs. '000)
V45	inco	Industrial Income	contin	numeric	Expenses on and Income from Industrial Services: Annual Income Amount (In Rs. '000)

raw_material

Content	This file contains data related to section 8 of the questionnaire. The topic of the section is 'raw-material'. This file contains all together 11 variables including form number. All the raw material purchased by each establishment are recorded in the variable 'r_code'. CPC 1.0 coding scheme was used to denote those raw material. The quantity and amount of raw material purchased is classified into 3 categories i.e. 'domestic purchase', 'India purchase' and 'third country purchase'.
Cases	0
Variable(s)	11
Structure	Type: relational Keys: formno(Form Number), r_code(Raw Material Code)
Version	v1.0: edited data, for public use
Producer	Central Bureau of Statistics, Nepal
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V46	formno	Form Number	discrete	numeric	Form Number
V47	r_code	Raw Material Code	discrete	numeric	Purchase of Raw Materials: Raw Material Code (CPC)
V48	r_unit	Raw Material Unit	discrete	numeric	Purchase of Raw Materials: Raw Material Unit
V49	tot_qty	Total Quantity	contin	numeric	Purchase of Raw Materials: Annual Purchase: Total: Quantity
V50	tot_amt	Total Amount	contin	numeric	Purchase of Raw Materials: Annual Purchase: Total: Amount (In Rs. '000)
V51	dom_qty	Domestic Quantity	contin	numeric	Purchase of Raw Materials: Annual Purchase: Domestic: Quantity
V52	dom_amt	Domestic Amount	contin	numeric	Purchase of Raw Materials: Annual Purchase: Domestic: Amount (In Rs. '000)
V53	ind_qty	Indian Quantity	contin	numeric	Purchase of Raw Materials: Annual Purchase: India: Quantity
V54	ind_amt	Indian Amount	contin	numeric	Purchase of Raw Materials: Annual Purchase: Indian: Amount (In Rs. '000)
V55	tc_qty	Third Country Quantity	contin	numeric	Purchase of Raw Materials: Annual Purchase: Third Country: Quantity
V56	tc_amt	Third Country Amount	contin	numeric	Purchase of Raw Materials: Annual Purchase: Third Country: Amount (In Rs. '000)

sales_production

Content	This file contains data related to the section 9 of the questionnaire. It has data about production and sales of each product for each establishment. CPC 1.0 coding scheme is used to denote the product. The quantity and value of product sale is classified into 3 categories i.e. 'domestic sale', 'India sale' and 'third country sale'.
Cases	0
Variable(s)	10
Structure	Type: relational Keys: formno(Form Number), p_code(Production Code)
Version	v1.0: edited data, for public use
Producer	Central Bureau of Statistics, Nepal
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V57	formno	Form Number	discrete	numeric	Form Number
V58	p_code	Production Code	discrete	numeric	Purchase of Raw Materials: Production Code (CPC)
V59	p_unit	Production Unit	discrete	numeric	Purchase of Raw Materials: Unit
V60	p_qty	Production Quantity	contin	numeric	Purchase of Raw Materials: Annual Production Quantity
V61	ds_qty	Quantity of Domestic Sales	contin	numeric	Purchase of Raw Materials: Annual Sales: Domestic: Quantity
V62	ds_amt	Amount of Domestic Sales	contin	numeric	Purchase of Raw Materials: Annual Sales: Domestic: Amount (In Rs. '000)
V63	is_qty	Quantity of Sales to India	contin	numeric	Purchase of Raw Materials: Annual Sales: India: Quantity
V64	is_amt	Amount of Sales to India	contin	numeric	Purchase of Raw Materials: Annual Sales: India: Amount (In Rs. '000)
V65	tcs_qty	Quantity of Sales to Third Country	contin	numeric	Purchase of Raw Materials: Annual Sales: Third Country: Quantity
V66	tcs_amt	Amount of Sales to Third Country	contin	numeric	Purchase of Raw Materials: Annual Sales: Third Country: Amount (In Rs. '000)

stock

Content	This file contains data related to section 10 of the questionnaire. The topic of the section is 'stock'. The stock data set contains both opening stock and closing stock values of each establishment. The stock values of fuel, raw materials, finished goods, semi-finished goods, and the sold goods as purchased are included herewith including other stocks.
Cases	0
Variable(s)	4
Structure	Type: relational Keys: formno(Form Number), stock_type(Type of Stock)
Version	v1.0: edited data, for public use
Producer	Central Bureau of Statistics, Nepal
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V67	formno	Form Number	discrete	numeric	Form Number
V68	stock_type	Type of Stock	discrete	numeric	Stock: Type of Stock
V69	open_stock	Opening Stock Amount	contin	numeric	Stock: Opening Stock Amount (Rs. '000)
V70	clos_stock	Closing Stock Amount	contin	numeric	Stock: Closing Stock Amount (Rs. '000)

non-industrial_expenditure

Content	This file contains data related to section 11 of the questionnaire. There are 3 variables in this file. This file provides the non-industrial expenses of each establishment. Non-industrial expenses are recorded within the variable named 'exp_type' in 12 categories.
Cases	0
Variable(s)	3
Structure	Type: relational Keys: formno(Form Number), exp_type(Non-Industrial Service Type)
Version	v1.0: edited data, for public use
Producer	Central Bureau of Statistics, Nepal
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V71	formno	Form Number	discrete	numeric	Form Number
V72	exp_type	Non-Industrial Service Type	discrete	numeric	Expenses on Non-Industrial Services: Non-industrial Service Type
V73	nis_exp	Amount of Annual Expense	contin	numeric	Expenses on Non-Industrial Services: Annual Expense Amount (In Rs.'000)

indirect_tax

Content	This file contains data related to the section 12 of the questionnaire. The topic of the section is 'Indirect Taxes'. The variable named 't_type' categorizes indirect taxes into five groups given below: 1. Value Added Tax 2. Excise Duty 3. Export Duty 4. Import Duty 5. Others For the reference period of the CME, taxable goods are taken from Value Added Tax.
Cases	0
Variable(s)	4
Structure	Type: relational Keys: formno(Form Number), t_type(Type of Indirect Tax)
Version	v1.0: edited data, for public use
Producer	Central Bureau of Statistics, Nepal
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V74	formno	Form Number	discrete	numeric	Form Number
V75	t_type	Type of Indirect Tax	discrete	numeric	Indirect Tax: Type of Indirect Tax
V76	pd_amt	Amount of Tax Paid	contin	numeric	Indirect Tax: Paid Amount during the reference period (In Rs.'000)
V77	col_amt	Amount of Tax Collected	contin	numeric	Indirect Tax: Collected Amount during the reference period (In Rs.'000)

non-industrial_income

Content	This file contains data related to section 13 of the questionnaire. This file reveals the non-industrial income of each establishment. There are 3 variables in this file. Non-industrial incomes are recorded within the 7 categories in the variable named 'inco_type'.
Cases	0
Variable(s)	3
Structure	Type: relational Keys: formno(Form Number), inco_type(Type of Non-Industrial Service)
Version	v1.0: edited data, for public use
Producer	Central Bureau of Statistics, Nepal
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V78	formno	Form Number	discrete	numeric	Form Number
V79	inco_type	Type of Non-Industrial Service	discrete	numeric	Receipts from Non-Industrial Services: Type of Non-Industrial Service
V80	nis_inco	Amount of Annual Income	contin	numeric	Receipts from Non-Industrial Services: Annual Income Amount (In Rs. '000)

fix_assets

Content	The file contains Section 14 of the questionnaire. It has classified fixed assets into the following 7 groups: 1. Land 2. Building and other construction 3. Machine and other equipments 4. Computer and Software 5. Vehicles 6. Furnitures 7. Others In the second variable 'fa_type', there are 8 categories numbered from 1401 to 1408 as described below: 1. Initial fixed assets of the first day of the reference period 2. Addition of new fixed assets during the reference period 3. Addition of used fixed assets during the reference period 4. Cost of capital maintenance 5. Amount of fixed assets produced by own staffs 6. Received amount of sale of fixed assets 7. Loss of fixed assets due to Misanthrope 8. Depreciation of fixed assets
Cases	0
Variable(s)	9
Structure	Type: relational Keys: formno(Form Number), fa_type(Fixed Asset Item)
Version	v1.0: edited data, for public use
Producer	Central Bureau of Statistics, Nepal
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V81	formno	Form Number	discrete	numeric	Form Number
V82	fa_type	Fixed Asset Item	discrete	numeric	Fixed Assets (Values in Rs. '000): Fixed Asset Item
V83	land	Land	contin	numeric	Fixed Assets (Values in Rs. '000): Land
V84	building	Building and Other Construction	contin	numeric	Fixed Assets (Values in Rs. '000): Building and Other Construction
V85	machinery	Machinery and Equipment	contin	numeric	Fixed Assets (Values in Rs. '000): Machinery and Equipment
V86	com_swr	Computer and Software	contin	numeric	Fixed Assets (Values in Rs. '000): Computer and Software
V87	vehicle	Vehicle	contin	numeric	Fixed Assets (Values in Rs. '000): Vehicle
V88	furniture	Furniture	contin	numeric	Fixed Assets (Values in Rs. '000): Furniture
V89	other	Other	contin	numeric	Fixed Assets (Values in Rs. '000): Other

Form Number (formno)

File: establishment_information

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 5	
Decimals: 0	
Range: 1001-72103	

Description

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. For the censuses of manufacturing establishments, a manufacturing establishment is one predominantly engaged in manufacturing activity /activities.

