Philippines - Labor Turnover Survey 2018

Philippine Statistics Authority (PSA)

Report generated on: February 16, 2023

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Overview

Identification

ID NUMBER
PHL-PSA-LTS-2018-v2

Version

VERSION DESCRIPTION
v2 : Final dataset for official estimates

PRODUCTION DATE
2019-06-13

Overview

ABSTRACT
The Labor Turnover Survey (LTS) aims to generate quarterly data on labor turnover (accession and separation rates) as indicators of labor market activity in small, medium and large business establishments.

The information gathered in this survey is intended to generate timely labor market signals as sound basis in planning, policy formulation and decision making in goverment, business and industry.

KIND OF DATA
Sample survey data [ssd]

UNITS OF ANALYSIS
Establishments

Scope

NOTES
- Total Employment

- Total Accession (Due to Expansion and Replacement)

- Total Separation (Employer-Initiated and Employee-Initiated) with corresponding reasons using the codes listed in the questionnaire

- Agency-hired Workers

- Existing Job Vacancies (Number and type of occupations) at the end of the quarter

TOPICS

Topic	Vocabulary	URI
Business statistics	Philippine Statistics Authority	
Business and agricultural surveys	Philippine Statistics Authority	

Coverage

GEOGRAPHIC COVERAGE
National Coverage, 17 administrative regions

UNIVERSE
The LTS 2018 is a nationwide survey covering establishments with 20 or more workers as listed by the Philippine Statistics Authority. The survey covers 18 major industries classified according to the amended 2009 Philippine Standard

Industrial Classification (PSIC) as follows:

Agriculture, Forestry, and Fishing, Mining and Quarrying, Manufacturing, Electricity, Gas, Steam, and Air Conditioning Supply, Water Supply; Sewerage, Waste Management and Remediation Activities, Construction, Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles, Transportation and Storage, Accommodation and Food Service Activities, Information and Communication, Financial and Insurance Activities , Real Estate Activities, Professional, Scientific and Technical Activities, Administrative and Support Service Activities, Education, Human Health and Social Work Activities, Arts, Entertainment, and Recreation, Other Service Activities.

Note: Refer to Metadata in Technical Documents.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
Philippine Statistics Authority (PSA)	National Economic and Development Authority (NEDA)

FUNDING

Name	Abbreviation	Role
Government of the Philippines	GOP	Full funding

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Employment Demand Statistics Division	EDSD	Philippine Statistics Authority	Documenter

DATE OF METADATA PRODUCTION
2020-01-12

DDI DOCUMENT VERSION
Version 1.0 - First Documentation of LTS 2018

DDI DOCUMENT ID
DDI-PHL-PSA-LTS-2018-v1

Sampling

Sampling Procedure

The Frame

The establishment sampling frame for the 2018 Labor Turnover Survey was extracted from the preliminary 2017 List of Establishments (LE) as of 19 January 2018.

This list was a product of the 2017 Updating of List of Establishments (ULE). The updating involved complete enumeration of establishments in the barangays where "no matched" establishments (establishments listed in other sources but not in the LE) from prioritized secondary sources are located, barangays with new malls, barangays having establishments with total employment of 100 and over, barangays with the highest number of establishments from the typhoon Yolanda affected cities/municipalities and barangays and barangays with the highest number of establishments for some provinces. Also covered using mail inquiry were other "no matched" establishments including those located in distant barangays.

Other sources of updates are the survey feedbacks from the 2016 Annual Survey of Philippine Business and Industry (ASPBI) and the 2015/2016 Integrated Survey on Labor and Employment (ISLE).

A total of 37,166 establishments with employment size of at least 20 workers extracted from the 2017 List of Establishments in the country comprised the 2018 LTS sampling frame.

The establishment is the unit of enumeration. The 37,166 establishments included in the frame were stratified based on the eighteen (18) major industry groups as domains.

The initial sample size for each domain was obtained by taking into account the computed highest coefficient of variation (CVH) for each domain among indicators from the pilot data in Region III and a target coefficient of variation (CVT) of 3%. The number of establishments per domain was initially computed using the following formula:

no = [CVH / 100) * r] / (CVT/100)
where no - initial sample size
CVH - highest coefficient of variation
r - number of responding from the pilot data
CVT - target coefficient of variation.

Sampling Design

The estimated number of establishments per domain was further adjusted for expected 10% non-response to arrive at the final sample size of 5,469 establishments.

