

United Nations, Department of Economic and Social Affairs  
Statistics Division, Demographic and Social Statistics Branch

## **United Nations *Demographic Yearbook* review**

**National reporting of household characteristics, living  
arrangements and homeless households**

**Implications for international recommendations**

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#### NOTE

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The term “country” as used in the text of this report also refers, as appropriate, to territories or areas.

This report has been issued without formal editing.

## PREFACE

The present report, on national reporting of household characteristics, living arrangements and homeless households, is one of a series of technical reports reviewing the United Nations *Demographic Yearbook* system. The system is designed to collect, store and disseminate official national demographic and social statistics at the international level, and provides a selection of these data to a wide range of users through print publications, such as the annual *Demographic Yearbook*, CD Rom on special topics<sup>1</sup>, and the Internet<sup>2</sup>.

Earlier drafts of these technical reports served as input to the United Nations Expert Group Meeting to Review the *Demographic Yearbook* System<sup>3</sup> which aimed to assess the continued relevance and responsiveness of the system to the emerging needs of a variety of users. Information on the Expert Group Meeting can be found on the website of the United Nations Statistics Division at [http://unstats.un.org/unsd/demographic/workshop/EGM\\_dyb/index.htm](http://unstats.un.org/unsd/demographic/workshop/EGM_dyb/index.htm). The reports review the instruments used by the *Demographic Yearbook* system to collect data from national statistical offices in terms of how well they adhere to relevant international guidelines in terms of concepts, definitions and classifications used.

Furthermore, the technical reports review the experience of countries with regard to reporting of the requested data to the *Demographic Yearbook* system for the period 1961 to 2000, and relate national practices with respect to classifications to relevant international recommendations for the topics being reported. The main international recommendations that are the focus of the assessment are, as appropriate, the *Principles and Recommendations for Population and Housing Censuses, Revision 1*<sup>4</sup>, the *Principles and Recommendations for a Vital Statistics System, Revision 2*<sup>5</sup>, and *Recommendations on Statistics of International Migration, Revision 1*<sup>6</sup>.

The reviews, as well as the discussion at the Expert Group Meeting, have highlighted a number of issues including the fact that the questionnaires for the *Demographic Yearbook* system need to be reviewed and revised to bring them in line with international guidelines in terms of concepts and classifications used as well as the content of the tables. Furthermore, the review of reported data based on the experience of previous censuses has pointed to the need for a review and updating of international recommendations.

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<sup>1</sup> Two CD-ROMs have so far been issued: the *Demographic Yearbook Historical Supplement*, which presents demographic statistics for the period 1948 to 1997, and the *Demographic Yearbook: Natality Statistics*, which contains a series of detailed tables dedicated to natality and covering the period 1980 to 1998.

<sup>2</sup> For example, data on capital cities and cities with population of 100,000 or more are available at <http://www.un.org/depts/unsd/demog/index.html>; and, data from the *Population and Vital Statistics Report* are available to subscribers at <http://unstats.un.org/unsd/seriesa/index.asp>.

<sup>3</sup> Held in November 2003, in New York.

<sup>4</sup> United Nations publication, Sales No. E.98.XVII.8.

<sup>5</sup> United Nations publication, Sales No. E.01.XVII.10.

<sup>6</sup> United Nations publication, Sales No. E.98.XVII.14.

At its thirty-fifth session, the United Nations Statistical Commission<sup>7</sup> recommended the formation of an Expert Group to consider critical issues related to planning the 2010 round of population and housing censuses, and to set plans for a world programme including use of common definitions, concepts, classifications, tabulations and dissemination mechanisms for population and housing censuses. This mandate requires a review and possible revision or supplementation of the current census recommendations which were developed for the 2000 census round. These technical reports contribute to that review. They also provide some indication of the capacity of countries and areas to report their national data to the *Demographic Yearbook* system.

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<sup>7</sup> *Report on the thirty-fifth session (2-5 March 2004)*. Economic and Social Council, Official Records 2004, Supplement No. 4. E/2004/24: E/CN.3/2004/33. <http://unstats.un.org/unsd/statcom/doc04/report-submitted.pdf>; paragraph 2 (a).

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## I. Introduction

### A. The United Nations Statistics Division collection, processing and dissemination of demographic and social statistics

1. The Demographic and Social Statistics Branch has the responsibility for the collection, processing and dissemination of demographic and social statistics for the United Nations. Most of these data are collected from national statistical offices through a series of questionnaires. It then disseminates these official statistics through the *Demographic Yearbook* and other outputs such as the *Population and Vital Statistics Report*,<sup>8</sup> issued quarterly, and through the internet<sup>9</sup>.

### B. The purpose and scope of the report

2. This report deals with two topics, namely household characteristics and living arrangements, collected through the *Demographic Yearbook* system from national statistical authorities.
3. A household has been defined in the latest *United Nations Principles and Recommendations for Population and Housing Censuses*<sup>10</sup> from 1998 in paragraph 2.61 as either:
  - a) a one-person household, defined as an arrangement in which one person makes provision for his or her food or other essentials for living without combining with any other person to form part of a multi-person household or
  - b) a multi-person household, defined as a group of two or more persons living together who make common provision for food or other essentials for living.

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<sup>8</sup> See more at URL: <http://unstats.un.org/unsd/seriesa/>

<sup>9</sup> URL: <http://dcap016.un.org/unsd/dybook/dybsearch.asp>

<sup>10</sup> *United Nations Principles and Recommendations for Population and Housing Censuses*, Sales No. E.98.XVII.8 New York, 1998

The characteristics related to the household include relationship to household head, household composition, household status and homeless households. These characteristics are further defined in the *United Nations Principles and Recommendations for Population and Housing Censuses*<sup>11</sup> (hereafter referred to as *Principles and Recommendations*) from 1998, in paragraphs 2.60-2.85.

4. Living arrangements is a concept, which has been widely used by a number of countries, for example the U.S. Census Bureau, Statistics Canada, Statistics Sweden and Statistics Netherlands. The concept of living arrangements includes such topics as marriages, families and households, and living quarters. However, there is no definition of living arrangements in the 1998 *Principles and Recommendations*<sup>12</sup>.
5. The US Census Bureau has, for example, recently published a report entitled *America's Families and Living Arrangements 2000*<sup>13</sup>. The report presents a number of tables on households by type of characteristics, households by size, family groups by type and selected characteristics of the family, marital status and living arrangements of young adults. Another example is the Network for Living arrangements, Social networks of older adults (LSN network) in the Netherlands stating that “living arrangements refer to housing, household composition and residential environment”<sup>14</sup>.
6. As the paragraphs above show the concepts of household characteristics and living arrangements are highly intertwined. The description of household used in the latest *Principles and Recommendations*<sup>15</sup>, for example, touches upon living arrangements (1.324):

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<sup>11</sup> *Principles and Recommendations for Population and Housing Censuses*, Sales No. E.98.XVII.8 United Nations 1998

<sup>12</sup> *Principles and Recommendations for Population and Housing Censuses*, Sales No. E.98.XVII.8 United Nations 1998

<sup>13</sup> *America's Families and Living Arrangements 2000* US Census Bureau, Washington DC, 2001

<sup>14</sup> *Living arrangements and social networks of older adults* Research programme in Netherlands C.P.M. Knipscheer, J. de Jong Gierveld, T.G. van Tilburg, P.A. Dykstra Website <http://ssg.scw.vu.nl/lasa/lsn.html>



