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**SOURCES AND DEMOGRAPHIC DATA IN THE SFRY-
AVAILABILITY AND COMPARABILITY
(1947 – 1990)**

(Séance / Session 1)

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Sources et données démographiques dans la République Socialiste Fédérative de Yougoslavie (RSFY)
– disponibilité et comparabilité
(1947 – 1990)

Résumé: Les sources des données démographiques en RSFY sont les recensements de la population (1948, 1953, 1961, 1971 и 1981.) ainsi que les enquêtes sur les naissances et décès, sur les mariages et divorces. Les résultats des statistiques de l'état civil sont publiés depuis 1947. Les estimations de la population au milieu de l'année sont calculées sur les résultats du recensement de la population et sur les données sur l'accroissement naturel, disponibles depuis 1948. Les données démographiques en RSFY sont présentées selon la répartition administrative et territoriale actuelle à l'époque de l'année de référence. A partir de 1953, on organise des enquêtes post-censitaires sur la qualité des données et la couverture des unités de recensement. Les solutions méthodologiques pour les recensements de la population ont été fondées sur les recommandations internationales, tandis que la méthodologie pour les statistiques de l'état civil a été entièrement harmonisée avec celle du recensement.

Mots clé: recensements de la population, statistiques de l'état civil, disponibilité des données, comparabilité territoriale et méthodologique

Sources and demographic data in the SFRY- availability and comparability
(1947 – 1990)

Abstract: Basic sources of demographic data in the SFRY are population censuses (1948, 1953, 1961, 1971 и 1981.), as well as surveys on live births and deceased persons, marriages and divorces. Results of the Vital Statistics survey have been published since 1947. Estimations of population in the middle of the year, calculated on the basis of population census results and data on natural increase have been disposable since 1948. Demographic data in the SFRY are stated according to valid administrative-territorial division in the observation year. Since the Census 1953 post-Census surveys on data quality and enumeration units coverage are being conducted. Methodological solutions in the population censuses are based on international recommendations, and Vital Statistics methodology is fully harmonized with the census methodology.

Key words: population censuses, Vital Statistics, data availability, territorial and methodological comparability.

Availability

1. Data sources. Basic data sources in the Population Statistics are population censuses and regular annual surveys on live births and deaths, marriages and divorces and internal migrations.

Population **Censuses** in the SFRY are being conducted, except the first two after-war censuses (1948 and 1953), in ten-year dynamics, according to the United Nations recommendations: in 1961, 1971 and 1981.

Data on **live births and deaths as well as marriages and divorces** are being submitted to Statistics by registrars. In the period from 1947 to 1949 the State Statistical Bureau collected data on the basis of summary monthly reviews that included only data on the total number of live births and deaths by sex and the total number of marriages. For the mentioned period the vital statistics dispose of data stated according to the place and time of event and since 1950 data processing started on the basis of individual statistical forms on live births, deaths and marriages. All data of the Vital Statistics were processed according to the principle of permanent residence, what suited the conception of permanent population that was applied in the population censuses.

Regular statistical monitoring of permanent population's migrations inside the SFRY, on the basis of statistical form – statement of migration, was established in 1988. But, data processing was not performed until 1991. Data on populations' migrations are being submitted to the Statistics by the Ministry of Internal Affairs.

As other sources of demographic data we can mention also population register, that existed only in the Republic of Slovenia and in several cities in other Republics (Belgrade, Osijek), as well as several surveys conducted in this period, where the observation units were a person or a household.¹

2. Data availability. Census results are published in census books, communications and bulletins, as well as in documentation tables. Census results from 1981 are available in electronic form, and there is a process regarding establishing data basis for Censuses in 1961, 1971 and 1981 underway. Also, data on national affiliation for censuses from 1948 – 1971 are available.

The Vital Statistics results are published in regular statistical publications, studies and annual communications. A special publication of the Vital Statistics *Demographic Yearbook*, that has been published since 1950, contains the most detailed review of vital events. Beside the data published, the documentation tables are disposable, too.

Estimates of total population by sex and age (middle of the year) have been produced at the Federal Statistical Office since 1948. The estimates have being produced for each year, including the enumeration year, and they have being published in regular and special publications. They have been published in the form of the regular publication of the Vital Statistics *Population Estimates by Sex and Age* for the level of Republics (state as of the middle of the year and place, respectively the beginning of the year) since 1981. That year estimates for the level of municipalities were published in a special publication, too, that were also classified into the regular program of the Vital Statistics publishing.

In 1991 an irregular publication *Population Estimates by Sex, Age and type of Settlement* (urban and non-urban settlements) was published, too, for the period 1981 - 1988, with state as of the middle of the year. Estimates of population according to national affiliation were not produced.

¹ Surveys in the Population Statistics were conducted in 1970 and 1976. These were surveys on fertility and family planning where married women in Yugoslavia were included. As a five-years survey with a one-years rotation a Household Budget Survey was conducted from 1983, too.

3. Territorial coverage

3.1. Census Enumeration data are stated on different territorial levels (settlement, municipality, county, Republic/Province) according to the valid political-territorial distribution in the period of census's conduction. On the level of settlements, as the lowest territorial distribution, enumeration data have been disposable since 1948.