Literal question

Form Number

District (district)

File: establishment_information

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 1-75	

Literal question

District

Municipality/VDC Code (code_m_v)

File: establishment_information

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

Literal question

Municipality/VDC Code

Legal Status (leg_stat)

File: establishment_information

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-6	

Description

Legal Status (leg_stat)

File: establishment_information

Legal Status: It defines the status of ownership of the establishment for example, whether an establishment is recognized and registered as one person ownership, or partnership, or private limited company, or public limited company, or cooperative society.

Individually owned: It means the manufacturing establishments owned and run by one person or family who bear the profits or losses of the establishment. The establishment registered under "Private form registration act 2014" is called "private" or individually owned establishment.

Partnership: A partnership-manufacturing establishment is an establishment created by an agreement. Its members will be more than one. All establishments registered under partnership act 2020 are termed as partnership establishments.

Private limited company: A company, which has no right to transfer the shares of its members to others according to the "Company Act 2063". The number of members must be at least two but not more than fifty, and the employees are not regarded as members. The public may not be asked to buy the company's shares or debentures.

Public limited company: A company incorporated under the company's act or recognized thereby as an existing company, which is not a private company. A public company can have any number of members more than seven, excluding of course its employees and can invite public subscription for its shares and debentures..

Co-operative A corporate body operating not for the purpose of earning profit but rather for the purpose of providing services to its members. In a co-operative society the capital needed is supplied by members and by borrowing and its saving are distributed to the members. Such kind of establishments are registered under "Cooperative Act 2048".

Literal question

Legal Status

Interviewer instructions

According as the name of the act under which the establishment was registered, select the respective legal status code in the given box. Select 1 for domestic private (Private form registration act), 2 for partnership (Partnership act 2020), 3 for private limited company and 4 for public limited company registered in accordance with company act, 5 for co-operatives (Cooperatives act 2048) and 6 for others.

Specify the act of registration if code 6 is selected.

Ownership (ownership)

File: establishment_information

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-6

Valid cases: 0
Invalid: 0

Literal question

Ownership

Interviewer instructions

According as the answered ownership type, choose the corresponding code and write in the given box.

NSIC (nsic)

File: establishment_information

Overview

Type: Discrete
Format: numeric
Width: 4
Decimals: 0
Range: 1511-3720

Valid cases: 0
Invalid: 0

NSIC (nsic)

File: establishment_information

Literal question

Major Industrial Activity (NSIC)

Interviewer instructions

According as the answer of major product produced or major activity done by the establishment during the reference period, write suitable four digit NSIC code inside the boxes in accordance with the CPC code of produced products recorded in section 9.

Production Capacity (pro_cap)

File: establishment_information

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-5

Valid cases: 0
Invalid: 0

Literal question

How much percent of production capacity of this establishment is expected to be utilized?

Post question

CALCULATE THE RATIO OF TOTAL PRODUCTION RECORDED IN SECTION IN 9 WITH THE ANNUAL PRODUCTION CAPACITY INSTALLED AND VERIFY WITH THE CHOSEN UTILIZATION OF THE CAPACITY OF THIS SECTION

Interviewer instructions

For this question, at first, a question about the production capacity of the establishment must be asked in the following way :

'What is the annual production capacity installed?'

Based upon the answer provided by the establishment, choose the corresponding code of the capacity utilization and insert in the given box.

Installation of Equipment (inst_eqp)

File: establishment_information

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Literal question

Had the establishment installed any environment (gas/water/sound/smoke/dust etc.) pollution control machine or equipment during the reference period?

Interviewer instructions

If the answer is 'yes' write '1', if the answer is 'no', write '2' in the given box.

The pollution control equipment should be installed during the reference period and installed equipment should be machinery. The market value of such machinery should be recorded in the previous section 14 of fixed asset in the addition of new/used fixed assets.

Gas & Smell Protection (gas_scent)

File: establishment_information

Overview

Gas & Smell Protection (gas_scent)

File: establishment_information

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Literal question

If installed, which of the following environment pollution control equipment is installed? Gas and Smell Protection

Dust & Smoke Protection (dust_smoke)

File: establishment_information

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Literal question

If installed, which of the following environment pollution control equipment is installed? Dust & Smoke Protection

Sound Protection (sound)

File: establishment_information

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Literal question

If installed, which of the following environment pollution control equipment is installed? Sound Protection

Radioactive Protection (rad_act)

File: establishment_information

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 0
Invalid: 0

Literal question

If installed, which of the following environment pollution control equipment is installed? Radioactive Protection

Sanitary Protection (sanitation)

File: establishment_information

Overview

Sanitary Protection (sanitation)

File: establishment_information

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-2

Valid cases: 0
 Invalid: 0

Literal question

If installed, which of the following environment pollution control equipment is installed? Sanitary Protection

Cost of Equipment (eqp_cost)

File: establishment_information

Overview

Type: Continuous
 Format: numeric
 Width: 5
 Decimals: 0
 Range: 0-99999

Valid cases: 0
 Invalid: 0

Description

Values are in NRs.Thousands

Literal question

What was the cost of installation of such machine or equipment? (In Rs. '000)

Interviewer instructions

If the answer of the question 16.01 is '1', then ask 'how much was the such equipment installation cost?' and write the value of answered cost in thousand rupees.

Cost of Environment Protection (env_pro_cost)

File: establishment_information

Overview

Type: Continuous
 Format: numeric
 Width: 4
 Decimals: 0
 Range: 0-9999

Valid cases: 0
 Invalid: 0

Description

Values are in NRs.Thousands

Literal question

Except the installation of such machine or equipment to control pollution, how much was spent for environment protection by the establishment during the reference period? (In Rs. '000)

Recycling (recycling)

File: establishment_information

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-2

Valid cases: 0
 Invalid: 0

Literal question

Did the establishment reuse or recycle the metal or non-metal scraps through further processing?

Recycling (recycling)

File: establishment_information

Interviewer instructions

If the answer is 'yes' write '1', if the answer is 'no', write '2' in the given box.

Cost of Recycling (rec_cost)

File: establishment_information

Overview

Type: Continuous	Valid cases: 0
Format: numeric	Invalid: 0
Width: 5	
Decimals: 0	
Range: 0-99999	

Description

Values are in NRs. Thousands

Universe

All establishment that reused or recycled the metal or non-metal scraps through further processing [16.05 = 1]

Literal question

What was the cost of such recycling? (In Rs. '000)

Interviewer instructions

if the answer of the question 16.06 is '1', then ask 'how much was the such recycling cost?' and write the value of answered cost in thousand rupees.

Raw Material Inadequacy (rmat_inad)

File: establishment_information

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-7	

Literal question

Main Problems of Manufacturing Establishment (Rank 1,2,3,... according as the priority)

Interviewer instructions

There are six major problems given in this section and 'others' option is also given for the problems other than these six. Its answer might be multiple. The multiple answers must be recorded according as the preferences answered by the respondent.

This question should be asked after one repetition of the records written in the previous section. Then, it may be asked in this way, 'to operate the establishment efficiently, effectively or adequately, what what kinds of problems was faced by the establishment during the reference period.'

Market Inadequacy (mkt_inad)

File: establishment_information

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-7	

Market Inadequacy (mkt_inad)

File: establishment_information

Literal question

Main Problems of Manufacturing Establishment (Rank 1,2,3,... according as the priority)

Interviewer instructions

There are six major problems given in this section and 'others' option is also given for the problems other than these six. Its answer might be multiple. The multiple answers must be recorded according as the preferences answered by the respondent.

This question should be asked after one repetition of the records written in the previous section. Then, it may be asked in this way, 'to operate the establishment efficiently, effectively or adequately, what what kinds of problems was faced by the establishment during the reference period.'

Capital Inadequacy (cap_inad)

File: establishment_information

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-7

Valid cases: 0
Invalid: 0

Literal question

Main Problems of Manufacturing Establishment (Rank 1,2,3,... according as the priority)

Interviewer instructions

There are six major problems given in this section and 'others' option is also given for the problems other than these six. Its answer might be multiple. The multiple answers must be recorded according as the preferences answered by the respondent.

This question should be asked after one repetition of the records written in the previous section. Then, it may be asked in this way, 'to operate the establishment efficiently, effectively or adequately, what what kinds of problems was faced by the establishment during the reference period.'