The concept of household is based on the arrangements made by persons, individually or in groups, for providing themselves with food or other essentials for living.<sup>16</sup>

7. This report reviews the Demographic Yearbook questionnaires with specific reference to the tables collecting household characteristics and living arrangements.
8. The report serves as a complement to the “Review of the Demographic Yearbook collection and dissemination of data on marital patterns or family formation and dissolution” and the “Review of the Demographic Yearbook collection and dissemination of data on housing statistics”. The “Review on marital patterns or family formation and dissolution” covered a number of *Demographic Yearbook* tables that are also relevant to the study of living arrangements. Likewise, the review on housing covers important information that is also noted in the present report. The *Demographic Yearbook* table 1, Population by age, sex and type of household, which collects information on people living in collective living quarters and the homeless, provides an example of this.
9. The aim of the report is to assess country response. It focuses on the units of enumeration used in the Demographic Yearbook questionnaires. According to the latest *Principles and Recommendations*<sup>17</sup> there are five units of enumeration that are relevant to population and housing censuses. These are:
  - Persons
  - Households
  - Institutional population
  - Living quarters
  - Buildings

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<sup>15</sup> *Principles and Recommendations for Population and Housing Censuses*, Sales No. E.98.XVII.8 United Nations 1998

<sup>16</sup> *Principles and Recommendations for Population and Housing Censuses*, Sales No. E.98.XVII.8 United Nations 1998. Paragraph 1.324

<sup>17</sup> *Principles and Recommendations for Population and Housing Censuses*, Sales No. E.98.XVII.8 United Nations 1998

This review looks into four of these five categories. These are persons, households, institutional population and living quarters.

10. The United Nations Statistics Division sends six questionnaires to national statistical offices on a regular basis. These are:
  - Population Census questionnaire
  - Population Census questionnaire on Economic characteristics
  - Population Census questionnaire on Household characteristics
  - Vital statistics questionnaire
  - Population estimates questionnaire
  - International migration and travel statistics questionnaire
  
11. The Demographic Yearbook questionnaire on Household characteristics is the only questionnaire to collect information relevant to living quarters and institutional populations. Moreover, the Demographic Yearbook questionnaire on Household characteristics and the Demographic Yearbook Population Census questionnaire are the only two Demographic Yearbook questionnaires collecting information on households and their characteristics, such as homeless households, types of household and household status. This is particularly relevant as this report, alongside with the above-mentioned report “Marital patterns or family formation and dissolution”, highlights the circumstances and problems that can emerge in the use of more than one unit of enumeration.
  
12. The *Population Census questionnaire* and the *Population Census questionnaire on Household characteristics* collect and compile national data from censuses. These questionnaires are sent on a periodical basis, after a country has completed a population and housing census.
  
13. This review mainly looks at three tables in the *Population Census questionnaire* and the *Population Census questionnaire on Household characteristics*. The first two are taken from the Demographic Yearbook questionnaire on Household characteristics. These are table HC 1, Population by age, sex and type of

- household<sup>18</sup> and table HC 2, Households by age and sex of household head or other reference member of household and household size<sup>19</sup>. The third table is taken from the Demographic Yearbook questionnaire on Population censuses; table PC 5, Households, Population in households and number of family nuclei by size of household and number of persons not living in households<sup>20</sup>.
14. The review also briefly examines some of the other tables in the Demographic Yearbook questionnaire for Household characteristics, namely table HC 7, Households and populations in households by sex, size of household and presence of persons 60 years of age and older<sup>21</sup> and table HC 9, Households and populations in households by number of persons 60 years of age or over by age, sex of householder and type of household<sup>22</sup>.
  15. The other four Demographic Yearbook questionnaires that are used to collect data for the *Demographic Yearbook* do not collect data on household characteristics or living arrangements and therefore are not further examined here.
  16. The review will involve comparing the tables in the questionnaires and the latest *Principles and Recommendations*<sup>23</sup> from 1998. It will also identify inconsistencies if any.
  17. The review is divided into four parts. First we take a look at the tabulations in the Demographic Yearbook questionnaires relevant to household characteristics and living arrangements and compare them to the recommended tabulations in the latest *Principles and Recommendations*<sup>24</sup> as well as previous editions from 1969 and 1990. Secondly, we focus on some central definitions and specifications

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<sup>18</sup> Demographic Yearbook questionnaire on Household Characteristics

<sup>19</sup> Demographic Yearbook questionnaire on Household Characteristics

<sup>20</sup> Demographic Yearbook questionnaire on Population Censuses

<sup>21</sup> Demographic Yearbook questionnaire on Household Characteristics

<sup>22</sup> Demographic Yearbook questionnaire on Household Characteristics

<sup>23</sup> *United Nations Principles and Recommendations for Population and Housing Censuses*, Sales No. E.98.XVII.8 New York, 1998

<sup>24</sup> *United Nations Principles and Recommendations for Population and Housing Censuses*, Sales No. E.98.XVII.8 New York, 1998

regarding household characteristics and living arrangements in the Demographic Yearbook questionnaires comparing them, too, with the *Principles and Recommendations*. A third part takes a closer look at national capacity to collect data and gives an overview of the dissemination of data on household characteristics and living arrangements. Finally some comments are made on the Demographic Yearbook Subject-matter index.

## **II. Tabulations on household characteristics and living arrangements in the Demographic Yearbook questionnaires**

### **A. Table HC 1. Population by age, sex and type of household**

18. Table HC1, Population by age, sex and type of household<sup>25</sup> is most likely based on table H1, Households, by broad types of living quarters and number of homeless households in the current *Principles and Recommendations*<sup>26</sup>. These tables collect data on both broad types of living quarters and on population or households that are homeless or without shelter.
19. The correspondence of the questionnaires table HC1 with the latest *Principles and Recommendations* might also be tracked back to the earlier recommendations from 1980, Table H1 Households by broad types of living quarters and number of homeless households<sup>27</sup>. There is no similar tabulation to be found in the *Principles and Recommendations* from 1969.
20. Despite the fact that Table 1, Population by age, sex and type of household has links to both 1980 and 1998 *Principles and Recommendations*<sup>28</sup> there are still major differences.

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<sup>25</sup> Demographic Yearbook Household Characteristics questionnaire

<sup>26</sup> *United Nations Principles and Recommendations for Population and Housing Censuses*, Sales No. E.98.XVII.8 New York, 1998

<sup>27</sup> *United Nations Principles and Recommendations for Population and Housing Censuses*, Sales No. E.98.XVII.8 New York, 1998, pages 256-257

<sup>28</sup> *United Nations Principles and Recommendations for Population and Housing Censuses*, Sales No. E.98.XVII.8 New York, 1998

21. First, there is a difference between the questionnaire and the current *Principles and Recommendations* regarding the title of table HC 1. The table in the questionnaire uses the topic type of household in the title, while, according to *Principles and Recommendations* of 1998, the title recommended for table H1, is Households, by broad types of living quarters and number of homeless households.
22. According to the *Principles and Recommendations* “Households should be classified by type according to the number of family nuclei and the other members of the household/.../ The types of household to be distinguished could be a) one-person household b) nuclear household /.../ c) extended household /.../ d) composite household /.../ e) Other/Unknown”.<sup>29</sup>
23. Taking the above into account the sub-topics in table HC 1 (see paragraph 25) do not sort under types of households. Instead the sub-topics are on types of living quarters. It is therefore recommended that the title be changed to Households by broad types of living quarters and number of homeless households (table H1) as in the *Principles and Recommendations*.
24. Furthermore, the topics used in table HC 1, namely Population living in households, Population living in institutions or collective households, Population without shelter (homeless population) and Not specified – differ from the topics recommended by the United Nations. In the current *Principles and Recommendations* the overarching topic is type of living quarters, including housing unit, collective living quarters and not stated. The types of living quarters are followed by the topic homeless (households). Consequently it would be recommendable to change the topics in table HC 1 so that they fully match the tabulation in the current *Principles and Recommendations*.