3.2. Vital Statistics The Vital Statistics data are also stated on different territorial levels according to the valid administrative- territorial distribution in the observation year. Data on live births, deaths and marriages are disposable on the level of the State, Republic/Province, counties and cities², and since 1955 also by municipalities. On the level of settlements, data for live births and deaths have been stated since 1963, and for marriages, on the level of settlements, they have been stated for the period 1960-1962.

4. Data quality, presentation of details and accuracy

4.1. Census

Each following census was overcoming the previous one by its complexity. By the first Census in the after-war Yugoslavia (in **1948**), only data on number and basic structures of population were collected. In the Census **1953** a special attention was paid to biologically- fertile and economic characteristics, by which the basis for detailed analysis of demographic phenomena and processes was made as well as for establishing trends of population development. In the Census **1961** the accent was put on economic characteristics of population, so in that direction the program was extended in relation to the Census 1953.

Census in **1971** had a contents that also reminded of the contents, similar to the previous censuses, but for the first time it provided data on number and structure of our citizens working temporarily abroad, on phenomenon that took a broader scale after 1965.

In the Census **1981** not only data on Yugoslav citizens working/residing temporarily abroad were collected but also data on persons that returned from temporary work abroad. Also, more detailed data on households' agricultural funds were collected.

Until the Census 1981 data on households' family composition and households' certain characteristics were collected on the basis of the sample, and since the Census 1981 the coverage is full.

Post-census *surveys on data quality as well as on coverage control of enumeration units are conducted* by the sample method, starting from the Census 1953. Results of the post-census surveys showed that in the 1953 Census 0,006% more inhabitants were enumerated, and in the 1961 Census 0,4% less inhabitants were enumerated. Also, in the Census 1971 0,8% less inhabitants were enumerated, while in the Census 1981, according to the results of the coverage control of permanent inhabitants, that should have been enumerated, the total percentage of the enumerated was 98.9%.

4.2. Vital Statistics - review by characteristics

Since 1950 data on *live births* have been stated by sex and vitality, number of children, born by a mother, child birth order, place of birth (hospital/outside the hospital), marital status, as well as data on mother and father: age, national affiliation, education and socio-economic characteristics. Age of mother is stated by certain age and five years periods (from 'below 15 година' up to '55 years and over').

². Cities are units that are, according to the valid legal regulations, defined as cities, independently of geographical or economic comprehension of city and its borders. All other administrative units are considered to be counties. That territorial distribution was valid until 1962.

Data for *deaths* have been stated from 1950: by sex, age (ten-years and five-years age groups and for children under 10 years by certain age), month of death, marital status (starting from 1951), activity, educational attainment, nationality, and cause of death³. Since 1949 exist data on infant deaths by sex and since 1951 data on infant deaths according to mother's age and marital status have also been collected. Data according to the cause of death until 1971 have been shown on the level of Republics and Provinces, and since 1972 on the level of municipality, too (Municipality's list of 28 causes of deaths). The data quality on cause of death was also changing through the observation period. Namely, data on cause of death on the basis of individual statistical forms have been collected in the SFRY starting from 1950, and data were processed according to the main cause of death.⁴ Until 1980, according to a Physician's Report⁵, for a large number of deaths, there were no data obtained, what resulted in a large share of insufficiently defined conditions.

Data on *marriages* according to the age of bride and groom, previous marital status, marriage by order, month of conclusion of marriage, have been disposable since 1950. Marriages according to the national affiliation of bride and groom have also been monitored since 1950 but they are not available for periods: 1954-1955 and 1966-1969. Since 1956 marriages have also been monitored according to the characteristic - the highest educational attainment, and data on total number of first marriages are also disposable. However, data on first marriages according to the age of bride and groom are not disposable for the period 1966-1969.

For *estimation of number of inhabitants* by sex and age group in the mid-reference year, data on population by sex and calendar year of birth have been used (obtained on the basis of population census), as well as data on natural changes of population for the year for which the estimates are made: data on deaths by sex and calendar year of birth and number of live births by sex.

Results of the Vital Statistics coverage control, performed by the sample method at the end of 1955, showed that already since 1953 almost complete coverage was achieved for all basic vital events. Non-coverage was present in certain parts of the country only in cases of perinatal mortality registration (stillbirths and early neonatal deaths). The following survey on coverage's completeness in statistics of live births and deaths, conducted in the period 1967 – 1970, showed a different coverage level by Republics and Autonomous Provinces. The lowest coverage level was recorded in Bosnia and Herzegovina, Montenegro and Kosovo and Metohia, and the highest in Slovenia.