Policy Inadequacy (pol_inad)

File: establishment_information

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-7

Valid cases: 0
Invalid: 0

Literal question

Main Problems of Manufacturing Establishment (Rank 1,2,3,... according as the priority)

Interviewer instructions

There are six major problems given in this section and 'others' option is also given for the problems other than these six. Its answer might be multiple. The multiple answers must be recorded according as the preferences answered by the respondent.

This question should be asked after one repetition of the records written in the previous section. Then, it may be asked in this way, 'to operate the establishment efficiently, effectively or adequately, what what kinds of problems was faced by the establishment during the reference period.'

Manpower Inadequacy (man_inad)

File: establishment_information

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-7	

Literal question

Main Problems of Manufacturing Establishment (Rank 1,2,3,... according as the priority)

Interviewer instructions

There are six major problems given in this section and 'others' option is also given for the problems other than these six. Its answer might be multiple. The multiple answers must be recorded according as the preferences answered by the respondent.

This question should be asked after one repetition of the records written in the previous section. Then, it may be asked in this way, 'to operate the establishment efficiently, effectively or adequately, what what kinds of problems was faced by the establishment during the reference period.'

Monopoly (monopoly)

File: establishment_information

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-7	

Literal question

Main Problems of Manufacturing Establishment (Rank 1,2,3,... according as the priority)

Interviewer instructions

There are six major problems given in this section and 'others' option is also given for the problems other than these six. Its answer might be multiple. The multiple answers must be recorded according as the preferences answered by the respondent.

This question should be asked after one repetition of the records written in the previous section. Then, it may be asked in this way, 'to operate the establishment efficiently, effectively or adequately, what what kinds of problems was faced by the establishment during the reference period.'

Others (o_prob)

File: establishment_information

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-7	

Literal question

Main Problems of Manufacturing Establishment (Rank 1,2,3,... according as the priority)

Interviewer instructions

Others (o_prob)

File: establishment_information

There are six major problems given in this section and 'others' option is also given for the problems other than these six. Its answer might be multiple. The multiple answers must be recorded according as the preferences answered by the respondent.

This question should be asked after one repetition of the records written in the previous section. Then, it may be asked in this way, 'to operate the establishment efficiently, effectively or adequately, what kinds of problems was faced by the establishment during the reference period.'

No Problem (no_prob)

File: establishment_information

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-1

Valid cases: 0
Invalid: 0

Literal question

Main Problems of Manufacturing Establishment (Rank 1,2,3,... according as the priority)

Interviewer instructions

If no problem was encountered by the establishment, then check the answer of production capacity question number 15. If the answer of the question 15 is less than '5' (80 percent or above), then ask again about the problems or probe the answer of production capacity.

Form Number (formno)

File: formno and nsic

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 5	
Decimals: 0	
Range: 1001-72103	

Description

Establishment

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. For the censuses of manufacturing establishments, a manufacturing establishment is one predominantly engaged in manufacturing activity/activities.

Literal question

Form Number

Date Established (estd_date)

File: formno and nsic

Overview

Type: Discrete	Valid cases: 0
Format: character	
Width: 10	

Description

"estd_date" means the first date of production of goods and services started.

Universe

Establishment date cannot be greater than or equal to 2064 Srawan 1

Literal question

Date established

NSIC (nsic)

File: formno and nsic

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 4	
Decimals: 0	
Range: 1511-3720	

Description

NSIC stands for Nepal Standard Industrial Classification. It is the Nepali version of International Standard Industrial Classification 1993, rev 3.

Universe

In NSIC, manufacturing sector belongs to major division 'D' from group 15 to group 37. There are altogether 117 classes of manufacturing activities at 4 digit level.

Pre question

If the establishment involved in the activities defined under NSIC 15 to 37

Literal question

Major Industrial Activity (NSIC)

Post question

CHECK WHETHER THE CPC GIVEN FOR THE PRODUCT PRODUCED FALLS UNDER THE CORRESPONDING NSIC OR NOT.

Interviewer instructions

NSIC (nsic)

File: formno and nsic

Identify the respective nsic for the written major product or major activity. Note that, which product has the highest contribution in the census value added is the required major product. The major product could be identified from the section nine of the questionnaire.

Form Number (formno)

File: employment

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 5	
Decimals: 0	
Range: 1001-72103	

Description

It is the unique identification number of manufacturing establishments.

Establishment

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. For the censuses of manufacturing establishments, a manufacturing establishment is one predominantly engaged in manufacturing activity /activities.

Literal question

Form Number

Number of persons, their salary and benefit (e_type)

File: employment

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: 501-512	
Invalid: 99	

Description

Number of employees

Number of persons who work in or for the establishment and receive pay, in cash or in kind at a regular intervals. It includes Manager, Administrative Workers, Technical Workers and Operative Workers; whether they are in full time employment or part time employment.

Number of persons engaged

Number of employees plus number of working proprietors and active business partners plus number of unpaid family & other workers working for at least 1/3 of the normal working hours)

Wages, salaries

Direct wages, salaries and facilities (cash 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).

Other cash benefits: It Includes other monetary benefits such as education cost, hospital cost, bonus, etc. paid to the employees in addition to wages and salaries.

Other non-cash benefits: It Includes the material goods and other benefits provided to the employees, in addition to their salaries and wages and cash benefits such as food and food articles, clothing, housing accommodation, transport, etc. which is free of cost or at a price lower than the market value. This excludes employer's contribution to provident fund, persons' gratuity or other social security measures.

Literal question

Employment: Citizenship, Number, Salary, Benefit

Engaged Person(s) in Establishment: Entrepreneur and Active Partner (owner)

File: employment

Overview

Type: Continuous
 Format: numeric
 Width: 2
 Decimals: 0
 Range: 0-99

Valid cases: 0
 Invalid: 0

Description

Proprietors/partners who are actively engaged in managing or operating the activities of the unit.

Pre question

MAKE SURE AT FIRST THAT THERE ARE ALTOGETHER 10 OR MORE PERSONS ENGAGED.

Literal question

Employment: Entrepreneur and Active Partner

Post question

CHECK THE SUM OF THE TOTAL NUMBER OF PERSONS ENGAGED IS MORE THAN 10 OR NOT. CHECK THE VALUE OF WAGE AND SALARIES AND BENEFITS IS WRITTEN AT CORRESPONDING FIELD BY SEX AND CITIZENSHIP OR NOT.

Interviewer instructions

The reference period for this section is taken as 15 jan 2006. They are unpaid workers. They must work in/for the establishment at least 16 hours in a week, i.e., one third of the total working hours.

Engaged Person(s) in Establishment: Unpaid family members (family)

File: employment

Overview

Type: Continuous
 Format: numeric
 Width: 2
 Decimals: 0
 Range: 0-99

Valid cases: 0
 Invalid: 0

Description

The variables "Owner" and "Family" are unpaid workers. Owners are Proprietor or entrepreneur or active business partners of the manufacturing establishments. The variable "family" covers all unpaid family members and others. But home workers are not included here. No one are included here unless they have engaged in any manufacturing work at least 16 hours in a week.

Pre question

MAKE SURE THAT ALL THE UNPAID FAMILY WORKERS WORKED AT LEAST 16 HOURS IN A WEEK.

Literal question

Employment: Family Member and Other Person

Post question

CHECK THE SUM OF THE TOTAL NUMBER OF PERSONS ENGAGED IS MORE THAN 10 OR NOT. CHECK THE VALUE OF WAGE AND SALARIES AND BENEFITS IS WRITTEN AT CORRESPONDING FIELD BY SEX AND CITIZENSHIP OR NOT.

Interviewer instructions

The reference period for this section is taken as 15 jan 2006. They are unpaid workers. They must work in/for the establishment at least 16 hours in a week, i.e., one third of the total working hours.

Engaged Person(s) in Establishment: Manager (manager)

File: employment

Overview

Engaged Person(s) in Establishment: Manager (manager)

File: employment

Type: Continuous
Format: numeric
Width: 5
Decimals: 0
Range: 0-99999

Valid cases: 0
Invalid: 0

Description

Number of employees

Number of persons who work in or for the establishment and receive pay, in cash or in kind at a regular intervals. It includes Manager, Administrative worker, Technical Workers and Operative workers; whether they are in full time employment or part time employment.

Number of persons engaged

Number of employees plus Number of working proprietors and active business partners plus Number of unpaid family & other workers working for at least 1/3 of the normal working hours)

Wages, salaries

Direct wages, salaries and facilities (cash 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).

Other benefits

Benefits like Housing and family education allowances directly paid by employer plus Bonuses and gratuities (year end and seasonal bonuses, profit sharing bonuses) plus Payment in kind (directly paid by employer). Goods and services provided to employees free of charges or at reduced cost by the employer including: Contribution to retirement funds, provident fund, pension, compensation for work related injuries plus Cost of education, recreational & related facilities plus Contribution to employees insurance and cost of medical & health services provided to employees.

