**Annex 1: Civil registration variables**

Source: Table III.1, pp. 18-19, UN Principles and Recommendations.

Definitions and specifications are presented in Chapter III.D, pp. 24-48, P&R. Core topics are indicated by boldface (from P&R).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | | **Birth registration variables** | | | | |
| **Number** | **Topic** | | **Available from CR of births** | **Available from other sources** | **Not available** | **Year(s) available** |
| (i) | **Characteristic of the event** | |  |  |  |  |
| a | **Date of occurrence** | |  |  |  |  |
| b | **Date of registration** | |  |  |  |  |
| c | **Place of occurrence** | |  |  |  |  |
| d | **Locality of occurrence** | |  |  |  |  |
| e | **Urban/rural occurrence** | |  |  |  |  |
| f | **Place of registration** | |  |  |  |  |
| g | **Type of birth (i.e., single, twin, triplet, quadruplet or higher-multiple delivery)** | |  |  |  |  |
| h | **Attendant at birth** | |  |  |  |  |
| i | Type of place of occurrence (hospital, home, etc.) | |  |  |  |  |
| (ii) | **Characteristics of the newborn** | |  |  |  |  |
| a | **Sex** | |  |  |  |  |
| b | **Weight at birth** | |  |  |  |  |
| (iii) | **Characteristics of the mother** | |  |  |  |  |
| a | **Date of birth** | |  |  |  |  |
| b | **Age** | |  |  |  |  |
| c | **Marital status** | |  |  |  |  |
| d | **Child born in wedlock (legitimacy status of the child)** | |  |  |  |  |
| e | **Educational attainment** | | **?** |  |  |  |
| f | Literacy status | |  |  |  |  |
| g | Ethnic and/or national group | |  |  |  |  |
| h | Citizenship | |  |  |  |  |
| i | Economic activity status | |  |  |  |  |
| j | Usual occupation | |  |  |  |  |
| k | Socioeconomic status | |  |  |  |  |
| l | **Place of usual residence** | |  |  |  |  |
| m | **Locality of residence** | |  |  |  |  |
| n | **Urban/rural residence** | |  |  |  |  |
| o | **Duration of residence in usual place** | |  |  |  |  |
| p | Place of previous residence | |  |  |  |  |
| q | **Place/country of birth** | |  |  |  |  |
| r | **Migrant status** | |  |  |  |  |
| s | Date of last menstrual cycle of the mother | |  |  |  |  |
| t | Gestational age | |  |  |  |  |
| u | Number of prenatal visits | |  |  |  |  |
| v | Month of pregnancy prenatal care began | |  |  |  |  |
| w | **Children born alive to mother during her entire lifetime** | |  |  |  |  |
| x | **Birth order or parity** | |  |  |  |  |
| y | Foetal deaths to mother during her entire lifetime | |  |  |  |  |
| z | Date of last previous live birth | |  |  |  |  |
| aa | **Foetal deaths to mother during her entire lifetime** | |  |  |  |  |
| ab | **Date of last previous live birth** | |  |  |  |  |
| ac | **Interval since last previous live birth** | |  |  |  |  |
| ad | **Date of marriage** | |  |  |  |  |
| ae | **Duration of marriage** | |  |  |  |  |
| (iv) | **Characteristics of the father (if known)** | |  |  |  |  |
| a | **Date of birth** | |  |  |  |  |
| b | **Age** | |  |  |  |  |
| c | **Marital status** | |  |  |  |  |
| d | **Educational attainment** | | **?** |  |  |  |
| e | Literacy status | |  |  |  |  |
| f | Ethnic and/or national group | |  |  |  |  |
| g | Citizenship | |  |  |  |  |
| h | Economic activity status | |  |  |  |  |
| i | Usual occupation | |  |  |  |  |
| j | Socioeconomic status | |  |  |  |  |
| k | **Place of usual residence** | |  |  |  |  |
| l | **Locality of residence** | |  |  |  |  |
| m | **Urban/rural residence** | |  |  |  |  |
| (v) | **Characteristics of population at risk** | | See P&R p. 48 | |  |  |
|  |  | |  |  |  |  |
|  | **Death registration variables** | |  |  |  |  |
| **Number** | **Topic** | | **Available from CR of deaths** | **Available from other sources** | **Not available** | **Year(s) available** |
| (i) | **Characteristics of the event** | |  |  |  |  |
| a | **Date of occurrence** | |  |  |  |  |
| b | **Date of registration** | |  |  |  |  |
| c | **Place of occurrence** | |  |  |  |  |
| d | **Locality of occurrence** | |  |  |  |  |
| e | **Urban/rural occurrence** | |  |  |  |  |
| f | **Place of registration** | |  |  |  |  |
| g | **Cause of death** | |  |  |  |  |
| h | Manner of death | |  |  |  |  |
| i | Whether autopsy findings were used to establish cause of death | |  |  |  |  |
| j | Death occurring during pregnancy, childbirth and puerperium (for females 15-49 years of age) | |  |  |  |  |
| k | **Certifier** | |  |  |  |  |
| l | **Type of certification** | |  |  |  |  |
| m | Type of place of occurrence (hospital, home, etc.) | |  |  |  |  |
| (ii) | **Characteristics of the decedent** | |  |  |  |  |
