

# Moldova, Republic of - Labour Force Survey 2016, First Quarter

Report generated on: August 9, 2017

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# Overview

## Identification

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**ID NUMBER**

MDA\_2016\_LFS\_Q1\_v01\_M\_ILO

## Version

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**VERSION DESCRIPTION**

Version 01

## Overview

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**ABSTRACT**

Labour Force Survey was developed to satisfy the need for reliable and timely labour statistics. At the beginning of the transition period had appeared a big demand for data that could describe and explain the changes caused by shifting from one economic system to another. Labour Force Survey has several main objectives:

- Estimating the active population (employed, unemployed) and the inactive population
- Estblishing the structure of active and inactive population
- Estimating trends
- Offering essential data on labour force

**KIND OF DATA**

Sample survey data [ssd]

## Scope

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**NOTES**

The scope of this study includes:

- Gender
- Youth and elder employment
- Unemployment
- Underemployment
- Labour migration

**TOPICS**

Topic	Vocabulary	URI
Economic Policy	ILO	
Education	ILO	
Migration & Remittances	ILO	
Household Income	ILO	
Employment	ILO	
Unemployment	ILO	

Topic	Vocabulary	URI
Underemployment	ILO	
Informal Work	ILO	
Other Work Activities	ILO	
Gender	ILO	
Children & Youth	ILO	

## Coverage

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### GEOGRAPHIC COVERAGE

The LFS covers all the persons - citizens of the Republic of Moldova or foreigners with permanent residence within the selected survey centers.

### UNIVERSE

- In the area of coverage of the survey are included all the persons with permanent residence in the selected surveyed localities.

- In the area of coverage are not included persons that live permanently in hostels (asylums for old people, for handicap persons, sanatoriums, etc.).

## Producers and Sponsors

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### PRIMARY INVESTIGATOR(S)

Name	Affiliation
National Statistical Office of Moldova Republic	Republic of Moldova

## Metadata Production

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### METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Department of Statistics	ILO	International Labour Organization	Producer of DDI

### DATE OF METADATA PRODUCTION

2017-08-09

### DDI DOCUMENT ID

DDI\_MDA\_2016\_LFS\_Q1\_v01\_M\_ILO

# Sampling

## Sampling Procedure

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The sampling plan used for the LFS survey is a two-step survey plan. In the first step, based on the 2004 census, a layered sample of 219 localities grouped into 150 research centers, assimilated to Primary Sampling Units (PSU), was designed. This is the Multi-Functional Sample for Social Diversity Research, the so-called master sample EMDOS. The geographic criteria, the residence environment and the size of the localities were used for stratification. EMDOS comprises 53 selected UPEs from the urban area and 97 selected rural UPEs. The survey is carried out on a randomly selected sample of dwellings, representative at the country level (without left part of river Nistru and city Bender), using a sampling plan with two levels: in the first level, there have been selected the survey localities in the basis of National Classification of Territorial Units (CUATM) and results of Population Census carried out on 2004, October, while in the second level - the dwellings (with all the component households). There are selected 12000 dwellings quarterly for the participation in survey. The extrapolation is done thru a system of probabilistic calculus.

### Sampling unit

The primary sampling unit, corresponding to the first sampling step (master sample selection), was the level II administrative-territorial unit. The secondary sampling unit, corresponding to the second sampling step (sample selection of the survey), was the dwelling (address).

### stratification

Stratification refers only to the first sampling step. There were created 11 layers, the stratification criteria used being the statistical area (North, Center, South and Chisinau), the residence environment and the size of the rural localities where a particular UPE is located.

## Deviations from Sample Design

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The survey is carried out on a randomly selected sample of dwellings, representative at the country level (without left part of river Nistru and city Bender), using a sampling plan with two levels: in the first level, there have been selected the survey localities in the basis of National Classification of Territorial Units (CUATM) and results of Population Census carried out on 2004, October, while in the second level - the dwellings (with all the component households). There are selected 12000 dwellings quarterly for the participation in survey. The extrapolation is done thru a system of probabilistic calculus.

## Response Rate

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During 2016, of the total of 50,000 unemployed registered with the National Employment Agency, 17,600 were placed in the labour force, while the number of vacancies registered at the employment agencies constituted 44,6 thousand. The unemployment rate in 2016 at the national level was 4.2 per cent, with no significant changes compared to 2015.

## Weighting

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Annual data are calculated as simple arithmetic means of quarterly data.

