



Project 2006/S 100-106607/EN, LOT 2
Modelling of statistical data
on migration and migrant populations

MIMOSA

Availability of statistical data
on migration and migrant population
and potential supplementary sources
for data estimation

May 2009

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1. Introduction

The report has been prepared within the project “Modelling of statistical data on migration and migrant populations” (MIMOSA). It presents the results of the investigation of the availability of data on international migration flows and population stocks. The data review presented in the report was a departure point for the feasibility study and for the development, refinement and application of methodologies for estimating missing data.

The study covers 31 countries: all EU27 countries, Iceland, Lichtenstein, Norway and Switzerland. It presents an analysis of the data available in the Eurostat migration database and of other relevant data available at Eurostat (for example, the Labour Force Survey and the Population Census). Moreover, for each of the missing data, complementary data sources from national statistical institutes and international organisations were analysed.

The analysis and the resulting inventory (including the meta-data) focused upon the following core data:

- Immigration and emigration flows in the years 2001-2007 by country of previous/next residence, disaggregated by sex and age,
- Immigration and emigration flows in the years 2001-2007 disaggregated by broad group of citizenship, sex and age,
- Immigration and emigration flows in the years 2001-2007 disaggregated by country of birth, sex and age,
- Population stocks on 1 January 2002-2008 by broad group of citizenship, sex and age,
- Population stocks on 1 January 2002-2008 by country of birth, sex and age.

When investigating the availability of data by citizenship and age, it was kept in mind that the estimates will have to be prepared for five- year age groups up to age 85+ and the following broad citizenship groups: national, foreigners - EU27 citizens, foreigners - non-EU27 citizens.

Apart from the core data available in Eurostat, two types of data were of interest for the review: (1) flow and stock data that are available from the complementary data sources and can be used directly to fill the gaps in the Eurostat database; (2) supplementary information, available either in Eurostat or in complementary sources, which can be used as an input for estimating or harmonising the data.

In the current version, all tables have been revised and extended to include the most recent data. The revision included also an update of the links to the sources of data on the NSIs websites and other Internet resources (such as the OECD on-line databases) and addition of new links. New potentially useful data sources were identified and described. In the country reviews part, the tables presenting the availability of the data on population stocks by sex and age were omitted as the substantial improvement was noted and these data are now available in the Eurostat database for 2002-2008 for all the countries (except 2008 data for the UK). In Section 3.2, the overview of the availability of data on population by sex and 5-year age group was replaced by the overview of the availability of data on population stock by sex and single year of age, as needed by some estimation methods.

It is worth to note an improvement of the availability of data for several countries since the 2006 report, which manifested itself in an increased scope of data provided in the Joint Migration Questionnaire. The notable examples are Belgium, Bulgaria, Greece, Poland and Iceland.

The report is organised as follows. An introductory Section 2 contains a brief discussion of selected problems concerning migration statistics including diversity of sources and definitions. Section 3 focuses on the availability of data in the Eurostat database. In particular, overview tables present the availability of immigration, emigration and population stock variables listed above in the migration database in Eurostat. Additional tables present availability of population stock data in the demographic and census databases. Supplementary information is discussed in Section 4, covering the availability

of population stock and flow data in the complementary sources as well as the availability of supplementary data in Eurostat and other sources. Finally, Section 5 contains detailed reviews of the situation for each of the 31 countries separately. Each country review includes information about availability of core and supplementary data in Eurostat and in complementary sources, as well as meta-data (description of data) concerning flow, annual population and census and annual population statistics.

2. Overview of statistics on migration flows and population stocks (metadata)¹

The need for international migration statistics coincides with an unsatisfactory availability, reliability and coverage of data on international migration and the lack of comparability. The availability of statistics is conditioned by the existence of a data collection system that has the potential of yielding meaningful statistical information on changes of place of usual residence. The major types of data sources used to produce statistics on international migration flows may be summarized as follows:

- population registration systems including centralised population registers and local population registers;
- other administrative registers related to foreigners, alien's registers, residence permit databases or asylum seekers databases;
- statistical forms filled in for all changes of residence;
- sample surveys and other types of data collection at border crossing;
- household surveys;
- population censuses.

Data sources used in the European countries are very diverse (Tables 1 and 2). The countries try to make the best possible use of national administrative data sources, since alternative statistical tools such as sample surveys have evident drawbacks due above all to sampling variability. A centralised and computerised, comprehensive and complete population registration system providing for the continuous recording of information pertaining to each member of the target population seems to be the best source of reliable statistics on migration flows and resident population stocks, provided the people obey the rules related to registration. If there is no administrative data source covering the whole population or available data on some population categories are considered unreliable, other registers are used that contain only subsets of the population, e.g. alien's registers or residence permits databases. For statistics on migration flows, some countries decide to rely on statistical surveys carried out during border controls or among households inside the country.

Population censuses are the best source of statistics on population by citizenship and country of birth. Some information on international migration flows can also be derived from censuses, however census does not capture multiple migration events that occurred between subsequent enumerations. Moreover, only international immigrants may be easily identified, as international emigrants are no more part of the enumerated population. The main limitation of censuses is that they provide information for the census year only. For the years between two subsequent censuses some countries rely on population registers, while others use the component method in which census data are updated annually with vital events and estimates of the migration balance (and information on acquisition and loss of citizenship for the data disaggregated by citizenship). In several countries a combined method is used: some population figures are prepared using the component methods, while the detailed statistics on

¹ This section draws to a large extent from Chapter 8 of the THESIM (Towards Harmonised European Statistics on International Migration) book, by B. Nowok, D. Kupiszewska and M. Poulain. Information from THESIM has been updated and extended to cover six additional countries (THESIM covered 25 EU countries only).

foreigners (in particular by country of birth and citizenship) are prepared using register of foreigners or residence permits registers.

To be comprehensive, statistics should cover immigrants and emigrants irrespective of their citizenship. However, governments attach different importance to particular flows. They are more interested in controlling migration of foreigners, in particular immigration, which is reflected in the administrative procedures and data collection systems. Consequently, in several countries some data are available for foreigners only. As regards data coverage, flows of undocumented migrants are generally not included. Furthermore, asylum seekers are often only included when they have been granted a refugee status and received a temporary or permanent residence permits. Students are another group of people who are in a grey area of the registration of international migrations. Not all EU students are included in the population registers of the receiving country and deregistered from those of the sending country. Those who do not report their emigration or immigration will not appear in the related statistics. For students originating from third countries the situation is more reliable, as all these students need to acquire a specific residence permit.

Despite existing recommendations from the UN and the EU, the definitions of international migrants vary significantly between countries, within countries over time, and between different sources of statistical information. Moreover, the definitions of immigration and emigration that are applied in a particular country do not necessarily match in terms of the time criterion. The main sources of variations in definitions used in the EU countries are the differences in the concepts of ‘place of residence’ and ‘duration of stay’ that are applied to determine who is an international migrant. Because the datasets are usually not accompanied by detailed methodological information these concepts remain a relatively uncharted area for most data users.

Most countries base their definitions of international migration on a change of country of usual residence. A variety of possible interpretations of and nuances in this term can result in a lack of clarity in the statistics. Most often it is interpreted from a legal (*de jure*) point of view. The legislation of a country in question specifies the requirements that have to be fulfilled in order to become a resident. The conditions differ between nationals and non-nationals, and between non-nationals there are two distinct groups, namely foreigners with the right to free movement and others. Usually, presence must be for a specified minimum period of time.

The conditions for counting a person as a migrant or for including this person in population stock count are usually (especially for foreigners) related with the duration of stay in the destination country. Therefore, time should be considered as a supplementary concept to that of residence. However, the level of concreteness differs across countries. On the one hand, the definitions currently in use often specify that international migration takes place when there is a change in the country of residence for a minimum period of time. Such a period is precisely defined. On the other hand, some countries take only permanent changes of residence into account, although permanent does not necessarily mean the same in different countries. Its meaning can be understood literally, or as equivalent to long term.

When a precise period is used, another problem arises related to the distinction between intended and actual duration. The use of the actual duration concept means that the production of the statistics would be systematically delayed by the period used as the time criterion in the definition of migration. Ideally, data based on intended duration of stay should be considered as preliminary and replaced with final data based on the actual *ex post* duration of stay.

The threshold durations used by countries differ widely. On the one hand, there are countries where duration of residence is of no relevance and any move in or out of dwelling should be registered and deregistered and will be directly reflected in the statistics. On the other hand, there are countries where only movements for an ‘infinite’ duration (i.e. settlement migration) are counted. Within these extremes, the duration of stay criterion applied in migration statistics across the EU is usually set to a period between three months and one year.

As well as discrepancies in the definitions of crucial concepts described above, there are a number of other problems that considerably hinder the international comparability of flow data. Time related issues are predominant. First, migration events are counted at various dates. For immigration this might be the date of issuing a permit, the date of arrival or the date of reporting for registration. For emigration, the date of expiry of a permit, the date of reporting the departure or the date of departure are variously used. Secondly, in some cases a reference period other than a calendar year might be applied (e.g. April to April in Ireland). In addition, when a very short (or no) duration of stay criterion is employed, an individual may migrate several times during the reference period. All of these events are counted separately in the international migration statistics. When the one year time limit is strictly applied and the data are collected on a yearly base, only one migration (immigration or emigration) can be counted for a given migrant and, accordingly, there should be no difference between the number of migrants and the number of migrations. As refers population stock data, the reference date is usually 1 January or 31 December, but there are two exception: Ireland (15 April) and the United Kingdom (30 June).

As for data availability, all countries have some statistics on international migration flows and/or foreign population stocks. Bulgaria, Estonia and Greece are the only countries that have no statistics on migration flows. France and Malta have no statistics on emigration. In France, Portugal and Romania, immigration statistics cover foreigners only. Most countries are able to provide tabulations of migration flows by citizenship and /or by country of previous/next residence, sex and age, although not always in full detail. Also data on population by citizenship are available in most countries. Data on migration flows and population stocks by country of birth are more problematic.

The reliability of data provided by the countries differs between the countries and is difficult to evaluate. In general, data concerning immigration are more reliable than those on emigration (migrants often do not report their departure) and statistics concerning immigration of foreigners are more complete than those on immigration of nationals (due to the legal requirements concerning the registration of the non-EEA citizens arriving to the EEA countries).

Regulation no. 862/2007 of the European Parliament and of the Council of 11 July 2007² sets the common rules for the collection and compilation of international migration statistics in the EU member states, including statistics on immigration and emigration flows, statistics on stock of population by country of birth and citizenship as well as statistics on administrative and judicial procedures concerning migration. The regulation is a step towards the harmonisation of the data on migration and improvement of their availability and quality in the future.

Detailed information on the measurement of migration flows and population stocks in the 31 countries has been presented in a uniform way in the *Country reviews* part of the report. In particular, the following information has been provided, wherever available, for national statistics on international migration flows, census statistics on population stocks and annual statistics on population stocks: source, reference period or date, coverage (nationals/foreigners), coverage of special groups, type of measurement (events/persons), date of migration, definition (residence and duration of stay criteria) and available characteristics.

² Available at the url: <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:32007R0862:EN:NOT> .

Table 1. Sources of data on international migration flows in 31 European countries.

		Population register (central or local)		Register of foreigners or residence permit register	Sample survey		Statistical form or another type of source	
		NAT	FOR	FOR	NAT	FOR	NAT	FOR
Austria	I	x	x					
	E	x	x					
Belgium	I	x	x					
	E	x	x					
Bulgaria	I	x	x					
	E	x	x					
Cyprus	I				x	x		
	E				x	x		
Czech Republic	I	x		x				
	E	x		x				
Denmark	I	x	x					
	E	x	x					
Estonia	I	[x]	[x]					
	E	[x]	[x]					
Finland	I	x	x					
	E	x	x					
France	I			x			[x]	
	E							
Germany	I	x	x					
	E	x	x					
Greece	I			x				
	E							
Hungary	I	x		x				
	E	x		x				
Ireland	I				x	x		
	E				x	x		
Italy	I	x	x					
	E	x	x					
Latvia	I	x	x					
	E	x	x					
Lithuania	I	x	x					
	E	x	x					
Luxembourg	I	x	x					
	E	x	x					
Malta	I						x	x
	E						x	
Netherlands	I	x	x					
	E	x	x					
Poland [†]	I	x	x					
	E	x	x					
Portugal	I			x		[x]		
	E				x	x		
Romania	I		x					
	E	x						
Slovakia	I			x			x	x
	E			x			x	x
Slovenia	I	x		x				
	E	x		x				
Spain	I	x	x					
	E	x	x					
Sweden	I	x	x					
	E	x	x					
UK	I				x	x	x	x
	E				x	x	x	x
Iceland	I	x	x					
	E	x	x					
Lichtenstein	I	?	?					
	E	?	?					
Norway	I	x	x					
	E	x	x					
Switzerland	I	x		x				
	E	x		x				

I – immigration; E – emigration; NAT – nationals; FOR – foreigners; [] Information referring to data currently not disseminated, but potentially available in future; [†] Till 2005, Poland prepared statistics on flows based on the statistical/administrative forms.

Table 2. Sources and methods of producing annual population statistics in 31 European countries.

Country	Population register	Register of foreigners/ Residence permit register	Calculations using the component method	Estimations using the component method	Other
Austria	x				
Belgium	x				
Bulgaria				x ³	
Cyprus				x	
Czech Republic		x	x		
Denmark	x				
Estonia				x	
Finland	x				
France				x ⁴	X ⁴
Germany		x ⁵	x		
Greece		x ⁶		x	
Hungary		x	x		
Ireland				x	x ⁷
Italy	x				
Latvia	x				
Lithuania	x	x ⁸	x		
Luxembourg				x ⁹	
Malta		x		x	
Netherlands	x				
Poland			x		
Portugal		x		x	
Romania				x	
Slovakia	x ¹⁰	X ¹⁰	X ¹⁰		
Slovenia	x	x			
Spain	x		x		
Sweden	x				
United Kingdom				x	x ¹¹
Iceland	x				
Liechtenstein	x				
Norway	x				
Switzerland			x		

³ International migration is taken into account since 1 January 2008.

⁴ FR – The “rolling census” was introduced in 2004. Earlier, the component method was used.

⁵ DE – Central Register of Foreigners is used to produce statistics on foreigners by citizenship and by country of birth.

⁶ GR – Residence permit register is used to produce statistics on foreigners by citizenship

⁷ IE – Quarterly National Household Survey is used to produce statistics on population by citizenship and by country of birth

⁸ LT – Data from the Personalisation of Identity Documents Centre under the Ministry of the Interior were used for estimating foreigners by citizenship on 1.01.2006.

⁹ LU – Estimates by citizenship are adjusted taking into account the figures in the Population Register

¹⁰ SK – For 2004 and 2006 to 2008, statistics on population by country of birth were prepared for foreigners only, based on the register on foreigners. For 2005, statistics were provided for the whole population and the “demographic statistics” (the component method?) of the NSI and the Population Register were indicated as the sources used to prepare the data.

¹¹ UK – Labour Force Survey

3. Availability of data on migration flows and stocks in the Eurostat database

Eurostat is the most comprehensive source of data on international migration flows and population stocks in the 31 European countries covered by this report. It is working with national statistical institutes and with national authorities with a responsibility for asylum and immigration matters to improve the quality and availability of European statistics on migration and asylum. A range of data is collected in collaboration with other international organizations. Eurostat maintains an on-line electronic database, known as NewCronos (available at <http://ec.europa.eu/eurostat/>), where collected data are available to all interested users. At the time of the preparation of this report the part of the database dedicated to international migration was under review and a large number of data relevant to *Modelling of statistical data on migration and migrant population* could not be consulted. Migration flow and population stock statistics are also disseminated in Eurostat publications, in particular in Eurostat statistical yearbooks (the most recent are *Europe in figures, 2008 edition* and – for detailed migration statistics – *Population Statistics 2006*), where detailed tables are provided on a CD_ROM.

The overview tables presented in this section as well as detailed analysis in the Country reviews section clearly indicates that the data available currently in the migration part of the Eurostat database do not allow to provide directly the flow and stock estimates that are the subject of the project. For all 31 countries and all years for which data are required, some data need to be either obtained from other sources or estimated in order to fill the gaps. The gaps are due to various reasons, which include among others: (i) the data are not available in the country; (ii) the NSI did not send the relevant Joint Migration Questionnaire table (see below for the information on the Joint Questionnaire) to Eurostat; (iii) the data supplied were not complete, for example provided as broad aggregates; (iv) the data were not requested in the questionnaire. The latter problem concern in particular the age dimension for the data on immigration and emigration by previous/next country of residence for the period 2001-2003 as well as the data on population stock by country of birth for the period 2002-2004. Moreover, no flow data have been collected in disaggregation by country of birth.

The other problem that has to be taken into account is the consistency of data available in various sources. For example, inconsistencies between the population stock data provided in the demographic and migration part of the Eurostat database have been identified, as well as inconsistencies between the data available at Eurostat and the current official data published at the NSI websites. The latter problem is usually due to the fact that Eurostat received provisional data.

3.1 Data on international migration flows

Annual statistics on international migration flows are collected by Eurostat from the NSIs via a joint data collection. The contents of the Joint Questionnaire on International Migration Statistics is determined by several collaborating organizations, currently: Eurostat, the United Nations Economic Commission for Europe (UNECE), the United Nations Statistical Division (UNSD) and the International Labour Office (ILO). The questionnaire is sent to 57 countries, usually in late Summer or early Autumn, requesting flow data for the previous calendar year. Most replies arrive to Eurostat by the end of December.

Migration flow statistics for 37 European countries, collected through the Joint Questionnaire on International Migration Statistics (Joint Migration Questionnaire or JMQ) are checked and corrected, and subsequently loaded into Eurostat's on-line database. The data are located in the *Population and Social conditions* theme, International Migration and Asylum domain (migr). The database has been designed for the dissemination of the following migration flow data:

migr variable (table)	Contents
migr_immiprv	Immigration by sex, age group and country of previous residence
migr_immictz	Immigration by sex and citizenship
migr_immune	Immigration by sex, age group and broad group of citizenship
migr_immuneec	Immigration by sex, age group and citizenship
migr_eminxt	Emigration by sex, age group and country of next residence
migr_emictz	Emigration by sex and citizenship
migr_emiage	Emigration by sex, age group and broad group of citizenship
migr_emiageec	Emigration by sex, age group and citizenship

As the Eurostat database contains the data provided in the joint Migration Questionnaires and, as mentioned earlier, most of the data could not be consulted on-line at the time of the preparation of the report, the review of the availability of migration flow data at Eurostat presented in this report was based on the direct analysis of the contents of the Joint Migration Questionnaires.