| a | **Date of birth** | |  |  |  |  |
| b | **Age** | |  |  |  |  |
| c | **Sex** | |  |  |  |  |
| d | **Marital status** | |  |  |  |  |
| e | Educational attainment | |  |  |  |  |
| f | Literacy status | |  |  |  |  |
| g | Ethnic and/or national group | |  |  |  |  |
| h | Citizenship | |  |  |  |  |
| i | Economic activity status | |  |  |  |  |
| j | Usual occupation | |  |  |  |  |
| k | Socioeconomic status | |  |  |  |  |
| l | Whether birth was registered (for deaths under 1 year of age) | |  |  |  |  |
| m | Born in wedlock (for deaths under 1 year of age) | |  |  |  |  |
| n | Legitimacy status (for deaths under 1 year of age) | |  |  |  |  |
| o | **Place of usual residence** | |  |  |  |  |
| p | **Place of usual residence of the mother (for deaths under 1 year of age)** | |  |  |  |  |
| q | **Locality of residence** | |  |  |  |  |
| r | **Urban/rural residence** | |  |  |  |  |
| s | Duration of residence in usual (present) place | |  |  |  |  |
| t | Place of previous residence | |  |  |  |  |
| u | Place of birth | |  |  |  |  |
| v | Migrant status | |  |  |  |  |
| (iii) | **Characteristics of population at risk** | | See P&R p. 48 | |  |  |
|  |  | |  |  |  |  |
|  | **Foetal death registration variables** | |  | |  |  |
| **Number** | **Topic** | | **Available from CR of births** | **Available from other sources** | **Not available** | **Year(s) available** |
| (i) | **Characteristics of the event** | |  |  |  |  |
| a | **Date of occurrence (of foetal delivery)** | |  |  |  |  |
| b | **Date of registration** | |  |  |  |  |
| c | **Place of occurrence** | |  |  |  |  |
| d | **Locality of occurrence** | |  |  |  |  |
| e | **Urban/rural occurrence** | |  |  |  |  |
| f | **Place of registration** | |  |  |  |  |
| g | Type of birth (i.e., single, twin, triplet, quadruplet, or higher-multiple delivery) | |  |  |  |  |
| h | Attendant at birth | |  |  |  |  |
| i | Certifier | |  |  |  |  |
| j | Type of certification | |  |  |  |  |
| k | Cause of foetal death | |  |  |  |  |
| l | Type of place of occurrence (hospital, home, etc.) | |  |  |  |  |
| (ii) | **Characteristics of the foetus** | |  |  |  |  |
| n | **Sex** | |  |  |  |  |
| a | Delivered in wedlock | |  |  |  |  |
| b | Legitimacy status | |  |  |  |  |
| c | Weight at delivery | |  |  |  |  |
| d | Date of last menstrual period of the mother | |  |  |  |  |
| e | Gestational age | |  |  |  |  |
| (iii) | **Characteristics of the mother** | |  |  |  |  |
| a | **Date of birth** | |  |  |  |  |
| b | **Age** | |  |  |  |  |
| c | Number of prenatal visits | |  |  |  |  |
| d | **Children born alive to mother during her entire lifetime** | |  |  |  |  |
| e | **Birth order or parity** | |  |  |  |  |
| f | Children born to mother during her entire lifetime and still living | |  |  |  |  |
| g | **Foetal deaths to mother during her entire lifetime** | |  |  |  |  |
| h | **Date of last previous live birth** | |  |  |  |  |
| i | **Interval since last previous live birth** | |  |  |  |  |
| j | **Date of marriage** | |  |  |  |  |
| k | **Duration of marriage** | |  |  |  |  |
| l | Educational attainment | |  |  |  |  |
| m | Literacy status | |  |  |  |  |
| n | Economic activity status | |  |  |  |  |
| o | Usual occupation | |  |  |  |  |
| p | Socioeconomic status | |  |  |  |  |
| q | Ethnic and/or national group | |  |  |  |  |
| r | Citizenship | |  |  |  |  |
| s | **Place of usual residence** | |  |  |  |  |
| t | **Locality of residence** | |  |  |  |  |
| u | **Urban/rural residence** | |  |  |  |  |
| v | Duration of residence in usual (present) place | |  |  |  |  |
| x | Place of previous residence | |  |  |  |  |
| y | Place of birth | |  |  |  |  |
| z | Migrant status | |  |  |  |  |
| (iv) | **Characteristics of the father** | |  |  |  |  |
| a | **Date of birth** | |  |  |  |  |
| b | **Age** | |  |  |  |  |
| c | Education attainment (30) ¦ | |  |  |  |  |
| d | Literacy status (31) ¦ | |  |  |  |  |
| e | Economic activity status (34) ¦ | |  |  |  |  |
| f | Usual occupation (35) ¦ | |  |  |  |  |
| g | Socioeconomic status | |  |  |  |  |
| h | **Place of usual residence** | |  |  |  |  |
| i | **Locality of residence** | |  |  |  |  |
| j | **Urban/rural residence** | |  |  |  |  |
| k | Duration of residence in usual (present) place | |  |  |  |  |
| l | Place of previous residence | |  |  |  |  |
| m | Place of birth | |  |  |  |  |
| n | Migrant status | |  |  |  |  |
| o | Ethnic and/or national group | |  |  |  |  |
| p | Citizenship | |  |  |  |  |
| (v) | **Characteristics of population at risk** | | See P&R p. 48 | |  |  |
|  |  | |  |  |  |  |