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*United Nations Principles and Recommendations for Population and Housing Censuses*, Sales No. E.98.XVII.8 New York, 1998, paragraphs 2.82

25. The main issue with table HC 1, Population by age, sex and type of household, in the Demographic Yearbook questionnaire for Household characteristics, is that it seems to focus on two different topics. It both asks for living quarters and for population in or outside households. In order to maximize the information collected from table HC 1 and to simplify the work of countries it would be helpful to clearly state the purpose of the data collected in the table. After that, the proper actions could be taken to change the table in order to make it congruent with the *Principles and Recommendations*.

**B. Table HC 2. Households by age and sex of household head or other reference member of household and household size**

26. It is difficult to link table HC 2, Households by age and sex of household head or other reference member of household and household size to any specific table in the current *Principles and Recommendations*<sup>30</sup>.

27. Table HC 2 has no clear reference to a specific table in the current *Principles and Recommendations*. Nor is there a clear link to any of the earlier *Principles and Recommendations*.

28. The tabulation of age and sex of head of household in table HC 2 is the same as the tabulation for table P2.3 Head or other reference members of household, by age and sex; and other household members, by age and relationship to head or other reference member in the current *Principles and Recommendations*. The unit of enumeration of table HC 2 is households. In table P2.3 no unit of enumeration is stated, however the population included is all members of households.

29. Table P2.3, Head or other reference members of household, by age and sex; and other household members, by age and relationship to head or other reference member is similar to table HC 2 in that it collects data on age and sex of household head. However, Table P2.3 also collects data on other household

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<sup>30</sup> *United Nations Principles and Recommendations for Population and Housing Censuses*, Sales No. E.98.XVII.8 New York, 1998

members by age and relationship to household head, instead of household size, as does table HC 2.

30. Given these findings it might be suitable to discuss the possibility of replacing Table 2, Households by age and sex of household head or other reference member of household and household size with P2.3 Head or other reference member of households, by age and sex, and other household members, by age and relationship to head or other reference member in the *Principles and Recommendations*. In doing so the information on household size would be replaced with relationship to household head. As a consequence the table would give information on both the size of the household and the relationship to the householder (such as spouse, child, or other relative).
31. However, if decided that table HC 2 should not be changed, it is first of all suggested to adapt the recommended tabulation on household size. The categories for household size in table HC 2 have a cutoff at “6 persons or more”, but to follow the *Principles and Recommendations* table HC 2 should extend the categories to “10 persons or more”.

**C. Table PC 5, Households, population in households and number of family nuclei by size of household and number of persons not living in households<sup>31</sup>**

32. Beside the questionnaire on Household characteristics, the other questionnaire that collects information on households and living arrangements is the Population Census questionnaire. This questionnaire contains one table that is relevant to this report, namely table PC 5, Households, population in households and number of family nuclei by size of household and number of persons not living in households.
33. Table PC 5 corresponds with Table P2.4, Households, population in households and number of family nuclei, by size of households, in the current *Principles and Recommendations*. It also has links back to the earlier *Principles and*

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<sup>31</sup> *Demographic Yearbook* Population Census questionnaire

*Recommendations* from 1980 (table P13, Households, population in households and number of family nuclei, by size of households) and in the 1969 *Principles and Recommendations* (table 4, same title as table PC 5).

34. According to the current *Principles and Recommendations* the recommended table P2.4, Households, population in households and number of family nuclei, by size of households is important information for planners and suppliers of goods and services, for agencies dealing with housing problems and for planning of sample surveys. Furthermore in the earlier recommendations the equivalent tables were “recommended, first priority”<sup>32</sup>. For this reason it is important that the table in the Demographic Yearbook questionnaire is congruent with the recommendations.
35. Even though there is a link between table PC 5, Households, population in households and number of family nuclei by size of household and number of persons not living in households, and current tabulation recommendations in the *Principles and Recommendations*, there are some differences that are addressed in the following paragraphs.
36. With regard to the topic Size of household, table PC 5 follows in almost every category table P2.4, Households, population in households and number of family nuclei, by size of households in the *Principles and Recommendations*. However, table PC 5 contains two additional categories on Size of household, Persons not living in households and Not stated whether or not living in household which are not in the corresponding table P2.4 in the *Principles and Recommendations*.
37. There are no stated units of enumeration in table PC 5, Households, population in households and number of family nuclei by size of household and number of persons not living in households. Since this table asks for both number of households and population it is important that the instructions be clear. Therefore,

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<sup>32</sup> *Principles and Recommendations for the 1970 Population Censuses*, Sales No. E.67.XVII.3 United Nations New York, 1970, page 33



it would be recommendable to either add information on the requested unit(s) of enumeration – households and population - in the questionnaire of Population Census questionnaire, or collect the data for households and population in separate tables.

38. Lastly, in table PC 5 the topic Number of households follows Total population as in table 1 below. This might be changed to Total households and Total population, for consistency, as recommended in the latest *Principles and Recommendations*. This would further clarify the difference between the two units of enumeration households and population that are asked for in table PC 5. Table 2 below shows parts of the tabulation for the two tables, the parts discussed in this paragraph in bold.

**Table 1. Part of current tabulation of table 5 in the Demographic Yearbook Population Census questionnaire**

<b>Total Population</b>	<b>Number of households</b>	Households with indicated number of family nuclei						Number of family nuclei
		0	1	2	3	4 or more	Not stated	

**Table 2. Tabulation of table P2.5 in the *Principles and Recommendations***

<b>Total</b>		Households with indicated number of family nuclei						Number of family nuclei
<b>Households</b>	<b>Population</b>	0	1	2	3	4 or more	Not stated	

#### **D. Issues with other tables and overall findings on tabulations**

39. The selection of reviewed tables in the Demographic Yearbook questionnaire only represents a part of all the tables regarding household characteristics. In the following paragraphs some other findings, concerning other tables or overall comments, are presented.

40. In table HC 9, Households and population in households by number of persons 60 years of age or over, by age, sex of householder and type of household<sup>33</sup>, the tabulation of Family nucleus is not consistent with the *Principles and Recommendations*. The section asking for information on female head of household asks for Father with child(ren). This should be changed to Mother with child(ren).
41. The tabulation for size of household in table HC 7, Households and population in households by sex, size of household and presence of persons 60 years of age and older<sup>34</sup>, in the questionnaire on Household characteristics request for information from one person up to seven persons. To be consistent with the *Principles and Recommendations* it should ask for households with up to ten persons (this recommendation was also made for table PC 5).
42. Many of the titles of the tables in the Demographic Yearbook questionnaires are very long. A title should both reflect the tables' content and be brief enough for the reader to understand. It would therefore be commendable to look further into the titles of the questionnaire tables in an attempt to make them short and informative at the same time.

### **E. Conclusions on tabulations**

43. As argued in this section, some changes should be made to the Demographic Yearbook questionnaire tables in order to make them correspond with the *Principles and Recommendations*. In some cases the changes are minor. Other differences, however, are quite substantial and need to be addressed.
44. The suggested changes in section II are the following:
- a. Change of topics in table HC 1 to Type of living quarters, including Housing unit, Collective living quarters and Not stated, and Homeless (households).