Four most recent joint data collections (JMQ 2005 to JMQ 2008, requesting flow data for 2004 to 2007, respectively) contained the following migration tables:

Table 2a	Long-term immigration by country of last residence and age – Both sexes
Table 2b	Long-term immigration by country of last residence and age – Males
Table 2c	Long-term immigration by country of last residence and age – Females
Table 3a	Long-term immigration by citizenship and age - Both sexes
Table 3b	Long-term immigration by citizenship and age - Males
Table 3c	Long-term immigration by citizenship and age - Females
Table 4a	Long-term emigration by country of next residence and age – Both sexes
Table 4b	Long-term emigration by country of next residence and age – Males
Table 4c	Long-term emigration by country of next residence and age – Females
Table 5a	Long-term emigration by citizenship and age - Both sexes
Table 5b	Long-term emigration by citizenship and age - Males
Table 5c	Long-term emigration by citizenship and age - Females

There was also a table concerning aggregated figures on major categories of inflows and outflows, including visitors, diplomatic and military personnel, short-term migrants, border workers, and so on, but most countries either did not complete this table or provided only a few figures.

In the data collections conducted in 2000-2004 (requesting flow data for 1999-2003) tables concerning immigration and emigration by previous/next country of residence did not include the age dimension and the list of flow tables was as follows:

Table 2	Long-term immigration by country of last residence and sex
Table 3a	Long-term immigration by citizenship and age - Both sexes
Table 3b	Long-term immigration by citizenship and age - Males
Table 3c	Long-term immigration by citizenship and age - Females
Table 4	Long-term emigration by country of next residence and sex
Table 5a	Long-term emigration by citizenship and age - Both sexes
Table 5b	Long-term emigration by citizenship and age - Males
Table 5c	Long-term emigration by citizenship and age - Females

A detailed analysis of migration flow data provided by the 31 countries covered the Joint Migration Questionnaires 2002-2008. For the JMQ 2008, the original questionnaires sent by the NSIs (not verified by Eurostat) were used. For the JMQ 2006 and JMQ 2007, the questionnaires checked and corrected by Eurostat were used. For the JMQs 2003-2005, the analysis was based on the questionnaires checked and corrected by CEFMR on behalf of Eurostat within the *Annual Demographic Statistics, Annual Migration Statistics and Annual Regional Statistics* project. For the JMQ 2002 (requesting 2001 flow data), original questionnaires sent by the NSIs were used for availability checks.

The results of the analysis of the data availability are presented for each country in the *Country reviews* section of the report. Tables 3-6 on the following pages provide an overview of the situation for all 31 countries. Data were marked as unavailable based on the information provided in the JMQ or based on information from the THESIM project. Other missing data were marked as “not provided to Eurostat”. In addition to data missing, a number of other problems were detected, for example provisional data were provided, data were provided for some citizenship or country of previous/next residence categories only, for broad age groups, or for different reference period. The “Large Unknown” note was added if the figure in the Unknown category was greater than 10% of Total or greater than 20% of the figure for foreigners.

Table 3. Availability of data on immigration by country of previous residence, sex and age in the JMQ, 31 countries, 2001-2007¹².

Country	2001	2002	2003	2004	2005	2006	2007
Austria	-age	-age, large Unk	-age, large Unk	large Unk	large Unk	Large Unk	+
Belgium	na	na	na	na	-	-	na
Bulgaria	-	-	-	-	-	-	+
Cyprus	-age	-age	-age	-age	-age	Large Unk	Large Unk
Czech Republic	-	-age	-age	+	+	+	+
Denmark	-age	-age	-age	+	+	+	+
Estonia	na	na	na	na	na	na	na
Finland	-age	-age	-age	+	+	+	+
France	na	na	na	na	-	-	-
Germany	-age	-age	-age	+	+	+	+
Greece	na	na	na	na	-	-	-
Hungary	-origin, p	-origin, p	-origin	-origin	-origin	-origin	-origin
Ireland	p, ±origin, -age	p, ±origin, -age	p, ±origin, -age	p, ±origin, broad age	p, ±origin, broad age	p, ±origin, broad age	p, ±origin, broad age
Italy	-	-age	+	+	+	-	-
Latvia	-age	-age	-age	-age	-age	+	+
Lithuania	-age	-age	-age	+	+	+	+
Luxembourg	-origin	-origin	large Unk, -age	large Unk	large Unk, p	large Unk, p	large Unk, p
Malta	nat, ±origin, -age, large Unk	nat, ±origin, -age, large Unk	-	-	-	tot	na
Netherlands	-age	-age	-age	+	+	+	+
Poland	-age	-age	-age	+	+	+	+
Portugal	p, for, -age	p, for, -age	p, for	p, for	-	p, for	-
Romania	for, -origin	for, -origin	for, -origin	for, -origin	for, -origin	for, -origin	for, -origin
Slovakia	-age, i	-age, i	-age, i	i	i, large Unk	i, large Unk	i, large Unk
Slovenia	nat, -age	nat, -age	nat, -age	nat	nat	nat	nat
Spain	-age	-age	large Unk, -age	large Unk	large Unk	Large Unk	large Unk
Sweden	-age	-age	-age	+	+	+	+
United Kingdom	aggreg, ±origin, -age	aggreg, ±origin, -age	aggreg, ±origin, -age	aggreg, ±origin, ±age	aggreg, ±origin, ±age	aggreg, ±origin, ±age	aggreg, ±origin, ±age
Iceland	-age	-age	-	-	-	-	+
Lichtenstein	-	-	-	-	-	-	-
Norway	-age	-age	-age	+	+	+	+
Switzerland	-origin	-origin	-origin	-origin	-origin	-origin	-origin

+ data were provided to Eurostat; - data were not provided to Eurostat; **-age** no disaggregation by age; **-origin** no disaggregation by country of origin; **-sex** no disaggregation by sex; **±age** disaggregation by age provided for a few origin categories; **±origin** data provided for a few origin categories; **aggreg** data available for origin aggregates only; **broad age** data disaggregated by broad age groups; **for** data provided for foreigners only; **i** data inconsistency problems; **large Unk** large proportion of unknown origin; **na** data not available; **nat** data provided for nationals only (for immigration to Malta: Persons of Maltese origin); **non-EEA** data provided for non-EEA citizens only; **p** provisional data; **tot** data provided for Total.

¹² The age dimension appears in the table on immigration by country of previous residence since the Joint Migration Questionnaire 2005 (data for 2004).

Table 4. Availability of data on emigration by country of next residence, sex and age in the JMQ, 31 countries, 2001-2007¹³.

Country	2001	2002	2003	2004	2005	2006	2007
Austria	-age	-age, large Unk	-age, large Unk	large Unk	large Unk	large Unk	large Unk
Belgium	na	na	Na	na	-	-	na
Bulgaria	-	-	-	-	-	-	+
Cyprus	-dest, for	-age	-age	+	+	+	+
Czech Republic	-	-age	-age	+	+	+	Large Unk
Denmark	-age	-age	-age	+	+	+	+
Estonia	na	na	Na	na	na	na	na
Finland	-age	-age	-age	+	+	+	+
France	na	na	Na	na	-	-	-
Germany	-age	-age	-age	+	+	+	+
Greece	na	na	Na	na	-	-	-
Hungary	-dest, p	-dest, p	-dest	-dest	-dest	-dest	-dest
Ireland	p, ±dest, -age	p, ±dest, -age	p, ±dest, -age	p, ±dest, -age	p, ±dest, broad age	p, ±dest, broad age	p, ±dest, broad age
Italy	-	-age	+	+	+	-	-
Latvia	-age	-age	-age	-age	-age	+	+
Lithuania	-age	-age	-age	+	+	+	+
Luxemburg	-dest	-dest	large Unk, -age	large Unk	large Unk, p	large Unk, p	large Unk, p
Malta	nat, to UK, -age	nat, to UK, -age	-	-	-	tot	na
Netherlands	-age	-age	-age	+	+	Large Unk	+
Poland	-age	-age	-age	+	+	+	+
Portugal	-sex, -age	-sex, -age	-sex, -age	-	-	na	-
Romania	nat, -age	nat, -age	nat, -age	nat	nat	nat	nat
Slovakia	-age, i	-age, i	-age, i	i	i, large Unk	i, large Unk	i, large Unk
Slovenia	nat, -age	nat, -age	nat, -age	nat	nat	nat	nat
Spain	-	-age	large Unk, -age	large Unk	large Unk	large Unk	large Unk
Sweden	-age	-age	-age	+	+	large Unk	large Unk
United Kingdom	aggreg, ±dest, -age	aggreg, ±dest, -age	aggreg, ±dest, -age	aggreg, ±dest, ±age	aggreg, ±dest, ±age	aggreg, ±dest, ±age	aggreg, ±dest, ±age
Iceland	-age	-age	-	-	-	-	+
Lichtenstein	-	-	-	-	-	-	-
Norway	-age	-age	large Unk, -age	large Unk	large Unk	large Unk	large Unk
Switzerland	-dest	-dest	-dest	-dest	-dest	-dest	-dest

+ data were provided to Eurostat; **-** data were not provided to Eurostat; **-age** no disaggregation by age; **-dest** no disaggregation by destination; **-sex** no disaggregation by sex; **±age** disaggregation by age provided for a few destination categories; **±dest** data provided for a few destination categories; **aggreg** data available for a few destination aggregates only; **broad age** data disaggregated by broad age groups; **delay** data provided with one year delay; **for** data provided for foreigners only; **i** data inconsistency problems; **large Unk** large proportion of unknown origin/destination; **na** data not available; **nat** data provided for nationals only (for immigration to Malta: Persons of Maltese origin); **non-EEA** data provided for non-EEA citizens only; **p** provisional data; **tot** data provided for Total; **to UK** data provided for emigration to the UK only.

¹³ The age dimension appears in the table on emigration by country of next residence since the Joint Migration Questionnaire 2005 (data for 2004)

Table 5. Availability of data on immigration by citizenship, sex and age in the JMQ, 31 countries, 2001-2007.

Country	2001	2002	2003	2004	2005	2006	2007
Austria	+	large Unk	+	+	+	+	+
Belgium	+	-	x	-	-	-	-age
Bulgaria	-	-	-	-	-	-	+
Cyprus	+	+	+	+	+	Large Unk	Large Unk
Czech Republic	-	+	+	+	+	+	+
Denmark	+	+	+	+	+	+	+
Estonia	na	na	na	na	na	na	na
Finland	+	+	+	+	+	+	+
France	non-EEA, -age, -sex	non-EEA, -age, -sex	non-EEA, -age, -sex	non-EEA,8NM, -age, -sex	non-EEA,8NM, -age, -sex	non-EEA,8NM, -age	-
Germany	±ctz, -age	±ctz, i	+	+	+	+	+
Greece	na	na	na	na	-	for	for
Hungary	p	p	+	+	+	+	+
Ireland	p, ±ctz, broad age	p, ±ctz, broad age	p, ±ctz, broad age	p, ±ctz, broad age	p, ±ctz, broad age	p, ±ctz, broad age	p, ±ctz, broad age
Italy	-	+	+	+	+	-	-
Latvia	+	+	+	+	+	+	+
Lithuania	+	+	+	+	+	+	+
Luxemburg	+	+	+	+	p	p	p
Malta	nat	±ctz	-	-	-	tot, nat, -age	+
Netherlands	large Unk	large Unk	+	+	+	+	+
Poland	-ctz, -age	-ctz, -age	-ctz, -age	-ctz	-ctz	+	+
Portugal	p, for	p, for	p, for	p, for	-	p, for	-
Romania	for	for	For	for	for	for	for
Slovakia	i	i	+	+	+	+	+
Slovenia	+	+	+	+	+	+	+
Spain	+	+	+	+	+	+	+
Sweden	+	+	+	+	+	+	+
United Kingdom	aggreg, ±ctz, ±age, ±sex	aggreg, ±ctz, ±age	aggreg, ±ctz, ±age	aggreg, ±ctz, ±age	aggreg, ±ctz, ±age	aggreg, ±ctz, ±age	aggreg, ±ctz, ±age
Iceland	+	+	-	-	-	-	+
Lichtenstein	-	-	-	-	-	-	-
Norway	+	+	+	+	+	+	+
Switzerland	+	+	+	+	+	+	+

+ data were provided to Eurostat; **-** data were not provided to Eurostat; **-age** no disaggregation by age; **-ctz** no disaggregation by citizenship; **-sex** no disaggregation by sex; **±age** disaggregation by age provided for a few citizenship categories; **±ctz** data provided for a few citizenship categories; **±sex** disaggregation by sex provided for a few citizenship categories only; **aggreg** data available for citizenship aggregates only; **broad age** data disaggregated by broad age groups; **for** data provided for foreigners only; **tot** only total number provided; **i** data inconsistency problems; **large Unk** large proportion of unknown citizenship; **na** data not available; **nat** data provided for nationals only; **non-EEA** data provided for non-EEA citizens only; **8NM** data provided for 8 new Member States citizens; **p** provisional data; **x** problems have been detected in the data sent by the NSI.

Table 6. Availability of data on emigration by citizenship, sex and age in the JMQ, 31 countries, 2001-2007.

Country	2001	2002	2003	2004	2005	2006	2007
Austria	+	+	+	+	+	+	+
Belgium	+	-	x	-	-	-	-age
Bulgaria	-	-	-	-	-	-	+
Cyprus	for	+	+	+	+	+	+
Czech Republic	-	+	+	+	+	+	+
Denmark	+	+	+	+	+	+	+
Estonia	na	na	na	na	na	na	na
Finland	+	+	+	+	+	+	+
France	na	na	na	na	-	-	-
Germany	±ctz, -age	±ctz, i	+	+	+	+	+
Greece	na	na	na	na	-	-	-
Hungary	p	p	+	+	+	+	+
Ireland	p, -ctz, broad age	p, -ctz, broad age	p, -ctz, broad age	p, -ctz, broad age	p, -ctz, broad age	-	-
Italy	-	+	+	+	+	-	-
Latvia	+	+	+	+	+	+	+
Lithuania	+	+	+	+	+	+	+
Luxemburg	+	+	+	+	p	p	p
Malta	na	na	na	na	-	tot, nat, -age	+
Netherlands	+	+	+	+	+	+	+
Poland	-ctz, -age	-ctz, -age	-ctz, -age	-ctz	-ctz	+	+
Portugal	-ctz, -sex, -age	-ctz, -sex, -age	-ctz, -sex, -age	-	-	na	-
Romania	nat	nat	nat	nat	nat	nat	nat
Slovakia	i	i	+	+	+	+	+
Slovenia	±age	±age	±age	±age	±age	±age	±age
Spain	-	+	+	+	+	+	+
Sweden	+	+	+	+	+	+	+
United Kingdom	aggreg, ±ctz, ±age, ±sex	aggreg, ±ctz, ±age	aggreg, ±ctz, ±age	aggreg, ±ctz, ±age	aggreg, ±ctz, ±age	aggreg, ±ctz, ±age	aggreg, ±ctz, ±age
Iceland	+	+	-	-	-	-	-
Lichtenstein	-	-	-	-	-	-	-
Norway	+	+	+	+	+	+	+
Switzerland	+	+	+	+	+	+	+

+ data were provided to Eurostat - data were not provided to Eurostat; **-age** no disaggregation by age; **-ctz** no disaggregation by citizenship; **-sex** no disaggregation by sex; **±age** disaggregation by age provided for a few citizenship categories; **±ctz** data provided for a few citizenship categories; **±sex** disaggregation by sex provided for a few citizenship categories only; **aggreg** data available for citizenship aggregates only; **broad age** data disaggregated by broad age groups; **for** data provided for foreigners only; **tot** only total number provided; **i** data inconsistency problems; **na** data not available; **nat** data provided for nationals; **non-EEA** data provided for non-EEA citizens only; **p** provisional data; **x** problems have been detected in the data sent by the NSI.

3.2 Data on population stocks

Annual statistics on usually resident population by citizenship and by country of birth are collected by Eurostat from the NSIs via the Joint Questionnaire on International Migration Statistics, together with migration flow data. Population statistics for 37 European countries, collected through the JMQ are checked and corrected, and subsequently loaded into Eurostat's on-line database. The data are located in the *Population and Social conditions* theme, International Migration and Asylum domain (migr). The database has been designed for the dissemination of the following data:

migr variable (table)	Contents
migr_st_popctz	Population by sex and citizenship
migr_st_popage	Population by age group, citizenship and sex
migr_st_popctb	Population by country of birth and sex
migr_st_popctba	Population by country of birth, age group and sex

Similarly to the analysis of migration flow data, the review of annual statistics on population by citizenship and by country of birth available at Eurostat was conducted through the direct analysis of the contents of the Joint Migration Questionnaires.

Four most recent joint data collections (JMQ 2005 to 2008, requesting population stock data for 1 January 2005 to 2008, respectively) contained the following relevant tables:

Table 7a	Usually resident population by citizenship and age - Both sexes
Table 7b	Usually resident population by citizenship and age - Males
Table 7c	Usually resident population by citizenship and age - Females
Table 8a	Usually resident population by country of birth and age – Both sexes
Table 8b	Usually resident population by country of birth and age – Males
Table 8c	Usually resident population by country of birth and age – Females

In the data collections conducted in 2000-2004 (requesting population stock data for 1 January 2000-2004) tables concerning population by country of birth did not include the age dimension and the list of flow tables was as follows:

Table 7a (8a for 2002)	Population by citizenship and age - Both sexes
Table 7b (8b for 2002)	Population by citizenship and age - Males
Table 7c (8c for 2002)	Population by citizenship and age - Females
Table 8 (9 for 2002)	Population by country of birth and sex

A detailed analysis of statistics on population stock by citizenship and country of birth provided by the 31 countries covered the Joint Migration Questionnaires 2002-2008. For the JMQ 2008, the original questionnaires sent by the NSIs (not verified by Eurostat) were used. For the JMQ 2006 and JMQ2007, the questionnaires checked and corrected by Eurostat were used. For the JMQs 2003-2005, the analysis was based on the questionnaires checked and corrected by CEFMR on behalf of Eurostat within the *Annual Demographic Statistics, Annual Migration Statistics and Annual Regional Statistics* project. For the JMQ 2002 (requesting population stock data for 1 January 2002) the original questionnaires sent by the NSIs were used for availability checks.