**A2.2 Live births tables**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Table num­ber** | **Num­ber in P&R** | **Table content** | **Pos­­sible: Yes/ No** | **Possible if CR data are com­­bined with data from other sources** | **Year(s)** |
|  |  | **First priority tables** |  |  |  |
| 4.1 | IB-1 | Total number of live births by sex, incl. sex ratio at birth and site of delivery1 |  | yes |  |
| 4.2 | ST-3 | Live births by place of residence1 and urban–rural residence of the mother1 |  | yes |  |
| 4.3 | LB-9 | Live births by age of mother (15-19, 20-24 … 45-49) |  | Yes |  |
| 4.4 | LB-1 | Live births by place of occurrence and sex of child1 |  | Yes |  |
| 4.5 | LB-2 | Live births by place of occurrence and place of usual residence of mother |  |  |  |
|  |  | **Second priority tables** |  |  |  |
|  | LB-3 | Live births by place of registration, month of occurrence and month of registration |  | **Yes** |  |
|  | LB-9 | Live births by place of usual residence and age of mother, sex of child and live-birth order |  |  |  |
|  | LB-11 | Live births by place of birth, place of usual residence and age of mother |  |  |  |
|  | LB-13 | Live births by place of occurrence, site of delivery and attendant at birth |  |  |  |
|  | LB-4 | Live births by month, place of occurrence and place of usual residence of mother |  |  |  |
|  | LB-5 | Live births by age, place of usual residence and marital status of mother |  |  |  |
|  | LB-6 | Live births by age of father |  |  |  |
|  | LB-7 | Live births by place of usual residence, age and educational attainment of mother |  |  |  |
|  | LB-8 | Live births by educational attainment and age of mother, and live-birth order |  |  |  |
|  | LB-10 | Live births by live-birth order and interval between last and previous live births to mother |  |  |  |
|  | LB-12 | Live births by place of usual residence and age of mother and legitimacy status |  |  |  |
|  | LB-14 | Live births by site of delivery, attendant at birth and birth weight |  |  |  |
|  | LB-15 | Live births by birth weight and place of usual residence and educational attainment of mother |  |  |  |
|  | LB-16 | Live births by gestational age, place of usual residence of mother and birth weight |  |  |  |
|  | LB17- | Live births by birth weight, place of usual residence of mother and month in which prenatal care began |  |  |  |
|  | LB-18 | Live births by age and place of usual residence of mother and month in which prenatal care began |  |  |  |
|  | LB-19 | Live births by live-birth order, place of usual residence of mother and month in which prenatal care began |  |  |  |
|  | LB-20 | Live births by place of usual residence of mother and duration of residence at the LB-current usual residence |  |  |  |