Pre question

MAKE SURE AT FIRST THAT THERE ARE ALTOGETHER 10 OR MORE PERSONS ENGAGED.

Literal question

Employment: Manager

Post question

CHECK THE SUM OF THE TOTAL NUMBER OF PERSONS ENGAGED IS MORE THAN 10 OR NOT. CHECK THE VALUE OF WAGE AND SALARIES AND BENEFITS IS WRITTEN AT CORRESPONDING FIELD BY SEX AND CITIZENSHIP OR NOT.

Interviewer instructions

The reference period for this section is taken as 15 Jan 2006. Wages, salaries and other benefits paid to employees during the whole reference period should be written at the corresponding cell.

Number of regular contract workers who worked within the boundary of establishment should be included as paid workers. If "Number of employees" is recorded for any nationality or sex or any type of paid employees, their annual wages and salaries or benefits in kind or cash must be written in the corresponding cell.

After recording salary information, at least one cross check must be done by computing monthly salary of one employee.

Engaged Person(s) in Establishment: Administrative workers (admin)

File: employment

Overview

Type: Continuous
Format: numeric
Width: 5
Decimals: 0
Range: 0-99999

Valid cases: 0
Invalid: 0

Description

Engaged Person(s) in Establishment: Administrative workers (admin)

File: employment

These include all classes of permanent and salaried employees of the establishment such as managers, clerks, typists and other administrative workers.

Pre question

MAKE SURE AT FIRST THAT THERE ARE ALTOGETHER 10 OR MORE PERSONS ENGAGED.

Literal question

Employment: Administrative Workers

Post question

CHECK THE SUM OF THE TOTAL NUMBER OF PERSONS ENGAGED IS MORE THAN 10 OR NOT. CHECK THE VALUE OF WAGE AND SALARIES AND BENEFITS IS WRITTEN AT CORRESPONDING FIELD BY SEX AND CITIZENSHIP OR NOT.

Interviewer instructions

The reference period for this section is taken as 15 Jan 2006. Wages, salaries and other benefits paid to employees during the whole reference period should be written at the corresponding cell.

Number of regular contract workers who worked within the boundary of establishment should be included as paid workers. If "Number of employees" is recorded for any nationality or sex or any type of paid employees, their annual wages and salaries or benefits in kind or cash must be written in the corresponding cell.

After recording salary information, at least one cross check must be done by computing monthly salary of one employee.

Engaged Person(s) in Establishment: Technical workers (tech)

File: employment

Overview

Type: Continuous
Format: numeric
Width: 5
Decimals: 0
Range: 0-99999

Valid cases: 0
Invalid: 0

Description

Number of employees

Number of persons who work in or for the establishment and receive pay, in cash or in kind at a regular intervals. It includes Manager, Administrative worker, Technical Workers and Operative workers; whether they are in full time employment or part time employment.

Number of persons engaged

Number of employees plus Number of working proprietors and active business partners plus Number of unpaid family & other workers working for at least 1/3 of the normal working hours)

Wages, salaries

Direct wages, salaries and facilities (cash 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).

Other benefits

Benefits like Housing and family education allowances directly paid by employer plus Bonuses and gratuities (year end and seasonal bonuses, profit sharing bonuses) plus Payment in kind (directly paid by employer). Goods and services provided to employees free of charges or at reduced cost by the employer including: Contribution to retirement funds, provident fund, pension, compensation for work related injuries plus Cost of education, recreational & related facilities plus Contribution to employees insurance and cost of medical & health services provided to employees.

Pre question

MAKE SURE AT FIRST THAT THERE ARE ALTOGETHER 10 OR MORE PERSONS ENGAGED.

Literal question

Employment: Technical Workers

Engaged Person(s) in Establishment: Technical workers (tech)

File: employment

Post question

CHECK THE SUM OF THE TOTAL NUMBER OF PERSONS ENGAGED IS MORE THAN 10 OR NOT. CHECK THE VALUE OF WAGE AND SALARIES AND BENEFITS IS WRITTEN AT CORRESPONDING FIELD BY SEX AND CITIZENSHIP OR NOT.

Interviewer instructions

The reference period for this section is taken as 15 jan 2006. Wages, salaries and other benefits paid to employees during the whole reference period should be written at the corresponding cell.

Number of regular contract workers who worked within the boundary of establishment should be included as paid workers. If "Number of employees" is recorded for any nationality or sex or any type of paid employees, their annual wages and salaries or benefits in kind or cash must be written in the corresponding cell.

After recording salary information, at least one cross check must be done by computing monthly salary of one employee.

Engaged Person(s) in Establishment: Operative workers (oper)

File: employment

Overview

Type: Continuous
Format: numeric
Width: 6
Decimals: 0
Range: 0-999999

Valid cases: 0
Invalid: 0

Description

It Means those who are engaged directly in the production process and include those engaged in manufacturing, assembling, packing, repairing, etc. Working supervisors and persons engaged for repair and maintenance are also included. Temporary daily basis hired workers and unpaid family workers are, however, excluded.

Pre question

MAKE SURE AT FIRST THAT THERE ARE ALTOGETHER 10 OR MORE PERSONS ENGAGED.

Literal question

Employment: Operative Workers

Post question

CHECK THE SUM OF THE TOTAL NUMBER OF PERSONS ENGAGED IS MORE THAN 10 OR NOT. CHECK THE VALUE OF WAGE AND SALARIES AND BENEFITS IS WRITTEN AT CORRESPONDING FIELD BY SEX AND CITIZENSHIP OR NOT.

Interviewer instructions

The reference period for this section is taken as 15 jan 2006. Wages, salaries and other benefits paid to employees during the whole reference period should be written at the corresponding cell.

Number of regular contract workers who worked within the boundary of establishment should be included as paid workers. If "Number of employees" is recorded for any nationality or sex or any type of paid employees, their annual wages and salaries or benefits in kind or cash must be written in the corresponding cell.

After recording salary information, at least one cross check must be done by computing monthly salary of one employee.

Form Number (formno)

File: fuel

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 5	
Decimals: 0	
Range: 1001-72103	

Description

It is the unique identification number of manufacturing establishments.

Establishment

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. For the censuses of manufacturing establishments, a manufacturing establishment is one predominantly engaged in manufacturing activity/activities.

Literal question

Form Number

Type of Fuel (f_type)

File: fuel

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: 601-612	
Invalid: 99	

Description

"f_type" stands for fuel types.

Literal question

Production, Purchase and Sales of Fuel, Water and Electricity: Type of Fuel

Unit of Fuel (f_unit)

File: fuel

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-5	

Description

This is the pre-defined unit of fuels. For example, unit of firewood and coal/charcole is quintal given, liter is considered as the unit of diesel, petrol and kerosene, '000 liter is the unit for water, and electricity should be written in kwh.

Literal question

Production, Purchase and Sales of Fuel, Water and Electricity: Unit of Fuel

Interviewer instructions

Unit of Fuel (f_unit)

File: fuel

Fuel unit is provided in the questionnaire. Quantity of fuel must be recorded as the units given there. Unit is not necessary for other fuels. Quantity of other fuels is not necessary.

If quantity of any fuel is written, purchased amount must be recorded.

Divide amount of fuel purchased by the quantity to obtain the rate and check or probe whether the rate of fuel is inflated or deflated.

Record fuel cost in current prices.

Annual Quantity of Fuel (f_qty)

File: fuel

Overview

Type: Continuous	Valid cases: 0
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 0-99999999	

Literal question

Production, Purchase and Sales of Fuel, Water and Electricity: Annual Quantity of Fuel

Annual Purchase of Fuel (f_amt)

File: fuel

Overview

Type: Continuous	Valid cases: 0
Format: numeric	Invalid: 0
Width: 6	
Decimals: 0	
Range: 0-999999	

Description

It accounts all cost of fuels including firewood, coal or charcole, diesel, petrol, kerosene, LPG, water, electricity etc purchased by the establishment during the reference period.

Pre question

FOR THE ESTABLISHMENT, WHICH SOLD THE ELECTRICITY, MAKE SURE THAT THE ESTABLISHMENT HAS PRODUCED THE ELECTRICITY.

Literal question

Production, Purchase and Sales of Fuel, Water and Electricity: Annual Purchase of Fuel

Interviewer instructions

All the amount of fuel purchased must be written in current market price while purchased. All types of indirect taxes and fees, and transport or trade margins/cost should include within the value of fuel purchased.

In 'water production (for own use only)' and 'electricity production (for own use only)', write the quantity as answered and value as market price.

Form Number (formno)

File: industrial_service

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 5	
Decimals: 0	
Range: 1001-72103	

Description

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Establishment

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. For the censuses of manufacturing establishments, a manufacturing establishment is one predominantly engaged in manufacturing activity/activities.