The results of the analysis of the data availability are presented for each country in the *Country reviews* section of the report. Tables 7 and 8 on the following pages provide an overview of the situation for all 31 countries. Data were marked as unavailable based on the information provided in the JMQ or based on information from the THESIM project. Other missing data were marked as “not provided to Eurostat”. In addition to data missing, a number of other problems were detected, for example provisional data were provided, data were provided for some citizenship or country of birth categories only, for broad age groups, or for a different reference date.

In addition to the data from the annual data collection, Eurostat collects and disseminates statistics on population by citizenship, sex and age and by country of birth, sex and age collected by the countries during population censuses. Like other statistics, census data are disseminated through the online database and are located under *Population and social conditions* theme, *Population* sub-theme, in the *Census* (cens) domain of the database. Basic information (census reference date and census type) about the most recent census conducted in each of the 31 countries is presented in Table 9. In the same table, the results of the review of the availability of census data in the Eurostat on-line database are presented. It shows, that census data on population by citizenship and country of birth are available for almost all 31 countries, unlike annual population statistics.

Data on total population stock on 1 January are collected by Eurostat also in the annual Demographic Statistics data collection conducted jointly with other international organisations (currently UNSD). Population data by sex and age are located under *Population and social conditions* theme, *Population* sub-theme, in the Demography (pop) domain of the database. The results of the review of the availability of these data for the years 2002-2008 for the 31 countries covered by the project are presented in Table 10. Data are usually available for age groups up to 90+ or more.

A supplementary source of data on population stock by citizenship could be Labour Force Survey (LFS). However, the availability of data from the LFS in the Eurostat database is limited and the reliability of data is probably not high, due to the nature of the data source. The LFS tables are located under *Population and social conditions* theme, *Labour market* domain. There is a table with population data containing nationality dimension (Population by sex, age groups, nationality and labour status). The tables contain data on “Non-nationals but citizens of other EU15 countries”, “Citizens of countries outside the EU15”, “Non-nationals but citizens of other EU25 countries”, “Citizens of countries outside the EU25”, “Non-nationals but citizens of other EU27 countries” and “Citizens of countries outside the EU27”. The data for EU25 and EU27 are usually available since 2005. However, the table does not contain data on individual country of citizenship level. The availability of LFS data for selected countries (those for which LFS data might be particularly useful, i.e. those where data on total nationals and total foreigners or breakdown by EU – non-EU citizens are missing) is presented in Table 11.

Table 7. Availability of data on population stock by citizenship, sex and age in the JMQ, 31 countries, 2002-2008

Country	2002	2003	2004	2005	2006	2007	2008
Austria	+	+	+	+	+	+	+
Belgium	+	x	-	-	-	-	+
Bulgaria	-	-	-	-	-	-	+
Cyprus	dref	-	-	-	-	na	na
Czech Republic	+	+	+	+	+	+	+
Denmark	+	+	+	+	+	-	i
Estonia	na	na	na	na	-	na	na
Finland	+	+	+	+	+	+	+
France	-	-	-	dref	-	-	-
Germany	for, broad age, ±agesex, i	±age, broad age, i	for, i	i	p, i	+	+
Greece	-	-	i	for, ±sex	for	for	for
Hungary	for	for	+	+	+	+	+
Ireland	p, ±ctz, broad age, dref	p, ±ctz, broad age, dref	p, ±ctz, broad age, dref	p, ±ctz, broad age, dref	p, ±ctz, broad age, dref	p, ±ctz, broad age	p, ±ctz, broad age
Italy	dref	-	-	-age	-age	-age	-age
Latvia	-age	+	+	+	+	+	+
Lithuania	-	-ctz	-ctz	+	+	+	+
Luxemburg	-	-	tot, nat	±ctz, ±age, ±sex	±ctz, ±age, ±sex	±ctz, ±age, ±sex	±ctz, ±age, ±sex
Malta	-	-	-	-	-	tot, nat	+
Netherlands	+	+	+	+	+	+	+
Poland	dref	-	-	-ctz	-ctz	+	+
Portugal	p, for, -age	p, for	-	-	-	-sex, -age, for, p	-sex, -age, p
Romania	dref	-	+	+	+	+	+
Slovakia	-	-	for	i	i	i	i
Slovenia	+	+	+	+	+	+	+
Spain	+	-	p	+	+	+	+
Sweden	+	+	+	+	+	+	+
United Kingdom	-	±ctz, dref	dref	dref	dref	dref	-
Iceland	+	+	-	-	-	-	-
Lichtenstein	-	-	-	-	-	-	-
Norway	+	+	+	+	+	+	+
Switzerland	+	+	+	+	+	+	+

+ data provided to Eurostat; **-** data were not provided to Eurostat; **-age** no disaggregation by age; **-ctz** no disaggregation by citizenship; **-sex** no disaggregation by sex; **±age** disaggregation by age provided for a few citizenship categories; **±agesex** disaggregation by age not provided for Males and Females; **±ctz** data provided for a few citizenship categories; **±sex** disaggregation by sex provided for a few citizenship categories only; **a70** age provided only until 70 years, with the open-ended group 70+; **aggreg** data available for citizenship aggregates only; **broad age** data disaggregated by broad age groups; **dref** reference date different than 1 January; **for** data provided for foreigners; **i** data inconsistency problems; **large Unk** large proportion of unknown citizenship; **na** data not available; **nat** data provided for nationals; **non-EEA** data provided for non-EEA citizens only; **p** provisional data; **x** problems have been detected in the data sent by the NSI; **tot** data provided for total.

Table 8. Availability of data on population by country of birth, sex and age in the JMQ, 31 countries, 2002-2008¹⁴.

Country	2002	2003	2004	2005	2006	2007	2008
Austria	-cob	-cob	-cob	-cob	-cob	+	+
Belgium	-age	x, -age	-	-	-	-	p
Bulgaria	-	-	-	-	-	-	-cob
Cyprus	-age, dref	na	na	na	na	na	na
Czech Republic	-	-cob	-cob	-cob	-cob	-cob	-cob
Denmark	-age	-age	-age	+	+	-	i
Estonia	na	na	na	na	-	na	na
Finland	-age	-age	-age	+	+	+	+
France	-	-	-	dref	-	-	-
Germany	-	-cob	-cob	-cob	p, -cob	-cob	-cob
Greece	-	-	-cob	-	-	-	-
Hungary	-	-	-cob	-cob	-cob	-cob	-cob
Ireland	p, ±cob, -age, dref	p, ±cob, -age, dref	p, ±cob, -age, dref	p, ±cob, broad age, dref	p, ±cob, broad age, dref	p, ±cob, broad age	p, ±cob, broad age
Italy	-	-	-	-cob, -age	-cob, -age	-cob, -age	-cob, -age
Latvia	-cob	-age	-age	-age	-age	+	+
Lithuania	-cob, -age	-	-age	+	+	+	+
Luxemburg	-	-	-cob	-cob	-cob	-cob	-cob
Malta	-	-	-	-	-	-cob, -age	-cob
Netherlands	-age	-age	-age	+	+	+	+
Poland	-age, dref	-	-	-cob	-cob	-cob	-cob
Portugal	-	na	na	na	-	na	-
Romania	-age, dref	-	-age	-cob	+	+	+
Slovakia	-	-	for, -age	-age	for	for	for
Slovenia	-age	-age	-age	+	+	+	+
Spain	-age	-	p, -age	+	+	+	+
Sweden	-age	-age	-age	+	+	+	+
United Kingdom	-	±cob, -age, dref	±cob, dref	±cob, dref	±cob, dref	±cob, dref	-
Iceland	-age	-age	-	-	-	-	-
Lichtenstein	-	-	-	-	-	-	-
Norway	+	-age	-age	+	+	+	+
Switzerland	-cob	-cob	-cob	-cob	-cob	-cob	-cob

+ data were provided to Eurostat; **-** data were not provided to Eurostat; **-age** no disaggregation by age; **-cob** no disaggregation by country of birth; **-sex** no disaggregation by sex; **±age** disaggregation by age provided for a few country of birth categories; **±cob** data provided for a few country of birth categories; **a70** age provided only until 70 years, with the open-ended group 70+; **aggreg** data available for citizenship aggregates only; **broad age** data disaggregated by broad age groups; **dref** reference date different than 1 January; **for** data provided for foreigners only; **i** data inconsistency problems; **large Unk** large proportion of unknown country of birth; **na** data not available; **nat** data provided for nationals only (for Malta Persons of Maltese origin); **non-EEA** data provided for non-EEA citizens only; **p** provisional data; **x** problems have been detected in the data sent by the NSI.

¹⁴ The age dimension appears in the table on population by country of birth since the Joint Migration Questionnaire 2005 (data for 2005)

Table 9. Overview of recent Census data on population by citizenship, sex and age and by country of birth, sex and age, 31 countries.

Country	Reference date	Census type	Availability of data in the Eurostat database	
			Population by citizenship, sex and age	Population by country of birth, sex and age
Austria	15.05.2001	Traditional combined with the use of registers	+	+
Belgium	01.10.2001	Traditional combined with the use of registers	+	+
Bulgaria	01.03.2001	Traditional	+	+
Cyprus	01.10.2001	Traditional	+	+
Czech Republic	01.03.2001	Traditional	+	+
Denmark	1.01.2001	Register-based only	+	+
Estonia	31.03.2000	Traditional	-age	+
Finland	31.12.2000	Register-based only	+	+
France ¹⁵	08.03.1999	Traditional	+	+
Germany ¹⁶	25.05.1987 ? †	Traditional ?	- ±ctz, ±age	- -
Greece	18.03.2001	Traditional	+	+
Hungary	01.02.2001	Traditional	+	+
Ireland	28.04.2002 23.04.2006	Traditional	+ -	+ -
Italy	21.10.2001	Traditional	+	+
Latvia	31.03.2000	Traditional combined with the use of registers	+	+
Lithuania	06.04.2001	Traditional	+	+
Luxemburg	15.02.2001	Traditional combined with the use of registers	+	+
Malta	26.11.1995 27.11.2005	Traditional Traditional	- -	- -
Netherlands	1.01.2001	Register-based only	+	+
Poland	20.05.2002	Traditional	+	+
Portugal	12.03.2001	Traditional	+	+
Romania	18.03.2002	Traditional	+	+
Slovakia	26.05.2001	Traditional	+	+
Slovenia	31.03.2002	Traditional combined with the use of registers	±ctz, ±age ¹⁷	±ctz, ±age ¹⁷
Spain	01.11.2001	Traditional combined with the use of registers	+	+
Sweden	01.11.1990 1.01.2001 [†]	Register-based combined with a questionnaire <i>Population register data</i>	+ +	+ +
United Kingdom	29.04.2001	Traditional	-	+
Iceland	31.12.2000 [†]	<i>Population register data</i>	+	+
Lichtenstein	5.12.2000	Traditional combined with the use of registers	+	+
Norway	3.11.2001	Register-based combined with a questionnaire	+	+
Switzerland	5.12.2000	Traditional combined with the use of registers	+	+

+ data available at the Eurostat database; - data not available at the Eurostat database; -age no disaggregation by age; ±age disaggregation by age provided for a few country of birth categories; ±ctz data provided for selected citizenship categories; † reference date of the census data in the Eurostat database.

Note: In some countries, citizenship or country of birth have not been specified for a significant proportion of persons.

¹⁵ France – Rolling census since 2004

¹⁶ Germany – There are data in the “Census 2001 round” part of the Eurostat database, marked as unreliable, and it is not clear what is the source or the reference date of these data. These data should be probably removed from the database.

¹⁷ Slovenia – Data were not published if there were very few counts in a given category.

Table 10. Availability of data on population stock by sex and 1-year age group in the *pop* domain of the Eurostat database, 31 countries, 2002-2008

Country	2002	2003	2004	2005	2006	2007	2008
Austria	+	+	+	+	+	+	+
Belgium	+	+	+	+	+	+	+
Bulgaria	+	+	+	+	+	+	+
Cyprus	+	+	+	+	+	+	+
Czech Republic	+	+	+	+	+	+	+
Denmark	+	+	+	+	+	+	+
Estonia	u	u	u	u	u	u	u
Finland	+	+	+	+	+	+	+
France	+	+	+	+	+	+	+
Germany	+	+	+	85+	+	+	+
Greece	+	+	+	+	+	+	+
Hungary	+	+	+	+	+	85+	85+
Ireland	+	+	+	+	+	+	+
Italy	+	+	+	+	+	+	+
Latvia	+	+	+	+	+	+	+
Lithuania	+	+	+	+	+	+	+
Luxemburg	+	+	+	+	+	+	+
Malta	+	+	+	+	+	+	+
Netherlands	+	+	+	+	+	+	+
Poland	+	+	+	+	+	+	+
Portugal	85+	+	+	+	+	85+	85+
Romania	+	+	+	+	+	+	+
Slovakia	+	+	+	+	+	+	+
Slovenia	+	+	+	+	+	+	+
Spain	+	+	+	+	+	+	+
Sweden	+	+	+	+	+	+	+
United Kingdom	+	+	+	+	+	+	-age
Iceland	+	+	+	+	+	+	+
Lichtenstein	+	+	+	+	+	+	+
Norway	+	+	+	+	+	+	+
Switzerland	+	+	+	+	+	+	+

+ data available at the Eurostat database; - data not available at the Eurostat database; **-age** no disaggregation by age; **±age** disaggregation by age provided for a few country of birth categories; **u** non-zero “Unknown” category.

Table 11. Availability of the Labour Force Survey (LFS) data for selected countries, 2001–2008

Type of data	Year	Cyprus	Greece	France	Luxembourg	UK
Totals by sex and age	2001	+	+	+	+	+
	2002	+	+	+	+	+
	2003	+	+	+	+	+
	2004	+	+	+	+	+
	2005	+	+	+	+	+
	2006	+	+	+	+	+
	2007	+	+	+	+	+
	2008	+	+	+	+	+
Nationals by sex and age	2001	+	+	+	+	+
	2002	+	+	+	+	+
	2003	+	+	+	+	+
	2004	+	+	+	+	+
	2005	+	+	+	+	+
	2006	+	+	+	+	+
	2007	+	+	+	+	+
	2008	+	+	+	+	+
EU27 nationals, <i>or</i> non-EU27 nationals by sex and age	2001	+ (1,4)	+ (3,4)	+ (2,4)	+ (1,4)	+ (4)
	2002	+ (1,4)	+ (3,4)	+ (2,4)	+ (1,4)	+ (4)
	2003	+ (1,4)	+ (3,4)	+ (2,4)	+ (1,4)	+ (4)
	2004	+ (1,4)	+ (3,4)	+ (2,4)	+ (1,4)	+ (4)
	2005	+ (1)	+ (3)	+ (2)	+ (1)	+
	2006	+ (1)	+ (3)	+ (2)	+ (1)	+
	2007	+ (1)	+ (3)	+ (2)	+ (1)	+
	2008	+ (1)	+ (3)	+ (2)	+ (1)	+

+ data available in Eurostat; - data not available; ± some data available.

Note: In general, age is provided in the following distribution: 0–14, 15–19, ... , 70–74, 75+. Data refer to yearly averages (not to the population stocks as of 1st January).

Remarks:

(1) Dataset contains some estimates marked as uncertain; (2) Dataset contains 'No response' estimates marked as uncertain; (3) Data available only for selected age groups, estimates marked as uncertain; (4) EU15 nationals, *or* non-EU15 nationals by sex and age only.

4. Supplementary data

4.1 Complementary sources of data on migration flows and populations stocks

National statistical institutes

Websites of the NSIs are usually the most recent and the most reliable source of data for individual countries. The scope of data published by various countries differ, but generally is ever growing. Most countries publish the most recent statistics. Historical data are often available, although usually with less detail. In the *Country reviews* section, useful links to the data on migration flows and population stocks have been provided. However, as the availability of statistics changes dynamically, the NSIs websites should be re-checked whenever some specific data are needed. The addresses of the websites of the NSI websites for the 31 countries are given in Table 12.

Table 12. Addresses of websites of national statistical institutes

Austria	http://www.statistik.at/
Belgium	http://statbel.fgov.be/
Bulgaria	http://www.nsi.bg/
Cyprus	http://www.mof.gov.cy/mof/cystat/statistics.nsf/
Czech Republic	http://www.czso.cz/
Denmark	http://www.dst.dk/
Estonia	http://www.stat.ee/
Finland	http://www.stat.fi/
France	http://www.insee.fr/
Germany	http://destatis.de/
Greece	http://www.statistics.gr/
Hungary	http://portal.ksh.hu/
Ireland	http://www.cso.ie/
Italy	http://www.istat.it/
Latvia	http://www.csb.lv/
Lithuania	http://www.stat.gov.lt/lt/
Luxembourg	http://www.statec.public.lu/fr/index.html
Malta	http://www.nso.gov.mt/
Netherlands	http://www.cbs.nl/
Poland	http://www.stat.gov.pl/
Portugal	http://www.ine.pt/
Romania	http://www.insse.ro/
Slovak Republic	http://www.statistics.sk/
Slovenia	http://www.stat.si/
Spain	http://www.ine.es/
Sweden	http://www.scb.se/
United Kingdom	http://www.statistics.gov.uk/
Iceland	http://www.statice.is/
Lichtenstein	http://www.as.llv.li/
Norway	http://www.ssb.no/
Switzerland	http://www.statistics.admin.ch/

OECD

Organisation for Economic Co-operation and Development publishes annual reports on migration, known as SOPEMI¹⁸ reports: “Trends in International Migration” till 2005 and “International Migration Outlook” since 2006 to 2008. A distinctive feature of the SOPEMI reports since 2006 is that they present for the first time internationally harmonised data on long-term immigration flows of foreigners. The harmonisation was based on the legal status of immigrants: only those immigrants who hold permanent permits or indefinitely renewable permits were covered. Thus, from the point of view of the UN recommendations and the EU Regulation 862/2007, the data cover only a subset of long-term immigration flows.