Comparability

1. Territorial comparability In the period 1948 – 1990 the only change of external borders of Yugoslavia happened in 1954. On that occasion the area of Yugoslavia increased for parts of counties Koper and Buje⁶. From the other hand, administrative- territorial changes inside the borders of Yugoslavia were happening frequently. Size and number of counties, municipalities⁷ and settlements was changing, and in the period 1954-1958 the administrative borders were moved among Republics: between Croatia and Slovenia,

³ Data on cause of death are processed for the level of the State and the National Republics. FNRJ used statistical classification of diseases, injuries and causes of death (ICD from 1948 «A» list), but in practice it was not possible to state reliable, precise cause of death for every deceased person. That is why the data were stated only according to 25 groups from the mentioned nomenclature. Data on cause of death were much more reliable in cities, where death was stated by a physician. Since 1952 data have been delivered also for the so called tabular area. For inclusion of a certain area into the tabular area it was necessary for at least 80% of causes of death to dispose of Report on death issued by a physician who was treating a deceased person. Since a prerequisite for issuing of a Physician's Report was an organized health service, only the urban and industrial settlements were fulfilling that prerequisite, respectively tabular areas were covering the territory where the fifth of the population lived on the territory of Yugoslavia in 1952, and they were covering only 15% of totally deceased persons. For the tabular areas 267 causes of death were stated and for them classification of infant's causes of death was more detailed (72 causes). The tabular areas were not considered to be representative. Since 1979 ICD 9 is being applied.

⁴ Data on cause of death was taken over from the « Physician's report on cause of death ».

⁵ Data on cause of death have not been obtained by a physician, but on the basis of a person who registered death.

⁶ Became a part of Yugoslavia on the basis of the London Agreement from October 1954.

⁷ In the inter-census period 1953 – 1961, number of counties and municipalities was reduced to less than one third of the former number, and in Montenegro and Kosovo and Metohia the counties were cancelled.

Croatia and Bosnia and Herzegovina, inside Serbia- between Vojvodina and the central Serbia and between the central Serbia and Kosovo and Metohia.

Having in mind frequent territorial changes, in order to obtain as full coverage of settlements as possible, a special census of settlements was performed at the end of 1952. Material of that Census served as a frame for forming of *enumeration areas*⁸, in the Population Census in 1953. Since the Census in 1961 forming of enumeration areas was relying on statistical areas as permanent territorial statistical units, that were formed in 1959.

In 1963 the name was changed into the Socialistic Federative Republic of Yugoslavia.

Each administrative- territorial change would mean the violation of time series and structural reviews, the violation of continuity and comparability of statistical data on the regional level. Having in mind that demographic data in the SFRY were stated according to the valid administrative- territorial distribution in the observation year, due to frequent territorial changes comparable reviews were being made on the level of settlements and municipalities. Starting from the Census 1971 the Federal Statistical Office was publishing comparable reviews of number of inhabitants and number of households by settlements, whereby the territory of the settlement was reduced to the territorial distribution (state) at the time of the last Census .

2. Methodological comparability While using data on population, existence of their **comparability** is very important. However, in the observed period certain methodological changes were happening as changes in classification of certain characteristics:

- ✚ Even though in all after-war censuses the population was enumerated by conception of **permanent population**, in some censuses certain methodological changes were happening, because of which the stated data were not fully comparable. In the Censuses 1971 and 1981 beside population in the country as permanent population were also considered to be Yugoslav citizens temporarily working abroad, as well as their family members living with them abroad. In Censuses 1948, 1953, 1961 and 1971 active persons that were performing occupation outside the place of permanent residence and were not coming back to that place every day, were stated as residents of the place, where they worked. In Censuses 1953 and 1961 '*Pupils in Economy*' who were having their education outside the place of residence of their parents, were considered to be permanent residents in the place where the education was performed. The mentioned methodological changes did not have an extremely significant influence on data comparability.
- ✚ For determining of **type of settlement** until the Census in 1981 a dichotomous statistical-population criterion was used (number of residents and percentage share of non-agricultural population in the total population), according to which settlements were grouped to urban, mixed and rural (Macura, 1954). In the Census 1981 the legal criterion was applied for the first time, according to which settlements were classified to urban⁹ and others.
- ✚ According to valid constitutional Regulations, in all population censuses, data on **national affiliation** are result of free will of citizens to declare themselves. The classification of national affiliation was changing through censuses, what affected the data comparability¹⁰.
- ✚ The nomenclature of **occupations** was changing through censuses as well as appropriate classifications and that is why the population's distributions by occupation were not directly

⁸ In order to provide the total coverage in the Census, a territory of each municipality was divided into enumeration areas. Enumeration areas are formed in such a way that they include only one settlement, respectively parts of bigger settlements.

⁹ Urban settlements are established exclusively on the basis of legal acts of the local self-government.

¹⁰ The mentioned changes reflected mostly on data on number of persons that were declaring themselves as 'Muslims' and 'Yugoslavs'.

comparable. The international classifications of occupations were not applied in the observed period.

- ✚ Different classifications, that were not harmonized with international classifications of the highest educational attainment, were applied for **the highest educational attainment completed** too. Different school systems as well as differences that existed in the systems of education among Republics and Provinces complicated the data comparability during the observed period.
- ✚ By introduction of International Statistical Classification of Diseases and Related Health Problems into the Health Statistics since 1950 (VI Revision), the Statistics of Cause of death became methodologically harmonized with international recommendations. However, meanwhile it suffered four changes and that is why it is methodologically hard to monitor certain groups of cause of death.