Literal question

Form Number

Industrial Service Type (inser_type)

File: industrial_service

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: 7-703	

Literal question

Expenses on and Income from Industrial Services: Industrial Service Type

Industrial Expense (expe)

File: industrial_service

Overview

Type: Continuous	Valid cases: 0
Format: numeric	Invalid: 0
Width: 6	
Decimals: 0	
Range: 0-999999	

Description

Cost of industrial and Other services equals to the total Cost of (a) Contract or commission paid for work done by others on materials owned by the establishment, (b) Repair and maintenance work done by others. and (c) Goods bought to be sold in the same condition as purchased.

Pre question

Did the establishment get any type of industrial services during the year?

Literal question

Expenses on and Income from Industrial Services: Annual Amount Expense (In Rs. '000)

Industrial Income (inco)

File: industrial_service

Overview

Industrial Income (inco)

File: industrial_service

Type: Continuous
Format: numeric
Width: 6
Decimals: 0
Range: 0-999999

Valid cases: 0
Invalid: 0

Description

Receipts from industrial and other services equals to the sum of all amounts received from

- (a) Contract and commission work done for others on their materials
- (b) Repair and maintenance work done for others
- (c) Goods bought and sold in the same condition as purchased

Pre question

Did the establishment render any type of industrial services?

If the establishment involved repair and maintenance of others materials or not? Whether the establishment had done trading activities?

Literal question

Expenses on and Income from Industrial Services: Annual Income Amount (In Rs. '000)

Interviewer instructions

INCOME FROM INDUSTRIAL SERVICES AND EXPENDITURE OF INDUSTRIAL SERVICES MUST BE RECORDED IN THEIR CORRESPONDING FIELD IN CURRENT PRICE.

Form Number (formno)

File: raw_material

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 5	
Decimals: 0	
Range: 1001-72103	

Description

It is the unique identification number of manufacturing establishments.

Establishment

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. For the censuses of manufacturing establishments, a manufacturing establishment is one predominantly engaged in manufacturing activity/activities.

Literal question

Form Number

Raw Material Code (r_code)

File: raw_material

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 4	
Decimals: 0	
Range: 8-9990	

Literal question

Purchase of Raw Materials: Raw Material Code (CPC)

Raw Material Unit (r_unit)

File: raw_material

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 1-16	

Literal question

Purchase of Raw Materials: Raw Material Unit

Total Quantity (tot_qty)

File: raw_material

Overview

Type: Continuous	Valid cases: 0
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 0-99999999	

Universe

For establishments who had purchased any kind of raw materials to produce new product by processing.

Total Quantity (tot_qty)

File: raw_material

Literal question

Purchase of Raw Materials: Annual Purchase: Total: Quantity

Interviewer instructions

QUANTITY AND VALUE OF RAW MATERIALS PURCHASED SHOULD BE WRITTEN FOR EACH ITEMS CORRESPONDING TO THEIR NAMES.

BE CAREFUL ABOUT THE RELATION BETWEEN UNIT OF THE RAW MATERIAL WITH THE RATIO BETWEEN VALUE AND QUANTITY.

TOTAL PURCHASED QUANTITY MUST BE CALCULATED BY ADDING DOMESTIC PURCHASE QUANTITY, INDIA PURCHASE QUANTITY AND THIRD COUNTRY PURCHASE QUANTITY. THEN RAWMATERIALWISE SUBTRACTION MUST BE DONE WITH ANNUAL TOTAL PURCHASED QUANTITY OF THE CORRESPONDING RAW MATERIAL. IF THE TOTAL PURCHASED QUANTITY IS NOT EQUAL WITH THE ANNUAL PURCHASED QUANTITY FOR ANY PRODUCT, THEN THERE MAY BE ERROR EITHER IN COUNTRYWISE PURCHASE OR IN TOTAL PURCHASE. SO ONCE YOU MUST GO THROUGH AGAIN AND VALIDATE THE SUM.

WHILE RECORDING THE QUANTITY AND VALUE OF RAW MATERIALS PURCHASED, A NOTE SHOULD BE TAKEN ABOUT THE ANNUAL CONSUMPTION OF EACH ITEM. IF THE PURCHASE QUANTITY OF RAW MATERIAL BECOME FEWER THEN THE CONSUMPTION, THEN SOME QUANTITY OF THIS MATERIAL WILL BE REMAIN IN STOCK AT THE END OF THE REFERENCE PERIOD. AND IF THE PURCHASE QUANTITY OF RAW MATERIAL BECOME MORE THAN THE CONSUMPTION, THEN IN SUCH CASE, SUCH ITEM MUST BE IN STOCK AT THE BEGINNING OF THE REFERENCE PERIOD.

Total Amount (tot_amt)

File: raw_material

Overview

Type: Continuous
Format: numeric
Width: 7
Decimals: 0
Range: 0-9999999

Valid cases: 0
Invalid: 0

Description

values are given in NRs.thousands

Universe

For establishments who had purchased any kind of raw materials to produce new product by processing.

Literal question

Purchase of Raw Materials: Annual Purchase: Total: Amount (In Rs. '000)

Interviewer instructions

QUANTITY AND VALUE OF RAW MATERIALS PURCHASED SHOULD BE WRITTEN FOR EACH ITEMS CORRESPONDING TO THEIR NAMES.

BE CAREFUL ABOUT THE RELATION BETWEEN UNIT OF THE RAW MATERIAL WITH THE RATIO BETWEEN VALUE AND QUANTITY.

Domestic Quantity (dom_qty)

File: raw_material

Overview

Type: Continuous
Format: numeric
Width: 8
Decimals: 0
Range: 0-99999999

Valid cases: 0
Invalid: 0

Universe

For establishments who had purchased raw materials in Nepal.

Domestic Quantity (dom_qty)

File: raw_material

Literal question

Purchase of Raw Materials: Annual Purchase: Domestic: Quantity

Interviewer instructions

QUANTITY AND VALUE OF RAW MATERIALS PURCHASED SHOULD BE WRITTEN FOR EACH ITEMS CORRESPONDING TO THEIR NAMES.

BE CAREFUL ABOUT THE RELATION BETWEEN UNIT OF THE RAW MATERIAL WITH THE RATIO BETWEEN VALUE AND QUANTITY.

Domestic Amount (dom_amt)

File: raw_material

Overview

Type: Continuous
Format: numeric
Width: 7
Decimals: 0
Range: 0-9999999

Valid cases: 0
Invalid: 0

Description

values are given in NRs.thousands

Universe

For establishments who had purchased raw materials in Nepal.

Literal question

Purchase of Raw Materials: Annual Purchase: Domestic: Amount (In Rs. '000)

Interviewer instructions

QUANTITY AND VALUE OF RAW MATERIALS PURCHASED SHOULD BE WRITTEN FOR EACH ITEMS CORRESPONDING TO THEIR NAMES.

BE CAREFUL ABOUT THE RELATION BETWEEN UNIT OF THE RAW MATERIAL WITH THE RATIO BETWEEN VALUE AND QUANTITY.

Indian Quantity (ind_qty)

File: raw_material

Overview

Type: Continuous
Format: numeric
Width: 7
Decimals: 0
Range: 0-9999999

Valid cases: 0
Invalid: 0

Universe

For establishments who had purchased raw materials in India.

Literal question

Purchase of Raw Materials: Annual Purchase: India: Quantity

Interviewer instructions

QUANTITY AND VALUE OF RAW MATERIALS PURCHASED SHOULD BE WRITTEN FOR EACH ITEMS CORRESPONDING TO THEIR NAMES.

BE CAREFUL ABOUT THE RELATION BETWEEN UNIT OF THE RAW MATERIAL WITH THE RATIO BETWEEN VALUE AND QUANTITY.

Indian Amount (ind_amt)

File: raw_material

Overview

Type: Continuous	Valid cases: 0
Format: numeric	Invalid: 0
Width: 7	
Decimals: 0	
Range: 0-9999999	

Description

values are given in NRs.thousands

Universe

For establishments who had purchased raw materials in India.

Literal question

Purchase of Raw Materials: Annual Purchase: Indian: Amount (In Rs. '000)

Interviewer instructions

QUANTITY AND VALUE OF RAW MATERIALS PURCHASED SHOULD BE WRITTEN FOR EACH ITEMS CORRESPONDING TO THEIR NAMES.

BE CAREFUL ABOUT THE RELATION BETWEEN UNIT OF THE RAW MATERIAL WITH THE RATIO BETWEEN VALUE AND QUANTITY.

Third Country Quantity (tc_qty)

File: raw_material

Overview

Type: Continuous	Valid cases: 0
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 0-99999999	

Universe

For establishments who had purchased raw materials in the third country.

Literal question

Purchase of Raw Materials: Annual Purchase: Third Country: Quantity

Interviewer instructions

QUANTITY AND VALUE OF RAW MATERIALS PURCHASED SHOULD BE WRITTEN FOR EACH ITEMS CORRESPONDING TO THEIR NAMES.

BE CAREFUL ABOUT THE RELATION BETWEEN UNIT OF THE RAW MATERIAL WITH THE RATIO BETWEEN VALUE AND QUANTITY.