In the “Country notes” part of the 2006-2008 reports, two sets of flow data have been presented: based on national definition and harmonised data. The Statistical annex contains, as in the previous years, mostly not harmonised data. In the SOPEMI report 2008 the following tables might be of interest to the *Modelling* project: Inflows of foreign population into selected OECD countries, Outflows of foreign population from selected OECD countries, Inflows of foreign population by nationality (for selected countries), Stock of foreign-born population in selected OECD countries, Stock of foreign-born population by country of birth (for selected countries), Stock of foreign population in selected OECD countries and Stock of foreign population by nationality (for selected countries). All listed tables cover the period 1997-2006 (in the 2006 report there are data for 1995-2004) and, unlike many other sources, are accompanied by detailed metadata. Selected sections of the 2008 report are available at http://www.oecd.org/document/3/0,3343,en_2649_33931_41241219_1_1_1_37415,00.html.

The data on migration published in the “International Migration Outlook” reports for 1995-2006 are available on-line in the database OECD.StatExtracts. It contains the data based on the national definitions, for 29 OECD countries (without Iceland), with the breakdown by age and country of origin, together with extensive metadata. It includes 21 out of 31 countries covered by the MIMOSA project.

The tables are available at the address <http://webnet.oecd.org/wbos/index.aspx>, in the theme *Demography and Population*, domain *Migration Statistics* and sub-domain *International Migration Database*. The series comprise of:

- Inflows of foreign population by nationality,
- Outflows of foreign population by nationality,
- Inflows of asylum seekers by nationality,
- Stock of foreign-born population by country of birth,
- Stock of foreign population by nationality,
- Acquisition of nationality by country of former nationality,
- Inflows of foreign workers by nationality,
- Stock of foreign labour by nationality.

In the *Migration Statistics* domain of the OECD.StatExtracts there is also a *Database on Immigrants in OECD Countries (DIOC)*. It contains the data on demographic and labour market characteristics of immigrants. It is based mainly on the censuses taken in 2001 round and national registers, with supplementary information from labour force surveys. Detailed metadata is provided. The data possibly relevant for the MIMOSA project is contained in the sub-domains *Immigrants by citizenship and age*, *Immigrants by sex and age*. The other categories contain data on immigrants by *detailed occupation, duration of stay, field of study, labour force status, occupation and sector*. The description of the DIOC database is presented at the address:

http://www.oecd.org/document/51/0,3343,en_2649_39023663_40644339_1_1_1_1,00.html.

¹⁸ SOPEMI – French acronym for Continuous Reporting System on Migration

Earlier, the OECD has developed a *Database on Expatriates and Foreign-born*. The database covers 29 OECD countries (also including 21 out of 31 countries covered by the *Modelling* project) and contains mainly the data from the 2001 round of censuses. In most cases the data on population by country of birth should be the same as in the Eurostat database. However, estimates prepared for Germany (based on the data from the annual Microcensus 1999-2002) might be of interest for the *Modelling* project. In Germany, the most recent census was conducted in 1987 and no annual data on population by country of birth are available. The *Database on Expatriates and Foreign-born* is available at

http://www.oecd.org/document/51/0,2340,en_2825_494553_34063091_1_1_1_1,00.html.

Council of Europe

Data on migration flows may be found in the country-specific tables on the CD-ROMs published as part of the annual “Recent demographic development in Europe” reports. The reports cover all member states of the Council of Europe (47 countries in the most recent – 2006 edition) and some non-member states. In principle the migration flow data should be the same as Eurostat’s data, but may be consulted if data at Eurostat are missing. Tables in the reports published before 2006 should be used with care, as various problems have been detected (e.g. it is not always clear if the disaggregation refers to citizenship or country of previous/next residence. The following overview tables in the 2005 report are of relevance to the *Modelling* project: Table 5.1 Population of foreign citizenship (data for 1 January 2003-2005), Table 5.2 Immigrants and immigration rate (data for 2001-2004) and Table 5.3 Emigrants and emigration rate.

UNSD

Each year the United Nations Statistical Division publishes its “Demographic yearbook”, however it does not include detailed international migration data. International migration statistics were published occasionally. In 2006, it has published on its website a collection of tables with census data, under the heading *Demographic Yearbook Special Census Topics* (available at <http://unstats.un.org/unsd/demographic/products/dyb/dybcens.htm>). The following tables are relevant to the *Modelling* project:

Table 1. Native and foreign-born population by age, sex and urban/rural residence: each census, 1985 - 2004;

Table 2. Foreign-born population by country or area of birth, age and sex;

Table 3. Foreign-born population in country or area for less than five years by country of birth, age and sex and urban/rural residence: each census, 1985 - 2004

Table 4. Population by country of citizenship, sex and urban/rural residence

If needed, these data may be used for the verification of the Eurostat data. Unfortunately, they are not very helpful as an alternative source for the census data that are not available in the Eurostat database (for Malta, Germany, and some data for Estonia and Slovenia). In particular, census data for Malta are missing in both Eurostat and UNSD databases. The UNSD database provides some Maltese data on foreign born population by country of birth from the 1985 census, but not from the 1995 or 2005 censuses. For German population census 1987, only a few citizenship categories are available (nationals, foreigners, citizens of Turkey, Greece, Italy, former Yugoslavia, unknown Europe and foreigners country not specified) and there is no data by country of birth. For Slovenia, there is less data than at Eurostat.

EC DG JLS

The European Commission’s Directorate General for Justice, Freedom and Security (DG JLS) published on its website three Annual Reports on Migration and Asylum (2001, 2002 and 2003) covering 29 European countries: 25 Member States, Bulgaria, Romania, Iceland and Norway. The 2003 report is available at

http://ec.europa.eu/justice_home/doc_centre/asylum/statistics/doc_annual_report_2003_en.htm.

Migration flow tables have been prepared by CEFMR and contain data on total immigration and emigration for the years 2000-2003 and data on immigration and emigration by citizenship. Most data come from the Eurostat database but some missing data have been taken from the NSI websites. Population stock data were given for total population, total non-nationals, EU15, EU10 and ten most important 3rd country (non-EU25) nationals on 1 January 2001-2004. Data were taken mainly from the Eurostat database, NSI websites, European Migration Network contact points and some estimates prepared by G DAP UCL.

4.2 Supplementary information potentially useful for estimating missing data on migration flows and population stocks, and sources of supplementary information

This section presents the availability of supplementary data that can be used in the estimations of population stocks and migration flows: data on acquisition and loss of citizenship, vital statistics, and data from the registers of foreigners or residence permits registers.

4.2.1 Acquisition and loss of citizenship

Data on acquisition and loss of citizenship are collected by Eurostat through the Joint Migration Questionnaire. Although both data on acquisitions of citizenship and on loss of citizenship are collected, only the data on acquisitions are loaded into the on-line database. Table 12 presents the availability of data on acquisitions of citizenship in the country replies to the Joint Migration Questionnaire, for the period 2001-2007.

An alternative source that can be consulted are the SOPEMI reports. For example, the most recent report “International Migration Outlook 2008” contains the following tables: Acquisition of nationality in selected OECD countries and Acquisition of nationality by country of former nationality (for selected countries).

Table 13. Availability of data on acquisition of citizenship by previous citizenship and on loss of citizenship in the JMQ, 31 countries, 2001-2007.

		2001	2002	2003	2004	2005	2006	2007
Austria	Acquisition	+	+	+	+	+	+	+
	Loss	na	-	-	-	-	-	-
Belgium	Acquisition	+	-	+	-	-	-	+
	Loss	+	-	+	-	-	-	+
Bulgaria	Acquisition	-	-	-	-	-	+	+
	Loss	-	-	-	-	-	+	+
Cyprus	Acquisition	+	+	+	+	+	+	+
	Loss	-	-	-	-	-	-	-
Czech Rep.	Acquisition	-	+	+	+	+	+	+
	Loss	-	-	-	na	na	na	na
Denmark	Acquisition	+	+	+	+	+	+	+
	Loss	-	-	-	-	-	-	-
Estonia	Acquisition	+	+	+	+	+	+	+
	Loss	+	+	+	+	+	+	+
Finland	Acquisition	+	+	+	+	+	+	+
	Loss	-	-	-	-	na	na	na
France	Acquisition	+	-	+	+	+	+	+
	Loss	-	-	-	-	-	na	na
Germany	Acquisition	+	+	+	+	+	+	-
	Loss	-	-	-	-	-	-	-
Greece	Acquisition	-	-	-ctz	-ctz	-ctz	-ctz	-
	Loss	-	-	+	+	+	+	-
Hungary	Acquisition	+	+	+	+	+	+	+
	Loss	+	+	+	+	-	-	-
Ireland	Acquisition	-	-	-ctz	-ctz	-ctz	-ctz	+
	Loss	-	-	-	-	-	-	-
Italy	Acquisition	-	-	+	+	-	-ctz	-
	Loss	-	-	na	-	-	-	-
Latvia	Acquisition	+	+	+	+	+	+	+
	Loss	+	+	+	+	+	+	+
Lithuania	Acquisition	+	+	+	+	+	+	+
	Loss	+	+	+	+	+	+	+
Luxemburg	Acquisition	+	+	+	+	+	+	+
	Loss	-	-	-	-	-	-	-
Malta	Acquisition	na	na	-	-	-	-ctz	+
	Loss	na	na	-	-	-	-	+
Netherlands	Acquisition	+	+	+	+	+	+	+
	Loss	+	+	+	+	+	+	+
Poland	Acquisition	+	+	+	+	+	+	+
	Loss	+	+	+	+	+	+	+
Portugal	Acquisition	p	+	+	+	-	p	-
	Loss	-	-	-	-	-	-	-
Romania	Acquisition	+	+	+	+	+	+	+
	Loss	-	+	+	+	+	+	+
Slovakia	Acquisition	+	+	+	+	+	+	+
	Loss	+	-	+	+	+	+	+
Slovenia	Acquisition	+	+	+	+	+	+	+
	Loss	+	+	+	+	+	+	+
Spain	Acquisition	+	+	+	+	+	+	+
	Loss	-	-	-	-	-	-	-
Sweden	Acquisition	+	+	+	+	+	+	+
	Loss	+	+	+	+	+	+	+
UK	Acquisition	+	-	+	p	p	p	p
	Loss	-	-	-	-	-	-	-
Iceland	Acquisition	p	p	-	-	-	-	+
	Loss	p	p	-	-	-	-	-
Lichtenstein	Acquisition	-	-	-	-	-	-	-
	Loss	-	-	-	-	-	-	-
Norway	Acquisition	+	+	+	+	+	+	+
	Loss	-	-	-	na	na	na	-
Switzerland	Acquisition	+	+	+	+	+	+	+
	Loss	-	-	na	-	-	-	-

p provisional data; **na** data not available; **-ctz** no breakdown by citizenship.

Source: Acquisition 2001-2005 – Eurostat on-line database; 2006-2007 – JMQ2007 and JMQ2008 (unchecked); Loss 2001 – unchecked JMQ questionnaires (mainly); Loss 2002-2005 – checked JMQs.

BE JMQ 2001 – only data on loss of ctz by ctz (?), no total.

4.2.2 Vital statistics

Data on live births by sex and total deaths by sex are available for all the years 2001-2007 for all 31 countries. They can be downloaded from the demo domain of the Eurostat on-line database (table `demo_gind`, located at Demography/National data/Main demographic indicators/Population change). Also, data on live births by month in the census year are available in all 31 countries (table `demo_fmonth`, located at Demography/National data/Fertility/Live births by month). Data on total deaths by month in the census year are available for all countries except for Cyprus (2001) and Malta (1995) (table `demo_mmonth`, located at Demography/National data/Mortality/Deaths by month). Data on deaths by age reached during the year (table `demo_mager` at Demography/National data/Mortality/Deaths by sex and age reached during the year) are less complete (see Table 14), but in some cases might be estimated using data on deaths by age at last birthday (`demo_magec`).

Table 14. Availability of data on deaths by sex and age reached during the year in the DEMO domain of the Eurostat database, 31 countries, 2000-2007

Country	2000	2001	2002	2003	2004	2005	2006	2007
Austria	+	+	+	+	+	+	+	+
Belgium	+	+	+	+	+	+	+	+
Bulgaria	+	+	+	+	+	+	+	+
Cyprus	c	c	c	+	+	+	+	+
Czech Republic	+	+	+	+	+	+	+	+
Denmark	+	+	+	+	+	+	+	+
Estonia	+	+	+	+	+	+	+	+
Finland	+	+	+	+	+	+	+	+
France	+	+	+	+	+	+	+	-
Germany	+	+	+	+	+	+	+	+
Greece	+	+	+	+	+	+	+	+
Hungary	+	+	+	+	+	+	+	+
Ireland	c	c	c	c	c	c	-	-
Italy	+	+	+	+	+	+	+	-
Latvia	+	+	+	+	+	+	+	+
Lithuania	+	+	+	+	+	+	+	+
Luxemburg	+	+	+	+	+	+	+	+
Malta	c	c	c	c	c	c	+	+
Netherlands	+	+	+	+	+	+	+	+
Poland	+	+	+	+	+	+	+	+
Portugal	+	+	+	+	+	+	+	+
Romania	+	+	+	+	+	+	+	+
Slovakia	+	+	+	+	+	+	+	+
Slovenia	+	+	+	+	+	+	+	+
Spain	+	+	+	+	+	+	+	+
Sweden	+	+	+	+	+	+	+	+
United Kingdom	+	+	+	+	+	+	+	-
Iceland	+	+	+	+	+	+	+	+
Lichtenstein	+	+	+	+	+	+	+	+
Norway	+	+	+	+	+	+	+	+
Switzerland	+	+	+	+	+	+	+	+

+ data available at the Eurostat database; - data not available at the Eurostat database; c - no data by age reached during the year, but data by age at last birthday are available.

4.2.3 Residence permits

In some countries statistics on migration flows and/or on foreign population stocks are prepared using the data from the register of foreigners or the residence permit database. Such data might be useful for preparing estimations in those countries which do not currently have flow or stock statistics for foreigners or in those countries where no disaggregation by citizenship is available.

Data on residence permits are currently not available in the Eurostat on-line database and there is no well established data collection on residence permits similar to the Joint Questionnaire on International Migration Statistics. Some data on residence permit were collected within the preparation of the EC DG JLS Annual Reports on Migration and Asylum, however only total number of permits by reason was requested, with no disaggregation by citizenship, and the response level was very low. For the 2003 report only 9 countries provided the requested data, and additional data were collected for 11 countries from the websites of ministries of interior by INED, who was responsible for reporting on residence permits. Residence permit data from the 2003 DG JLS report are available at http://ec.europa.eu/justice_home/doc_centre/asylum/statistics/doc_annual_report_2003_en.htm.

Much more comprehensive collections were conducted among 25 EU Member States by Eurostat and DG JLS in 2005 and 2006 for the reference year 2004 and 2005, respectively and served as a pilot collection for the new framework based on Article 6 of the Regulation 862/2007. The collections concerned residence permits for both non-EU and EU citizens. There were separate tables for each permit reason (employment, education and study, family formation and reunification) and disaggregations by citizenship and by sex were requested. Data on permits issued to non-EU citizens for reasons related to employment or education and study were collected separately for permits valid less than 12 months and 12 months or more. In the case of permits issued to EU citizens, a breakdown by permit duration was requested for permits related to employment, and a breakdown by broad age group for all permit types. In addition to “flow” tables referring to the number of permits during the year there was one table referring to stock data, concerning non-EU citizens having long-term residence status at 1 January of the reference year (disaggregated by citizenship and sex). In both data collections not all the countries send their replies and in most case the completeness of tables was poor. However, there were countries which were able to provide a large proportion of requested data. The situation for the 2005 reference year was better than for 2004: more countries provided the data and data were more complete.

The guidelines of the current collection framework based on Article 6 were formulated and distributed to the member states at the end of December 2008 together with the new templates. The data should be provided to Eurostat on the annual basis, within 6 months of the end of the reference year. The first reference year is 2008 (2007 is voluntary, with the deadline set at 21 February 2009). According to Article 6, the data on following types of the residence permits will be collected: (1) first permits granted to third-country nationals during the reference year, disaggregated by citizenship, reason for the permit being issued and by the length of validity of the permit; (2) permits granted during the reference period on the occasion of person changing immigration status or reason to stay, disaggregated by citizenship, reason for the permit being issued and by the length of validity; (3) permits valid at the end of the reference period, disaggregated by citizenship, reasons for the permit being issued and by the length of validity; (4) number of long-term residents at the end of reference period.

5. Country reviews

This section contains the reviews of the availability of migration flow and population stock data for each of the 31 countries separately. Each country review includes information about availability of core and supplementary data in Eurostat and in complementary sources, as well as meta-data (description of data) concerning flow, annual population and census and annual population statistics. In the meta-data part, the items for which information was available neither from the THESIM reports nor from other inspected sources were marked with the question mark.

Austria

Annual statistics on international migration flows

Source	population register
Reference period	calendar year
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included (since October 2004)
Foreign students	included?
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc	not included?
Measurement of events or persons?	events
Date of migration	date of registration/deregistration?
Definition:	
Residence criterion:	legal
Duration of stay - immigration	
- length	3 months
- intended/actual/permit/other	actual?
Duration of stay - emigration	
- length	3 months
- intended/actual/permit/other	?
Available characteristics:	
By sex and age	+
By origin/destination, sex and age	+
By citizenship, sex and age	+
By country of birth, sex and age	-

Census statistics on population stocks

Census type	traditional combined with the use of registers
Reference date	15.05.2001
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included if had received a residence permit
Foreign students	included on the same principles as other foreigners?
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal?
Duration of stay - persons present	
- length	nationals – no time limit?, foreigners: >=12 months
- intended/actual/permit/other	nationals: not applicable?, foreigners:?
Duration of stay - residents abroad	
- length	<= 12 months
- intended/actual/valid permit/other	intended?
Available characteristics:	
By citizenship, sex and age	+
By country of birth, sex and age	+

Annual statistics on population stocks

Source	population register
Reference date	1 January
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included (since 2005?)
Foreign students	included?
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included?
Definition:	
Residence criterion:	legal
Duration of stay - persons present	
- length	3 months?
- intended/actual/permit/other	actual?
Duration of stay - residents abroad	
- length	less than 3 months?
- intended/actual/valid permit/other	?
Available characteristics:	
By sex and age	+
By citizenship, sex and age	+
By country of birth, sex and age	±

Remarks

Data on population by country of birth are available from 1.01.2007

Supplementary data sources

Almost complete data on population stocks are available at a charge from the on-line NSI database ISIS (only limited access is available free of charge).