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<sup>33</sup> *Demographic Yearbook* questionnaire on Household Characteristics

<sup>34</sup> *Demographic Yearbook* questionnaire on Household Characteristics

Also change the title of table HC 1 to Household by broad types of living quarters and number of homeless households

- b. State the purpose of the data collected in table HC 1 and change table accordingly
  - c. Discuss possibility of replacing table HC 2 with table P2.3 in the *Principles and Recommendations* Extend household size categories to up to “10 persons or more” in table HC 2 and table HC 7
  - d. Change the headings on population and households (see figure 1a-b)
  - e. In table HC 9, on the part for collecting data on female head of household, change tabulation from Father with child(ren) to Mother with child(ren)
  - f. Where possible, shorten the titles of the tables
45. Some special considerations have to be made in relation to the Demographic Yearbook questionnaire on Household characteristics. As seen in this section, the differences between the tabulations recommended in the *Principles and Recommendations* and the tabulations in the Demographic Yearbook questionnaire on Household characteristics are quite substantial. The Demographic Yearbook questionnaire on Household Characteristics needs a thorough review and revision, taking into consideration the findings in both this review and in the “Review of the Demographic Yearbook collection and dissemination of data on marital patterns or family formation and dissolution”.

### **III. Definitions and classifications on household characteristics and living arrangements**

46. This section focuses on concepts and classifications used in the tables of the Demographic Yearbook questionnaires on Population censuses and Household characteristics, and how they compare to the current *Principles and Recommendations* <sup>35</sup>, with regard to household characteristics and living arrangements. For details about definitions used in the Demographic Yearbook

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<sup>35</sup> *Principles and Recommendations for Population and Housing Censuses*, Sales No. E.98.XVII.8 United Nations 1998

questionnaire in comparison with the current *Principles and Recommendations*, see Annex 5.

47. Some of the topics relating to household characteristics and living arrangements are not sufficiently defined in the Demographic Yearbook questionnaire on Household characteristics, while some are not defined at all.
48. Specifically, definitions of household, type of household, household head and collective living quarters need to be included in the Demographic Yearbook questionnaires. For the topic Household, there is also a need to further look into the concept of homeless household. These definitions should be consistent with the *Principles and Recommendations* and might be printed on a separate sheet before the tables. In this way the respondent will have all necessary information on definitions gathered on one place.

#### **A. Household**

49. The questionnaire on Household Characteristics asks for the country's own definition both of Household in the General Instructions (page 2) and in Table HC 1 (page 3). However, the definition of Household according to the *Principles and Recommendations* is not presented in the questionnaire. It is suggested that the definition of a household be inserted in either the general instructions, in the tables requesting the information, or in both.
50. The definition of household should follow the *Principles and Recommendations*, which says: "The concept of household is based on the arrangements made by persons, individually or in groups, for providing themselves with food or other essentials for living. A household may be either; a) a one-person household, that is to say, a person who makes provision for his or her food or other essentials for living without combining with any other person to form part of a multi-person household; or b) a multi-person household, that is to say, a group of two or more

persons living together who make common provision for food or other essentials for living”<sup>36</sup>.

## **B. Type of household**

51. The term Type of household, as shown in the previous section, is used in an incorrect way in table HC 1. Moreover, it is requested in table HC 6<sup>37</sup> and in table HC 9<sup>38</sup> in the same questionnaire. Even though these tables are not further examined here, it will once again be emphasized that the definition of the topic would be helpful for the respondents, in the questionnaire. According to the *Principles and Recommendations* of 1998 Type of household can be cross-tabulated by the number of family nuclei that the households contain and the relationship, if any, between the family nuclei and the other members of the household.<sup>39</sup> The sub-topics in table HC 1, on the other hand, are Population living in households, Population living in institutions or collective households, Population without shelter (homeless population) and Not specified (see also section II on table HC 1).

## **C. Household head**

52. Regarding the topic Household head or Reference person there are two issues that need to be addressed here. Firstly, there is no substantive definition provided of Household head or Reference person in the Demographic Yearbook questionnaire for Household characteristics. The *Principles and Recommendations* define household head as “that person in the household who is acknowledged as such by the other members”.<sup>40</sup> There is no definition of reference person in the *Principles*

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<sup>36</sup> *United Nations Principles and Recommendations for Population and Housing Censuses*, Sales No. E.98.XVII.8 New York, 1998 Paragraph 1.324

<sup>37</sup> Table 6, Households by type of household, number of household members and presence of spouse by age and sex of head or other reference member of household

<sup>38</sup> *Demographic Yearbook* questionnaire on Household characteristics, Table 9, Households and population in households by number of persons 60 years of age or over by age, sex of householder and type of household

<sup>39</sup> *United Nations Principles and Recommendations for Population and Housing Censuses*, Sales No. E.98.XVII.8 New York, 1998 Paragraph 2.82

<sup>40</sup> *Principles and Recommendations for Population and Housing Censuses*, Sales No. E.98.XVII.8 United Nations 1998 Paragraph 2.67

*and Recommendations* although it is recommended that the term be used when “spouses are considered equal in household authority and responsibility”<sup>41</sup>.

53. Secondly, the topic is not used in a consistent way in the *Demographic Yearbook* questionnaire on Household characteristics. The following different names are used: Head of household, Household head, Householder and Reference person. The complexity of the subject of Household and Family composition makes it central that the information be processed on the relationships with the household head or reference person in a proper way. The importance of defining Household head is also stressed in the *Principles and Recommendations*.<sup>42</sup> For these reasons there is a need to look into the use of different terms in the Demographic Yearbook questionnaires. Since there is no perceptible difference in meaning between Head of household, Household head or Householder it might be appropriate to use only one of these, preferably Household head. The option of using a reference person instead of a household head should also be available.

#### **D. Institutional population**

54. The term Institutional population is defined in the Demographic Yearbook questionnaire for Household characteristics. However, it has been put together with the – incorrect - term Collective households<sup>43</sup> both in the tabulation and in the definition below the tabulation.

55. In order to be consistent with the latest *Principles and Recommendations*, the following definition should be inserted in the questionnaire for Household characteristics: “Institutions is a group of living quarters that cover any set of premises in a permanent structure or structures designed to house (usually large) groups of persons who are bound by either a common public objective or a

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<sup>41</sup> *Principles and Recommendations for Population and Housing Censuses*, Sales No. E.98.XVII.8 United Nations 1998 Paragraph 2.70

<sup>42</sup> *Principles and Recommendations for Population and Housing Censuses*, Sales No. E.98.XVII.8 United Nations 1998 Paragraph 2.82

<sup>43</sup> Instead of Collective households, which is not defined or classified in the *United Nations Principles and Recommendations for Population and Housing Censuses*, Sales No. E.98.XVII.8 New York, 1998, the preferred concept should be Collective living quarters See para. 2.355. See also this report’s Section II on table HC 1.

common personal interest. Such sets of living quarters usually have certain common facilities shared by the occupants (baths, lounges, dormitories and so forth). Hospitals, military barracks, boarding schools, convents, prisons and so forth fall within this category.”<sup>44</sup> Also, the institution is a subset of collective living quarters, which could be clarified in the footnote to table HC 1.

