

## METHODOLOGICAL NOTES

The publication of **“Incapacity for Work due to Disease or Injury in the Czech Republic in the First Half of 2013”**, code e-3305-13, is included into the thematic group of People and Society – Health care, incapacity for work in the Catalogue of Products of the Czech Statistical Office (CZSO) for 2013.

The publication contains results of **Statistics of Temporary Incapacity for Work due Disease or Injury generated by processing of data from an administrative source of the information system of the Czech Social Security Administration, which the Czech Statistical Office has been providing for since 2012**. The data are measured and published always for the first half of the year and cumulated for the whole year.

**Till 2011 the statistics of temporary incapacity for work due disease or injury was carried out and measured** by a statistical survey on rates of incapacity for work due to disease and injury by means of the state statistical questionnaire **Nem Úr 1-02**, results of which were supplemented with data from the administrative source of the information system of the Czech Social Security Administration (CSSA).

**Reporting units** for the purposes of registration and statistical reporting of the incapacity for work due to disease or injury **have been so far all enterprises with 26+ employees/sickness-insured persons. The data for enterprises with a smaller number** of employees and for self-employed persons without employees were taken from the Czech Social Security Administration.

**The non-response imputation (for not returned questionnaires)** was applied in the **processing of the task of Nem Úr 1-02** (the same way as in every processing for the years since 1997). **All not returned forms of reporting units with 26 and more employees were imputed**. The imputation took no account of there could be multiple places within a certain reporting unit where sickness insurance accounts were settled, i.e. the imputation was carried out for the reporting unit (having an identification number) as a whole.

**Because of reduction of administrative demands and load of reporting units** the statistical questionnaire on incapacity for work due to disease and injury **Nem Úr 1-02 was not included into the Programme of Statistical Surveys for 2012 and was cancelled**.

**Time series and data** measured by the statistical survey on incapacity for work due to disease and injury of **Nem Úr 1-02 can be compared till 2011 only**.

**Following to the termination of the Statistical Survey of Incapacity for Work due to Disease and Injury Nem Úr 1-02**, when the last data measured by this questionnaire were measured for 2011, the Czech Statistical Office worked out an analysis called "Trend in Incapacity for Work due to Disease and Injury in 2004 – 2011", code e-1127-12. This analysis, in its contents, follows the analysis describing previous years called "Trend in Incapacity for Work due to Disease and Injury in 1990 – 2003", code e-1127-05.

**Starting in 2012** the Czech Statistical Office has been providing data for the **Statistics of Temporary Incapacity for Work and Injury by processing of data the administrative data source of the CSSA information system**. Data are measured and published always for the first half of the year and cumulated for the whole year.

**The CSSA information system register cases of** temporary incapacity for work in the CR, which were reported on the CSSA form “Decision on Temporary Incapacity for Work” completed by physicians.

**The Statistics of Temporary Incapacity for Work and Injury** captures all diseases and injuries, which caused at least one-day-long incapacity for work of sickness-insured persons. Therefore it does not include cases of diseases and injuries when “Decision on Temporary Incapacity for Work” was not issued.

**Administrative data in the CSSA information system are reported** for all employees of legal persons as well as natural ones, and separately also for the self-employed persons without employees.

**Members** of the Police of the CR, Fire and Rescue Brigade of the CR, Customs Administration of the CR, Prison Service of the CR, Security Information Service, Office for External Relations and Information, and professional soldiers (Section 5 a) 2 of the Act No. 187/2006 Sb.) **are not measured for the purposes of this statistics.**

**The structure of published statistical outcomes** is similar to that in the previous years but because since 2012 data of the statistics of **“Incapacity for Work due to Disease or Injury”** have been processed from administrative data source of the CSSA information system, some of the former outcomes have no support in data and will not be published anymore.

The following outcomes are available in the form of the current administrative data and data in registers:

- Expenditure for company preventive health care – the data have been newly included into the CZSO statistical surveys for 2012 into the questionnaire ÚNP 4-01; it shall be available from the statistical survey results;
- Compensations and surcharges – the data are available in standard compilations, which the Ministry of Labour and Social Affairs of the CR (MLSA CR) sends for the injury insurance sector of the Ministry of Finance of the CR;
- Categories of jobs according to risk level – the Register of Job Categories (IS KaPr), which is used to register jobs classified to categories by risk level, shall provide this for the MLSA CR;
- Fatal occupational injury rate – the data are on regular basis published in the analysis “Occupational Injury Rate in the Czech Republic“ developed by the Occupational Safety Research Institute, Prague;
- Occupational diseases – the data are annually published in “Occupational Diseases in the Czech Republic“ by the National Institute of Public Health, Prague.

**The publication tables are sorted as follows:**

- all organisations by region and in the CR,
- all organisations by enterprise size (the number of sickness-insured persons),
- all organisations by CZ-NACE activity by region and in the CR,
- all organisations by group of activities of the CZ-NACE by region and in the CR,
- the own-account workers (sickness-insured) by region and in the CR, and
- all organisations by district in the regions of the CR.

**Within respective sections, tables are published as follows:**

- Table 1 Incapacity for work due to disease or injury – absolute data, the number of cases per 100 sickness-insured persons;
- Table 2 Incapacity for work due to disease or injury – relative data;
- Table 3 Incapacity for work due to disease or injury – absolute data, the number of cases per 100 women;
- Table 4 Female incapacity for work due to disease or injury – relative data;
- Table 5 Occupational injury rate of adolescents;
- Table 6 Occupational injuries incurring incapacity for work longer than 3 days;

**Calculation formulas for relative indicators:**

**Cases per 100 sickness-insured persons** = newly notified cases of the incapacity for work x 100 / average number of sickness-insured persons.

**Average case duration in days** = calendar days of the incapacity for work / newly notified cases of the incapacity for work.

**Average percentage of the incapacity for work** = calendar days of the incapacity for work x 100 / (average number of sickness-insured persons x number of calendar days in the reference period).

**Average daily number of persons incapacitated for work** = calendar days of the incapacity for work / number of calendar days in the reference period

### **Symbols and abbreviations in the tables**

- no case registered
- x not applicable
- i. d. individual data