The data contain information on age and sex distributions of the population (free of charge), distinction by nationals, EU and non-EU foreigners, but with respect to the European Union as of 1st May 2004 (excluding Bulgaria and Romania) is available at a charge. The relevant collection is available under: ISIS Database ► AB demography ► AE structure ► CC resident population ► YH summary data; updated averages ► K8X population as per the beginning of the year. The url to the ISIS database is as follows:

http://www.statistik.at/web_en/publications_services/isis_database/index.html.

Some data on migration are available at the OECD databases (described in Section 4.1).

Data availability at Eurostat**Availability of data in the Joint Migration Questionnaire, 2001-2007¹⁹**

Immigration	2001	2002	2003	2004	2005	2006	2007
Total immigration	+	+	+	+	+	+	+
Total immigration by sex and age	+	+	+	+	+	+	+
Immigration by country of previous residence, sex and age	-age	-age, large Unk	-age, large Unk	Large Unk	Large Unk	Large Unk	+
Immigration by citizenship, sex and age	+	large Unk	+	+	+	+	+
Emigration	2001	2002	2003	2004	2005	2006	2007
Total emigration	+	+	+	+	+	+	+
Total emigration by sex and age	+	+	+	+	+	+	+
Emigration by country of next residence, sex and age	-age	-age, large Unk	-age, large Unk	Large Unk	Large Unk	Large Unk	Large Unk
Emigration by citizenship, sex and age	+	+	+	+	+	+	+
Acquisition and loss of citizenship	2001	2002	2003	2004	2005	2006	2007
Acquisition of citizenship by previous citizenship	+	+	+	+	+	+	+
Loss of citizenship	na	-	-	-	-	-	-
Population stocks	2002	2003	2004	2005	2006	2007	2008
Total population	+	+	+	+	+	+	+
Total population by sex and age	+	+	+	+	+	+	+
Population by citizenship, sex and age	+	+	+	+	+	+	+
Population by country of birth, sex and age	na	na	na	na	na	+	+

+ data were provided to Eurostat; - data were not provided to Eurostat; **-age** no disaggregation by age; **-sex** no disaggregation by sex; **±age** disaggregation by age provided for a few citizenship (or origin/destination) categories; **±ctz** data provided for a few citizenship categories; **±dest** data provided for a few destination categories; **±origin** data provided for a few origin categories; **aggreg** data available for citizenship (or origin/destination) aggregates only; **broad age** data disaggregated by broad age groups; **delay** data were provided with one year delay; **for** data provided for foreigners only; **large Unk** large proportion of unknown origin/destination; **na** data not available; **nat** data provided for nationals only; **non-EEA** data provided for non-EEA citizens only; **p** provisional data.

Note: Data on population stock were sent to Eurostat with one year delay. Data on population by country of birth will be available from 1.01.2006.

Availability of Census data on population by citizenship, sex and age and by country of birth, sex and age in the Eurostat database

Population by sex	+
Population by sex and age	+
Population by citizenship, sex and age	+
Population by country of birth, sex and age	+

¹⁹ The age dimension has been requested in the tables on flows by country of previous/next residence and in the table on population by country of birth since the Joint Migration Questionnaire 2005 (flow data for 2004).

Belgium

Annual statistics on international migration flows

Source	population register
Reference period	calendar year
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	not included
Foreign students	included?
Undocumented migrants	not included
Foreign diplomats etc	not included?
National diplomats etc	not included?
Measurement of events or persons?	events
Date of migration	date of registration/deregistration?
Definition:	
Residence criterion:	legal
Duration of stay - immigration	
- length	3 months
- intended/actual/permit/other	intended
Duration of stay - emigration	
- length	3 months or permit expiry
- intended/actual/permit/other	intended or permit
Available characteristics:	
By sex and age	+
By origin/destination, sex and age	-
By citizenship, sex and age	+
By country of birth, sex and age	-

Remarks

Data are not regularly delivered to Eurostat.

According to THESIM data on flows by previous/next county of residence are not available due to the low quality of data and legal constraints on the publication of data.

Census statistics on population stocks

Census type	traditional combined with the use of registers
Reference date	1.10.2001
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included if had received a residence permit
Foreign students	included on the same principles as other foreigners?
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal?
Duration of stay - persons present	
- length	nationals and EEA – no time limit?, non-EEA >= 3 months
- intended/actual/permit/other	nationals and EEA: not applicable?, non-EEA: ?
Duration of stay - residents abroad	
- length	not applicable (persons not included)
- intended/actual/valid permit/other	not applicable
Available characteristics:	
By citizenship, sex and age	+
By country of birth, sex and age	+

Annual statistics on population stocks

Source	population register
Reference date	1 January
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included
Foreign students	included?
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal
Duration of stay - persons present	
- length	3 months?
- intended/actual/permit/other	intended?
Duration of stay - residents abroad	
- length	<=3months
- intended/actual/valid permit/other	intended
Available characteristics:	
By sex and age	+
By citizenship, sex and age	+
By country of birth, sex and age	+

Remarks

Data were not regularly delivered to Eurostat.

Supplementary data sources

A complete set of data on population stocks by sex, age and citizenship is available from the NSI website from the addresses given below.

Population by citizenship and age (FR refers to pages in French and NL to pages in Dutch):

1.01.2002:	http://www.statbel.fgov.be/pub/d2/p202y2002_fr.pdf (FR), .../p202y2002_nl.pdf (NL)
1.01.2003:	http://www.statbel.fgov.be/pub/d2/p202y2003_fr.pdf (FR), .../p202y2003_nl.pdf (NL)
1.01.2004:	http://www.statbel.fgov.be/pub/d2/p202y2004_fr.pdf (FR), .../p202y2004_nl.pdf (NL)
1.01.2005:	http://www.statbel.fgov.be/pub/d2/p202y2005_fr.pdf (FR), .../p202y2005_nl.pdf (NL)
1.01.2006:	http://www.statbel.fgov.be/pub/d2/p202y2006_fr.pdf (FR), .../p202y2006_nl.pdf (NL)

Foreign population by sex:

All years: http://www.statbel.fgov.be/figures/d21_fr.asp#5 (FR), [.../d21_nl.asp#5](http://www.statbel.fgov.be/figures/d21_nl.asp#5) (NL)

All data on foreign population by citizenship, sex and age can be downloaded from:

All years: http://ecodata.mineco.fgov.be/mdf/Population_etrangere.jsp (FR), [.../bevolking.jsp](http://ecodata.mineco.fgov.be/mdf/bevolking.jsp) (NL)

Some data on migration are available in the OECD databases (described in Section 4.1).

Data availability at Eurostat – remarks

JMQ tables on flows have been delivered only for 2002 and 2003, but no aggregates have been provided. For 2003, the aggregates calculated from disaggregated data differ from the numbers published on the NSI website. The NSI did not respond to the query. JMQ tables on population stocks have been delivered only for 2002 and 2003, but no aggregates have been provided in the tables on population by citizenship. Total calculated from disaggregated data differs from the Total in the table by country of birth. Some other inconsistencies have been also detected in the table on population by country of birth and sex. The NSI did not respond to the query. It should be checked if the problems concerning 2003 data appear also in the 2001 flow data and 2002 stock data.

Data availability at Eurostat**Availability of data in the Joint Migration Questionnaire, 2001-2007²⁰**

	2001	2002	2003	2004	2005	2006	2007
Immigration							
Total immigration	+	-	x	-	-	-	-
Total immigration by sex and age	+	-	x	-	-	-	-
Immigration by country of previous residence, sex and age	na	na	na	na	-	-	na
Immigration by citizenship, sex and age	+	-	x	-	-	-	-age
Emigration							
Total emigration	+	-	x	-	-	-	-
Total emigration by sex and age	+	-	x	-	-	-	-
Emigration by country of next residence, sex and age	na	na	na	na	-	-	na
Emigration by citizenship, sex and age	+	-	x	-	-	-	-age
Acquisition and loss of citizenship							
Acquisition of citizenship by previous citizenship	+	-	+	-	-	-	+
Loss of citizenship	+	-	+	-	-	-	+
Population stocks							
Total population	+	x	-	-	-	-	+
Total population by sex and age	+	x	-	-	-	-	+
Population by citizenship, sex and age	+	x	-	-	-	-	+
Population by country of birth, sex and age	-age	x, -age	-	-	-	-	p

+ data were provided to Eurostat; **-** data were not provided to Eurostat; **-age** no disaggregation by age; **-sex** no disaggregation by sex; **±age** disaggregation by age provided for a few citizenship (or origin/destination) categories; **±ctz** data provided for a few citizenship categories; **±dest** data provided for a few destination categories; **±origin** data provided for a few origin categories; **aggreg** data available for citizenship (or origin/destination) aggregates only; **broad age** data disaggregated by broad age groups; **delay** data were provided with one year delay; **for** data provided for foreigners only; **large Unk** large proportion of unknown origin/destination; **na** data not available; **nat** data provided for nationals only; **non-EEA** data provided for non-EEA citizens only; **p** provisional data; **x** problems have been detected in the data sent by the NSI

Availability of Census data on population by citizenship, sex and age and by country of birth, sex and age in the Eurostat database

Population by sex	+
Population by sex and age	+
Population by citizenship, sex and age	+
Population by country of birth, sex and age	+

²⁰ The age dimension has been requested in the tables on flows by country of previous/next residence and in the table on population by country of birth since the Joint Migration Questionnaire 2005 (flow data for 2004).

Bulgaria

Annual statistics on international migration flows

Source	population register
Reference period	calendar year
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	?
Foreign students	?
Undocumented migrants	not included
Foreign diplomats etc	not included?
National diplomats etc	included?
Measurement of events or persons?	events
Date of migration	
Definition:	
Residence criterion:	legal
Duration of stay - immigration	
- length	?
- intended/actual/permit/other	actual
Duration of stay - emigration	
- length	?
- intended/actual/permit/other	actual
Available characteristics:	
By sex and age	+
By origin/destination, sex and age	±
By citizenship, sex and age	±
By country of birth, sex and age	-

Remarks

No migration flow data were provided in response to the JMQs 2002-2007. NSI published only some border statistics (arrivals and departures, irrespective of the duration of stay) and selected residence permit data (number of permanent residence permits granted during the year, by citizenship). 2007 flow data became available in the JMQ 2008,

Census statistics on population stocks

Census type	traditional
Reference date	1.03.2001
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included if had received the permanent residence permit
Foreign students	not included
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal?
Duration of stay - persons present	
- length	permanent residence status?
- intended/actual/permit/other	not applicable?
Duration of stay - residents abroad	
- length	not permanent?
- intended/actual/valid permit/other	intended?
Available characteristics:	
By citizenship, sex and age	+
By country of birth, sex and age	+

Annual statistics on population stocks

Source	estimations using the component method
Reference date	1 January
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	partially included (if received the permanent residence permit before the census)
Foreign students	not included
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal
Duration of stay - persons present	
- length	till 2007: permanent residence status?
- intended/actual/permit/other	not applicable?
Duration of stay - residents abroad	
- length	till 2007: not permanent?
- intended/actual/valid permit/other	till 2007: intended?
Available characteristics:	
By sex and age	+
By citizenship, sex and age	±
By country of birth, sex and age	-

Remarks

Annual population numbers are prepared using the component method, based on the initial figure from 2001 census and annual vital and internal migration statistics. Till 1 January 2007, international migration and acquisition of citizenship were not taken into account due to the lack (or poor accessibility) of data. International migration was taken into account when calculating population for 1 January 2008.

Supplementary data sources

There are two potential sources that could be potentially used in future: the population register, where permanent residents of Bulgaria are registered, and the residence permits database. However, there is a clear under-declaration of emigrations in the population register. Using the residence permit database, it should be possible to calculate the number of non-EU immigrants who received a permit for staying one year or more. However, there was still no attempt to produce such data, because there is a problem of separation of first, second and subsequent permits. In future, it should be also possible to calculate the number of continued stay certificates and cards issued to EU citizens and their family members, respectively). Moreover, statistics of foreigners by age and sex should be possible to produce. Rough estimates of emigration of foreigners could be based on the number of expired permits. Currently, only the total number of permanent residence permits granted during the year, by citizenship, are published by the NSI (data for 2005 were published in the Bulgarian *Demographic Yearbook 2005*). Some population data for 1 January 2006-2008 and 2007 flow numbers are available on the website: http://www.nsi.bg/Population_e/Population07.htm and in *Population and Demographic Processes 2007*. NSI launched a specialized statistical survey in order to comply with the Regulation 862/2007.

The following methodological information was published in the *Methodology and basic concepts* section on the NSI's website http://www.nsi.bg/Population_e/Population_e.htm:

"Data on international migration include only persons who have declared to the administrative authorities change of their present address in the country with a new one outside it and of an address outside the country with a new one in the country.

Data on Bulgarian citizens who have entered or left the country include only persons who have crossed the country borders once and no reverse movement during the respective year is registered for them.

Data on foreigners permanently staying in the country are received on the basis of the permits for permanent residence on the country territory issued. [...]

Data on net migration and residence of Bulgarian citizens in some European countries is prepared on the basis of information from these countries included in the Council of Europe and Eurostat publications."

Data availability at Eurostat – remarks

No annual data on population stock have been sent in response to JMQs 2002-2007. They are available for the first time in JMQ 2008. In JMQ 2005, data on population stock from census 2001 have been provided.

Data availability at Eurostat**Availability of data in the Joint Migration Questionnaire, 2001-2007²¹**

	2001	2002	2003	2004	2005	2006	2007
Immigration							
Total immigration	-	-	-	-	-	-	+
Total immigration by sex and age	-	-	-	-	-	-	+
Immigration by country of previous residence, sex and age	-	-	-	-	-	-	+
Immigration by citizenship, sex and age	-	-	-	-	-	-	+
Emigration							
Total emigration	-	-	-	-	-	-	+
Total emigration by sex and age	-	-	-	-	-	-	+
Emigration by country of next residence, sex and age	-	-	-	-	-	-	+
Emigration by citizenship, sex and age	-	-	-	-	-	-	+
Acquisition and loss of citizenship							
Acquisition of citizenship by previous citizenship	-	-	-	-	-	+	+
Loss of citizenship	-	-	-	-	-	+	+
Population stocks							
Total population	2002	2003	2004	2005	2006	2007	2008
Total population by sex and age	-	-	-	-	-	-	+
Population by citizenship, sex and age	-	-	-	-	-	-	+
Population by country of birth, sex and age	-	-	-	-	-	-	-

+ data were provided to Eurostat; - data were not provided to Eurostat; **-age** no disaggregation by age; **-sex** no disaggregation by sex; **±age** disaggregation by age provided for a few citizenship (or origin/destination) categories; **±ctz** data provided for a few citizenship categories; **±dest** data provided for a few destination categories; **±origin** data provided for a few origin categories; **aggreg** data available for citizenship (or origin/destination) aggregates only; **broad age** data disaggregated by broad age groups; **delay** data were provided with one year delay; **for** data provided for foreigners only; **large Unk** large proportion of unknown origin/destination; **na** data not available; **nat** data provided for nationals only; **non-EEA** data provided for non-EEA citizens only; **p** provisional data.

Availability of Census data on population by citizenship, sex and age and by country of birth, sex and age in the Eurostat database

Population by sex	+
Population by sex and age	+
Population by citizenship, sex and age	+
Population by country of birth, sex and age	+

²¹ The age dimension has been requested in the tables on flows by country of previous/next residence and in the table on population by country of birth since the Joint Migration Questionnaire 2005 (flow data for 2004).

Cyprus

Annual statistics on international migration flows

Source	passenger survey at the borders
Reference period	calendar year
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included
Foreign students	included on the same principles as other foreigners?
Undocumented migrants	included?
Foreign diplomats etc	not included?
National diplomats etc	not included?
Measurement of events or persons?	events
Date of migration	date of survey
Definition:	
Residence criterion:	usual?
Duration of stay - immigration	
- length	1 year
- intended/actual/permit/other	intended
Duration of stay - emigration	
- length	1 year
- intended/actual/permit/other	intended
Available characteristics:	
By sex and age	+
By origin/destination, sex and age	+
By citizenship, sex and age	+
By country of birth, sex and age	±

Census statistics on population stocks

Census type	traditional
Reference date	1.10.2001
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included
Foreign students	included on the same principles as other foreigners?
Undocumented migrants	included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	usual?
Duration of stay - persons present	
- length	nationals: no time limit?, foreigners: >=12 months
- intended/actual/permit/other	nationals: not applicable; foreigners: intended
Duration of stay - residents abroad	
- length	<= 12 months (no time limit for students)
- intended/actual/valid permit/other	intended?
Available characteristics:	
By citizenship, sex and age	+
By country of birth, sex and age	+

Remarks

The census covered the Government controlled area of Cyprus. Census figures have been adjusted for under-enumeration measured during the Post-enumeration Survey. Only basic census results have been adjusted (total population by sex, age, urban/rural residence and district).

Annual statistics on population stocks

Source	estimations using the component method
Reference date	1 January (31 December of the previous year)
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included
Foreign students	included on the same principles as other foreigners?
Undocumented migrants	included?
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	usual?
Duration of stay - persons present	
- length	nationals: not defined for 1.01.2002, then 1 year?; foreigners: 1 year
- intended/actual/permit/other	intended
Duration of stay - residents abroad	
- length	1 year
- intended/actual/valid permit/other	intended
Available characteristics:	
By sex and age	+
By citizenship, sex and age	- (only figures on total nationals and total foreigners are available)
By country of birth, sex and age	-

Supplementary data sources

Data on population stocks and long term flows are published annually in *Demographic report* (four issues available on the NSI website). Total population figures are given for the whole Cyprus, for the Government controlled area and for Turkish Cypriots. Figures on the total number of nationals and total number of foreigners in the Government controlled area are published (but not cross-tabulated with age and sex).

