# 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		ed total population r 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	
<ul><li>(i) Foreign military, naval and diplomatic personnel and their</li></ul>			
families located in the country	IN		
<ul><li>(j) Civilian aliens temporarily in the country as seasonal</li></ul>			
workers	IN		
(k) Civilian aliens who cross a frontier daily to work in			
another country		EX	
(1) Civilian aliens other than those in (i), (j), and (k)			
working in another country		EX	
(m) Civilian aliens other than those in (i)-(1), 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), 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) :

	adjustment
- Base data	secured annually by population register [ ]
- Applying s	tatistics of births and deaths (natural increase), and migration
	tered vital statistics []
ii) Vital	statistics adjusted for incompleteness [ ]
- Applying s	tatistics of births and deaths (natural increase), but no account taken of migration
i) Regis	tered vital statistics [ ]
	statistics adjusted for incompleteness [ ]
	ing mathematically from censuses taken (dates), Please give formula:,
5- Applying	an assumed rate of increase, not derived by mathematical extrapolation or interpolation but based
i) Assum	otion with respect to mortality, fertility, migration [X]
ii) Assum	otion 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:
- No time ad	justment (base figure held constant [ ]
- Other (exp	lain)
	ation projections are made by the cohort-component method.
	e -year birth cohorts ( age cohorts) . The components are births, deaths, and migrations. Projections are made in
-year cycles.	e -year birth cohorts ( age cohorts) . The components are births, deaths, and migrations. Projections are made in Each cycle is independent of the preceding one. Assumptions concerning the components are constant during each five year
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- 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 [  $\mathbf{X}$ ]
- 3- The frequency of unknown age appearing in the census or survey was zero [ ]
- $\ensuremath{\mathtt{c}}\xspace)$  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

## DESCRIPTION OF POPULATION ESTIMATES FOR LATEST YEAR GIVEN IN THIS QUESTIONNAIRE

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### 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 populat		
	In	Out	Not apl.	
(a) Nomads	х			
(b) Persons living in remote areas			х	
(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		
(1) Civilian aliens other than those in (i), (j), and (k)				
working in another country		EX		
(m) Civilian aliens other than those in (i)-(1), temporarily				
in country	IN			
(n) Transients on ships in harbour at the time of the census		EX		

DEMOGRAPHIC YEARBOOK REPORTING COUNTRY: Turkey REPORTING YEAR: 2002

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

## 2. METHOD OF ESTIMATION

(describe method) \_

IE I	THE 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)
	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) [ ]

6-	- Conjectual estimate derived by means other than counting [ ]		
·	(describe method)		
Metho	nod of time adjustment		
	<ul> <li>Base data secured annually by population register [ ]</li> <li>Applying statistics of births and deaths (natural increase), and migration         <ol> <li>Registered vital statistics [ ]</li> <li>Vital statistics adjusted for incompleteness [ ]</li> </ol> </li> </ul>		
	- Applying statistics of births and deaths (natural increase), but no account taken of migration i) Registered vital statistics [] ii) Vital statistics adjusted for incompleteness [] - Extrapolating mathematically from censuses taken (dates)		
	REPORT	G COUNTRY:	_
	s Division - United Nations ic Statistics Section - Questionnaire on Population Estimates		
5-	- Applying an assumed rate of increase, not derived by mathematical extrapolation or inter	polation but	t 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:		
7- The na The coh	- No time adjustment (base figure held constant [ ]  - Other (explain)  - Other (explain)  - Interpolation projections are made by the cohort-component method.  - Other (explain)  - Interpolation projections are made by the cohort-component method.  - Other (explain)  - Other (e		
Est as est mad	opulation by age and sex stimates of population according to age and sex are assumed to be constructed on the same base date is are the total estimates. However, certain additional factors may affect age distributions stimated from census enumerations or from sample surveys. Please indicate below the adjustment(s) addedouble in the basic age distribution used to construct estimates shown in Tables 2 and 4.	ta	
Au	None-based on population actually enumerated at various ages or estimated from survey res	ul+e [ ]	
	2) Enumerated population or population estimated from survey results adjusted to take accoun underenumeration at various age []  3) Base age distribution "smoothed", i.e., adjusted to remove effects of digit preference in	t of	ng [X]
I a a	ethod 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 e according to the percentage of population in each age-sex group at time of census. Please indic below the method used in constructing the age-sex distribution of the latest estimate shown in T	ate	
3	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)	_	
DEMOGRAPHI		G COUNTRY:	-
	REPOR! s Division - United Nations ic Statistics Section - Questionnaire on Population Estimates	FING YEAR:	2002
Disp	position 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:  $\frac{1}{2}$ 

1	– An	але	has	heen	assigned	to.	persons	for	whom	age	did	not	annear	in	the	census	or	sample	SIITVEV	г :	1

- 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)\_

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.

REPORTING COUNTRY: Turkey REPORTING YEAR: 2002

#### DEMOGRAPHIC YEARBOOK

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

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.

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