56. Furthermore, it might be useful to add some clarification in the footnote to table HC 1, regarding the two general frameworks within which individuals are identified in a census: i.e. a) households and b) institutions. That would give a clearer view of the fact that a person living in an institution is not living in a household.

#### **E. Homeless households**

57. To ensure good quality data on homeless households it is essential that the definition and the chosen unit of enumeration – household or person - of homeless households is clearly stated in the Demographic Yearbook questionnaire. The correct definition of a homeless household should be, in accordance with the *Principles and Recommendations*: “those households without a shelter that would fall within the scope of living quarters. They carry their few possessions with them, sleeping in the streets, in doorways or on piers, or in any other space, on a more or less random basis.”<sup>45</sup>

#### **F. Conclusions on definitions and classifications**

58. The following suggestions are made with respect to definitions and classifications:

- a. Definitions of household, type of household, household head and collective living quarters need to be inserted in the questionnaires on Household Characteristics and Population Censuses, either in the general instructions, in the tables asking for households or in

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<sup>44</sup> *Principles and Recommendations for Population and Housing Censuses*, Sales No. E.98.XVII.8 United Nations 1998 Paragraph 2.359

both. The definition should follow the *Principles and Recommendations*.

- b. For the topic Household, there is also a need to further look into the concept of homeless household.
- c. Look into the use of different terms of household head in the Demographic Yearbook questionnaires and choose to use only one, preferably Household head. The option of using a reference person instead of household head should also be available.
- d. Add definition of Institutional population in the questionnaire for Household characteristics.
- e. Add footnote to table HC 1 on the two general frameworks within which individuals are identified, i.e. households and institutions.
- f. Clearly state the recommended unit of enumeration and recommended definitions of homeless households or persons as in the *Principles and Recommendations*.

#### **IV. Data collection and dissemination of household characteristics and living arrangements<sup>46</sup>**

59. In reviewing the *Demographic Yearbook* questionnaires it is important to consider the frequency with which countries are able to respond to the various questionnaires. Some statistical information, though relevant and in line with *Principles and Recommendations*, may not be readily available or may be of poor quality. The level of countries reporting their data to the *Demographic Yearbook* system is an important aspect in the questionnaire revision process. This section will therefore look into the *Demographic Yearbook* publications for both data collection and dissemination, since the tables relevant to this report in the United Nations Statistics Division's demographic database has not been fully cleaned.

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<sup>45</sup> *Principles and Recommendations for Population and Housing Censuses*, Sales No. E.98.XVII.8 United Nations 1998 Paragraph 1.328

<sup>46</sup> The United Nations *1962 Demographic Yearbook* Sales No. 63.XIII.1 New York, 1965 and United Nations *1968 Demographic Yearbook* Sales No. E/F.68.XIII.1 New York, 1970 have not been included in the analysis of this section



60. See table 3 below for the frequency of dissemination of the three tables HC 1, HC 2 and PC 5. The perhaps most interesting finding here is that neither table HC 1 nor HC 2 have been disseminated more than one time.

**Table 3. Dissemination of *Demographic Yearbook* questionnaire tables in on household characteristics and living arrangements<sup>47</sup>**

Questionnaire table number	Publishing years in the <i>Demographic Yearbook</i>	Frequency
HC 1	1995	1 time
HC 2	1987, 1995*	2 times
PC 5	1955**, 1971, 1973, 1976, 1982, 1987, 1990, 1991, 1995	9 times

\*Information collected through *Demographic Yearbook* questionnaire table HC 2 might have been used, however not without complementary information from other *Demographic Yearbook* tables

\*\*Information collected through *Demographic Yearbook* questionnaire table PC 5 might have been used, however not without using data from other *Demographic Yearbook* tables

61. Table 4 below gives an overview of the number and percentage of countries by region which reported information on population in households and number of family nuclei to the *Demographic Yearbook* system<sup>48</sup>. Table D01 corresponds to table PC 5, Households, population in households and number of family nuclei by size of household and number of persons not living in households in the *Demographic Yearbook* Population Census questionnaire. For an example of how the dissemination in the *Demographic Yearbook* looks, see Annex 3.

<sup>47</sup> For full titles of questionnaire tables, see paragraph 18

<sup>48</sup> Code D01 refers to the name in the United Nations Statistics Divisions *Demographic Yearbook* database

**Table 4. Numbers of countries or areas with published data from PC 5, Households, population in households and number of family nuclei by size of household and number of persons not living in households\***

Region	Year							
	1971	1973	1976	1982	1987	1990	1991	1995
Africa	10	0	12	6	20	3	33	24
North America	2	1	26	11	27	1	48	18
South America	6	0	7	6	12	2	13	10
Asia	12	3	17	14	26	7	32	23
Europe	11	5	22	18	26	3	36	28
Oceania	10	2	8	11	10	4	17	6
<b>All regions</b>	<b>51</b>	<b>11</b>	<b>92</b>	<b>66</b>	<b>121</b>	<b>22</b>	<b>179</b>	<b>109</b>

\* Tables that were used for the compilation of table 4, are, by Demographic yearbook issue: 1971 Table 11; 1973 Table 25; 1976 Table 42; 1982 Table 41; 1987 Table 30; 1990 Table 42; 1991 Table 3; 1995 Table 27

62. As can be seen in table 4 above, there is a notable drop in the reporting from countries between some years. For example, between the years 1987 to 1990 the total number of countries with published data declined from 121 to only 22 countries. Also between the years 1991 and 1995 the number of countries with published data declined from 179 to 109.

63. The tabulation in the table on size of household and number of family nuclei has remained the same since the 1955 issue being called Population in households, number of households and number of family nuclei, by size of household and urban/ rural residence. However, in the 1991 issue, the table was retitled Selected indicators on living arrangements and family situation by urban/rural residence<sup>49</sup>. In the 1995 issue the former name was used again. The use of different titles for the presentation of the same variables makes a comparison between the issues more difficult. For purposes of consistency it is suggested to use the first title in the future.

<sup>49</sup> The United Nations *1995 Demographic Yearbook* Sales No. E/F.97.XIII.1 New York, 1997

64. In table 5 below the number and percentage of countries or areas with published data on household characteristics and living arrangements from the 1990 census round are presented. See Annex 1 for details of published data by countries and areas. No data from countries and areas on household characteristics and living arrangements have yet been published from the 2000 census round.

**Table 5. Number and percentage of countries or areas by region with reported data on household characteristics and/or living arrangements\***

Region	Total no. of countries or areas	No. of countries which reported data on household characteristics and/or living arrangements	
		Number	Percentage
Africa	56	24	43
North America	36	18	50
South America	14	11	79
Asia	50	23	46
Europe	46	31	67
Oceania	22	22	100
<b>Total</b>	<b>224</b>	<b>129</b>	<b>57.5</b>

\*Table includes countries or areas with data that been published in at least one table in at least one issue of the *Demographic Yearbook* for the 1990 round

65. Less than half of the countries or areas in Africa and Asia have any published data from the 1990 census round on household characteristics and living arrangements in the *Demographic Yearbook*. Table 6 below offers a list of countries for which there are no published figures on household characteristics and living arrangements available in the *Demographic Yearbook*.