In each book of census results, as well as in other publications where data on publications are stated, methodological notes are given, where regular interpretation of results is provided.

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TABLE 1 TOTAL ESTIMATED INTER-CENSITARY POPULATION ANNUAL ESTIMATION					
	COUNTRY	REGIONS/ DEPARTMENTS	TOWNS	MUNICIPALITIES	SETTLEMENTS
Total resident population at the beginning of the year (1/1)	1981-1990	1981-1990	-	1981-1990	-
Total resident population in the middle of the year (30/6)	1948-1990	1948-1990	-	1950-1990	-
Total de facto population at the beginning of the year (1/1)	-	-	-	-	-
Total de facto population in the middle of the year (30/6)	-	-	-	-	-
Resident population by sex and age (by year of age, definition of age – age completed) at the beginning of the year (1/1)	-	-	-	-	-
Resident population by sex and age (by year of age, definition of age – age completed) in the middle of the year (30/6)	1948-1990	1948-1990	-	1981-1990	-
Resident population by sex and age (by five-year age groups, definition of age – age completed) at the beginning of the year (1/1)	-	-	-	-	-
Resident population by sex and age (by five-year age groups, definition of age – age completed) in the middle of the year (30/6)	1948-1990	1948-1990	-	1981-1990	-
De facto population by sex and age (by year of age, definition of age – age completed) at the beginning of the year (1/1)	-	-	-	-	-
De facto population by sex and age (by year of age, definition of age – age completed) in the middle of the year (30/6)	-	-	-	-	-
De facto population by sex and age (by five-year age groups, definition of age – age completed) at the beginning of the year (1/1)	-	-	-	-	-
De facto population by sex and age (by five-year age groups, definition of age – age completed) in the middle of the year (30/6)	-	-	-	-	-

TABLE 1bis INTER-CENSITARY ESTIMATED POPULATION BY ETHNIC AFFILIATION					
	COUNTRY	REGIONS/ DEPARTMENTS	TOWNS	MUNICIPALITIES	SETTLEMENTS
Total resident population at the beginning of the year (1/1)	-	-	-	-	-
Total resident population in the middle of the year (30/6)	-	-	-	-	-
Total de facto population at the beginning of the year (1/1)	-	-	-	-	-
Total de facto population in the middle of the year (30/6)	-	-	-	-	-
Resident population by sex and age (by year of age, definition of age – age completed) at the beginning of the year (1/1)	-	-	-	-	-
Resident population by sex and age (by year of age, definition of age – age completed) in the middle of the year (30/6)	-	-	-	-	-
Resident population by sex and age (by five-year age groups, definition of age – age completed) at the beginning of the year (1/1)	-	-	-	-	-
Resident population by sex and age (by five-year age groups, definition of age – age completed) in the middle of the year (30/6)	-	-	-	-	-
De facto population by sex and age (by year of age, definition of age – age completed) at the beginning of the year (1/1)	-	-	-	-	-
De facto population by sex and age (by year of age, definition of age – age completed) in the middle of the year (30/6)	-	-	-	-	-
De facto population by sex and age (by five-year age groups, definition of age – age completed) at the beginning of the year (1/1)	-	-	-	-	-
De facto population by sex and age (by five-year age groups, definition of age – age completed) in the middle of the year (30/6)	-	-	-	-	-

TABLE 2 DEATHS –TOTAL					
	COUNTRY	REGIONS/ DEPARTMENTS	TOWNS	MUNICIPALI TIES	SETTLEMENTS
Deaths (total)	1947 - 1990	1947 - 1990	1950 - 1990	1956 - 1990	1963 - 1990
Deaths under one year of age by sex	1947 - 1990	1947 - 1990	1950 - 1990	1956 - 1990	1963 - 1990
Male deaths (total)	1947 - 1990	1947 - 1990	1950 - 1990	1956 - 1990	1963 - 1990
Female deaths (total)	1947 - 1990	1947 - 1990	1950 - 1990	1956 - 1990	1963 - 1990
Male deaths by place of residence and age by year of age (definition of age : age completed – square)	1956 – 1990	1956 – 1990	-	-	-
Male deaths by place of residence and age by year of age (definition of age : age reached – parallelogram with vertical basis)	-	-	-	-	-
Male deaths by place of residence and age by year of age (definition of age : age completed - parallelogram with horizontal basis)	-	-	-	-	-
Male deaths by place of residence by five-year age groups (definition of age : age completed 5 squares)	1950 - 1990	1950 - 1990	-	-	-
Male deaths by place of residence by five-year age groups (definition of age : age reached – 5 parallelograms with vertical basis)	-	-	-	-	-
Male deaths by place of residence by five-year age groups (definition of age: age completed – 5 parallelograms with horizontal basis)	-	-	-	-	-
Female deaths by place of residence and age by year of age (definition of age : age completed – square)	1956 – 1990	1956 – 1990	-	-	-
Female deaths by place of residence and age by year of age (definition of age : age reached – parallelogram with vertical basis)	-	-	-	-	-
Female deaths by place of residence and age by year of age (definition of age : age completed - parallelogram with horizontal basis)	-	-	-	-	-
Female deaths by place of residence by five-year age groups (definition of age : age completed 5 squares)	1950 - 1990	1950 - 1990	-	-	-
Female deaths by place of residence by five-year age groups (definition of age : age reached – 5 parallelograms with vertical basis)	-	-	-	-	-
Female deaths by place of residence by five-year age groups (definition of age: age completed – 5 parallelograms with horizontal basis)	-	-	-	-	-