Third Country Amount (tc_amt)

File: raw_material

Overview

Type: Continuous	Valid cases: 0
Format: numeric	Invalid: 0
Width: 7	
Decimals: 0	
Range: 0-9999999	

Description

values are given in NRs.thousands

Universe

For establishments who had purchased raw materials in the third country.

Third Country Amount (tc_amt)

File: raw_material

Literal question

Purchase of Raw Materials: Annual Purchase: Third Country: Amount (In Rs. '000)

Interviewer instructions

QUANTITY AND VALUE OF RAW MATERIALS PURCHASED SHOULD BE WRITTEN FOR EACH ITEMS CORRESPONDING TO THEIR NAMES.

BE CAREFUL ABOUT THE RELATION BETWEEN UNIT OF THE RAW MATERIAL WITH THE RATIO BETWEEN VALUE AND QUANTITY.

Form Number (formno)

File: sales_production

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 5	
Decimals: 0	
Range: 1001-72103	

Description

It is the unique identification number of manufacturing establishments.

Establishment

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. For the censuses of manufacturing establishments, a manufacturing establishment is one predominantly engaged in manufacturing activity/activities.

Literal question

Form Number

Production Code (p_code)

File: sales_production

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 4	
Decimals: 0	
Range: 9-9990	

Literal question

Purchase of Raw Materials: Production Code (CPC)

Production Unit (p_unit)

File: sales_production

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 1-16	

Literal question

Purchase of Raw Materials: Unit

Interviewer instructions

WRITE METRIC UNITS AS FAR AS POSSIBLE CORRESPONDING TO EACH PRODUCT.

Production Quantity (p_qty)

File: sales_production

Overview

Type: Continuous	Valid cases: 0
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-99999999	

Production Quantity (p_qty)

File: sales_production

Universe

For establishments who had produced any kind of products.

Literal question

Purchase of Raw Materials: Annual Production Quantity

Interviewer instructions

TOTAL SOLD QUANTITY MUST BE CALCULATED BY ADDING DOMESTIC SOLD QUANTITY, INDIA SOLD QUANTITY AND THIRD COUNTRY SOLD QUANTITY. THEN PRODUCTWISE SUBTRACTION MUST BE DONE WITH ANNUAL PRODUCTION QUANTITY OF THE CORRESPONDING PRODUCT. IF THE TOTAL SOLD QUANTITY IS MORE THAN THE ANNUAL PRODUCTION QUANTITY FOR ANY PRODUCT, THEN THE PRODUCT MUST BE IN STOCK AT THE BEGINNING OF THE REFERENCE PERIOD. ACCORDINGLY, IF THE TOTAL SOLD QUANTITY IS LESS THAN THE ANNUAL PRODUCTION QUANTITY FOR ANY PRODUCT, THEN THE PRODUCT WILL REMAIN IN STOCK AT THE END OF THE REFERENCE PERIOD.

Quantity of Domestic Sales (ds_qty)

File: sales_production

Overview

Type: Continuous	Valid cases: 0
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 0-99999999	

Description

Domestic Sales quantity is the total quantity of sale of produced goods within Nepal.

Universe

For establishment, who had sold their product in Nepal.

Literal question

Purchase of Raw Materials: Annual Sales: Domestic: Quantity

Amount of Domestic Sales (ds_amt)

File: sales_production

Overview

Type: Continuous	Valid cases: 0
Format: numeric	Invalid: 0
Width: 7	
Decimals: 0	
Range: 0-9999999	

Description

Domestic Sales amount is the total received amount of sale of goods produced within Nepal.

Universe

For establishment, who had sold their product in Nepal.

Literal question

Purchase of Raw Materials: Annual Sales: Domestic: Amount (In Rs. '000)

Quantity of Sales to India (is_qty)

File: sales_production

Overview

Quantity of Sales to India (is_qty)

File: sales_production

Type: Continuous
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 0-99999999

Valid cases: 0
 Invalid: 0

Description

Sales quantity in India is the total quantity of exported goods in India.

Universe

For establishment, who had sold their product in India.

Literal question

Purchase of Raw Materials: Annual Sales: India: Quantity

Amount of Sales to India (is_amt)

File: sales_production

Overview

Type: Continuous
 Format: numeric
 Width: 7
 Decimals: 0
 Range: 0-99999999

Valid cases: 0
 Invalid: 0

Description

Sales amount in India is the total amount of export of produced products India.

Universe

For establishment, who had sold their product in India.

Literal question

Purchase of Raw Materials: Annual Sales: India: Amount (In Rs. '000)

Quantity of Sales to Third Country (tcs_qty)

File: sales_production

Overview

Type: Continuous
 Format: numeric
 Width: 7
 Decimals: 0
 Range: 0-99999999

Valid cases: 0
 Invalid: 0

Description

Third country sales quantity is the total amount of sale of products in any country except Nepal and India.

Universe

For establishment, who had sold their product in the third country.

Literal question

Purchase of Raw Materials: Annual Sales: Third Country: Quantity

Amount of Sales to Third Country (tcs_amt)

File: sales_production

Overview

Amount of Sales to Third Country (tcs_amt)

File: sales_production

Type: Continuous

Format: numeric

Width: 6

Decimals: 0

Range: 0-999999

Valid cases: 0

Invalid: 0

Description

Third country sales amount is the total amount of sale of products in any country except Nepal and India.

Universe

For establishment, who had sold their product in the third country.

Literal question

Purchase of Raw Materials: Annual Sales: Third Country: Amount (In Rs. '000)

Form Number (formno)

File: stock

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 5	
Decimals: 0	
Range: 1001-72103	

Description

It is the unique identification number of manufacturing establishments.

Establishment

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. For the censuses of manufacturing establishments, a manufacturing establishment is one predominantly engaged in manufacturing activity/activities.

Literal question

Form Number

Type of Stock (stock_type)

File: stock

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 4	
Decimals: 0	
Range: 10-1006	

Description

Total stocks is the total Value of the following goods under ownership of the unit:

- (a) Materials and supplies
- (b) Fuels
- (c) Semi finished goods (work in progress)
- (d) Finished goods
- (e) Goods to be sold in the same condition as purchased.
- (f) Others

Change in value of Total stocks is the Value of total stocks at the end of the year less value of total stocks at the beginning of the year.

Literal question

Stock: Type of Stock

Opening Stock Amount (open_stock)

File: stock

Overview

Type: Continuous	Valid cases: 0
Format: numeric	Invalid: 0
Width: 6	
Decimals: 0	
Range: 0-999999	

Description

Value of opening stock is the stock at the first day of the reference period.

Universe

All establishments which have some amount of stock of fuel or raw material or seme-finished goods, or finished goods or goods bought to be sold in same condition as purchased at the first day of the year.

Opening Stock Amount (open_stock)

File: stock

Pre question

Make sure that the consumption of stock items asked and the purchased quantity of these items during the reference period is not equivalent.

Compare the production quantity of finished goods with the total sold quantity for each product.

Literal question

Stock: Opening Stock Amount (Rs. '000)

Closing Stock Amount (clos_stock)

File: stock

Overview

Type: Continuous
Format: numeric
Width: 6
Decimals: 0
Range: 0-999999

Valid cases: 0
Invalid: 0

Description

Value of closing stock is the stock at the first day of the reference period.

Universe

All establishments which have some amount of stock of fuel or raw material or semi-finished goods, or finished goods or goods bought to be sold in same condition as purchased at the end of the year.

Pre question

Make sure that the consumption of stock items asked and the purchased quantity of these items during the reference period is not equivalent.

Compare the production quantity of finished goods with the total sold quantity for each product.

Literal question

Stock: Closing Stock Amount (Rs. '000)

Form Number (formno)

File: non-industrial_expenditure

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 5	
Decimals: 0	
Range: 1001-72103	

Description

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Literal question

Form Number

Non-Industrial Service Type (exp_type)

File: non-industrial_expenditure

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 4	
Decimals: 0	
Range: 11-1113	

Description

Non-industrial Services cost comprises the cost of rent on land, rent on building, machinery and equipment, rent on vehicles, transportation cost, cost of insurance premium, advertisement cost of telephone and communication, cost of stationery and printing, royalty and patent right, cost of legal and auditor service, cost of commission, travelling cost and other cost including water, donation etc.

Literal question

Expenses on Non-Industrial Services: Non-industrial Service Type

Amount of Annual Expense (nis_exp)

File: non-industrial_expenditure

Overview

Type: Continuous	Valid cases: 0
Format: numeric	Invalid: 0
Width: 6	
Decimals: 0	
Range: 0-999999	

Pre question

If any expenditure was done for non-industrial services.

Literal question

Expenses on Non-Industrial Services: Annual Expense Amount (In Rs.'000)

Interviewer instructions

ALL THE EXPENSES SHOULD BE RECORDED IN CURRENT PRICE.
ALL TYPES OF INDIRECT TAXES AND FEES, AND TRANSPORT OR TRADE MARGINS/COST ATTACHED WITH THE NON-INDUSTRIAL SERVICES SHOULD INCLUDE IN THE CORRESPONDING VALUE OF THE SERVICES.

