State Statistical Office

Statistical survey on employees and wages (monthly)

LC_TRUD.1_M_EN_2024_12

Reference Metadata in ESMS 2.0 structure

1	Contact
1.1	Contact organisation
State Statistical Office	
1.2	Contact organisation unit
Department for wages	
1.3	Contact name
Sevdie Ramuko	
1.4	Contact person function
Head of sector	
1.5	Contact mail address
Dame Gruev 4, 1000 Skopje, Republic of North Macedonia	
1.6	Contact email address
sevdie.ramuko@stat.gov.mk	
1.7	Contact phone number
00389 2 3249 431	
1.8	Contact fax number
00389 2 3111 336	
2	Metadata update
2.1	Metadata last certified
2.2	Metadata last posted
2.3	Metadata last update
26/01/2024	
3	Statistical presentation

3.1	Data description

Data on average gross and net wage paid per employee (total, by sectors and departments).

3.2	Classification system

National Classification of Activities - NKD Rev. 2.

Nomenclature of Territorial Units for Statistics - NTES 2013.

3.3	Sector coverage

Sectors A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R and S except sectors T and U according to NKD Rev. 2 and all divisions from 01 to 96 except divisions 06, 50, 97, 98 and 99 according to NKD Rev.2

3.4	Statistical concepts and definitions

Total paid gross wages (wages in total) include: paid net wages for the reporting month, paid personal tax and paid contributions for pension and disability insurance, health insurance, employment and professional disease.Total paid net wages covers payments for full time work, less than full time work and more than full time work (overtime work), payments in respect of annual vacation, public holidays, paid leave up to seven days, paid leave for educational purposes, for sick leave up to 30 days, etc., payments for time spent in army service and civil duties, etc., differences based on increasing the base salary and the value of the salary point, payments based on periodical or final settlements, profit-sharing bonuses, no matter which period they refer to, payments for trainees and payments based on work experience. The net wage does not cover payments from common assets, payments of per diem allowances, travel expenses, reimbursements for transport to work and home, etc., payments for sick-leave over 30 days, payments based on temporary employment contracts as well as other payments for which personal tax and contributions are not paid.

3.5	Statistical unit

Statistical population are business entities from sectors A to S according to NKD Rev.2.

3.6	Statistical population

Statistical population are business entities from sectors A to S according to NKD Rev.2.

3.7	Reference area

Republic of North Macedonia

3.8	Time coverage

Dataset has been disseminated since 1991.

3.9	Base period

2021=100.

4	Unit of measure

Denars, Indices.

5	Reference period

Month.

6	Institutional mandate

6.1	Legal acts and other agreements

National:

Law on State Statistics ("Official Gazette of the Republic of Macedonia" No. 54/97, 21/07, 51/11, 104/13, 42/14, 192/15, 27/16, 83/18 and 220/18 and "Official Gazette of the Republic of North Macedonia" No. 31/20), Programme of Statistical Surveys 2023-2027 ("Official Gazette of the Republic of North Macedonia" No. 29/23 and 57/25).

International:

Council Regulation (EC) No. 1165/98; Commission Regulation 1503/2006; Eurostat Methodology on Short-term statistics.

6.2	Data sharing

Time series from January 2010, via eDAMIS to Eurostat and via SDDS to the International Monetary Fund.

7	Confidentiality

7.1	Confidentiality - policy

1. The protection of individual data is regulated by the Law on State Statistics (https://www.stat.mk/en/about-us/legal-acts/law-on-state-statistics/).
2. The basic principles and activities undertaken to ensure data confidentiality are described in the Policy on Statistical Confidentiality (https://www.stat.mk/en/about-us/policies-and-strategies/policy-on-statistical-confidentiality/).

7.2	Confidentiality - data treatment

Pursuant to Article 38 of the Law on State Statistics (https://www.stat.mk/en/about-us/legal-acts/law-on-state-statistics/) and the Policy on Statistical Confidentiality (https://www.stat.mk/en/about-us/policies-and-strategies/policy-on-statistical-confidentiality/), individual data are not published.

All individual or personal data, in each phase of statistical processing, are treated as confidential data and may be used only for statistical purposes. When releasing data from this survey at an aggregated level, there is no need for additional data treatment for the purpose of ensuring confidentiality.

8	Release policy

8.1	Release calendar

The date of data publication is determined in the Advance Release Calendar, which is updated quarterly.

8.2	Release calendar access

https://www.stat.mk/en/publishing-calendar/#/

8.3	User access

All users have equal access to statistics at the same time: this means that the publication dates are announced in advance and no user has access to official statistics before they are published. Statistical data are first published in the "News Releases" edition on the website of the State Statistical Office at 12:00.

9	Frequency of dissemination

Monthly.