TABLE 2BIS DEATHS BY ETHNIC AFFILIATION					
	COUNTRY	REGIONS/ DEPARTMENTS	TOWNS	MUNICIPALITIES	SETTLEMENTS
Deaths (total)	1950 - 1990	1950 - 1990	1953 - 1990	-	-
Deaths under one year of age by sex	1950 - 1990	1950 - 1990	1953 - 1990	-	-
Male deaths (total)	1950 - 1990	1950 - 1990	1953 - 1990	-	-
Female deaths (total)	1950 - 1990	1950 - 1990	1953 - 1990	-	-
Male deaths by place of residence and age by year of age (definition of age : age completed – square)	-	-	-	-	-
Male deaths by place of residence and age by year of age (definition of age : age reached – parallelogram with vertical basis)	-	-	-	-	-
Male deaths by place of residence and age by year of age (definition of age : age completed - parallelogram with horizontal basis)	-	-	-	-	-
Male deaths by place of residence by five-year age groups (definition of age : age completed 5 squares)	1950 - 1990	1950 - 1990	-	-	-
Male deaths by place of residence by five-year age groups (definition of age : age reached– 5 parallelograms with vertical basis)	-	-	-	-	-
Male deaths by place of residence by five-year age groups (definition of age: age completed – 5 parallelograms with horizontal basis)	-	-	-	-	-
Female deaths by place of residence and age by year of age (definition of age : age completed – square)	-	-	-	-	-
Female deaths by place of residence and age by year of age (definition of age : age reached – parallelogram with vertical basis)	-	-	-	-	-
Female deaths by place of residence and age by year of age (definition of age : age completed - parallelogram with horizontal basis)	-	-	-	-	-
Female deaths by place of residence by five-year age groups (definition of age : age completed 5 squares)	1950 - 1990	1950 - 1990	-	-	-
Female deaths by place of residence by five-year age groups (definition of age : age reached – 5 parallelograms with vertical basis)	-	-	-	-	-
Female deaths by place of residence by five-year age groups (definition of age: age completed – 5 parallelograms with horizontal basis)	-	-	-	-	-

TABLE 3 BIRTHS (ALL)					
	COUNTRY	REGIONS/ DEPARTMEN TS	TOWNS	MUNICIPALI TIES	SETTLEMENTS
Births (total)	1947 - 1990	1947 - 1990	-	1956-1990	1963-1990
Legitimate births (total)	1950-1990	1950-1990	-	1963-1990	-
Illegitimate births (total)	1950-1990	1950-1990	-	1963-1990	-
Births (all) by place of residence and mother's age by year of age (definition of age – age completed – square)	1950-1990	1950-1990	-	-	-
Births (legitimate) by place of residence and mother's age by year of age (definition of age – age completed – square)	1950-1990	1950-1990	-	-	-
Births (illegitimate) by place of residence and mother's age by year of age (definition of age – age completed – square)	1950-1990	1950-1990	-	-	-
Births (all) by place of residence and mother's age by year of age (definition of age: age reached, parallelogram with vertical basis)	-	-	-	-	-
Births (legitimate) by place of residence and mother's age by year of age (definition of age: age reached, parallelogram with vertical basis)	-	-	-	-	-
Births (illegitimate) by place of residence and mother's age by year of age (definition of age: age reached, parallelogram with vertical basis)	-	-	-	-	-
Births (all) by place of residence and mother's age by year of age (definition of age: age completed, parallelogram with horizontal basis)	-	-	-	-	-
Births (legitimate) by place of residence and mother's age by year of age (definition of age: age completed, parallelogram with horizontal basis)	-	-	-	-	-
Births (illegitimate) by place of residence and mother's age by year of age (definition of age: age completed, parallelogram with horizontal basis)	-	-	-	-	-
Births (all) by place of residence and mother's age by five-year age groups (definition of age – age completed – 5 squares)	1950-1990	1950-1990	-	-	-
Births (legitimate) by place of residence and mother's age by five-year age groups (definition of age – age completed – 5 squares)	1950-1990	1950-1990	-	-	-
Births (illegitimate) by place of residence and mother's age by five-year age groups (definition of age – age completed – 5 squares)	1950-1990	1950-1990	-	-	-
Births (all) by place of residence and mother's age by five-year age groups (definition of age: age reached, 5 parallelograms with vertical basis)	-	-	-	-	-
Births (legitimate) by place of residence and mother's age by five-year age groups (definition of age: age reached, 5 parallelograms with vertical basis)	-	-	-	-	-
Births (illegitimate) by place of residence and mother's age by five-year age groups (definition of age: age reached ,5 parallelograms with vertical basis)	-	-	-	-	-
Births (all) by place of residence and mother's age by five-year age groups (definition of age: age completed, 5 parallelograms with horizontal basis)	-	-	-	-	-
Births (legitimate) by place of residence and mother's age by five-year age groups (definition of age: age completed, 5 parallelograms with horizontal basis)	-	-	-	-	-
Births (illegitimate) by place of residence and mother's age by five-year age groups (definition of age: age completed, 5 parallelograms with horizontal basis)	-	-	-	-	-