**Table 6. Countries or areas with no published data on household characteristics and living arrangements in the *Demographic Yearbook***

Region	Name of countries with no published data (number of countries with no published data in parenthesis)
Africa	Angola, Burkina Faso, Chad, Djibouti, Equatorial Guinea, Eritrea, Ethiopia, Ghana, Nigeria, Senegal, Swaziland, Togo (12)
Asia	Armenia, Azerbaijan, Bhutan, Democratic People's Republic of Korea, Lao People's Democratic Republic, Lebanon, Occupied Palestinian Territory, Saudi Arabia, Uzbekistan (9)
Europe	Andorra, Bosnia and Herzegovina, Croatia, Estonia, Lithuania, Serbia and Montenegro (6)

66. In table 7 below the amount of published data from countries or areas on urban and rural residence, in relation to household characteristics and living arrangements, is presented.

**Table 7. Number of countries or areas that reported a census and from which data on household characteristics and/or living arrangements has been published in the *Demographic Yearbook* for the 1990 and 2000 census round<sup>50</sup>**

	Africa	North America	South America	Asia	Europe	Oceania	All regions
Total number of countries or areas	56	36	14	50	46	22	<b>224</b>
Conducted a population census in 1990 census round	46	31	13	41	42	22	<b>196</b>
Household characteristics / living arrangements data from 1990 census round in the <i>Demographic Yearbook</i>	24	18	11	23	31	22	<b>129</b>
Urban / rural residence data from 1990 census round in the <i>Demographic Yearbook</i>	6	1	1	8	10	1	<b>27</b>

<sup>50</sup> Information on censuses conducted is collected through the United Nations Statistics Divisions website as of April 2004. The data on household characteristics and living arrangements presented in the table are as published in United Nations *1991 Demographic Yearbook* Sales No. E/F.92.XIII.8 New York, 1992 or United Nations *1995 Demographic Yearbook* Sales No. E/F.97.XIII.1 New York, 1997

67. Even though data on urban and rural residence are requested in many of the *Demographic Yearbook* questionnaires, published data on urban and rural residence in connection to household characteristics and living arrangements are scarce for the 1990 census round (see table 8 above). The *1995 Demographic Yearbook*<sup>51</sup> issue, with its special topic Household composition, contains nine tables on household characteristics and living arrangements of which only 14 percent (27 countries out of 196) of the countries that had conducted a census during the 1990 census round had published data on urban and rural residence.<sup>52</sup> This is a pattern displayed in many of the tables on household characteristics in the different *Demographic Yearbook* issues. One reason for this could be the somewhat hidden position that the request for urban and rural information has in the questionnaire. A more visible request for information on place of residence maybe added to every table could help improve the response rate for urban and rural residence.<sup>53</sup>

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<sup>51</sup> United Nations *1995 Demographic Yearbook* Sales No. E/F.97.XIII.1 New York, 1997, tables 27-35

<sup>52</sup> United Nations *1991 Demographic Yearbook* Sales No. E/F.92.XIII.8 New York, 1992 or United Nations *1995 Demographic Yearbook* Sales No. E/F.97.XIII.1 New York, 1997

<sup>53</sup> A few countries for which there are published data in all of the nine tables might be mentioned here as well, namely Japan, Norway, Romania and Uruguay

**Table 8. Number of countries that reported information on homeless in table on Population by age, sex, living arrangements and urban/rural residence<sup>54</sup>**

Region	Total no. of countries or areas	Living arrangements*		Homeless households**	
		Number of countries	Percentage of countries	Number of countries	Percentage of countries
Africa	56	6	11	1	2
North America	36	15	42	2	6
South America	14	5	36	3	21
Asia	50	12	24	5	10
Europe	46	14	30	5	11
Oceania	22	3	14	0	0
Total	224	55	25	16	7

Each census 1985-1995, Demographic Yearbook, 1995

\*Living arrangements in the 1995 *Demographic Yearbook* is classified into Households, Institutions and Shelterless (Homeless) population or households /Other

\*\*Some countries use the wording "Others" which may or may not include homeless

68. Information on homelessness is scarce in all regions (see table 9). As pointed out in paragraph 63 above, there is need for a further look into the concept of homeless household to find out the reasons for the low availability of data.

69. In conclusion,

- a. For purposes of consistency over time it is recommended that the title for future dissemination basic table D01 be "Households, Population in households and number of family nuclei by size of household and number of persons not living in households".
- b. A more visible request, perhaps added to every questionnaire's front page, could help improve the response rate for urban and rural residence.

<sup>54</sup> 1995 *Demographic Yearbook* Sales No. E/F.97XIII.1 United Nations, New York 1997

## **V. The DYB Subject-matter Index**

70. There is a need to revise and update the subject-matter index in the Demographic Yearbooks. Some of the major inconsistencies found will be pointed out in the following paragraphs. The comments are based on the index in the Demographic Yearbook issue of 1999.
71. The topic Homeless population is today treated as a main topic, but should rather be changed to an item under Households. Also, some of the subjects in the index are repeated. These are for example Persons over 60 years and Population in households.
72. Some of the subjects in the index have unclear references. For example Population by relationship does not tell us relationship to whom or what. Also, family type should be called type of household since this is the recommended nomenclature in the *Principles and Recommendations*.

## VI. Conclusions

73. The tables in the Demographic Yearbook questionnaires on household characteristics and living arrangements are supposed to be in line with past or – preferably - present *Principles and Recommendations*. This is stated on the page for general instructions of the questionnaires. However, as this report shows, this is not the case. The scope of this paper is narrow. To get a broader picture a more comprehensive look at these questionnaires and tables, their purposes, use and design, would be much recommended.
74. Furthermore, a special review of the *Demographic Yearbook* questionnaire on Household characteristics is recommended, taking into consideration not only household characteristics but also marital status, family formation and dissolution etc.
75. There is also a need for a more explicit request for information on urban and rural residence is requested in order to improve data collection on the subject.
76. Lastly, there is a need to revise and update the subject-matter index in the *Demographic Yearbooks*.



**Annex 1. Countries or areas for which population and housing censuses were conducted, and those for which household characteristics and living arrangement data are published in the *Demographic Yearbook* during the 1970, 1980, 1990 and 2000 census rounds<sup>55</sup>**

Country or area by region	Before 1966	1970 round (1966-1974)	1980 round (1975-1984)	1990 round (1985-1994)
<b>AFRICA</b>				
Algeria		1966	1977	1987
Angola				
Benin (Dahomey)			1979	1992
Botswana		1971		1991
Burkina Faso (Upper Volta)				
Burundi			1979	1990
Cameroon			1976	
Cape Verde	1950	1970		1990
Central African Republic				1988
Chad				
Comoros				1991
Congo			1984	
Cote d'Ivoire				1988
Dem. Rep. of the Congo			1984	
Djibouti				
Egypt	1960		1976	1986
Equatorial Guinea				
Eritrea				
Ethiopia				
Gabon	1960			
Gambia		1973		
Ghana				
Guinea			1983	
Guinea-Bissau	1950			
Kenya		1969	1979	
Lesotho	1956			
Liberia		1962		
Libyan Arab Jamahiriya	1964	1973		
Madagascar			1975	
Malawi				1987
Mali	1960		1976	1987
Mauritania			1977	
Mauritius	1952	1972	1983	1990
Morocco	1960	1971	1982	
Mozambique			1980	

<sup>55</sup> Data on household characteristics and living arrangements from the 2000 census round have not yet been published in the *Demographic Yearbook*

Namibia									1991
Niger		1957							1988
Nigeria									
Réunion		1961		1967				1982	1990
Rwanda								1978	1991
Saint Helena				1966					1987
Sao Tome and Principe								1981	1991
Senegal									
Seychelles		1960		1971				1977	1987
Sierra Leone		1963							
Somalia									
South Africa									1991
Sudan								1983	
Swaziland									
Togo									
Tunisia				1966				1984	
Uganda									1991
United Republic of Tanzania				1967					1988
Western Sahara (Sp. Sahara)									
Zambia				1969				1980	1990
Zimbabwe (S. Rhodesia)									1992