Form Number (formno)

File: indirect_tax

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 5	
Decimals: 0	
Range: 1001-72103	

Description

It is the unique identification number of manufacturing establishments.

Establishment

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. For the censuses of manufacturing establishments, a manufacturing establishment is one predominantly engaged in manufacturing activity/activities.

Literal question

Form Number

Type of Indirect Tax (t_type)

File: indirect_tax

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 4	
Decimals: 0	
Range: 12-1205	

Description

Indirect taxes include Value added tax, Excise duty, export duty, import duty and other indirect taxes.

Universe

All establishments who had paid VAT, Excise duty, Export duty and Import duty during the reference period.

Literal question

Indirect Tax: Type of Indirect Tax

Amount of Tax Paid (pd_amt)

File: indirect_tax

Overview

Type: Continuous	Valid cases: 0
Format: numeric	Invalid: 0
Width: 7	
Decimals: 0	
Range: 0-9999999	

Pre question

Check whether the establishment is vat payer or not?

Check whether the establishment is excise duty payer or not?

Check whether the establishment is importer/exporter or not?

Literal question

Indirect Tax: Paid Amount during the reference period (In Rs.'000)

Post question

CHECK WHETHER THE PAID VAT AMOUNT IS LESS THAN OR EQUAL TO 13 PERCENT OF THE SUM OF THE VALUE OF ELECTRICITY PURCHASED, THE VALUE OF RAW MATERIALS PURCHASED AND THE COST OF NON-INDUSTRIAL EXPENSES.

Interviewer instructions

Check whether the paid amount of Vat is more than 13 percent of the cost of raw materials purchased or not.

Amount of Tax Collectied (col_amt)

File: indirect_tax

Overview

Type: Continuous
Format: numeric
Width: 6
Decimals: 0
Range: 0-999999

Valid cases: 0
Invalid: 0

Pre question

CHECK WHETHER THE ESTABLISHMENT IS VAT COLLECTOR OR NOT.

Literal question

Indirect Tax: Collected Amount during the reference period (In Rs.'000)

Interviewer instructions

Ask at first if this is a VAT collector establishment? Check whether the collected amount of Vat is more than 13 percent of the value of shipment or not.

Form Number (formno)

File: non-industrial_income

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 5	
Decimals: 0	
Range: 1001-72103	

Description

It is the unique identification number of manufacturing establishments.

Establishment

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. For the censuses of manufacturing establishments, a manufacturing establishment is one predominantly engaged in manufacturing activity/activities.

Literal question

Form Number

Type of Non-Industrial Service (inco_type)

File: non-industrial_income

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 4	
Decimals: 0	
Range: 0-9999	

Description

Receipts from non-industrial Services includes total of seven kind of receipts including rent on land, rent on building, machinery and equipment, rent on vehicles, receipt from agency commission, grant received, exemption on export and other receipts.

Literal question

Receipts from Non-Industrial Services: Type of Non-Industrial Service

Amount of Annual Income (nis_inco)

File: non-industrial_income

Overview

Type: Continuous	Valid cases: 0
Format: numeric	Invalid: 0
Width: 5	
Decimals: 0	
Range: 0-99999	

Pre question

If any receipt from non-industrial services was received.

Literal question

Receipts from Non-Industrial Services: Annual Income Amount (In Rs. '000)

Interviewer instructions

ALL THE INCOMES SHOULD BE RECORDED IN CURRENT PRICE.
FOR THE ESTABLISHMENT WHICH RECEIVED EXPORT EXEMPTION, A CHECK SHOULD BE DONE WHETHER THE ESTABLISHMENT EXPORTS ITS PRODUCTS OR NOT, IN SECTION 9.

Form Number (formno)

File: fix_assets

Overview

Type: Discrete
Format: numeric
Width: 5
Decimals: 0
Range: 1001-72103

Valid cases: 0
Invalid: 0

Description

It is the unique identification number of manufacturing establishments.

Establishment

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. For the censuses of manufacturing establishments, a manufacturing establishment is one predominantly engaged in manufacturing activity/activities.

Literal question

Form Number

Fixed Asset Item (fa_type)

File: fix_assets

Overview

Type: Discrete
Format: numeric
Width: 4
Decimals: 0
Range: 1401-1408
Invalid: 99

Valid cases: 0
Invalid: 0

Description

It means all assets, whether obtained from other enterprises or produced by the establishment out of its resources for its own use, which are expected to have a productive life of more than one year. It consists of land, buildings and other construction, plant and machinery, tools and equipment, computer and software, vehicles, furniture, and other etc. Under "fixed assets" eight type of information need to compute the value of fixed assets at the end of the reference period. By subtracting sale of fixed assets, loss of assets due to catastrophe and depreciation to the sum of fixed assets at the beginning with the gross addition of assets during the reference period.

Literal question

Fixed Assets (Values in Rs. '000): Fixed Asset Item

Land (land)

File: fix_assets

Overview

Type: Continuous
Format: numeric
Width: 7
Decimals: 0
Range: 0-9999999

Valid cases: 0
Invalid: 0

Description

It means covered and open area at establishment location. Agricultural land including land acquired for gaining sand, clay, etc. if connected with the establishment are excluded. Cost of land purchased plus premium paid for leased land and additions, alterations and improvements made there on are shown separately.

Improvement to land: It Includes value of improvements made (i.e. by raising, filling-up, digging, leveling, etc. of land) in the inquiry period. Such value will be recorded under new addition.

Literal question

Fixed Assets (Values in Rs. '000): Land

Land (land)

File: fix_assets

Interviewer instructions

Try to relate and probe at least once the recorded data on fixed assets with values written at the non-industrial receipts and cost on rent.

The value of fixed assets at the beginning of the period and at the end of the reference period must be written in current price of the corresponding day.

The value of the addition of new or used fixed assets should be written in market price.

Building and Other Construction (building)

File: fix_assets

Overview

Type: Continuous
Format: numeric
Width: 7
Decimals: 0
Range: 0-9999999

Valid cases: 0
Invalid: 0

Description

Building may be residential or non-residential.

Residential buildings: Residential buildings Include the buildings constructed for residential use by the staff/workers.

Non-residential buildings: Non-residential buildings Include all other buildings such as factories, warehouses, office buildings, stores, restaurants, dispensaries, buildings for labour welfare, schools, etc.

Other construction: It Includes access roads, parking facilities, fences, bridges, platforms pipelines, communication lines, sewerage and water system, etc.

Literal question

Fixed Assets (Values in Rs. '000): Building and Other Construction

Interviewer instructions

Try to relate and probe at least once the recorded data on fixed assets with values written at the non-industrial receipts and cost on rent.

The value of fixed assets at the beginning of the period and at the end of the reference period must be written in current price of the corresponding day.

The value of the addition of new or used fixed assets should be written in market price.

Machinery and Equipment (machinery)

File: fix_assets

Overview

Type: Continuous
Format: numeric
Width: 7
Decimals: 0
Range: 0-9999999

Valid cases: 0
Invalid: 0

Description

It Includes all machines, tools and equipment used in the establishment.

Literal question

Fixed Assets (Values in Rs. '000): Machinery and Equipment

Interviewer instructions

Machinery and Equipment (machinery)

File: fix_assets

Try to relate and probe at least once the recorded data on fixed assets with values written at the non-industrial receipts and cost on rent.

The value of fixed assets at the beginning of the period and at the end of the reference period must be written in current price of the corresponding day.

The value of the addition of new or used fixed assets should be written in market price.

Computer and Software (com_swr)

File: fix_assets

Overview

Type: Continuous	Valid cases: 0
Format: numeric	Invalid: 0
Width: 5	
Decimals: 0	
Range: 0-99999	

Description

Values given are in NRs thousand.

Literal question

Fixed Assets (Values in Rs. '000): Computer and Software

Interviewer instructions

Try to relate and probe at least once the recorded data on fixed assets with values written at the non-industrial receipts and cost on rent.

The value of fixed assets at the beginning of the period and at the end of the reference period must be written in current price of the corresponding day.

The value of the addition of new or used fixed assets should be written in market price.

Vehicle (vehicle)

File: fix_assets

Overview

Type: Continuous	Valid cases: 0
Format: numeric	Invalid: 0
Width: 7	
Decimals: 0	
Range: 0-9999999	

Description

It includes cars, buses, trucks, trolleys, vans, motorcycles, bicycles etc.used inside and outside the plant.

Literal question

Fixed Assets (Values in Rs. '000): Vehicle

Interviewer instructions

Try to relate and probe at least once the recorded data on fixed assets with values written at the non-industrial receipts and cost on rent.

The value of fixed assets at the beginning of the period and at the end of the reference period must be written in current price of the corresponding day.