10	Accessibility and clarity

10.1	News release

Monthly news release: "Average monthly net wage paid per employee". Number of hits on the website is 48526. https://www.stat.mk/en/stat/population-and-living-conditions/labour-market/average-monthly-net-wage-paid-per-employee/

Monthly news release: "Average monthly gross wage paid per employee". Number of hits on the website is 15760. https://www.stat.mk/en/stat/population-and-living-conditions/labour-market/average-monthly-gross-wage-paid-per-employee/

10.2	Publications

10.3	On-line database

MAKStat - database available on the website of the SSO. The number of hits on the tables from the database is 2903.
https://makstat.stat.gov.mk/PXWeb/pxweb/en/MakStat/MakStat__PazarNaTrud__Plati__MesecnaBrutoNeto/

10.4	Micro-data access

The use of microdata by external users is possible only for research purposes and is done in accordance with the Law on State Statistics (Article 41, Article 42 and Article 43). Access to anonymised microdata is defined by an internal procedure of the State Statistical Office "Access to anonymised microdata for scientific research purposes" (https://www.stat.mk/en/about-us/procedures/rules-for-access-to-anonymised-microdata-for-research-purposes/).

10.5	Other

Survey data are sent to Eurostat and they are released on the web site of this institution.

10.6	Documentation on methodology

Methodological explanations are published on the website of the State Statistical Office. https://www.stat.gov.mk/MetodoloskiObjasSoop_en.aspx?id=40&rbrObl=14

10.7	Quality documentation

A Quality Report is prepared after the final processing and dissemination of the data. The report is prepared in accordance with the internal manuals and is only for internal usage.

11	Quality management

11.1	Quality assurance

The quality of the processes and products in the State Statistical Office is ensured by adhering to the European Statistics Code of Practice (https://www.stat.mk/en/about-us/quality/code-of-practice/) and the Quality Assurance Framework within the European Statistical System (ESS Quality Assurance Framework – https://ec.europa.eu/eurostat/documents/64157/4392716/ESS-QAF-V2.0-final.pdf). The quality criteria are also determined in the Law on State Statistics in Article 4b and Article 4c (https://www.stat.mk/en/about-us/legal-acts/law-on-state-statistics/).

11.2	Quality assessment

12	Relevance

12.1	User needs

External users are various scientific researchers, government instititions and bodies, Public Revenue Office - base for calculation and payment of contributions, Ministry of labor and social policy - for determining the minimum wage, business entities and other users who need these indicators in order to create their policies.

12.2	User satisfaction

Starting from 2009, the State Statistical Office conducts a User Satisfaction Survey every three years.

12.3	Completeness

Considering the indicators required by Regulation. 1165/1998 of the European Commission, SSO provides 100% of them (52 indices).

13	Accuracy and reliability

13.1	Overall accuracy

Data accuracy is ensured by working on additional data comparisons and analysis before dissemination.

13.2	Sampling error

The survey is not conducted on a random sample and therefore there is no calculation of sampling errors.

13.3	Non-sampling error

14	Timeliness and punctuality

14.1	Timeliness

T+37.

14.2	Punctuality

Data are disseminated within the established deadlines in accordance with the Release Calendar.

15	Coherence and comparability

15.1	Comparability - geographical

There is geographical comparability of the released data at national and regional level. With respect to geographical comparability with other EU countries, it is also ensured because data are collected in line with EU regulations.

15.2	Comparability - over time

Time series from January 1991 to 2000 by SCE (previous year = 100). Time series from January 2001 to 2005 in NKD (previous year = 100). Time series from January 2006 to 2010 in NKD Rev. 1 (previous year = 100). Time series from January 2011 in NKD Rev. 2 (2010 = 100) without break in time series. The number of reference periods in the time series since the last break is 168.

15.3	Coherence - cross domain

Cross domain coherence is ensured, compared to data from PRO (Public Revenue Office).

15.4	Coherence - internal

Internal coherence of data is ensured.

16	Cost and burden

17	Data revision

17.1	Data revision - policy

Data revision is made in accordance with the Statistical Data Revision Policy of the SSO: (https://www.stat.mk/en/about-us/policies-and-strategies/data-revision/).

17.2	Data revision - practice

Revision of the data is done by changing the base year and a change of nomenclature.

18	Statistical processing

18.1	Source data

The statistical survey "Monthly statistical survey on employees and wages" (LABOUR.1) is based on a sample. Data on business entities are taken from an administrative source - Public revenue office.

18.2	Frequency of data collection

Data are collected with monthly frequency.

18.3	Data collection

This statistical survey is a sample survey. The sample comprises 9422 business entities, which cover 70% of the employees, in every department of NKD Rev. 2, in each region NUTS 3 and

strata that are selected based on the number of employees. All large and medium business entities were included in the sample, while the rest were randomly selected.

18.4	Data validation

Validation of data is done in accordance with the defined control criteria. Initial inspection of the data is performed by supervisors upon receiving the data gathered from the reporting units and data processed in application (Microsoft Access), which has mathematical and logical controls.

18.5	Data compilation

After data entering in the database, definitive control (mathematical and logical) is carried out in the Central Office, before the calculation and publication. Calculations: The indices are calculated with the previous year as the base year.

18.6	Adjustment

No adjustment is carried out.

19	Comment

A.1	Annexes