#### **NORTH AMERICA**

Antigua and Barbuda									1991
Aruba								1981	1991
Bahamas		1963						1980	1990
Barbados		1960		1970				1980	
Belize		1960		1970				1980	1991
Bermuda	1950	1960		1970				1980	1991
British Virgin Islands		1960		1970				1980	1991
	1951								
Canada	1956	1961		1966	1971	1976	1981	1986	1991
Cayman Islands		1960		1970					1989
Costa Rica	1950	1963		1973				1984	
Cuba		1953		1970				1981	
Dominica		1960						1981	
Dominican Republic	1950	1960		1970					
El Salvador		1950		1971					1992
Greenland		1960		1965	1970			1976	
Grenada		1960						1981	
Guadeloupe		1961		1967				1982	1990
Guatemala				1973				1981	
Haiti		1950							
Honduras		1961		1974					
Jamaica		1960		1970				1982	
Martinique		1961		1967				1982	1990
Mexico	1950	1960		1970				1980	1990
Montserrat		1960		1970				1980	
Netherlands Antilles		1960		1971				1981	1992
Nicaragua	1950	1963							

Panama	1950	1960	1970	1980	1990
Puerto Rico	1950	1960		1980	1990
Saint Kitts and Nevis		1960	1970	1980	
Saint Lucia		1960	1970	1980	1991
Saint Pierre and Miquelon	1957	1962	1967	1974	
Saint Vincent / Grenadines		1960	1966	1980	
Trinidad and Tobago		1960	1970	1980	1990
Turks and Caicos Islands		1960	1970	1980	
United States	1950	1960	1970	1980	1985
United States Virgin Islands	1950	1960	1970	1980	1990
<b>SOUTH AMERICA</b>					
Argentina		1960	1970	1980	1991
Bolivia				1976	1992
Brazil		1960	1970	1980	1991
Chile		1960	1970	1982	1992
Colombia		1951	1973		1985
Ecuador	1950	1962		1982	
Falkland Islands (Malvinas)					1991
French Guiana		1961	1967	1982	1990
Guyana		1960	1970	1980	
Paraguay	1950	1962		1982	1992
Peru		1961	1972	1981	1993
Suriname		1964			
Uruguay		1963		1975	1985
Venezuela	1950	1961		1981	
<b>ASIA</b>					
Afghanistan				1979	
Armenia					
Azerbaijan					
Bahrain	1959	1965	1971	1981	1991
Bangladesh				1981	
Bhutan					
Brunei Darussalam	1960		1971	1981	
Cambodia	1958	1962			
China				1982	1990
China, Hong Kong SAR	1961		1966	1971	1976
China, Macao SAR	1960		1970	1981	1991
Cyprus	1960		1973		1992
East Timor					
Georgia					
India	1951		1971	1981	1991
Indonesia				1980	1990
Iran (Islamic Republic of)	1956		1966	1976	1991
Iraq	1957	1965			

Israel				1966					
Japan	1950	1955	1960	1965	1970	1975	1980	1985	1990
Jordan		1961					1979		
Kazakhstan									1989
Korea, Dem. People's Rep. of									
Korea, Republic of	1955		1960		1970	1975	1980	1985	1990
Kuwait	1957		1965		1970	1975	1980		1985
Kyrgyzstan									1989
Lao People's Dem. Republic									
Lebanon									
Malaysia (West or Peninsular)							1980		1991
Maldives	1965						1977		
Mongolia	1969								
Myanmar							1983		
Nepal					1971		1981		1991
Occupied Palestinian Ter.									
Oman									1993
Pakistan	1960						1981		
Philippines	1957		1960		1970	1975	1980		1990
Qatar									1986
Saudi Arabia									
Singapore	1957				1970				1990
Sri Lanka	1953		1963		1973		1981		
Syrian Arab Republic	1960				1970		1981		
Tajikistan									1989
Thailand	1960				1970		1980		
Turkey	1955		1960	1965	1970	1975	1980	1985	1990
Turkmenistan									
United Arab Emirates					1968		1975		
Uzbekistan									
Viet Nam							1979		1989
Yemen									1994
Former Yemen Arab Rep									
Former Dem. Yemen Rep.									1986
<b>EUROPE</b>									
Albania	1955		1960						
Andorra									
Austria	1951		1961		1971		1981		
Belarus	1959				1970		1979		1989
Belgium	1961				1970		1981		
Bosnia and Herzegovina									
Bulgaria	1956		1965				1975		1985
Channel Islands	1961				1971		1981	1986	1991
Croatia									
(Former) Czechoslovakia	1961				1970		1980		

Czech Republic								1991
Denmark	1950	1955	1960	1965	1981			1991
Estonia								
Faeroe Islands	1950				1977			
Finland	1950	1960		1970	1975	1980	1985	1990
France	1962			1968	1975	1982		1990
Germany	1950	1957	1961	1970				1987
Fed. Rep. Germany (former)								1987
German Dem. Rep. (former)	1964			1971	1981			
Gibraltar	1951			1970	1981			
Greece	1951	1961			1981			1991
Hungary	1960			1970	1980			1990
Iceland	1960							
Ireland	1961		1966	1971	1981			1991
Isle of Man	1951	1961			1981			1991
Italy		1961		1971	1981			
Latvia								1989
Liechtenstein				1970	1980			
Lithuania								
Luxembourg		1960	1966	1970	1981			1991
Malta	1957			1967				1985
Monaco	1951	1956		1961	1975	1982		
Netherlands	1960							
Norway	1950	1960		1970	1980			1990
Poland	1960			1970	1978			1988
Portugal	1950	1960			1981			1991
Republic of Moldova								1989
Romania	1956			1966				1992
(Former) USSR				1970	1979			1989
Russian Federation								1989
San Marino					1976			1985
Serbia and Montenegro								
Slovakia								1991
Slovenia								1991
Spain	1960			1970				
Sweden	1950	1960	1965	1970	1975	1980	1985	1990
Switzerland	1960			1970	1980			1990
The FYR of Macedonia								1994
Ukraine								1989
United Kingdom	1951	1961		1966 (1971)	1981			
(Former) Yugoslavia	1961			1971	1981			1991

## OCEANIA

American Samoa	1960		1970	1974	1980			1990
Australia	1961		1966	1971	1976	1981	1986	1991
Cook Islands			1971	1976	1981		1986	1991
Fiji	1956			1966	1976			1986
French Polynesia		1962			1977	1983		1988
Guam	1960				1980			1990
Kiribati (Gilbert & Ellice Is)		1963	1968	1973	1978		1985	1990

Marshall Islands							1988
Micronesia (Fed. States of)						1985-89	1994
Nauru	1954		1966				1992
New Caledonia			1967	1976	1983		1989
New Zealand	1951	1956	1961		1981	1986	1991
Niue	1961		1971	1976		1986	1991
Northern Mariana Islands							1990
Palau						1986	1990
Papua New Guinea					1980		1990
Samoa (Western Samoa)			1966	1971	1976	1986	1991
Solomon Islands			1970		1976		1986
Tokelau					1976	1982	1986
Tonga			1966		1976		1986
Tuvalu						1985	1991
Vanuatu (New Hebrides)			1967		1979	1986	1989