The value of the addition of new or used fixed assets should be written in market price.

Furniture (furniture)

File: fix_assets

Overview

Type: Continuous
Format: numeric
Width: 6
Decimals: 0
Range: 0-999999

Valid cases: 0
Invalid: 0

Description

It consists of all kind of furnitures like sofa, table, almira, bench, chair, wardrobe etc possessed by the establishment

Literal question

Fixed Assets (Values in Rs. '000): Furniture

Interviewer instructions

Try to relate and probe at least once the recorded data on fixed assets with values written at the non-industrial receipts and cost on rent.

The value of fixed assets at the beginning of the period and at the end of the reference period must be written in current price of the corresponding day.

The value of the addition of new or used fixed assets should be written in market price.

Other (other)

File: fix_assets

Overview

Type: Continuous
Format: numeric
Width: 6
Decimals: 0
Range: 0-999999

Valid cases: 0
Invalid: 0

Description

Other fixed assets Include air-conditioners, refrigerators and any type of valuables etc of the establishment.

Literal question

Fixed Assets (Values in Rs. '000): Other

Interviewer instructions

Try to relate and probe at least once the recorded data on fixed assets with values written at the non-industrial receipts and cost on rent.

The value of fixed assets at the beginning of the period and at the end of the reference period must be written in current price of the corresponding day.

The value of the addition of new or used fixed assets should be written in market price.

Documentation

Questionnaires

Census of Manufacturing Establishments 2006-07, Questionnaire

Title	Census of Manufacturing Establishments 2006-07, Questionnaire
Author(s)	Central Bureau of Statistics
Country	Nepal
Language	English
Publisher(s)	Central Bureau of Statistics
Filename	Appendix-1 (QUESTIONNAIRE ENGLISH).pdf

Reports

Census of Manufacturing Establishments 2006-07, National Report

Title	Census of Manufacturing Establishments 2006-07, National Report
Author(s)	Central Bureau of Statistics (CBS)
Date	2007-10-15
Country	Nepal
Language	English
Publisher(s)	Central Bureau of Statistics, Nepal

This is the report on the results of Census of Manufacturing Establishment 2006-2007 at national level. It has 4 parts which are not categorized as parts. The first part is the introduction of the census. Summary results of the census is the second part. The third part contains general tables. These tables are summarized by Nepal Standard Industrial Classification (NSIC) which is a Nepali version of International Standard Industrial Classification 1998, rev-3. There are altogether 23 types of tables, each of which are presented in accordance with NSIC at 4-digit level except the last one. The last table is about the problems faced by manufacturing establishments during the reference period. The problems are recorded as the priority given by the establishments and ranking of such problems is given in the table. This part contains national level tables only.

Principal indicators of manufacturing establishment are presented in the first six tables for different characteristics. The principal indicators comprise here 10 kinds of indicators including number of establishments, number of persons engaged, number of paid employees, wages and salaries, value of stocks at the end of the year, gross addition of fixed assets during the year, gross fixed assets at the end of the year, value of output, value of input and value added are defined as principal indicators. The principal indicator tables of Nepal and Urban/Rural are given in the first two tables. Then principal indicators by legal status, ownership, number of persons engaged, and size of fixed assets are presented in the third, fourth, fifth and sixth tables.

Tables 7, 8 and 9 are related to employment and emolument. Value of Output and Value of Input is computed in table 10 and table 13 respectively. Value of shipments and cost of raw materials purchased is tabulated in tables 11 and 14 respectively by Central Product Classification (CPC) code at 4-digit level. While receipts from and cost of non industrial services are given in table 12 and table 17 respectively but no separate tables are presented for receipts from and cost of industrial services because such data are included in the table 10 and 13 of value of output and value of input respectively.

Annual cost of fuel purchased and quantity by type of fuel is given in the table 15, and table 16 deals with electricity generation and purchase. Value of fixed assets at the beginning of the year, addition of fixed assets during the year and value of fixed assets at the end of the year is given in the table 18. Table 19 gives value of stocks at the beginning and end of the reference period and table 20 gives summarized indirect tax paid amount by NSIC. Utilization of Production Capacity is recorded in table 21 and investment for pollution control equipment and environment protection effort is described in table 22.

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- 6.1 Principal Indicators of Manufacturing Establishments with Fixed Assets less than One Crore Rupees by NSIC, Nepal 2006-2007
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- 10.0 Value of Output of Manufacturing Establishments by NSIC, Nepal 2006-2007
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- 18.0 Value of Fixed Assets of Manufacturing Establishments by NSIC, Nepal 2006-2007
- 19.0 Value of Stocks at the Beginning and At the End of the Year of Manufacturing Establishments by NSIC, Nepal 2006-2007
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- 21.0 Capacity Utilization of Manufacturing Establishments by NSIC, Nepal 2006-2007
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1. Questionnaire Used For Census of Manufacturing Establishments 2006-2007 (In Nepali Version)
2. Instruction Manual Used For Census of Manufacturing Establishments 2006-2007 (In Nepali Version)
3. Nepal Standard Industrial Classification
4. Concepts and Definition

Filename Census of Manufacturing Establishments 2006-2007 (National Report).zip

Census of Manufacturing Establishments 2006-07, District Level

Title	Census of Manufacturing Establishments 2006-07, District Level
Author(s)	Central Bureau of Statistics (CBS)
Date	2008-08-01
Country	Nepal
Language	English
Publisher(s)	Central Bureau of Statistics, Nepal
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Filename	Census of Manufacturing Establishments 2007-2007 (District Level).zip

Census of Manufacturing Establishments 2006-07, Summary and Highlights

Title Census of Manufacturing Establishments 2006-07, Summary and Highlights

Author(s)	Central Bureau of Statistics (CBS)
Date	2007-10-01
Country	Nepal
Language	English
Description	The file provides general idea on the census methodology. Further, it highlights some aggregates or indicators of the census of manufacturing establishments 2006-2007.
Table of contents	<ol style="list-style-type: none"> 1. Introduction 2. Objectives 3. Plan and Budget 4. Technical Committee 5. Personnel Involved 6. Census Frame 7. Questionnaire and Manual 8. Training 9. Pilot Survey 10. Awareness and Publicity 11. Collection 12. Data Entry and Processing 13. Quality Control 14. main results
Filename	Methodology and Summary of Results.pdf

Technical documents

Census of Manufacturing Establishments 2006-07, Directory

Title	Census of Manufacturing Establishments 2006-07, Directory
Author(s)	Central Bureau of Statistics (CBS)
Date	2008-08-01
Country	Nepal
Language	English
Description	<p>The following information of each manufacturing establishment by district from east to west is published in the directory:</p> <ul style="list-style-type: none"> - NSIC code - Name of Manufacturing Establishments - VDC/Mun - Ward No. - Phone No. - Contact Address

	S.NO.	District Name
	1	TAPLEJUNG
	2	PANCHTHAR
	3	ILAM
	4	JHAPA
	5	MORANG
	6	SUNSARI
	7	DHANKUTA
	8	TEHRATHUM
	9	SANKHUWASABHA
	10	BHOJPUR
	11	SOLUKHUMBU
	12	OKHALDHUNGA
	13	KHOTANG
	14	UDAYAPUR
	15	SAPTARI
	16	SIRAHA
	17	DHANUSHA
	18	MAHOTTARI
	19	SARLAHI
	20	RAMECHHAP
	21	DOLAKHA
	22	SINDHUPALCHOK
	23	KAVREPALANCHOK
	24	LALITPUR
	25	BHAKTAPUR
	26	KATHMANDU
	27	NUWAKOT
	28	RASUWA
	29	DHADING
	30	MAKWANPUR
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	39	KASKI
	40	MUSTANG
	41	MYAGDI
	42	PARBAT
	43	BAGLUNG
	44	GULMI
	45	PALPA
	46	NAWALPARASI
	47	RUPANDEHI
	48	KAPILBASTU
	49	ARGHAKHANCHI
	50	PYUTHAN
	51	RUKUM
	52	DANG
	53	BANKE
	54	BARDIYA
	55	SURKHET
	56	DAILEKHA
	57	JAJARKOT
	58	DOLPA
	59	JUMLA
	60	KALIKOT
	61	MUGU
	62	BAJURA
	63	BAJHANG
	64	ACHHAM
	65	DOTI
	66	KAILALI
	67	KANCHANPUR

Filename DIRECTORY.pdf

Census of Manufacturing Establishments 2006-07, Concept and Definition

Title Census of Manufacturing Establishments 2006-07, Concept and Definition

Author(s) Central Bureau of Statistics

Country Nepal

Filename Appendix-4 (CONCEPTS AND DEFINITIONS).pdf

Census of Manufacturing Establishments 2006-07, Questionnaire Manual

Title Census of Manufacturing Establishments 2006-07, Questionnaire Manual

Author(s) Central Bureau of Statistics

Country Nepal

Filename Appendix-2 (INSTRUCTIONS MANUAL).pdf
