DESCRIPTION OF POPULATION ESTIMATES FOR LATEST YEAR
GIVEN IN THIS QUESTIONNAIRE

In order that the description of national population estimates on file in the Statistics Division of the United Nations is accurate and complete, it is desirable to provide for confirmation or revision of the method of their construction. The questions below relate to coverage of data, and method of estimation. It is required that a check mark (X) be made in the box following the words which best describe the estimates in terms of these questions.

1. COVERAGE OF DATA

In conformity with definition given on page 2, estimates should relate to de facto population. In order to clarify the exact composition of the population, please indicate in the following check box the exact disposition of each group listed, using "IN" for included; "EX" for excluded. Specify years to which description refers.

Population Group	Estimated total population for year 20_ _		
	In	Out	Not apl.
(a) Nomads...	IN		
(b) Persons living in remote areas....................................			
(c) Military, naval and diplomatic personnel and their families located outside the country...................................		EX	
(d) Merchant seamen and fishermen resident in the country but at sea at the time of the census (including those who have no place of residence other than their quarters aboard ship)...........		EX	
(e) Civilian residents temporarily in another country as seasonal workers..		EX	
(f) Civilian residents who cross a frontier daily to work in another country..		EX	
(g) Civilian residents other than those in (c), (e), and (f) working in another country...		EX	
(h) Civilian residents other than those in (c)-(g), temporarily absent from the country...		EX	
(i) Foreign military, naval and diplomatic personnel and their families located in the country...................................	IN		
(j) Civilian aliens temporarily in the country as seasonal workers..	IN		
(k) Civilian aliens who cross a frontier daily to work in another country..		EX	
(l) Civilian aliens other than those in (i), (j), and (k) working in another country...		EX	
(m) Civilian aliens other than those in (i)-(l), temporarily in country...	IN		
(n) Transients on ships in harbour at the time of the census...........		EX	

2. METHOD OF ESTIMATION

   a) Total population
   Estimates of total population for a country as a whole may be constructed by a variety of means.
   Please indicate by a check mark [X] the method used in constructing the latest population estimate
   for (date) _____01.07.2002_____ , indicating the source of "base data" and the "method of time adjustment".
   If there are publications readily available with the description of methods used, please include thme
   in reply to this questionnaire.

   Base Data

     1- Continuous population register [ ]

     2- Complete census taken (date) _____22.10.2000_____ [X]
          i) population actually enumeracted [X]
          ii) population adjusted to take account of _____ % underenumeration

     3- Sample survey taken (date) ___1998 Turkish Demographic and Health Survey _____ [X]   __

     4- Partial census taken or partial registration (date) _____|__|
          (Please describe)_____
          _____

     5- Non-censal count of (date)_____ []
          (describe method) _____
          _____

     6- Conjectual estimate derived by means other than counting [ ]
          (describe method) : _____

Method of time adjustment

  1- Base data secured annually by population register [ ]
  2- Applying statistics of births and deaths (natural increase), and migration
     i) Registered vital statistics [ ]
     ii) Vital statistics adjusted for incompleteness [ ]

  3- Applying statistics of births and deaths (natural increase), but no account taken of migration
     i) Registered vital statistics [ ]
     ii) Vital statistics adjusted for incompleteness [ ]
  4- Extrapolating mathematically from censuses taken (dates)_____**[X]**, _____,
  and _____. Please give formula:_____
  _____

  5- Applying an assumed rate of increase, not derived by mathematical extrapolation or interpolation but based on:

    i) Assumption with respect to mortality, fertility, migration **[X]**

    ii) Assumption with respect to mortality, fertility, but no account taken of migration [ ]

    iii) Other assumed rate [ ]
      If (i), (ii) or (iii) is checked, please give rate used, and describe how obtained:_____
      _____
      _____

  6- No time adjustment (base figure held constant [ ]

  7- Other (explain)_____
  The national population projections are made by the cohort-component method.
  The cohorts are five -year birth cohorts (age cohorts) . The components are births, deaths, and migrations. Projections are made in
  five-year cycles. Each cycle is independent of the preceding one. Assumptions concerning the components are constant during each five year cycle.

b) Population by age and sex
  Estimates of population according to age and sex are assumed to be constructed on the same base data
  as are the total estimates. However, certain additional factors may affect age distributions
  estimated from census enumerations or from sample surveys. Please indicate below the adjustment(s)
  made in the basic age distribution used to construct estimates shown in Tables 2 and 4.

  Adjustments in base

    1) None-based on population actually enumerated at various ages or estimated from survey results [ ]
    2) Enumerated population or population estimated from survey results adjusted to take account of
      underenumeration at various age [ ]
    3) Base age distribution "smoothed", i.e., adjusted to remove effects of digit preference in age reporting **[X]**

  Method of time adjustment
  Distribution of estimated population according to age and sex may also be made by same methods
  as used to obtain the projection of the total figure, or it may be derived by distributing the estimate
  according to the percentage of population in each age-sex group at time of census. Please indicate
  below the method used in constructing the age-sex distribution of the latest estimate shown in Table 2.