TABLE 3BIS BIRTHS BY ETHNIC AFFILIATION					
	COUNTRY	REGIONS/ DEPARTMEN TS	TOWNS	MUNICIPALI TIES	SETTLEMENTS
Births (total)	1950-1990	1950-1990	-	-	-
Legitimate births (total)	-	-	-	-	-
Illegitimate births (total)	-	-	-	-	-
Births (all) by place of residence and mother's age by year of age (definition of age – age completed – square)	-	-	-	-	-
Births (legitimate) by place of residence and mother's age by year of age (definition of age – age completed – square)	-	-	-	-	-
Births (illegitimate) by place of residence and mother's age by year of age (definition of age – age completed – square)	-	-	-	-	-
Births (all) by place of residence and mother's age by year of age (definition of age: age reached, parallelogram with vertical basis)	-	-	-	-	-
Births (legitimate) by place of residence and mother's age by year of age (definition of age: age reached, parallelogram with vertical basis)	-	-	-	-	-
Births (illegitimate) by place of residence and mother's age by year of age (definition of age: age reached, parallelogram with vertical basis)	-	-	-	-	-
Births (all) by place of residence and mother's age by year of age (definition of age: age completed, parallelogram with horizontal basis)	-	-	-	-	-
Births (legitimate) by place of residence and mother's age by year of age (definition of age: age completed, parallelogram with horizontal basis)	-	-	-	-	-
Births (illegitimate) by place of residence and mother's age by year of age (definition of age: age completed, parallelogram with horizontal basis)	-	-	-	-	-
Births (all) by place of residence and mother's age by five-year age groups (definition of age – age completed – 5 squares)	-	-	-	-	-
Births (legitimate) by place of residence and mother's age by five-year age groups (definition of age – age completed – 5 squares)	-	-	-	-	-
Births (illegitimate) by place of residence and mother's age by five-year age groups (definition of age – age completed – 5 squares)	-	-	-	-	-
Births (all) by place of residence and mother's age by five-year age groups (definition of age: age reached, 5 parallelograms with vertical basis)	-	-	-	-	-
Births (legitimate) by place of residence and mother's age by five-year age groups (definition of age: age reached, 5 parallelograms with vertical basis)	-	-	-	-	-
Births (illegitimate) by place of residence and mother's age by five-year age groups (definition of age: age reached, 5 parallelograms with vertical basis)	-	-	-	-	-
Births (all) by place of residence and mother's age by five-year age groups (definition of age: age completed, 5 parallelograms with horizontal basis)	-	-	-	-	-
Births (legitimate) by place of residence and mother's age by five-year age groups (definition of age: age completed, 5 parallelograms with horizontal basis)	-	-	-	-	-
Births (illegitimate) by place of residence and mother's age by five-year age groups (definition of age: age completed, 5 parallelograms with horizontal basis)	-	-	-	-	-

NUPTIALITY (ALL MARRIAGES)					
	COUNTRY	REGIONS/ DEPARTMEN TS	TOWNS	MUNICIPALI TIES	SETTLEMENTS
Marriages –males (total)	1947 - 1990	1947 - 1990	1950-1990	1956-1990	1960-1962
Marriages –females (total)	1947 - 1990	1947 - 1990	1950-1990	1956-1990	1960-1962
Male marriages (all) by place of residence	1947 - 1990	1947 - 1990	1950-1990	1956-1990	1960-1962
Female marriages (all) by place of residence	-	-	-	-	-
Male first marriages by place of residence	1956-1990	1956-1990	-	1966-1969	-
Female first marriages by place of residence	-	-	-	-	-
Male marriages (all) by place of residence and age of the broom by year of age (definition of age – age completed – square) ¹⁾	1950-1990	1950-1990	-	-	-
Female marriages (all) by place of residence and age of the bride by year of age (definition of age – age completed – square)	-	-	-	-	-
First marriages (males) by place of residence and age of the broom by year of age (definition of age : age completed – square) ²⁾	1956-1962 1970-1990	1956-1962 1970-1990	-	-	-
First marriages (females) by place of residence and age of the bride by year of age (definition of age : age completed – square)	-	-	-	-	-
Marriages (all) of males by place of residence and age of the broom by year of age (definition of age : age reached – parallelogram with vertical basis)	-	-	-	-	-
Marriages (all) of females by place of residence and age of the bride by year of age (definition of age : age reached – parallelogram with vertical basis)	-	-	-	-	-
First marriages of males by place of residence and age of the broom by year of age (definition of age: age reached – parallelogram with vertical basis)	-	-	-	-	-
First marriages of females by place of residence and age of the bride by year of age (definition of age: age reached – parallelogram with vertical basis)	-	-	-	-	-
Marriages (all) of males by place of residence and age of the broom by year of age (definition of age : age completed – parallelogram with horizontal basis)	-	-	-	-	-
Marriages (all) of females by place of residence and age of the bride by year of age (definition of age : age completed – parallelogram with horizontal basis)	-	-	-	-	-
First marriages of males by place of residence and age of the broom by year of age (definition of age : age completed – parallelogram with horizontal basis)	-	-	-	-	-
First marriages of females by place of residence and age of the bride by year of age (definition of age : age completed – parallelogram with horizontal basis)	-	-	-	-	-
Marriages (all) of males by place of residence and age of the broom by five-year age groups (definition of age : age completed – 5 squares	1950-1990	1950-1990	-	1956-1962	-
Marriages (all) of females by place of residence and age of the bride by five-year age groups (definition of age : age completed – 5 squares)	-	-	-	-	-