1 May also include the sex ratio at birth.

**Table A2.3. Indicators of Live Births**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Table num­ber** | **Number in Guide­lines** | **Table content** | **Pos­­sible: Yes/ No** | **Possible if CR data are com­­bined with data from other sources** | **Year(s)** |
|  |  | **First priority tables** |  |  |  |
|  | IB-1 | Crude Birth Rate (CBR) |  | Yes |  |
|  | IB-2 | Age-specific Birth Rates (ASBR) for 5-year age groups |  | Yes |  |
|  | IB-3 | Total Fertility Rate (TFR) |  | Yes |  |
|  |  | **Second priority tables** |  |  |  |
|  | IB-4 | General Fertility Rate (GFR) |  |  |  |
|  | IB-5 | Net Reproduction Rate (NRR) |  |  |  |
|  | IB-6 | Mean (or median) age at childbearing |  |  |  |
|  | IB-7 | Mean (or median) age at first birth |  |  |  |
|  | IB-8 | Proportion of births born in marriage |  |  |  |
|  | IB-9 | Children Ever Born |  |  |  |

**A2.4 Death tables**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Table num­ber** | **Num­ber in P&R** | **Table content** | **Pos­­sible: Yes/ No** | **Possible if CR data are com­­bined with data from other sources** | **Year(s)** |
|  |  | **First priority tables** |  |  |  |
|  | DE-1 | Deaths by place of usual residence and sex of decedent |  | Yes |  |
|  | DE-2 | Deaths by place of occurrence and place of usual residence and sex of decedent |  |  |  |
|  | DE-4 | Deaths by place of registration, month of occurrence and month of registration |  | Yes |  |
|  | DE-5 | Deaths by place of occurrence and site of occurrence |  |  |  |
|  | DE-6 | Deaths by place of usual residence, age and sex of decedent |  |  |  |
|  |  | **Second priority tables** |  |  |  |
|  | DE-3 | Deaths by month and place of occurrence and place of usual residence of decedent |  |  |  |
|  | DE-7 | Deaths by age, sex, place of usual residence and marital status of decedent |  |  |  |
|  | DE-8 | Deaths by place of usual residence, age, sex and educational attainment of decedent |  |  |  |
|  | DE-9 | Deaths by sex, cause of death, place of usual residence and age of decedent |  |  |  |
|  | DE-10 | Deaths by month of occurrence and cause of death |  |  |  |
|  | DE-11 | Deaths by place of occurrence, sex of decedent and type of certification |  |  |  |
|  | DE-12 | Maternal deaths by cause of death and age of woman |  |  |  |
|  | DE-13 | Deaths by age and type of usual activity of decedent |  |  |  |

**A2.5 Indicators of deaths tables**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Table num­ber** | **Num­ber in P&R** | **Table content** | **Pos­­sible: Yes/ No** | **Possible if CR data are com­­bined with data from other sources** | **Year(s)** |
|  |  | **First priority tables** |  |  |  |
|  | ID-1 | Total number of deaths by sex |  | **Yes** |  |
|  | ID-2 | Crude Death Rate (CDR) |  | Yes |  |
|  | ID-3 | Infant Mortality Rate (IMR) |  | Yes |  |
|  | ID-4 | Under 5 Mortality Rate (U5MR) |  | Yes |  |
|  | ID-5 | Maternal Mortality Rate (MMR) |  | Yes |  |
|  | ID-6 | Age-specific Death Rates (mx) for 5-year age groups by sex |  | Yes |  |
|  | ID-7 | Life expectancy at birth (e0) |  | Yes |  |
|  |  | **Second priority tables** |  |  |  |
|  | ID-8 | Life table for each sex |  | Yes |  |