

### **Table 23 - Demographic Yearbook 2011**

Table 23 presents the number of marriages and crude marriage rates by urban/rural residence for every year with available data between 2007 and 2011.

Description of variables: Marriage is defined as the act, ceremony or process by which the legal relationship of husband and wife is constituted. The legality of the union may be established by civil, religious or other means as recognized by the laws of each country<sup>1</sup>.

Marriage statistics in this table, therefore, include both first marriages and remarriages after divorce, widowhood or annulment. They do not, unless otherwise noted, include resumption of marriage ties after legal separation. These statistics refer to the number of marriages performed, and not to the number of persons marrying.

Statistics shown are obtained from civil registers of marriage. Exceptions, such as data from church registers, are identified in footnotes.

The urban/rural classification of marriages is that provided by each country or area; it is presumed to be based on the national census definitions of urban population which have been set forth at the end of the technical notes for table 6.

For certain countries, there is a discrepancy between the total number of marriages shown in this table and those shown in subsequent tables for the same year. Usually this discrepancy arises because the total number of marriages occurring in a given year is revised although the remaining tabulations are not.

Rate computation: Crude marriage rates are the annual number of marriages per 1 000 mid-year population. Rates by urban/rural residence are the annual number of marriages, in the appropriate urban or rural category, per 1 000 corresponding mid-year population. Rates presented in this table have been limited to those for countries or areas having at least a total of 30 marriages in a given year. These rates are calculated by the Statistics Division of the United Nations based on the appropriate reference population (for example: total population, nationals only etc.) if known and available. If the reference population is not known or unavailable the total population is used to calculate the rates. Therefore, if the population that is used to calculate the rates is different from the correct reference population, the rates presented might under- or overstate the true situation in a country or area.

Reliability of data: Each country or area has been asked to indicate the estimated completeness of the number of marriages recorded in its civil register. These national assessments are indicated by the quality codes "C" and "U" that appear in the first column of this table.

"C" indicates that the data are estimated to be virtually complete, that is, representing at least 90 per cent of the marriages occurring each year, while "U" indicates that data are estimated to be incomplete, that is, representing less than 90 per cent of the marriages occurring each year. The code "..." indicates that no information was provided regarding completeness.

Data from civil registers which are reported as incomplete or of unknown completeness (coded "U" or "...") are considered unreliable. They appear in italics in this table; rates are not computed for these data.

These quality codes apply only to data from civil registers. For more information about the quality of vital statistics data in general, see section 4.2 of the Technical Notes.

Limitations: Statistics on marriages are subject to the same qualifications that have been set forth for vital statistics in general and marriage statistics in particular as discussed in section 4 of the Technical Notes.

The fact that marriage is a legal event, unlike birth and death that are biological events, has implications for international comparability of data. Marriage has been defined, for statistical purposes, in terms of the laws of individual countries or areas. These laws vary throughout the world. In addition, comparability is further limited because some countries or areas compile statistics only for civil marriages although religious marriages may also be legally recognized; in other countries or areas, the only available records are church registers and, therefore, the statistics may not reflect marriages that are civil marriages only.

Because in many countries or areas marriage is a civil legal contract which, to establish its legality, must be celebrated before a civil officer, it follows that for these countries or areas registration would tend to be almost automatic at the time of, or immediately following, the marriage ceremony. This factor should be kept in mind when considering the reliability of data, described above. For this reason the practice of tabulating data by date of registration does not generally pose serious problems of comparability as it does in the case of birth and death statistics.

As indicators of family formation, the statistics on the number of marriages presented in this table are bound to be deficient to the extent that they do not include either customary unions, which are not registered even though they are considered legal and binding under customary law, or consensual unions (also known as extra-legal or de facto unions). In general, lower marriage rates over a period of years are an indication of higher incidence of customary or consensual unions.

In addition, rates are affected also by the quality and limitations of the population estimates that are used in their computation. The problems of under-enumeration or over-enumeration and, to some extent, the differences in definition of total population have been discussed in section 3 of the Technical Notes dealing with population data in general, and specific information pertaining to individual countries or areas is given in the footnotes to table 3.

Strict correspondence between the numerator of the rate and the denominator is not always obtained; for example, marriages among civilian and military segments of the population may be related to civilian population. The effect of this may be to increase the rates, but, in most cases, this effect is negligible.

It should be emphasized that crude marriage rates like crude birth, death and divorce rates, may be seriously affected by the age-sex-marital structure of the population to which they relate. Crude marriage rates do, however, provide a simple measure of the level and changes in marriage.

The comparability of data by urban/rural residence is affected by the national definitions of urban and rural used in tabulating these data. It is assumed, in the absence of specific information to the contrary, that the definitions of urban and rural used in connection with the national population census were also used in the compilation of the vital statistics for each country or area. However, it cannot be excluded that, for a given country or area, different definitions of urban and rural are used for the vital statistics data and the population census data respectively. When known, the definitions of urban in national population censuses are presented at the end of the technical notes for table 6. As discussed in detail in the notes, these definitions vary considerably from one country or area to another.

In addition to problems of comparability, marriage rates classified by urban/rural residence are also subject to certain special types of bias. If, when calculating marriage rates, different definitions of urban are used in connection with the vital events and the population data, and if this results in a net difference between the numerator and denominator of the rate in the population at risk, then the marriage rates would be biased. Urban/rural differentials in marriage rates may also be affected by whether the vital events have been tabulated in terms of place of occurrence or place of usual residence. This problem is discussed in more detail in section 4.1.4.1 of the Technical Notes.

Earlier data: Marriages and crude marriage rates have been shown in each issue of the *Demographic Yearbook*. For more information on specific topics, and years for which data are reported, readers should consult the Historical Index.

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## NOTES

<sup>1</sup> *Principles and Recommendations for a Vital Statistics System Revision 2*, Sales No. E. 01.XVII.10, United Nations, New York, 2001