# Questionnaires

## Overview

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Information recording in the survey questionnaires is done by interviewing persons aged 15 years and over, at the household domiciles of surveyed dwellings. The interviews are uniformly distributed during the quarter being thus carried out a continuous survey. The reference period (for most of the questions) is the week, from Monday to Sunday, inclusive, previous to recording. For some questions, there are other reference periods: the last 4 weeks, the next 15 days, the last year, these exceptions being specified on the questionnaire. Data registration is performed by the interviewer at the household's place of residence, based on the questions covered in the two types of forms:

- Dwelling Questionnaire - DQ
- Individual Questionnaires - IQ

## Data Collection

### Data Collection Dates

Start	End	Cycle
2014	2014	N/A

### Time Periods

Start	End	Cycle
2014-12		Fourth Quarter

### Data Collection Mode

Face-to-face [f2f]

### Data Collection Notes

Data are collected through face to face interview method. The registration of information in the survey questionnaires is performed by interviewing the persons aged 15 years old and over, at the households' residence from the dwellings under the survey. The interviews are distributed uniformly along the quarter, and the survey is a continuous one. The fieldwork of the investigation involves two successive stages:

- (1) Identification of dwellings in the research center and notification of households.
- (2) Data entry in the questionnaire.

### Questionnaires

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- Dwelling Questionnaire - DQ
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### Supervision

The methodological and organisational design of the survey was realised with technical assistance granted by French specialists from the National Institute for Statistics and Economic Studies (INSEE, France) and by Romanian specialists from the National Institute of Statistics (INS, Romania) within TACIS Statistical Program. The National Bureau of Statistics, by means of local statistical units, ensures the practical organisation and carrying out of the survey in the territory.

# Data Processing

## Data Editing

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Data are verified and analyzed from quality point of view, especially the internal coherence and coherence with other data. Information application is used to ensure the verification of data regarding the observance of the entire set of control conditions (logical conditions):

- logical ways in the questionnaires;
- data from the questionnaires;
- integrity between identification data of the households when these are selected with those that are filled in during the interview.

The logical control conditions at the questionnaire level aim to: follow and verify the logical ways/flows in the questionnaires; observance of the correlations between the answers to different questions, correct codification of variables, eliminations of some illogical and aberrant answers. The integrity verification conditions aim to follow the correlation and verification of households' identification data when households are selected as compared to those data which are filled in during the interview, and the identification data afferent to members of selected household among the types of used questionnaires.

## Data Appraisal

### Estimates of Sampling Error

The sampling errors were computed with a probability of 95%. Sampling errors are expressed by estimations of the limit sampling errors, taking into account the complexity of the sampling plan, the results being guaranteed with a probability of 95%. The limit sampling errors may be also expressed as a confidence interval, which represents the limits which will cover in 95% of cases the real value of the indicator. Sampling errors are determined for five basic characteristics: number of employed persons, number of unemployed, activity rate, employment rate, and unemployment rate. At the national level, the confidence intervals for the significance level of 95% for 2014, account for  $1172,8 \pm 76,7$  (x 1000) for the number of employed persons,  $63,1 \pm 11,7$  (x 1000) for the number of unemployed persons,  $39,3 \pm 1,4$  (%) for activity rate,  $39,4 \pm 1,5$  (%) for employment rate, and  $5,1 \pm 0,9$  (%) for unemployment rate.

# File Description

## Variable List

**MDA\_2016\_LFS\_Q1\_v01\_M\_STATA**

Content

Cases 5754

Variable(s) 14

Structure Type:  
Keys: ()

Version

Producer

Missing Data

**Variables**

ID	Name	Label	Type	Format	Question
V43	stap	Status in employment	discrete	numeric	
V44	ocup	Occupation ISCO_08 major group	discrete	numeric	
V45	act	Economic activity NACE rev2/ISIC rev4 major group	discrete	numeric	
V46	prog	Type of working program	discrete	numeric	
V47	durep	Hours actually worked in the reference week	contin	numeric	
V48	isosi	Labor status	discrete	character	
V49	nivs	ISCED-97	discrete	numeric	
V50	sex	Gender	discrete	numeric	
V51	virsta	Age in years	contin	numeric	
V52	urbrural	Residence area	discrete	numeric	
V53	durluni	Unemployment duration in months	contin	numeric	
V54	subocup	Underemployment	discrete	numeric	
V55	descurajat	Discouraged inactive persons	discrete	numeric	
V56	ccf	Sample weights	contin	numeric	



**Status in employment (stap)**

File: MDA\_2016\_LFS\_Q1\_v01\_M\_STATA

**Overview**

Type: Discrete	Valid cases: 4026
Format: numeric	Invalid: 1728
Width: 26	
Decimals: 0	
Range: 1-5	