“Demographic report 2006” is available at:

[http://www.mof.gov.cy/mof/cystat/statistics.nsf/All/11DCBB93C796B9F9C22571FE002D5C50/\\$file/DEMOGRAPHIC_REPORT-2006.pdf?OpenElement](http://www.mof.gov.cy/mof/cystat/statistics.nsf/All/11DCBB93C796B9F9C22571FE002D5C50/$file/DEMOGRAPHIC_REPORT-2006.pdf?OpenElement)

“Demographic report 2005” is available at:

[http://www.mof.gov.cy/mof/cystat/statistics.nsf/All/65B1B73E4E27C584C22573B700354806/\\$file/DEMOGRAPHIC%20REPORT%202005.pdf?OpenElement](http://www.mof.gov.cy/mof/cystat/statistics.nsf/All/65B1B73E4E27C584C22573B700354806/$file/DEMOGRAPHIC%20REPORT%202005.pdf?OpenElement)

“Demographic report 2004” is available at:

[http://www.mof.gov.cy/mof/cystat/statistics.nsf/All/304CBE350C5DB014C22570C000372FEA/\\$file/Demographic_Report_%202004.pdf?OpenElement](http://www.mof.gov.cy/mof/cystat/statistics.nsf/All/304CBE350C5DB014C22570C000372FEA/$file/Demographic_Report_%202004.pdf?OpenElement)

“Demographic report 2003” is available at:

[http://www.mof.gov.cy/mof/cystat/statistics.nsf/All/C4617C3E50718635C2256D420030E089/\\$file/DEMOGRAPHIC%20REPORT%202003.pdf?OpenElement](http://www.mof.gov.cy/mof/cystat/statistics.nsf/All/C4617C3E50718635C2256D420030E089/$file/DEMOGRAPHIC%20REPORT%202003.pdf?OpenElement)

The reports for 2007 can be ordered from Cypriot NSI.

The respective numbers of nationals and foreigners as of 1st January 2002 and 2003 are available in the tables prepared for the DG JLS *Annual Report on Migration and Asylum 2002*, under the link:

2001–2002: http://ec.europa.eu/justice_home/.../Data_on_population_by_citizenship_final.pdf

Data availability at Eurostat – remarks

In the data on flows, the highest age group is lower than the requested 85+.

Data availability at Eurostat**Availability of data in the Joint Migration Questionnaire, 2001-2007²²**

	2001	2002	2003	2004	2005	2006	2007
Immigration							
Total immigration	+	+	+	+	+	+	+
Total immigration by sex and age	+	+	+	+	+	+	+
Immigration by country of previous residence, sex and age	-age	-age	-age	-age	-age	Large Unk	Large Unk
Immigration by citizenship, sex and age	+	+	+	+	+	Large Unk	Large Unk
Emigration							
Total emigration	-	+	+	+	+	+	+
Total emigration by sex and age	-	+	+	+	+	+	+
Emigration by country of next residence, sex and age	na	-age	-age	+	+	+	+
Emigration by citizenship, sex and age	for	+	+	+	+	+	+
Acquisition and loss of citizenship							
Acquisition of citizenship by previous citizenship	+	+	+	+	+	+	+
Loss of citizenship	-	-	-	-	-	-	-
Population stocks							
Total population	Census	-	-	-	-	-	-
Total population by sex and age	Census	-	-	-	-	-	-
Population by citizenship, sex and age	Census	-	-	-	-	na	na
Population by country of birth, sex and age	Census, -age	na	na	na	na	na	na

+ data were provided to Eurostat; - data were not provided to Eurostat; **-age** no disaggregation by age; **-sex** no disaggregation by sex; **±age** disaggregation by age provided for a few citizenship (or origin/destination) categories; **±ctz** data provided for a few citizenship categories; **±dest** data provided for a few destination categories; **±origin** data provided for a few origin categories; **aggreg** data available for citizenship (or origin/destination) aggregates only; **broad age** data disaggregated by broad age groups; **delay** data were provided with one year delay; **for** data provided for foreigners only; **large Unk** large proportion of unknown origin/destination; **na** data not available; **nat** data provided for nationals only; **non-EEA** data provided for non-EEA citizens only; **p** provisional data.

Availability of Census data on population by citizenship, sex and age and by country of birth, sex and age in the Eurostat database

Population by sex	+
Population by sex and age	+
Population by citizenship, sex and age	+
Population by country of birth, sex and age	+

²² The age dimension has been requested in the tables on flows by country of previous/next residence and in the table on population by country of birth since the Joint Migration Questionnaire 2005 (flow data for 2004).

Czech Republic

Annual statistics on international migration flows

Source	population register and register of foreigners
Reference period	calendar year
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included after receiving a residence permit
Foreign students	included?
Undocumented migrants	not included
Foreign diplomats etc	not included?
National diplomats etc	not included?
Measurement of events or persons?	events
Date of migration	date of registration/deregistration; permit data: date of permit issue/expiry
Definition:	
Residence criterion:	legal
Duration of stay - immigration	
- length	nationals: permanent; EEA: 3 months; non-EEA: 1 year
- intended/actual/permit/other	nationals: intended; foreigners: intended and/or permit
Duration of stay - emigration	
- length	permanent or permit expiry
- intended/actual/permit/other	intended or permit
Available characteristics:	
By sex and age	+
By origin/destination, sex and age	+
By citizenship, sex and age	+
By country of birth, sex and age	-

Census statistics on population stocks

Census type	traditional
Reference date	1.03.2001
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included
Foreign students	included on the same principles as other foreigners?
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal?
Duration of stay - persons present	
- length	nationals – no time limit, EEA: >= 12 months; non-EEA >=3 months?
- intended/actual/permit/other	nationals: not applicable, EEA: ?; non-EEA: ?
Duration of stay - residents abroad	
- length	<= 12 months
- intended/actual/valid permit/other	intended?
Available characteristics:	
By citizenship, sex and age	+
By country of birth, sex and age	+

Annual statistics on population stocks

Source	nationals: calculations using the component method; foreigners: register of foreigners
Reference date	1 January
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included if had received a residence permit
Foreign students	included on the same principles as other foreigners
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal
Duration of stay - persons present	
- length	nationals: permanent residence status; foreigners: 1 year
- intended/actual/permit/other	nationals: not applicable; foreigners: permit
Duration of stay - residents abroad	
- length	nationals: not permanent; foreigners: <= permit duration
- intended/actual/valid permit/other	nationals: intended; foreigners: permit
Available characteristics:	
By sex and age	+
By citizenship, sex and age	+
By country of birth, sex and age	-

Supplementary data sources

2001 data on flows by previous/next country of residence are available in Council of Europe's *Recent demographic developments in Europe*.

Selected 2001 data on flows by citizenship are available at the NSI website. Selected data on flows for years 2002-2007 are available at the website <http://www.czso.cz/csu/2008edicniplan.nsf/engpubl/4019-08-2007>, preliminary flow data are available at <http://www.czso.cz/csu/2008edicniplan.nsf/engp/4001-08> (published 13.03.2009).

Some data on migration are available at the OECD databases (described in Section 4.1).

Data availability at Eurostat**Availability of data in the Joint Migration Questionnaire, 2001-2007²³**

	2001	2002	2003	2004	2005	2006	2007
Immigration							
Total immigration	-	+	+	+	+	+	+
Total immigration by sex and age	-	+	+	+	+	+	+
Immigration by country of previous residence, sex and age	-	-age	-age	+	+	+	+
Immigration by citizenship, sex and age	-	+	+	+	+	+	+
Emigration							
Total emigration	-	+	+	+	+	+	+
Total emigration by sex and age	-	+	+	+	+	+	+
Emigration by country of next residence, sex and age	-	-age	-age	+	+	+	large Unk
Emigration by citizenship, sex and age	-	+	+	+	+	+	+
Acquisition and loss of citizenship							
Acquisition of citizenship by previous citizenship	-	+	+	+	+	+	+
Loss of citizenship	-	-	-	na	na	na	na
Population stocks							
Total population	2002	2003	2004	2005	2006	2007	2008
Total population	+	+	+	+	+	+	+
Total population by sex and age	+	+	+	+	+	+	+
Population by citizenship, sex and age	+	+	+	+	+	+	+
Population by country of birth, sex and age	-	-	-	-	-	-	-

+ data were provided to Eurostat; - data were not provided to Eurostat; **-age** no disaggregation by age; **-sex** no disaggregation by sex; **±age** disaggregation by age provided for a few citizenship (or origin/destination) categories; **±ctz** data provided for a few citizenship categories; **±dest** data provided for a few destination categories; **±origin** data provided for a few origin categories; **aggreg** data available for citizenship (or origin/destination) aggregates only; **broad age** data disaggregated by broad age groups; **delay** data were provided with one year delay; **for** data provided for foreigners only; **large Unk** large proportion of unknown origin/destination; **na** data not available; **nat** data provided for nationals only; **non-EEA** data provided for non-EEA citizens only; **p** provisional data.

Availability of Census data on population by citizenship, sex and age and by country of birth, sex and age in the Eurostat database

Population by sex	+
Population by sex and age	+
Population by citizenship, sex and age	+
Population by country of birth, sex and age	+

²³ The age dimension has been requested in the tables on flows by country of previous/next residence and in the table on population by country of birth since the Joint Migration Questionnaire 2005 (flow data for 2004).

Denmark

Annual statistics on international migration flows

Source	population register
Reference period	calendar year
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included after receiving a residence permit
Foreign students	included?
Undocumented migrants	not included
Foreign diplomats etc	not included?
National diplomats etc	not included?
Measurement of events or persons?	events
Date of migration	date of registration/deregistration?
Definition:	
Residence criterion:	legal
Duration of stay - immigration	
- length	nationals: no time limit; EEA: 6 months; non-EEA: 3 months
- intended/actual/permit/other	nationals: not applicable; foreigners: ?
Duration of stay - emigration	
- length	6 months
- intended/actual/permit/other	intended
Available characteristics:	
By sex and age	+
By origin/destination, sex and age	+
By citizenship, sex and age	+
By country of birth, sex and age	+

Census statistics on population stocks

Census type	register-based only
Reference date	1.01.2001
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included if had received a residence permit
Foreign students	included on the same principles as other foreigners?
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal?
Duration of stay - persons present	
- length	no time limit?
- intended/actual/permit/other	not applicable?
Duration of stay - residents abroad	
- length	not applicable (persons not included)
- intended/actual/valid permit/other	not applicable
Available characteristics:	
By citizenship, sex and age	+
By country of birth, sex and age	+

Annual statistics on population stocks

Source	population register
Reference date	1 January
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included if had received a residence permit
Foreign students	included on the same principles as other foreigners
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal
Duration of stay - persons present	
- length	
- intended/actual/permit/other	nationals: no time limit; EEA: 6 months; non-EEA: 3 months?
Duration of stay - residents abroad	
- length	6 months?
- intended/actual/valid permit/other	intended?
Available characteristics:	
By sex and age	+
By citizenship, sex and age	+
By country of birth, sex and age	+

Supplementary data sources

Data on population stocks (e.g. by sex, age and citizenship, available in the domain *Population and elections*, sub-domain *Foreigners: Population by area, marital status, age, sex and citizenship*); consistent with DEMO) and on international migration flows are available at the NSI website at: <http://www.statbank.dk/statbank5a/default.asp?w=1024>.

Some data on migration are available at the OECD databases (described in Section 4.1).

Data availability at Eurostat – remarks

In JMQ 2007 the data on population stocks are these of 2006. JMQ 2008 data on population stocks are inconsistent with DEMO population stocks by age (totals), as well as with the data on the NSI's website.

Data availability at Eurostat**Availability of data in the Joint Migration Questionnaire, 2001-2007²⁴**

	2001	2002	2003	2004	2005	2006	2007
Immigration							
Total immigration	+	+	+	+	+	+	+
Total immigration by sex and age	+	+	+	+	+	+	+
Immigration by country of previous residence, sex and age	-age	-age	-age	+	+	+	+
Immigration by citizenship, sex and age	+	+	+	+	+	+	+
Emigration							
Total emigration	+	+	+	+	+	+	+
Total emigration by sex and age	+	+	+	+	+	+	+
Emigration by country of next residence, sex and age	-age	-age	-age	+	+	+	+
Emigration by citizenship, sex and age	+	+	+	+	+	+	+
Acquisition and loss of citizenship							
Acquisition of citizenship by previous citizenship	+	+	+	+	+	+	+
Loss of citizenship	-	-	-	-	-	-	-
Population stocks							
	2002	2003	2004	2005	2006	2007	2008
Total population	+	+	+	+	+	-	i
Total population by sex and age	+	+	+	+	+	-	i
Population by citizenship, sex and age	+	+	+	+	+	-	i
Population by country of birth, sex and age	-age	-age	-age	+	+	-	i

+ data were provided to Eurostat; - data were not provided to Eurostat; **-age** no disaggregation by age; **-sex** no disaggregation by sex; **±age** disaggregation by age provided for a few citizenship (or origin/destination) categories; **±ctz** data provided for a few citizenship categories; **±dest** data provided for a few destination categories; **±origin** data provided for a few origin categories; **aggreg** data available for citizenship (or origin/destination) aggregates only; **broad age** data disaggregated by broad age groups; **delay** data were provided with one year delay; **for** data provided for foreigners only; **large Unk** large proportion of unknown origin/destination; **na** data not available; **nat** data provided for nationals only; **non-EEA** data provided for non-EEA citizens only; **p** provisional data.

Availability of Census data on population by citizenship, sex and age and by country of birth, sex and age in the Eurostat database

Population by sex	+
Population by sex and age	+
Population by citizenship, sex and age	+
Population by country of birth, sex and age	+

²⁴ The age dimension has been requested in the tables on flows by country of previous/next residence and in the table on population by country of birth since the Joint Migration Questionnaire 2005 (flow data for 2004).

Estonia

Annual statistics on international migration flows

Source	no migration flow data
Reference period	
Coverage	
Special groups:	
Asylum seekers	
Foreign students	
Undocumented migrants	
Foreign diplomats etc	
National diplomats etc	
Measurement of events or persons?	
Date of migration	
Definition:	
Residence criterion:	
Duration of stay - immigration	
- length	
- intended/actual/permit/other	
Duration of stay - emigration	
- length	
- intended/actual/permit/other	
Available characteristics:	
By sex and age	
By origin/destination, sex and age	
By citizenship, sex and age	
By country of birth, sex and age	

Census statistics on population stocks

Census type	traditional
Reference date	31.03.2000
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included if had received a permanent residence permit
Foreign students	not included
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal
Duration of stay - persons present	
- length	permanent residence status
- intended/actual/permit/other	not applicable
Duration of stay - residents abroad	
- length	<= 12 months
- intended/actual/valid permit/other	actual?
Available characteristics:	
By citizenship, sex and age	+
By country of birth, sex and age	+

Remarks

Two sets of population figures were produced: de facto and de jure (permanent). Disaggregations by citizenship and country of birth were published for the de jure population. Information above refers to the statistics on the de jure population, which was delivered to Eurostat. De facto population excludes those temporary absent and includes those temporary present.

Annual statistics on population stocks

Source	estimations using the component method (without international migration)
Reference date	1 January
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	partially included (if received the permanent residence permit before the census)
Foreign students	not included
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal
Duration of stay - persons present	
- length	permanent residence status
- intended/actual/permit/other	not applicable
Duration of stay - residents abroad	
- length	<=(period since the last census + 1 year)?
- intended/actual/valid permit/other	actual
Available characteristics:	
By sex and age	+
By citizenship, sex and age	-
By country of birth, sex and age	-

Remarks

Annual population numbers are prepared using the component method, based on the figures from the 2001 census and annual vital and internal migration statistics. International migration are not taken into account due to the poor quality of data.

Supplementary data sources

NSI's website:

Census data on population by citizenship, age and sex, missing in the Eurostat database are available at: http://pub.stat.ee/px-web.2001/I_Databas/Population_census/03Citizenship/03Citizenship.asp.

The data on migration flows for years 2004-2007 are available at:

http://pub.stat.ee/px-web.2001/I_Databas/Population/03Vital_events/14Migration/14Migration.asp.

For 2000-2008 there are data on population stocks by sex and ethnic nationality available at:

http://pub.stat.ee/px-web.2001/I_Databas/Population/01Population_indicators_and_composition/04Population_figure_and_composition/04Population_figure_and_composition.asp.

The data on population stocks at *demo* domain of the Eurostat database contains non-zero entries in the "Unknown" age category.

Data availability at Eurostat**Availability of data in the Joint Migration Questionnaire, 2001-2007²⁵**

	2001	2002	2003	2004	2005	2006	2007
Immigration							
Total immigration	na	na	na	na	na	na	na
Total immigration by sex and age	na	na	na	na	na	na	na
Immigration by country of previous residence, sex and age	na	na	na	na	na	na	na
Immigration by citizenship, sex and age	na	na	na	na	na	na	na
Emigration							
Total emigration	na	na	na	na	na	na	na
Total emigration by sex and age	na	na	na	na	na	na	na
Emigration by country of next residence, sex and age	na	na	na	na	na	na	na
Emigration by citizenship, sex and age	na	na	na	na	na	na	na
Acquisition and loss of citizenship							
Acquisition of citizenship by previous citizenship	+	+	+	+	+	+	+
Loss of citizenship	+	+	+	+	+	+	+
Population stocks							
Total population	2002	2003	2004	2005	2006	2007	2008
Total population	-	-	-	-	-	-	-
Total population by sex and age	-	-	-	-	-	-	-
Population by citizenship, sex and age	na	na	na	na	na	na	na
Population by country of birth, sex and age	na	na	na	na	na	na	na

+ data were provided to Eurostat; - data were not provided to Eurostat; **-age** no disaggregation by age; **-sex** no disaggregation by sex; **±age** disaggregation by age provided for a few citizenship (or origin/destination) categories; **±ctz** data provided for a few citizenship categories; **±dest** data provided for a few destination categories; **±origin** data provided for a few origin categories; **aggreg** data available for citizenship (or origin/destination) aggregates only; **broad age** data disaggregated by broad age groups; **delay** data were provided with one year delay; **for** data provided for foreigners only; **large Unk** large proportion of unknown origin/destination; **na** data not available; **nat** data provided for nationals only; **non-EEA** data provided for non-EEA citizens only; **p** provisional data.

