

Philippines - Occupational Injuries Survey 2000

Bureau of Labor and Employment Statistics,

Report generated on: February 16, 2023

Visit our data catalog at: <https://psada.psa.gov.ph/>

Overview

Identification

ID NUMBER
PHL-BLES-OIS-2000-v1

Version

VERSION DESCRIPTION
v2: Edited data, for public distribution.

PRODUCTION DATE
2002-06

Overview

ABSTRACT
A. Objective

To generate national statistics on occupational injuries essential for better management of safety and health in the workplace and for formulation of effective policies and programs for the prevention of occupational accidents.

B. Uses of Data

Guide policy makers, program planners, employers and workers in identifying persistent and new areas of risk at the workplace and in evaluating safety performance and effectiveness of current accident preventive measures; used in developing training materials and programs for accident prevention; and provide basis for identifying areas for future research.

C. Main Topics Covered

Cases of occupational injuries

Occupational accidents

Cases of injuries due to commuting accidents

KIND OF DATA
Sample survey data [ssd]

UNITS OF ANALYSIS
Establishment

Scope

NOTES
The scope of the survey includes:

- Cases of Occupational Injuries by Major Occupation Group,
- Cases of Occupational Injuries by Type of Injury,

- Cases of Occupational Injuries By Part of Body Injured,
- Cases of Occupational Injuries By Cause of Injury,
- Cases of Commuting Accidents.

TOPICS

Topic	Vocabulary	URI
accidents and injuries [8.1]	CESSDA	http://www.nesstar.org/rdf/common

Coverage

GEOGRAPHIC COVERAGE

National, 16 administrative regions

GEOGRAPHIC UNIT

National Capital Region

Cordillera Administrative Region

Region I - Ilocos Region

Region II - Cagayan Valley

Region III - Central Luzon

Region IV - Southern Luzon

Region V - Bicol Region

Region VI - Western Visayas

Region VII - Central Visayas

Region VIII - Eastern Visayas

Region IX - Western Mindanao

Region X - Northern Mindanao

Region XI - Davao

Region XII - Central Mindanao

Caraga

Autonomous Region in Muslim Mindanao

UNIVERSE

Covered non-agricultural establishments employing 20 or more workers except national postal activities, central banking, public administration and defense and compulsory social security, public education services, public medical, dental and other health services, activities of membership organizations, extra territorial organizations and bodies.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
Bureau of Labor and Employment Statistics	Department of Labor and Employment

FUNDING

Name	Abbreviation	Role
Bureau of Labor and Employment Statistics	BLES	

OTHER ACKNOWLEDGEMENTS

Name	Affiliation	Role
DOLE Regional Offices outside of NCR	Department of Labor and Employment	Data collection outside NCR

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Ma. Teresa E. Edora	MTEE	Bureau of Labor and Employment Statistics	Documenter
Teresa V. Peralta	TVP	Bureau of Labor and Employment Statistics	Reviewer
Rosario G. Fajardo	RGF	Bureau of Labor and Employment Statistics	Reviewer

DATE OF METADATA PRODUCTION
2009-08-17

DDI DOCUMENT VERSION
Version 1- first survey documentation using DDI standards.

DDI DOCUMENT ID
DDI-PHL-BLES-OIS-2000-v1

Sampling

Sampling Procedure

Statistical unit: The statistical unit is the establishment. Each unit is classified to an industry that reflects its main economic activity---the activity that contributes the biggest or major portion of the gross income or revenues of the establishment.

Survey universe/Sample frame: The sampling frame used for the survey was taken from the List of Establishments of the National Statistics Office. On a partial basis, this is regularly updated based on the responses to other surveys of the BLES, establishment reports on retrenchments and closures submitted to the Regional Offices of the Department of Labor and Employment and other establishment lists.

Sample design: Establishments are stratified by 3-digit industry level (except for industries observed to be heterogeneous within their 3-digit level and therefore requires further breakdown at the 4-digit classification) and by employment size. Geographical location was not considered in the stratification to allow for detailed industry disaggregation. Establishments with at least 100 workers were covered with certainty. The estimated number of sample establishments for the stratum 20-99 workers is the difference of the total number of establishments in the other two strata (100-199 and 200 and over) from the estimated sample size for the survey.

The estimated number of samples in each cell of this stratum was allocated proportionate to its population share to the stratum total population. The sample size for each cell was adjusted to build-in replacement, e.g., sample size divided by 0.8 as expected retrieval rate is 80 percent.

Sample size: For OIS 2000 , the sample size was 7,738, of which, 6,207 were found to be eligible sampling units.

Note: Refer to Field Operations Manual Chapter 1 Section 1.5.

Response Rate

The retrieval rate in terms of eligible units was 89.2%.

Weighting

Due to the inadequacy of the frame used, during field operations there are reports of permanent closures, non-location, duplicate listing and shifts in industry and employment outside the survey coverage. Establishments that fall in these categories are not eligible elements of the population and their count is not considered in the estimation. In addition to non-response of establishments because of refusals, strikes or temporary closures, there are establishments whose questionnaires contain inconsistent item responses that are not included in the processing as these have not replied to the verification queries by the time output table generation commences. Such establishments are also considered as non-respondents.

Estimates are obtained by simple expansion, i.e. by multiplying the sample values at the cell level (industry and employment size) by the corresponding blowing-up factor which is the ratio of the eligible population of establishments to the number of responding establishments. These estimates are then aggregated to the desired totals.

Average days lost of cases of temporary incapacity are obtained by dividing its estimated lost work days by the corresponding number of cases.