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**Annex 2. Example of disseminated statistics on household characteristics and living arrangements in the *Demographic Yearbook***

Special topic		3. Selected indicators of living arrangements and family situation by urban/rural residence, each census: 1950-1990										Sujet spécial	
Indicateurs divers concernant les conditions de l'habitation et la situation familiale selon la résidence, urbaine/rurale, chaque recensement: 1950-1990		Households - Ménages						Family nuclei Noyaux familiaux			Single age at marriage Age singulairisé au mariage		
(See notes at end of table.- Voir notes à la fin du tableau.)		Household Population des ménages	Household total Ensemble des ménages	Average size <sup>2</sup> Dimension moyenne	Households - Ménages			Family nuclei Noyaux familiaux			Single age at marriage Age singulairisé au mariage		
Continent, country or area, date and urban/rural residence	Continent, pays ou zone, date et résidence, urbaine/rurale				1	2-4	5+	0	1	2+	Male Masc.	Female Fém.	
AFRICA-AFRIQUE													
Algeria - Algérie <sup>1</sup>													
4 IV 1966 <sup>3</sup>													
Total		12 016 793	2 031 167	5.9	...	...	...	...	...	...	...	...	
2 XII 1977													
Total		16 948 000	2 349 518	7.2	...	...	...	...	...	...	...	...	
20 IV 1987													
Total		23 038 942	3 283 409	7.0	...	...	...	...	...	...	...	...	
Benin - Bénin													
20 III 1979													
Total		3 331 210	612 041	5.4	82 976	675 461	2 572 773	...	...	...	...	...	
Botswana													
31 VIII 1971 <sup>4</sup>													
Total		574 094	140 315	4.1	...	...	...	...	...	...	29.5	24.9	
16 VIII 1981 <sup>5</sup>													
Total		923 197	170 833	5.4	20 025	175 726	727 446	...	...	...	30.8	26.4	
Burundi													
16 VIII 1979 * <sup>1</sup>													
Total		4 017 460	883 497	4.5	64 186	1 282 597	2 670 677	13 738	120 142	741 689	24.1	20.8	
Cameroon - Cameroun													
9 IV 1976 <sup>1*</sup>													
Total		7 076 403	1 371 352	5.2	177 445	1 593 811	5 305 147	264 504	1 005 596	92 412	26.4	18.8	
Cape Verde - Cap-Vert													
15 XII 1950													
Total		146 529	34 590	4.2	3 239	53 502	89 788	...	...	...	...	...	
15 XII 1970													
Total		272 571	51 137	5.3	...	...	...	...	...	...	...	...	
Congo													
22 XII 1984 <sup>1</sup>													
Total		1 909 248	363 140	5.3	52 624	381 829	1 474 795	...	...	...	27.9	22.6	
Egypt - Egypte													
20 IX 1960													
Total		25 984 101	5 176 706	5.0	401 274	6 327 580	19 255 247	...	...	...	26.0	19.9	
23 XI 1976 <sup>5,7</sup>													
Total		36 346 702	6 946 391	5.2	418 997	7 940 513	27 987 192	...	...	...	26.7	21.4	

Source: *Demographic Yearbook 1991 Special issue: Population Ageing and the Situation of Elderly Persons*. Sales No. E/F.92.XIII.8 United Nations New York, 1993.  
 Table 3. Selected indicators of living arrangements and family situation by urban/rural residence, each census: 1950-1990

**Annex 3. Tabulations on household characteristics and living arrangements in Demographic Yearbook (DYB) questionnaires and their relationship to three editions of the *Principles and Recommendations***

<b>Demographic Yearbook questionnaire</b>	<b>Table in DYB questionnaire</b>	<b>1969 P&amp;R<sup>56</sup></b>	<b>1980 P&amp;R<sup>57</sup></b>	<b>1998 P&amp;R<sup>58</sup></b>
Household Characteristics	Table 5 Population by age, sex and type of household	No match with tabulation recommendations	Partly matches table H1	Partly matches table H1 <sup>59</sup>
Household Characteristics	Table 2 Households by age and sex of household head or other reference member of household and household size	No match with tabulation recommendations	No match with tabulation recommendations	Partly matches P2.3 and P2.4 <sup>60</sup>
Population Census	Table 1 Households, Population in households and number of family nuclei by size of household and number of persons not living in households	Matches Table 4	Matches table P13	Matches P2.4

**Table names**

**United Nations Principles and Recommendations 1969**

- Table 4

**United Nations Principles and Recommendations 1980**

- Table H1
- Table P13

**United Nations Principles and Recommendations 1998**

- Table H1 Households, by broad types of living quarters and number of households
- P2.3 Head or other reference member of households, by age and sex, and other household members, by age and relationship to head or other reference member
- P2. 4 Households, population in households and number of family nuclei, by size of household

<sup>56</sup> Principles and Recommendations for the 1970 Population Censuses, Sales No. xxx United Nations New York, 1969

<sup>57</sup> Principles 1980

<sup>58</sup> Principles and Recommendations for Population and Housing Censuses, Sales No. E.98.XVII.8 United Nations 1998

<sup>59</sup> Principles and Recommendations for Population and Housing Censuses, Sales No. E.98.XVII.8 United Nations 1998 Page 222

<sup>60</sup> Principles and Recommendations for Population and Housing Censuses, Sales No. E.98.XVII.8 United Nations 1998 Table P2.4



## Annex 4. Definitions of some items in the Demographic Yearbook questionnaires compared with the *Principles and Recommendations*

Item	Definition in DYB questionnaires	Definition in UNSD recommendations*
Living arrangements	No definition	No definition
Household	Asks for countries definitions as used in census	<p>Either a) a one-person household, defined as an arrangement in which one person makes provision for his or her food or other essentials for living without combining with any other person to form part of a multi-person household</p> <p>or b) a multi-person household, defined as a group of two or more persons living together who make common provision for food or other essentials for living</p>
Homeless household	Those households without a shelter that carry their possessions with them, sleeping in the street, in doorways, or in any other space on a more or less random basis.	Homeless households are those households without a shelter that would fall within the scope of living quarters. They carry their few possessions with them, sleeping in the streets, in doorways or on piers, or in another space, on a more or less random basis. (1.328)
Household head	No definition	<p>Also "reference person". The person in the household who is acknowledges as such by the other members. Several different terms can be used. (2.67)</p> <p>Given the complexity of this item (households and family composition), it is important that information on relationship to the household head or reference person be properly processed. (2.82)</p>
Family nucleus	<p>a) A married couple without children</p> <p>b) a married couple with one or more never-married children c) one parent (either father or mother) with one or more never-married children.</p>	<p>A family nucleus is one of the following types:</p> <p>a) a married couple without children b) a married couple with one or more unmarried children c) a father with one or more unmarried children or d) a mother with one or more unmarried children. Couples living in consensual unions should be regarded as married couples. (2.78)</p>
Collective households	No definition	A household may be located in a housing unit or in a set of collective living quarters such as a boarding house, a hotel or a camp, or may comprise the administrative personnel in an institution. The household may also be homeless. (2.62)
Institutional population	Include persons living in military installations, correctional and penal institutions, dormitories of schools and universities, religious institutions, hospitals etc.	Include persons living in military installations, correctional and penal institutions, dormitories of schools and universities, religious institutions, hospitals and so forth. Similarly, personnel responsible for the running of an institution and not living in dormitories or similar accommodation should be excluded from the institutional population. (1.330)