Availability of Census data on population by citizenship, sex and age and by country of birth, sex and age in the Eurostat database

Population by sex	+
Population by sex and age	-
Population by citizenship, sex and age	by citizenship and sex only
Population by country of birth, sex and age	+

²⁵ The age dimension has been requested in the tables on flows by country of previous/next residence and in the table on population by country of birth since the Joint Migration Questionnaire 2005 (flow data for 2004).

Finland

Annual statistics on international migration flows

Source	population register
Reference period	calendar year
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included after receiving a residence permit
Foreign students	included on the same principles as other foreigners
Undocumented migrants	not included
Foreign diplomats etc	not included?
National diplomats etc	not included?
Measurement of events or persons?	events
Date of migration	date of registration/deregistration?
Definition:	
Residence criterion:	legal
Duration of stay - immigration	
- length	nationals: no time limit; foreigners: 1 year
- intended/actual/permit/other	nationals: not applicable; foreigners: intended
Duration of stay - emigration	
- length	1 year
- intended/actual/permit/other	intended
Available characteristics:	
By sex and age	+
By origin/destination, sex and age	+
By citizenship, sex and age	+
By country of birth, sex and age	+

Census statistics on population stocks

Census type	register-based only
Reference date	31.12.2000
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included?
Foreign students	included on the same principles as other foreigners?
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal?
Duration of stay - persons present	
- length	no time limit
- intended/actual/permit/other	not applicable
Duration of stay - residents abroad	
- length	<= 12 months
- intended/actual/valid permit/other	intended?
Available characteristics:	
By citizenship, sex and age	+
By country of birth, sex and age	+

Annual statistics on population stocks

Source	population register
Reference date	1 January
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included if had received a residence permit
Foreign students	included on the same principles as other foreigners
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal
Duration of stay - persons present	
- length	nationals: no time limit; foreigners: 1 year
- intended/actual/permit/other	nationals: not applicable; foreigners: intended
Duration of stay - residents abroad	
- length	1 year
- intended/actual/valid permit/other	intended
Available characteristics:	
By sex and age	+
By citizenship, sex and age	+
By country of birth, sex and age	+

Supplementary data sources

Data on population stocks and international migration flows available free of charge at the NSI website are located at http://pxweb2.stat.fi/database/StatFin/databasetree_en.asp.

Some data on migration are available at the OECD databases (described in Section 4.1).

Data availability at Eurostat**Availability of data in the Joint Migration Questionnaire, 2001-2007²⁶**

	2001	2002	2003	2004	2005	2006	2007
Immigration							
Total immigration	+	+	+	+	+	+	+
Total immigration by sex and age	+	+	+	+	+	+	+
Immigration by country of previous residence, sex and age	-age	-age	-age	+	+	+	+
Immigration by citizenship, sex and age	+	+	+	+	+	+	+
Emigration							
Total emigration	+	+	+	+	+	+	+
Total emigration by sex and age	+	+	+	+	+	+	+
Emigration by country of next residence, sex and age	-age	-age	-age	+	+	+	+
Emigration by citizenship, sex and age	+	+	+	+	+	+	+
Acquisition and loss of citizenship							
Acquisition of citizenship by previous citizenship	+	+	+	+	+	+	+
Loss of citizenship	-	-	-	-	na	na	na
Population stocks							
Total population	2002	2003	2004	2005	2006	2007	2008
Total population	+						
Total population by sex and age	+	+	+	+	+	+	+
Population by citizenship, sex and age	+	+	+	+	+	+	+
Population by country of birth, sex and age	-age	-age	-age	+	+	+	+

+ data were provided to Eurostat; - data were not provided to Eurostat; **-age** no disaggregation by age; **-sex** no disaggregation by sex; **±age** disaggregation by age provided for a few citizenship (or origin/destination) categories; **±ctz** data provided for a few citizenship categories; **±dest** data provided for a few destination categories; **±origin** data provided for a few origin categories; **aggreg** data available for citizenship (or origin/destination) aggregates only; **broad age** data disaggregated by broad age groups; **delay** data were provided with one year delay; **for** data provided for foreigners only; **large Unk** large proportion of unknown origin/destination; **na** data not available; **nat** data provided for nationals only; **non-EEA** data provided for non-EEA citizens only; **p** provisional data.

Availability of Census data on population by citizenship, sex and age and by country of birth, sex and age in the Eurostat database

Population by sex	+
Population by sex and age	+
Population by citizenship, sex and age	+
Population by country of birth, sex and age	+

²⁶ The age dimension has been requested in the tables on flows by country of previous/next residence and in the table on population by country of birth since the Joint Migration Questionnaire 2005 (flow data for 2004).

France

Annual statistics on international migration flows

Source	register of foreigners
Reference period	calendar year
Coverage	immigration: foreigners (EEA not complete since 2004?); no emigration data
Special groups:	
Asylum seekers	included after receiving a residence permit
Foreign students	included on the same principles as other foreigners?
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc	not included
Measurement of events or persons?	events
Date of migration	EEA: date of permit issue ; non-EEA: date of medical certificate
Definition:	
Residence criterion:	legal
Duration of stay - immigration	
- length	1 year (right of long term settlement)
- intended/actual/permit/other	permit
Duration of stay - emigration	
- length	not applicable
- intended/actual/permit/other	not applicable
Available characteristics:	
By sex and age	+
By origin/destination, sex and age	-
By citizenship, sex and age	+
By country of birth, sex and age	-

Remarks

Estimation of net migration: "INSEE makes use of these partial data [on immigration of non-EU nationals] and completes them by extrapolating from past trends, based on the censuses." (http://www.insee.fr/en/ffc/pop_age4.htm#recensement)

Statistics relating to entry into French territory have been compiled, since 1990, by the "Haut Conseil à l'Intégration" from statistics supplied by the "Agence nationale de l'accueil des étrangers et des migrations" (ANAEM) and by the "Office français de protection des réfugiés et apatrides" (OFPRA). Flows used here concern people who, during the course of the year, have for the first time obtained a residence permit for a period of at least one year. Family numbers do not include all families of European Union citizens, but only those sending a request for family immigration to the ANAEM, which is a non-obligatory procedure. Figures for refugees were supplied by OFPRA.

(<http://www.insee.fr/en/ppp/ir/accueil.asp?page=sd2004/doc/source3.htm>)

Census statistics on population stocks

Census type	traditional
Reference date	8.03.1999
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included
Foreign students	included
Undocumented migrants	?
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	?
Duration of stay - persons present	
- length	nationals – no time limit?, foreigners: >= 12 months?
- intended/actual/permit/other	nationals: not applicable?, foreigners: ?
Duration of stay - residents abroad	
- length	?
- intended/actual/valid permit/other	intended?
Available characteristics:	
By citizenship, sex and age	+
By country of birth, sex and age	+

Remarks

A "rolling census" was introduced in 2004. Information above refers to the 1999 census.

1999 Census: "Among the foreigners in France at the time of the census, the only ones enumerated were those with permanent residence in France and those who work or study there (permanent workers, interns, students, and their families if any), except for seasonal and border workers. The census also excluded foreign members of the diplomatic corps, but the embassies' foreign personnel (administrative, technical or service workers) permanently residing in France were enumerated. Tourists and persons in France for short stays were equally excluded.

(http://www.recensement.insee.fr/EN/RUB_MOT/ACC_MOT.htm#nationality)

Annual statistics on population stocks

Source	estimations using the component method and the results of the rolling census
Reference date	1 January
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	partially included
Foreign students	included on the same principles as other foreigners?
Undocumented migrants	?
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	usual?
Duration of stay - persons present	
- length	nationals – no time limit?, foreigners: >= 6 months?
- intended/actual/permit/other	nationals: not applicable?, foreigners: ?
Duration of stay - residents abroad	
- length	6 months?
- intended/actual/valid permit/other	intended?
Available characteristics:	
By sex and age	+
By citizenship, sex and age	+
By country of birth, sex and age	+

Remarks

"The total population includes all the people (French or foreign) who are resident in the territory, with the exception of people with a temporary permit (tourists or seasonal workers etc). It also includes certain people momentarily absent but due to return within a reasonably short period (e.g. soldiers stationed abroad etc)."

(<http://www.insee.fr/en/ppp/ir/accueil.asp?page=sd2004/doc/lexique.htm#P5>)

Each year till 2008, the results of the rolling census will be used to adjust population estimates for the previous years (since 1999). The final estimates will be available after the full 5-year cycle (2004-2008).

Supplementary data sources

The number of foreigners in mid-2004 has been published in *INSEE Premiere N° 1098 – Août 2006*, available at: <http://www.insee.fr/fr/ffc/ipweb/ip1098/ip1098.pdf>

The total numbers of acquisitions of citizenship together with the five main previous nationalities in 2000–2004, were published in the *Annuaire Statistique de la Justice 2006*, available at: http://www.justice.gouv.fr/art_pix/1_annuairestat2006.pdf.

Some data on immigration flows of foreigners by selected countries of citizenship, produced by INED are available at: http://www.ined.fr/en/pop_figures/france/.

INSEE publishes estimates of net migration.

Some data (with missing observations) on migration are available at the OECD databases (described in Section 4.1).

Data availability at Eurostat – remarks

In the JMQ 2003-2005 data on population stocks from 1999 Census have been provided

The total number of acquisitions in 2003 and 2004 given in the JMQ agree with the figures published in the *Annuaire Statistique de la Justice 2006*, but the figure for 2001 is different (90.6 thousand in the JMQ versus 121.6 thousand in the *Annuaire Statistique de la Justice 2006*).

Data availability at Eurostat**Availability of data in the Joint Migration Questionnaire, 2001-2007²⁷**

	2001	2002	2003	2004	2005	2006	2007
Immigration							
Total immigration	na	na	na	na	-	-	-
Total immigration by sex and age	na	na	na	na	-	-	-
Immigration by country of previous residence, sex and age	na	na	na	na	-	-	-
Immigration by citizenship, sex and age	non-EEA, -age, -sex	non-EEA, -age, -sex	non-EEA, -age, -sex	non-EEA, 8 NM, -age, -sex	non-EEA, 8NM, -age, -sex	non-EEA, 8NM, -age	-
Emigration							
Total emigration	na	na	na	na	-	-	-
Total emigration by sex and age	na	na	na	na	-	-	-
Emigration by country of next residence, sex and age	na	na	na	na	-	-	-
Emigration by citizenship, sex and age	na	na	na	na	-	-	-
Acquisition and loss of citizenship							
Acquisition of citizenship by previous citizenship	+	-	+	+	+	+	+
Loss of citizenship	-	-	-	-	-	na	na
Population stocks							
Total population	2002	2003	2004	2005	2006	2007	2008
Total population	-	-	-	dref	-	-	-
Total population by sex and age	-	-	-	dref	-	-	-
Population by citizenship, sex and age	-	-	-	dref	-	-	-
Population by country of birth, sex and age	-	-	-	dref	-	-	-

+ data were provided to Eurostat; **-** data were not provided to Eurostat; **-age** no disaggregation by age; **-sex** no disaggregation by sex; **±age** disaggregation by age provided for a few citizenship (or origin/destination) categories; **±ctz** data provided for a few citizenship categories; **±dest** data provided for a few destination categories; **±origin** data provided for a few origin categories; **aggreg** data available for citizenship (or origin/destination) aggregates only; **broad age** data disaggregated by broad age groups; **delay** data were provided with one year delay; **for** data provided for foreigners only; **large Unk** large proportion of unknown origin/destination; **na** data not available; **nat** data provided for nationals only; **non-EEA** data provided for non-EEA citizens; **8NM** data provided for 8 new Member States citizens; **p** provisional data.

Availability of Census data on population by citizenship, sex and age and by country of birth, sex and age in the Eurostat database

Population by sex	+
Population by sex and age	+
Population by citizenship, sex and age	+
Population by country of birth, sex and age	+

²⁷ The age dimension has been requested in the tables on flows by country of previous/next residence and in the table on population by country of birth since the Joint Migration Questionnaire 2005 (flow data for 2004).

Germany

Annual statistics on international migration flows

Source	population register
Reference period	calendar year
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included
Foreign students	included (partially?)
Undocumented migrants	not included
Foreign diplomats etc	included?
National diplomats etc	not included
Measurement of events or persons?	events
Date of migration	date of registration/deregistration?
Definition:	
Residence criterion:	legal
Duration of stay - immigration	
- length	no time limit
- intended/actual/permit/other	not applicable
Duration of stay - emigration	
- length	no time limit
- intended/actual/permit/other	not applicable
Available characteristics:	
By sex and age	+
By origin/destination, sex and age	+
By citizenship, sex and age	+
By country of birth, sex and age	-

Census statistics on population stocks

Census type	traditional
Reference date	25.05.1987
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included
Foreign students	included on the same principles as other foreigners?
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal?
Duration of stay - persons present	
- length	no time limit
- intended/actual/permit/other	not applicable
Duration of stay - residents abroad	
- length	not applicable (persons not included)
- intended/actual/valid permit/other	not applicable
Available characteristics:	
By citizenship, sex and age	+
By country of birth, sex and age	+?

Remarks

The last census was conducted on 25.05.1987. Census data on population by citizenship or by country of birth are not easily available (sources checked: Eurostat, NSI's website, UNSD's *Demographic Yearbook Special Census Topics*). A register-based test census was conducted on 5.12.2001 (on a sample of 1.2% of the population), but no data from this survey are available. In future, register-based survey will replace traditional survey and only such data which can not be obtained from administrative registers will be collected from people.

Annual statistics on population stocks

Source	calculations using the component method; foreigners by citizenship: register of foreigners
Reference date	1 January
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included
Foreign students	included on the same principles as other foreigners
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal
Duration of stay - persons present	
- length	component method: no time limit; register of foreigners: 3 months?
- intended/actual/permit/other	component method: not applicable; register of foreigners: actual since registration?
Duration of stay - residents abroad	
- length	component method: no time limit; register of foreigners: ?
- intended/actual/valid permit/other	component method: not applicable; register of foreigners: ?
Available characteristics:	
By sex and age	+
By citizenship, sex and age	+
By country of birth, sex and age	-

Remarks

Annual data on foreigners come from two different sources. The component method (Bevölkerungsfortschreibung), based on the last census (1987), is used to produce annual figures on total population, total nationals and total foreigners, as well as nationals and foreigners by sex and age. Register of foreigners is used to produce disaggregation of foreigners by citizenship. The total number and the age structure of foreigners according to the register of foreigners is different than according to Bevölkerungsfortschreibung. "Due to different definitions, the stock data on foreigners from the Central Register on Foreigners and from current population statistics differ from each other. Generally, numbers of foreigners from the Register must be smaller than those from current population statistics because the Register covers only foreigners living in Germany not just on a temporary basis. After the register was adjusted in the period 2000 to 2004, the differences have considerably increased. It is therefore not possible to directly compare the results for the foreign population from the two sources." (<http://www.destatis.de/jetspeed/portal/cms/Sites/destatis/Internet/EN/Content/Statistics/Bevoelkerung/Aktuell.templateId=renderPrint.psmi>).

Supplementary data sources

In the UNSD's *Demographic Yearbook Special Census Topics* (available at <http://unstats.un.org/unsd/demographic/products/dyb/dybcens.htm>), Table 4. Population by country of citizenship, sex and urban/rural residence, there are some data from the 1987 census, but only a few citizenship categories are available (nationals, foreigners, citizens of Turkey, Greece, Italy, former Yugoslavia, unknown Europe and foreigners country not specified). There is no German data by country of birth in the UNSD database.

Annual estimates of population stocks (nationals and foreigners) by sex for 1st January 2005–2007, obtained using the component method, are available at the NSI website at <http://www.destatis.de/jetspeed/portal/cms/Sites/destatis/Internet/EN/Navigation/Statistics/Bevoelkerung/Bevoelkerungsstand/Tabellen.psmi>

Annual data on foreigners by age for 1950–2007 and on Germans and foreigners by sex for 1970–2007 are available under *Long Term Series* category at the above-mentioned webpage.

Information on the country of birth is collected in the Central Register of Foreigners (*Ausländerzentralregister*, AZR). Statistics on foreigners by country of birth based on the register of foreigners are not published in the Destatis database, but some data on the number of foreigners born in Germany and born abroad can be found in other places in the internet. In particular, the following data have been identified:

31.12.2002: http://www.einbuergern.de/Pressespiegel/stat_ausl_beiv.htm

31.12.2004: <http://www.migration-asyl.de/public1/aufr/home.nsf/url/AF37E55EBD7314B0C125703B002CB1A4?OpenDocument>.

Moreover, the data on nationals born abroad by sex and age for 2005 and 2006 can be obtained from the <https://www-ec.destatis.de> webpage [report *Bevölkerung und Erwerbstätigkeit. Bevölkerung mit Migrationshintergrund – Ergebnisse des Mikrozensus 2006* (2008)].

Some data on migration are available at the OECD databases (described in Section 4.1).

Data availability at Eurostat – remarks

There are no data from the last census (1987) on population by citizenship, age and sex or by country of birth, age and sex in the Eurostat on-line database. There are data for Germany in the Census 2001 round part of the Eurostat database (total population 81465344), but data are marked as not reliable and it is not clear what is the source or the reference date of these data. The NSI was not able to answer these questions, so these data should be probably removed from the database.

Since 2007 (JMQ 2007) figures for the foreign population according to the central register of foreigners were adjusted to fit the results of the current update of population figures. Figures by citizenship (except for German nationals) are not comparable with those of former years due to new adjustment procedure (there is no category "Statistical difference").

