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Publication of the World Statistics on Mining and Utilities

Prepared by United Nations Industrial Development Organization

Report on the first publication of World Statistics on Mining and Utilities

Introduction

1. This report is submitted to the 42nd session of the statistical commission in order to inform delegates about the publication of the *World Statistics on Mining and Utilities* by United Nations Industrial Development Organization (UNIDO).
2. As per the mandate of the Statistics Commission, UNIDO together with OECD collects general industrial statistics data covering mining and quarrying, manufacturing and electricity, gas and water. UNIDO maintains an international industrial statistical database (INDSTAT) and disseminates statistics through its publication the *International Yearbook of Industrial Statistics*. Other media of dissemination include CD products, online data portal *Statistical Country Brief* in UNIDO web-site and posting INDSTAT data in the common international Internet platform *UNdata*.
3. UNIDO publication *International Yearbook of Industrial Statistics* and other statistical products, including INDSTAT, have so far covered only the manufacturing sector. Data pertaining to mining and utility sectors, collected by UNIDO, were transferred to UNSD for its use in compilation of national accounts. There was no other publication on statistics of mining and utility sectors.
4. In recent years, the demand of mining and utility data has grown, particularly in the context of increasing importance of statistics of energy production sectors. Statistics on mining and utilities covers such sectors as production of coal, crude petroleum, natural gas and production and distribution of electricity. Many international data users have contacted UNIDO Statistics with the request of cross-country data on these sectors. In response, UNIDO, in consultation with UNSD, has decided to compile the mining and utility data for worldwide dissemination and has released its first publication of the *World Statistics on Mining and Utilities* in October 2010¹. Copies of this publication have already been sent to National Statistical Offices (NSOs) with the request for comments and feedback. NSOs are further encouraged to return the general industrial statistics questionnaire and the supplements for mining and utilities with the recent survey data.

Sources and methods

¹ The publication was released on the occasion of the first ever World Statistics Day on 20.10.2010.

5. The statistics of mining and utilities are compiled from the data collected by UNIDO from NSOs as well as those obtained from OECD (for OECD member countries). The publication presents the country data on major indicators of statistics of mining and utilities at the 3-digit level of International Standard Industrial Classification of All Economic Activities (ISIC), revision 3. The primary source of data at the country level is mostly the annual industrial survey which defines the coverage of data for the reporting country.
6. Data on total value added of mining and utilities based on national accounts concepts are obtained from international sources, including UNSD national accounts main aggregates. These data are also supplemented with UNIDO estimates in the computation of contribution of the mining and utility sectors to GDP.
7. For most countries and areas, data presented in the publication represent the activities of “establishments” in the specified industries. In few cases, statistical unit was an enterprise or “local unit” or “kind of activity unit” of an enterprise. Data, in general, relate to the calendar year. The definition of statistical unit, reference period and other attributes correspond to the *International Recommendations for Industrial Statistics*.
8. Data are reported for; i) number of establishments/enterprises, ii) number of persons engaged/employees, iii) wages and salaries paid to employees, iv) output, and v) value added. The definition of these indicators applied to the statistics of mining and utilities correspond to those described in the *International Yearbook of Industrial Statistics* published by UNIDO since 1995. In both cases, the measure of output, normally used in the tables, covers only activities of an industrial nature. Valuation of gross output and value added is done for most of the countries at basic prices. Other methods of valuation reported are: (a) at factor costs, which excludes all indirect taxes falling on production and includes all current subsidies received in support of production activities; and (b) at producers’ prices, which includes all indirect taxes except VAT, or any other deductible taxes and excludes all subsidies.

Structure and content of the publication

9. The publication comprises the description of sources and methods, classification of mining and utility activities, country groups and statistical tables in two parts. Part I, Summary Tables, shows the worldwide distribution of value added of mining and utility sectors. This part also presents the growth rates and shares of value added of mining and utilities by geographical regions and development groups. Data for Part I were obtained from various national and international sources including UNSD. Data from external sources were supplemented with estimates made by UNIDO statisticians.
10. The Part II presents the country tables for the above described indicators. Data for this part was collected directly from NSOs except for the OECD member countries, for which data were collected by OECD and provided to UNIDO. Information is solicited through a questionnaire issued jointly by the two organizations. Statistical methods applied to data collection and compilation were identical to those related to the publication of the *International Yearbook of Industrial Statistics*.

11. The publication covers detail business structure data of mining and utility sectors for 61 countries. Total value added data covers 160 countries which are presented at aggregated level by development group of countries and geographical regions. The selection criterion of countries for inclusion was the availability of data for last 3 years.

Future publication

12. UNIDO is planning to continue this publication in coming years on a bi-annual basis. An electronic version of this product will also be prepared for global dissemination.

Acknowledgements

13. UNIDO expresses its sincere gratitude to all NSOs for their reporting of national data on mining and utility sectors, which made this publication possible. Publication of the World Statistics on Mining and Utilities in addition to the International Yearbook of Industrial Statistics completes the coverage of industrial statistics disseminated worldwide. UNIDO also appreciates cooperation of OECD in providing country data for OECD member-countries and UNSD for transferring the past years data.