Questionnaires

Overview

The questionnaire contains the following sections:

Cover Page - This contains the address box, status codes, information on the purpose of the survey, coverage, reference period, collection authority, authorized field personnel, confidentiality clause, due date, availability of results and assistance available.

Part A. General Information - This portion inquires on: a) main economic activity; b) major products/goods or services; c) average total employment by sex; d) normal working hours per day for majority of workers; e) total number of working days of the establishment; and f) total hours actually worked of all persons employed.

Part B. Occupational Accidents - This portion inquires on the occurrence and number of occupational accidents if there is any.

Part C. Occupational Injuries - This portion is to be accomplished if there have been occurrences of occupational accidents resulting to occupational injuries. It inquires on: a) cases of incapacity for work (fatal, permanent incapacity, temporary incapacity) and cases without lost workdays classified by major occupation group, type of injury, part of the body injured and cause of injury; b) lost workdays of cases of permanent and temporary incapacity classified by major occupation group, type of injury, part of the body injured and cause of injury.

Part D. Cases of Injury Due to Commuting Accidents - This portion inquires on the cases of injury due to commuting accidents and if any, the number of workers injured.

Part E. Certification of Respondent

Remarks - This space is provided for the respondent's explanations on the given information and comments/suggestions on the survey.

Contact Person - This space is provided for the signature, name, position, telephone/fax numbers and e-mail address of the person responsible for filling out the form and the date the questionnaire was accomplished.

Note: Refer to Questionnaire.

Data Collection

Data Collection Dates

Start	End	Cycle
2001-04	2001-12	N/A

Time Periods

Start	End	Cycle
2000-01-01	2000-12-31	N/A

Data Collection Mode

Other [oth] Mixed method: self accomplished, mailed, face to face

Data Collection Notes

The survey is conducted in coordination with the Regional Offices of the Department of Labor and Employment. On a project basis, employees are hired to personally deliver and retrieve the questionnaires from the establishments. In some instances, questionnaires are mailed to establishments in less accessible or conflict prone areas, in which case a self-addressed envelope is provided. The establishments may also submit the accomplished questionnaires through fax. Delivery of questionnaires starts in March or April of the year after the reference year and retrieval will commence after all questionnaires have been delivered or within 10 working days from delivery to an establishment or on a date agreed upon by the contact person and the enumerator. The basic data originate from the accident records of establishments.

Note: Refer to Field Operations Manual, Chapters 3, 4, and 5.

Questionnaires

The questionnaire contains the following sections:

Cover Page - This contains the address box, status codes, information on the purpose of the survey, coverage, reference period, collection authority, authorized field personnel, confidentiality clause, due date, availability of results and assistance available.

Part A. General Information - This portion inquires on: a) main economic activity; b) major products/goods or services; c) average total employment by sex; d) normal working hours per day for majority of workers; e) total number of working days of the establishment; and f) total hours actually worked of all persons employed.

Part B. Occupational Accidents - This portion inquires on the occurrence and number of occupational accidents if there is any.

Part C. Occupational Injuries - This portion is to be accomplished if there have been occurrences of occupational accidents resulting to occupational injuries. It inquires on: a) cases of incapacity for work (fatal, permanent incapacity, temporary incapacity) and cases without lost workdays classified by major occupation group, type of injury, part of the body injured and cause of injury; b) lost workdays of cases of permanent and temporary incapacity classified by major occupation group, type of injury, part of the body injured and cause of injury.

Part D. Cases of Injury Due to Commuting Accidents - This portion inquires on the cases of injury due to commuting accidents and if any, the number of workers injured.

Part E. Certification of Respondent

Remarks - This space is provided for the respondent's explanations on the given information and comments/suggestions on the survey.

Contact Person - This space is provided for the signature, name, position, telephone/fax numbers and e-mail address of the person responsible for filling out the form and the date the questionnaire was accomplished.

Note: Refer to Questionnaire.

Data Collectors

Name	Abbreviation	Affiliation
Bureau of Labor and Employment Statistics (for National Capital Region)	BLES	Department of Labor and Employment
DOLE Regional Offices (for areas outside National Capital Region)	DOLE ROs	Department of Labor and Employment

Supervision

The regional statisticians , economists or personnel designated by the Regional Director supervise the data collectors/enumerators in their respective regions.

In provinces/areas where there were relatively many establishments to be covered, area supervisors were hired to assist the regional staff in the supervision of data collection activity. The BLES handled the field operations in the National Capital Region.

Note: Refer to Field Operations Manual, Chapter 3, Section 3.2.

Data Processing

Data Editing

Data are manually and electronically processed. Field editing was done by the enumerators to ensure completeness, consistency and reasonableness of entries in accordance with the field operations manual. Then, the process is replicated by their field supervisors. BLES personnel undertake the final review, coding of information used, data entry and validation and scrutiny of aggregated results for coherence. PC-Edit is used for editing and Microsoft Access data format.

Note: Refer to Field Operations Manual, Chapter 1, Section 1.11.

Other Processing

Processing involves the following activities:

1. Batch labelling
2. Office editing and coding
3. Status monitoring and printing of Survey Status Report (5th and 20th of the month)
4. Data entry (MS Access)
5. Printing of validation prooflists
6. Data validation (1st and 2nd pass)
7. Re-encoding of data
8. Re-validation and re-encoding
9. Back-up MS Access database
10. Conversion of file from MS Access to SPSS
11. Computation of weights and recoding of some variables
12. Output tables generation
13. Publication tables preparation

Note: Refer to Guidelines and Syntax.

Data Appraisal

Estimates of Sampling Error

Estimates of sampling error are not computed.

Other forms of Data Appraisal

The survey results are checked against administrative-based statistics on work injuries.