To distribute the computed samples by region, the total sample establishments for each domain was proportionally allocated to 17 Regions using the proportion of population units by region (Nr) to the total population (Nte) in the sampling frame.

nri = (Nr / Nte) * noi

where nri - number of establishment in the rth region in the iith industry
Nr - total number of establishment in the rth region
Nte - total number of establishment in the sampling frame
noi - number of samples in the ith industry

The sample establishments in each domain and region were drawn through simple random sampling.
Sample size: A total of 5,469 establishments were selected for LTS 2018 nationwide.

Response Rate

1st Qtr - 89.41 %
2nd Qtr - 90.97 %
3rd Qtr - 90.44 %
4th Qtr - 88.82 %

Weighting

Weights were computed as the ratio of the estimated population of establishments to the number of responding establishments.

$W_i = N_i/n_i \times n_i''/n$

Where
W_i - Weight in the ith industry stratum
N_i - Total number of establishments in the frame ith industry stratum
n_i - Number of sample establishments in the ith industry stratum
n' - Number of responding establishments in the ith industry stratum
n'' - Number of eligible units in the ith industry stratum

Note: Refer to Metadata

Questionnaires

Overview

The 2018 Labor Turnover Survey questionnaire has been designed to capture key labor market trends in the formal sector of the economy.

The comments/suggestions provided by the Standard Service thru the Statistical Survey Review and Clearance System (SSRCS) for the improvement of the questionnaire were incorporated as follows:
a.) Use of boxes when inputing for the codes of PSGC and PSIC to insure the completeness of the code.
b.) Change Average Total Employment (ATE) to Total Employment (TE).
c.) Add boxes for the 2009 PSIC code.

The questionnaire contained the following information:

1. Name and Address of Establishment

2. Main Economic Activity and Major Products/Goods or Services

3. Item of Information

I. Employment
A. Total Employment (Month 1, Month 2, Month 3)

II. Labor Turnover
A. Total Accessions (New Hires)
1. Expansion
2. Replacement

B. Total Separation
1. Employee-initiated
1.1 Reason
2. Employer-initiated
2.1 Reason

III. Agency-hired Workers
a. Accessions
b. Separation

IV. Existing Job Vacancies

4. Certification of Respondents

5. Survey Personnel

Data Collection

Data Collection Dates

Start	End	Cycle
2018-05-07	2018-07-26	1st Quarter 2018
2018-08-15	2018-10-26	2nd Quarter 2018
2018-11-06	2019-01-11	3rd Quarter 2018
2019-02-11	2019-04-12	4th Quarter 2018

Time Periods

Start	End	Cycle
2018-01-01		1st Quarter 2018
2018-04-01		2nd Quarter 2018
2018-07-01		3rd Quarter 2018
2018-10-01		4th Quarter 2018

Data Collection Mode

Face-to-face [f2f]

Data Collection Notes

The conduct of training on data collection and field editing for field personnel was done a week before the actual data collection to ensure that statistical and survey standards are observed.

Survey Area Supervisors were assigned to allocate questionnaires to job order field personnel. Sample questionnaires were distributed to field personnel based on their respective area of assignments. They were also provided with "Enumerator's Control List" where they can record the status of the questionnaires and contact information of the respondents.

Each enumerator was provided with a letter of introduction to be presented to the sample establishment. Upon reaching the establishment, the enumerator introduced himself/herself to the receptionist or to any person who referred him/her to the HRD/personnel manager or the designated employee responsible for answering government surveys. In such instance, the enumerator re-introduced himself/herself to this contact person.

Some of the questionnaires were retrieved on-the-spot upon delivery. If not, the enumerator and respondent/contact person agreed on the pick-up date or the respondent was advised to send the accomplished LTS form thru electronic mode, e.g., fax or e-mail with the certification portion duly signed or noted by the contact person.

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Data Collectors

Name	Abbreviation	Affiliation
Philippine Statistics Authority	PSA	National Economic and Development Authority

Supervision

The personnel from the PSA Field Offices supervised the data collectors/survey researchers in their respective field offices. In provinces/areas where there were relatively many establishments to be covered, area supervisors were hired to assist the survey researchers/encoders in the supervision of data collection activities as well as the manual and machine processing.

Data Processing

Data Editing

Refer to Field Operations Manual for editing guidelines

Data Appraisal

Estimates of Sampling Error

Not computed