First marriages of males by place of residence and age of the broom by five-year age groups (definition of age : age completed – 5 squares)	1956-1965, 1970-1990	1956-1965, 1970-1990	-	-	-
First marriages of females by place of residence and age of the bride by five-year age groups (definition of age : age completed – 5 squares)	-	-	-	-	-
Marriages (all) of males by place of residence and age of the broom by five-year age groups (definition of age : age reached – 5 parallelograms with vertical basis)	-	-	-	-	-
Marriages (all) of females by place of residence and age of the bride by five-year age groups (definition of age : age reached – 5 parallelograms with vertical basis)	-	-	-	-	-
First marriages of males by place of residence and age of the broom by five-year age groups (definition of age : age reached – 5 parallelograms with vertical basis)	-	-	-	-	-
First marriages of females by place of residence and age of the bride by five-year age groups (definition of age : age reached – 5 parallelograms with vertical basis)	-	-	-	-	-
Marriages (all) of males by place of residence and age of the broom by five-year age groups (definition of age: age completed – 5 parallelograms with horizontal basis)	-	-	-	-	-
Marriages (all) of females by place of residence and age of the bride by five-year age groups (definition of age: age completed – 5 parallelograms with horizontal basis)	-	-	-	-	-
First marriages of males by place of residence and age of the broom by five-year age groups (definition of age: age completed – 5 parallelograms with horizontal basis)	-	-	-	-	-
First marriages of females by place of residence and age of the bride by five-year age groups (definition of age: age completed – 5 parallelograms with horizontal basis)	-	-	-	-	-

TABLE 4 BIS NUPTIALITY BY ETHNIC AFFILIATION					
	COUNTRY	REGIONS/ DEPARTMEN TS	TOWNS	MUNICIPALI TIES	SETTLEMENTS
Marriages –males (total)	1950-1953, 1956-1965, 1970-1990	1950-1953, 1956-1965, 1970-1990	1950-1953	-	-
Marriages –females (total)	1950-1953, 1956-1965, 1970-1990	1950-1953, 1956-1965, 1970-1990	1950-1953	-	-
Male marriages (all) by place of residence	1950-1953, 1956-1965, 1970-1990	1950-1953, 1956-1965, 1970-1990	1950-1953	-	-
Female marriages (all) by place of residence	-	-	-	-	-
Male first marriages by place of residence	-	-	-	-	-
Female first marriages by place of residence	-	-	-	-	-
Male marriages (all) by place of residence and age of the broom by year of age (definition of age – age completed – square) ¹⁾	1956-1964	1956-1964	-	-	-
Female marriages (all) by place of residence and age of the bride by year of age (definition of age – age completed – square)	-	-	-	-	-
First marriages (males) by place of residence and age of the broom by year of age (definition of age : age completed – square)	-	-	-	-	-
First marriages (females) by place of residence and age of the bride by year of age (definition of age : age completed – square)	-	-	-	-	-
Marriages (all) of males by place of residence and age of the broom by year of age (definition of age : age reached – parallelogram with vertical basis)	-	-	-	-	-
Marriages (all) of females by place of residence and age of the bride by year of age (definition of age : age reached – parallelogram with vertical basis)	-	-	-	-	-
First marriages of males by place of residence and age of the broom by year of age (definition of age: age reached – parallelogram with vertical basis)	-	-	-	-	-
First marriages of females by place of residence and age of the bride by year of age (definition of age: age reached – parallelogram with vertical basis)	-	-	-	-	-
Marriages (all) of males by place of residence and age of the broom by year of age (definition of age : age completed – parallelogram with horizontal basis)	-	-	-	-	-
Marriages (all) of females by place of residence and age of the bride by year of age (definition of age : age completed – parallelogram with horizontal basis)	-	-	-	-	-
First marriages of males by place of residence and age of the broom by year of age (definition of age : age completed – parallelogram with horizontal basis)	-	-	-	-	-
First marriages of females by place of residence and age of the bride by year of age (definition of age : age completed – parallelogram with horizontal basis)	-	-	-	-	-