  1- Applying actual or assumed natural increase and migration [ ]
  2- Applying actual or assumed natural increase alone **[X]**
  3- Distributing the total estimate according to percentage of population in each age-sex group
    at time of census of sample survey [ ]
  4- By other means (describe)_____
    _____

  Disposition of unknown age

  If frequency in unknown age category of tables 2 and 4 is zero, please indicate below whether;
  in the preparation of the estimates:

    1- An age has been assigned to persons for whom age did not appear in the census or sample survey [ ]

    2- Frequency in unknown age category has been distributed proportionately among known ages [**X**]

    3- The frequency of unknown age appearing in the census or survey was zero [ ]

c) Urban and rural population, and the population of cities

  Post-censal estimates of the urban and rural population, or the population of individual cities, can be
  made in various ways. In some countries continuous population registers permit the up-dating of local
  population estimates according to registered balances of births, deaths, and changes of residence. In some
  countries, perhaps, periodic surveys permit the up-dating of urban or city population estimates. In some
  countries, in relation to post-censal estimates of total population, estimates of urban, or city population
  may be determined by an extrapolation of the percentage of urban in total, or city in urban, population.

In some countries, urban and city population may be determined on the basis of rates of growth of urban or city, population observed over a past period, by assuming such rates of growth to continue. Other methods are also possible. Please indicate below the method used in making post-censal estimates of urban and rural, or of city population.

	Urban population	City population
1- Population registers.....................	[ ]	[ ]
2- Surveys, other than a census.............	[ ]	[ ]
3- Extrapolation of percentage..............	[ ]	[ ]
4- Observed rate of growth, assumed to continue..	[ ]	[ ]

5- By other means(describe)_Proportional method__: _____

The subnational population estimates are made by the apportionment method. This is a mathematical technique that distributes the increase in the national population after the last census among the component areas (e.g. province or cities) of the country. It relies on the rate of increase of these areas between the last two censuses to estimate post-censal population increase.

Bibliography of Demographic Statistics

In order to bring up to date the bibliographical information you kindly supplied with last year's questionnaire, please list below publication which have become avaliable since that time or are to be issued in the near future which contain results of your latest population census or survey, and current statistics on population estimates, vital statistics and international migration.

This information is being requested for the purpose of compiling and maintaining a current bibliography of demographic statistics. The citations should, therefore, be in a form suitable for reference purposes, that is, the title, issuing agency or author, place, date of publication and number of pages should be given.

Example: Demographic Yearbook, 1999, United Nations, New York, 2001, 609 pp.

DEMOGRAPHIC YEARBOOK   REPORTING COUNTRY: Turkey
                                                             REPORTING YEAR: 2002

Statistics Division - United Nations
Demographic Statistics Section - Questionnaire on Population Estimates

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of these questions.

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In order to clarify the exact composition of the population, please indicate in the following check box
the exact disposition of each group listed, using "IN" for included; "EX" for excluded. Specify years
to which description refers.

Population Group	Estimated total population for year 2002		
	In	Out	Not apl.
(a) Nomads...	x		
(b) Persons living in remote areas...................................			X
(c) Military, naval and diplomatic personnel and their families located outside the country....................................		EX	
(d) Merchant seamen and fishermen resident in the country but at sea at the time of the census (including those who have no place of residence other than their quarters aboard ship)..........		EX	
(e) Civilian residents temporarily in another country as seasonal workers..		EX	
(f) Civilian residents who cross a frontier daily to work in another country..		EX	
(g) Civilian residents other than those in (c), (e), and (f) working in another country..		EX	
(h) Civilian residents other than those in (c)-(g), temporarily absent from the country...		EX	
(i) Foreign military, naval and diplomatic personnel and their families located in the country...................................	IN		
(j) Civilian aliens temporarily in the country as seasonal workers..	IN		
(k) Civilian aliens who cross a frontier daily to work in another country...		EX	
(l) Civilian aliens other than those in (i), (j), and (k) working in another country..		EX	
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2. METHOD OF ESTIMATION

  a) Total population
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    Base Data

      1- Continuous population register [ ]

      2-######
        i) population actually enumeracted [X]
        ii) population adjusted to take account of _____ % underenumeration

     3-1998 Turkish Demographic and Health Survey

     4- Partial census taken or partial registration (date) _____|__|
       (Please describe)_____
       _____

     5- Non-censal count of (date)_____ [ ]
       (describe method) _____

_____

6- Conjectual estimate derived by means other than counting [ ]
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   Method of time adjustment

   1- Base data secured annually by population register [ ]
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   The cohorts are five -year birth cohorts (age cohorts) . The components are births, deaths, and migrations. Projections are made in
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         as used to obtain the projection of the total figure, or it may be derived by distributing the estimate
         according to the percentage of population in each age-sex group at time of census. Please indicate
         below the method used in constructing the age-sex distribution of the latest estimate shown in Table 2.

      1- Applying actual or assumed natural increase and migration [ ]
      2- Applying actual or assumed natural increase alone [X]
      3- Distributing the total estimate according to percentage of population in each age-sex group
         at time of census of sample survey [ ]
      4- By other means (describe)_____
         _____

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         If frequency in unknown age category of tables 2 and 4 is zero, please indicate below whether;
         in the preparation of the estimates:

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	Urban population	City population
1- Population registers.....................	[ ]	[ ]
2- Surveys, other than a census.............	[ ]	[ ]
3- Extrapolation of percentage..............	[ ]	[ ]
4- Observed rate of growth, assumed to continue..	[ ]	[ ]

5- By other means(describe) _____
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