**Occupation ISCO\_08 major group (ocup)**

File: MDA\_2016\_LFS\_Q1\_v01\_M\_STATA

**Overview**

Type: Discrete	Valid cases: 4026
Format: numeric	Invalid: 1728
Width: 8	
Decimals: 0	
Range: 1-10	

**Economic activity NACE rev2/ISIC rev4 major group (act)**

File: MDA\_2016\_LFS\_Q1\_v01\_M\_STATA

**Overview**

Type: Discrete	Valid cases: 4026
Format: numeric	Invalid: 1728
Width: 8	
Decimals: 0	
Range: 1-21	

**Type of working program (prog)**

File: MDA\_2016\_LFS\_Q1\_v01\_M\_STATA

**Overview**

Type: Discrete	Valid cases: 4026
Format: numeric	Invalid: 1728
Width: 9	
Decimals: 0	
Range: 1-2	

**Hours actually worked in the reference week (durep)**

File: MDA\_2016\_LFS\_Q1\_v01\_M\_STATA

**Overview**

Type: Continuous	Valid cases: 4026
Format: numeric	Invalid: 1728
Width: 8	Minimum: 0
Decimals: 0	Maximum: 98
Range: 0-98	Mean: 34.9
	Standard deviation: 12.2

**Labor status (isosi)**

File: MDA\_2016\_LFS\_Q1\_v01\_M\_STATA

**Overview**

Type: Discrete	Valid cases: 5754
Format: character	Invalid: 0
Width: 10	

**ISCED-97 (nivs)**

File: MDA\_2016\_LFS\_Q1\_v01\_M\_STATA

**Overview**

Type: Discrete	Valid cases: 5754
Format: numeric	Invalid: 0
Width: 37	
Decimals: 0	
Range: 1-8	

**Gender (sex)**

File: MDA\_2016\_LFS\_Q1\_v01\_M\_STATA

**Overview**

Type: Discrete	Valid cases: 5754
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-2	

**Age in years (virsta)**

File: MDA\_2016\_LFS\_Q1\_v01\_M\_STATA

**Overview**

Type: Continuous	Valid cases: 5754
Format: numeric	Invalid: 0
Width: 8	Minimum: 15
Decimals: 0	Maximum: 101
Range: 15-101	Mean: 47.1
	Standard deviation: 15.8

**Residence area (urbrural)**

File: MDA\_2016\_LFS\_Q1\_v01\_M\_STATA

**Overview**

Type: Discrete	Valid cases: 5754
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-2	

**Unemployment duration in months (durluni)**

File: MDA\_2016\_LFS\_Q1\_v01\_M\_STATA

**Unemployment duration in months (durluni)**

File: MDA\_2016\_LFS\_Q1\_v01\_M\_STATA

**Overview**

Type: Continuous	Valid cases: 284
Format: numeric	Invalid: 5470
Width: 8	Minimum: 0
Decimals: 0	Maximum: 96
Range: 0-96	Mean: 9.9
	Standard deviation: 17.2

**Underemployment (subocup)**

File: MDA\_2016\_LFS\_Q1\_v01\_M\_STATA

**Overview**

Type: Discrete	Valid cases: 5754
Format: numeric	Invalid: 0
Width: 24	
Decimals: 0	
Range: 0-1	

**Discouraged inactive persons (descurajat)**

File: MDA\_2016\_LFS\_Q1\_v01\_M\_STATA

**Overview**

Type: Discrete	Valid cases: 5754
Format: numeric	Invalid: 0
Width: 15	
Decimals: 0	
Range: 0-1	

**Sample weights (ccf)**

File: MDA\_2016\_LFS\_Q1\_v01\_M\_STATA

**Overview**

Type: Continuous	Valid cases: 5754
Format: numeric	Invalid: 0
Width: 8	Minimum: 78.3
Decimals: 0	Maximum: 15262.3
Range: 78.2669372558594-15262.2575531006	Mean: 518.9
	Standard deviation: 820.1

## Related Materials

### Questionnaires

#### Questionnaire

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Title Questionnaire  
Author(s) National Statistical Office of Moldova Republic  
Date 2016-01-01  
Country Moldova  
Language English  
Filename MDA\_2016\_LFS\_Questionnaire.pdf

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### Reports

#### Report

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Title Report  
Author(s) National Statistical Office of Moldova Republic  
Date 2016-01-01  
Country Moldova  
Language English  
Filename MDA\_2016\_LFS\_Report.pdf

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### Technical documents

#### Main Indicators

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Title Main Indicators  
Author(s) National Statistical Office of Moldova Republic  
Date 2017-01-15  
Country Moldova  
Language English  
Filename MDA\_2016\_LFS\_Main Indicators.pdf

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