horizontal basis)					
Marriages (all) of males by place of residence and age of the broom by five-year age groups (definition of age : age completed – 5 squares)	1956-1965, 1970-1990	1956-1965, 1970-1990	-	-	-
Marriages (all) of females by place of residence and age of the bride by five-year age groups (definition of age : age completed – 5 squares)	-	-	-	-	-
First marriages of males by place of residence and age of the broom by five-year age groups (definition of age : age completed – 5 squares)	-	-	-	-	-
First marriages of females by place of residence and age of the bride by five-year age groups (definition of age : age completed – 5 squares)	-	-	-	-	-
Marriages (all) of males by place of residence and age of the broom by five-year age groups (definition of age : age reached – 5 parallelograms with vertical basis)	-	-	-	-	-
Marriages (all) of females by place of residence and age of the bride by five-year age groups (definition of age : age reached – 5 parallelograms with vertical basis)	-	-	-	-	-
First marriages of males by place of residence and age of the broom by five-year age groups (definition of age : age reached – 5 parallelograms with vertical basis)	-	-	-	-	-
First marriages of females by place of residence and age of the bride by five-year age groups (definition of age : age reached – 5 parallelograms with vertical basis)	-	-	-	-	-
Marriages (all) of males by place of residence and age of the broom by five-year age groups (definition of age: age completed – 5 parallelograms with horizontal basis)	-	-	-	-	-
Marriages (all) of females by place of residence and age of the bride by five-year age groups (definition of age: age completed – 5 parallelograms with horizontal basis)	-	-	-	-	-
First marriages of males by place of residence and age of the broom by five-year age groups (definition of age: age completed – 5 parallelograms with horizontal basis)	-	-	-	-	-
First marriages of females by place of residence and age of the bride by five-year age groups (definition of age: age completed – 5 parallelograms with horizontal basis)	-	-	-	-	-

TABLE 5 INTERNAL MIGRATIONS				
	COUNTRY	REGIONS/ DEPARTMENTS	TOWNS	MUNICIPALITIES
Entrances (without distinction by sex and age)	-	-	-	-
Departures (without distinction by sex and age)	-	-	-	-
Entrances by sex	-	-	-	-
Departures by sex	-	-	-	-
Entrances by age	-	-	-	-
Departures by age	-	-	-	-
Entrances by sex and age	-	-	-	-
Departures by sex and age	-	-	-	-
Entrances by place of previous residence (without distinction by sex and age)	-	-	-	-
Departures by destination place (without distinction by sex and age)	-	-	-	-
Entrances by sex by place of previous residence	-	-	-	-
Departures by sex by destination place	-	-	-	-
Entrances by age by place of previous residence	-	-	-	-
Departures by age by destination place	-	-	-	-
Entrances by sex and age by place of previous residence	-	-	-	-
Departures by sex and age by destination place	-	-	-	-

TABLE 6 EXTERNAL MIGRATIONS					
	COUNTRY	REGIONS/ DEPARTMENTS	TOWNS	MUNICIPALI TIES	SETTLEMENTS
Entrances (without distinction by sex and age)	-	-	-	-	-
Departures (without distinction by sex and age)	-	-	-	-	-
Entrances by sex	-	-	-	-	-
Departures by sex	-	-	-	-	-
Entrances by age	-	-	-	-	-
Departures by age	-	-	-	-	-
Entrances by sex and age	-	-	-	-	-
Departures by sex and age	-	-	-	-	-
Entrances by the country of previous residence (without distinction by sex and age)	-	-	-	-	-
Departures by destination country (without distinction by sex and age)	-	-	-	-	-
Entrances by sex by the country of previous residence	-	-	-	-	-
Departures by sex by destination country	-	-	-	-	-
Entrances by age by the country of previous residence	-	-	-	-	-
Departures by age by destination country	-	-	-	-	-
Entrances by sex and age by the country of previous residence	-	-	-	-	-
Departures by sex and age by destination country	-	-	-	-	-

TABLE 7 CENSUS DATA FROM 1948 TO 1981

<i>TOTAL POPULATION</i>					
	COUNTRY	REGIONS/ DEPARTMENTS	TOWNS	MUNICIPALITIES	SETTLEMENTS
Total resident population	●◆—□	●◆—□	●◆—□	●◆—□	●◆—□
Resident population by sex	●◆—□	●◆—□	◆—□	◆—□	◆—□
Resident population by age	●◆—□	●◆—□	◆—□	◆—□	◆—□
Resident population by sex and age	●◆—□	●◆—□	◆—□	◆—□	—□
Total de jure population					
De jure population by sex					
De jure population by age					
De jure population by sex and age					
Total de facto population					
De facto population by sex					
De facto population by age					
De facto population by sex and age					
<i>POPULATION BY ETHNIC AFFILIATION</i>					
Resident population by ethnic affiliation	●◆—□	●◆—□	◆—□	◆—□	—
Resident population by ethnic affiliation by sex	◆—□	◆—□			
Resident population by ethnic affiliation by age	●◆—□	●◆—□			
Resident population by ethnic affiliation by sex and age	◆—□	◆—□			
De facto population by ethnic affiliation					
De facto population by ethnic affiliation by sex					
De facto population by ethnic affiliation by age					
De facto population by ethnic affiliation by sex and age					

1948	●	1981	□
1953	■		
1961	◆		
1971	—		