Data availability at Eurostat

Availability of data in the Joint Migration Questionnaire, 2001-2007²⁸

	2001	2002	2003	2004	2005	2006	2007
Immigration							
Total immigration	+	+	+	+	+	+	+
Total immigration by sex and age	-age	+	+	+	+	+	+
Immigration by country of previous residence, sex and age	-age	-age	-age	+	+	+	+
Immigration by citizenship, sex and age	-age; ±ctz	±ctz, i	+	+	+	+	+
Emigration							
Total emigration	+	+	+	+	+	+	+
Total emigration by sex and age	-age	+	+	+	+	+	+
Emigration by country of next residence, sex and age	-age	-age	-age	+	+	+	+
Emigration by citizenship, sex and age	-age; ±ctz	±ctz, i	+	+	+	+	+
Acquisition and loss of citizenship							
Acquisition of citizenship by previous citizenship	+	+	+	+	+	+	-
Loss of citizenship	-	-	-	-	-	-	-
Population stocks							
Total population		2002	2003	2004	2005	2006	2007
Total population by sex and age	-	+	-	+	p	+	+
Population by citizenship, sex and age	for; broad age; ±agesex; i	broad age; ±age, i	for, i	i	p, i	+	+
Population by country of birth, sex and age	-	-	-	-	-	-	-

+ data were provided to Eurostat; - data were not provided to Eurostat; **-age** no disaggregation by age; **-sex** no disaggregation by sex; **±age** disaggregation by age provided for a few citizenship (or origin/destination) categories; **±agesex** disaggregation by age not provided for Males and Females; **±ctz** data provided for a few citizenship categories; **±dest** data provided for a few destination categories; **±origin** data provided for a few origin categories; **aggreg** data available for citizenship (or origin/destination) aggregates only; **broad age** data disaggregated by broad age groups; **delay** data were provided with one year delay; **for** data provided for foreigners only; **i** data inconsistency problems; **large Unk** large proportion of unknown origin/destination; **na** data not available; **nat** data provided for nationals only; **non-EEA** data provided for non-EEA citizens only; **p** provisional data.

Availability of Census data on population by citizenship, sex and age and by country of birth, sex and age in the Eurostat database

Population by sex	- (see remarks in the <i>Data availability at Eurostat</i> section on the previous page)
Population by sex and age	- (see remarks in the <i>Data availability at Eurostat</i> section on the previous page)
Population by citizenship, sex and age	- (see remarks in the <i>Data availability at Eurostat</i> section on the previous page)
Population by country of birth, sex and age	- (see remarks in the <i>Data availability at Eurostat</i> section on the previous page)

²⁸ The age dimension has been requested in the tables on flows by country of previous/next residence and in the table on population by country of birth since the Joint Migration Questionnaire 2005 (flow data for 2004).

Greece

Annual statistics on international migration flows

Source	?
Reference period	
Coverage	
Special groups:	
Asylum seekers	
Foreign students	
Undocumented migrants	
Foreign diplomats etc	
National diplomats etc	
Measurement of events or persons?	
Date of migration	
Definition:	
Residence criterion:	
Duration of stay - immigration	
- length	
- intended/actual/permit/other	
Duration of stay - emigration	
- length	
- intended/actual/permit/other	
Available characteristics:	
By sex and age	+
By origin/destination, sex and age	
By citizenship, sex and age	+/-
By country of birth, sex and age	

Remarks: No data on migration flows were provided in JMQ2002-2006. In JMQ 2007 and 2008 there are data on immigration flows of foreigners by sex, age and citizenship, but there is no information on the source of these data. Probably, these are data on residence permits.

Census statistics on population stocks

Census type	traditional
Reference date	18.03.2001
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	?
Foreign students	included on the same principles as other foreigners?
Undocumented migrants	included
Foreign diplomats etc	included?
National diplomats etc in missions abroad	not included?
Definition:	
Residence criterion:	usual?
Duration of stay - persons present	
- length	no time limit?
- intended/actual/permit/other	not applicable?
Duration of stay - residents abroad	
- length	temporary (no time limit) ?
- intended/actual/valid permit/other	intended?
Available characteristics:	
By citizenship, sex and age	+
By country of birth, sex and age	+

Annual statistics on population stocks

Source	estimations using the component method; foreigners by citizenship: registers of foreigners
Reference date	1 January
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	component method: ?; registers of foreigners: included?
Foreign students	included on the same principles as other foreigners?
Undocumented migrants	not included
Foreign diplomats etc	not included?
National diplomats etc in missions abroad	included?
Definition:	
Residence criterion:	component method: ?; registers of foreigners: legal
Duration of stay - persons present	
- length	component method: ?; registers of foreigners: ?
- intended/actual/permit/other	?
Duration of stay - residents abroad	
- length	?
- intended/actual/valid permit/other	?
Available characteristics:	
By sex and age	+
By citizenship, sex and age	component method: total foreigners only; registers of foreigners: +
By country of birth, sex and age	-

Remarks

Annual estimates are produced using the component method but it is not clear if estimates of migration are produced and if so, how it is done. The number of foreigners from the registers of foreigners is much lower than estimates obtained using the component method.

According to the NSI website annual estimates produced using the component method refer to the de facto population (http://www.statistics.gr/eng_tables/2002%20Population%20metadata.pdf).

Supplementary data sources

NSI webpage: http://www.statistics.gr/StatMenu_eng.asp.

Some data on migration are available at the OECD databases (described in Section 4.1).

Data availability at Eurostat – remarks

Annual data on population stock were provided for 2004 only. Two sets of data were provided: the estimates of Total population, nationals and non-nationals by age and sex, prepared by the NSI and data on foreign population by citizenship and age which come from ministries. The total number and the age structure of foreigners according to the data from ministries are different then according to the NSI estimates.

Data availability at Eurostat**Availability of data in the Joint Migration Questionnaire, 2001-2007²⁹**

	2001	2002	2003	2004	2005	2006	2007
Immigration							
Total immigration	na	na	na	na	-	for	for
Total immigration by sex and age	na	na	na	na	-	for	for
Immigration by country of previous residence, sex and age	na	na	na	na	-	-	-
Immigration by citizenship, sex and age	na	na	na	na	-	for	for
Emigration							
Total emigration	na	na	na	na	-	-	-
Total emigration by sex and age	na	na	na	na	-	-	-
Emigration by country of next residence, sex and age	na	na	na	na	-	-	-
Emigration by citizenship, sex and age	na	na	na	na	-	-	-
Acquisition and loss of citizenship							
Acquisition of citizenship by previous citizenship	-	-	-ctz	-ctz	-ctz	-ctz	-
Loss of citizenship	-	-	+	+	+	+	-
Population stocks							
Total population	2002	2003	2004	2005	2006	2007	2008
Total population	-	-	+	-	-	-	-
Total population by sex and age	-	-	+	-	-	-	-
Population by citizenship, sex and age	-	-	i	for, ±sex	for	for	for
Population by country of birth, sex and age	-	-	-	-	-	-	-

+ data were provided to Eurostat; - data were not provided to Eurostat; **-age** no disaggregation by age; **-sex** no disaggregation by sex; **±age** disaggregation by age provided for a few citizenship (or origin/destination) categories; **±ctz** data provided for a few citizenship categories; **±dest** data provided for a few destination categories; **±origin** data provided for a few origin categories; **aggreg** data available for citizenship (or origin/destination) aggregates only; **broad age** data disaggregated by broad age groups; **delay** data were provided with one year delay; **for** data provided for foreigners only; **large Unk** large proportion of unknown origin/destination; **na** data not available; **nat** data provided for nationals only; **non-EEA** data provided for non-EEA citizens only; **p** provisional data.

Availability of Census data on population by citizenship, sex and age and by country of birth, sex and age in the Eurostat database

Population by sex	+
Population by sex and age	+
Population by citizenship, sex and age	+
Population by country of birth, sex and age	+

²⁹ The age dimension has been requested in the tables on flows by country of previous/next residence and in the table on population by country of birth since the Joint Migration Questionnaire 2005 (flow data for 2004).

Hungary

Annual statistics on international migration flows

Source	population register and register of foreigners
Reference period	calendar year
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	not included
Foreign students	included on the same principles as other foreigners?
Undocumented migrants	not included
Foreign diplomats etc	not included?
National diplomats etc	not included?
Measurement of events or persons?	events
Date of migration	date of registration/deregistration?; permit data: date of permit issue/expiry
Definition:	
Residence criterion:	legal (nationals: permanent?)
Duration of stay - immigration	
- length	nationals and EEA: 3 months; non-EEA: 1 year?
- intended/actual/permit/other	nationals and EEA: intended; non-EEA: permit?
Duration of stay - emigration	
- length	nationals: 3 months; foreigners: permanent or permit expiry?
- intended/actual/permit/other	intended or permit
Available characteristics:	
By sex and age	+
By origin/destination, sex and age	-
By citizenship, sex and age	+
By country of birth, sex and age	+

Remarks

The 3 months criterion for emigration is probably only a theoretical one (permanent residents of Hungary usually don't deregister if they go abroad but intend to come back). In the JMQ 2007 (flows for 2006) the source of data on immigration flows of foreigners is Register of Foreigners (the duration of stay criterion is Length of validity of visa or permit) whereas in JMQ 2008 (flows for 2007) the source is Residence permits (no duration of stay criterion specified). In the past, flow data were delivered to Eurostat with one year delay.

Census statistics on population stocks

Census type	traditional
Reference date	1.02.2001
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included
Foreign students	included on the same principles as other foreigners?
Undocumented migrants	included?
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	usual?
Duration of stay - persons present	
- length	nationals – no time limit?, foreigners: >= 3 months?
- intended/actual/permit/other	nationals: not applicable?, foreigners: ?
Duration of stay - residents abroad	
- length	<= 12 months
- intended/actual/valid permit/other	intended
Available characteristics:	
By citizenship, sex and age	+
By country of birth, sex and age	+

Annual statistics on population stocks

Source	nationals: calculations using the component method; foreigners: register of foreigners
Reference date	1 January
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	not included
Foreign students	included on the same principles as other foreigners
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal
Duration of stay - persons present	
- length	nationals: no time limit?; EEA: 3month; non-EEA: 1 year?
- intended/actual/permit/other	nationals: not applicable; EEA: intended, non-EEA: permit
Duration of stay - residents abroad	
- length	3 months?
- intended/actual/valid permit/other	intended
Available characteristics:	
By sex and age	+
By citizenship, sex and age	+
By country of birth, sex and age	-

Remarks

"Resident population: The total number of persons with place of residence on the respective area having no place of stay elsewhere, as well as of persons with place of stay on the same area."

(http://portal.ksh.hu/pls/ksh/ksh_web.meta.objektum?p_lang=EN&p_menu_id=220&p_ot_id=200&p_obj_id=3139&p_session_id=92524062)

Persons with permanent address in Hungary but temporary address abroad are not included?

Although nationals going temporarily abroad for more than 90 days have to report, they usually don't do it.

Supplementary data sources

Annual data on total population are available at the NSI website at the following address:

http://portal.ksh.hu/portal/page?_pageid=38,119917&_dad=portal&_schema=PORTAL.

Some data on migration are available at the OECD databases (described in Section 4.1).

Data availability at Eurostat**Availability of data in the Joint Migration Questionnaire, 2001-2007³⁰**

	2001	2002	2003	2004	2005	2006	2007
Immigration							
Total immigration	p	p	+	+	+	+	+
Total immigration by sex and age	p	p	+	+	+	+	+
Immigration by country of previous residence, sex and age	-	-	-	-	-	-	na
Immigration by citizenship, sex and age	p	p	+	+	+	+	+
Emigration							
Total emigration	p	p	+	+	+	+	+
Total emigration by sex and age	p	p	+	+	+	+	+
Emigration by country of next residence, sex and age	-	-	-	-	-	-	-
Emigration by citizenship, sex and age	p	p	+	+	+	+	+
Acquisition and loss of citizenship							
Acquisition of citizenship by previous citizenship	+	+	+	+	+	+	+
Loss of citizenship	+	+	+	+	-	-	-
Population stocks							
Total population	-	-	+	+	+	+	+
Total population by sex and age	-	-	+	+	+	+	+
Population by citizenship, sex and age	for	for	+	+	+	+	+
Population by country of birth, sex and age	-	-	-	-	-	-	-

+ data were provided to Eurostat; - data were not provided to Eurostat; **-age** no disaggregation by age; **-sex** no disaggregation by sex; **±age** disaggregation by age provided for a few citizenship (or origin/destination) categories; **±ctz** data provided for a few citizenship categories; **±dest** data provided for a few destination categories; **±origin** data provided for a few origin categories; **aggreg** data available for citizenship (or origin/destination) aggregates only; **broad age** data disaggregated by broad age groups; **delay** data were provided with one year delay; **for** data provided for foreigners only; **large Unk** large proportion of unknown origin/destination; **na** data not available; **nat** data provided for nationals only; **non-EEA** data provided for non-EEA citizens only; **p** provisional data.

Availability of Census data on population by citizenship, sex and age and by country of birth, sex and age in the Eurostat database

Population by sex	+
Population by sex and age	+
Population by citizenship, sex and age	+
Population by country of birth, sex and age	+

³⁰ The age dimension has been requested in the tables on flows by country of previous/next residence and in the table on population by country of birth since the Joint Migration Questionnaire 2005 (flow data for 2004).

Ireland

Annual statistics on international migration flows

Source	Quarterly National Household Survey
Reference period	tax year (ending in mid-April)
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	partially included
Foreign students	partially included
Undocumented migrants	included
Foreign diplomats etc	not included?
National diplomats etc	not included?
Measurement of events or persons?	persons
Date of migration	?
Definition:	
Residence criterion:	usual?
Duration of stay - immigration	
- length	no time limit?
- intended/actual/permit/other	not applicable
Duration of stay - emigration	
- length	no time limit
- intended/actual/permit/other	not applicable
Available characteristics:	
By sex and age	+
By origin/destination, sex and age	±
By citizenship, sex and age	±
By country of birth, sex and age	±

Remarks

Sample size of the household survey does not allow to produce reliable estimates for all cross-tabulations

The key question used to identify people entering the country is: "Where did you live on April 30, year n-1 ?" An additional question is asked "In what year did you take up residence in Ireland ? Please answer latest year if more than once." The key question used to identify people leaving the country is asked as following to the present member of the family dwelling: "Is there anyone who usually lived in this household on April 30, year n-1 now living abroad ?". This type of survey approach yields underestimates of outward flows since, when complete households emigrate, there is no-one left behind to supply the necessary information to interviewers. However, CSO doesn't consider that emigration of complete households is of particular significance in the context of Irish emigration movements.

Census statistics on population stocks

Census type	traditional
Reference date	28.04.2002, 23.04.2006
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included
Foreign students	included
Undocumented migrants	included
Foreign diplomats etc	included
National diplomats etc in missions abroad	not included?
Definition:	
Residence criterion:	actual
Duration of stay - persons present	
- length	no time limit
- intended/actual/permit/other	not applicable
Duration of stay - residents abroad	
- length	not applicable (persons not included)
- intended/actual/valid permit/other	not applicable
Available characteristics:	
By citizenship, sex and age	+
By country of birth, sex and age	+

Remarks

Some demographic characteristics have been collected for persons usually resident but temporary absent (less than 3 months). Tables on population by country of birth and by nationality have been published for population usually resident and present on census night.

Annual statistics on population stocks

Source	estimations using the component method
Reference date	mid-April
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included
Foreign students	included
Undocumented migrants	included
Foreign diplomats etc	partially included?
National diplomats etc in missions abroad	partially included?
Definition:	
Residence criterion:	Until 2006: de facto; Since 2007: usually resident
Duration of stay - persons present	
- length	no time limit?
- intended/actual/permit/other	not applicable?
Duration of stay - residents abroad	
- length	no time limit?
- intended/actual/valid permit/other	not applicable?
Available characteristics:	
By sex and age	+
By citizenship, sex and age	±
By country of birth, sex and age	±

Remarks

Estimates by citizenship and by country of birth are provided for broad age groups and for some citizenship/country of birth categories. The reference data in JMQ 2007 and 2008 is 1 January.

Supplementary data sources

The results of 2006 census, concerning population by country of birth and citizenship, have been published on <http://www.cso.ie/census/Census2006Results.htm>

Annual demographic data: http://www.cso.ie/releasespublications/pr_poparchive.htm.

Some data on migration (many missing observations) are available at the OECD databases (described in Section 4.1).

Data availability at Eurostat – remarks

Provisional data in the JMQ may differ significantly from the final figures published by the NSI. The data on population stocks for 2007 and 2008 are given for 1 January.

Data availability at Eurostat

Availability of data in the Joint Migration Questionnaire, 2001-2007³¹

	2001	2002	2003	2004	2005	2006	2007
Immigration							
Total immigration	p	p	p	p	p	p	p
Total immigration by sex and age	p, broad age	p, broad age	p, broad age	p, broad age	p, broad age	p, broad age	p, broad age
Immigration by country of previous residence, sex and age	p, ±origin, -age	p, ±origin, -age	p, ±origin, -age	p, ±origin, broad age	p, ±origin, broad age	p, ±origin, broad age	p, ±origin, broad age
Immigration by citizenship, sex and age	p, ±ctz, broad age	p, ±ctz, broad age	p, ±ctz, broad age	p, ±ctz, broad age	p, ±ctz, broad age	p, ±ctz, broad age	p, ±ctz, broad age
Emigration							
Total emigration	p	p	p	p	p	p	p
Total emigration by sex and age	p, broad age	p, broad age	p, broad age	p, broad age	p, broad age	p, broad age	p, broad age
Emigration by country of next residence, sex and age	p, ±dest, -age	p, ±dest, -age	p, ±dest, -age	p, ±dest, -age	p, ±dest, broad age	p, ±dest, broad age	p, ±dest, broad age
Emigration by citizenship, sex and age	-	-	-	-	-	-	-
Acquisition and loss of citizenship							
Acquisition of citizenship by previous citizenship	-	-ctz	-ctz	-ctz	-ctz	-ctz	+
Loss of citizenship	-	-	-	-	-	-	-
Population stocks							
Total population	2002 p, dref	2003 p, dref	2004 p, dref	2005 p, dref	2006 p, dref	2007 p	2008 p
Total population by sex and age	p, broad age, dref	p, broad age, dref	p, broad age, dref	p, broad age, dref	p, broad age, dref	p, broad age	p, broad age
Population by citizenship, sex and age	p, ±ctz, broad age, dref	p, ±ctz, broad age, dref	p, ±ctz, broad age, dref	p, ±ctz, broad age, dref	p, ±ctz, broad age, dref	p, ±ctz, broad age	p, ±ctz, broad age
Population by country of birth, sex and age	p, ±cob, broad age, dref	p, ±cob, -age, dref	p, ±cob, -age, dref	p, ±cob, broad age, dref	p, ±cob, broad age, dref	p, ±cob, broad age	p, ±cob, broad age

+ data were provided to Eurostat; - data were not provided to Eurostat; **-age** no disaggregation by age; **-sex** no disaggregation by sex; **±age** disaggregation by age provided for a few citizenship (or origin/destination) categories; **±ctz** data provided for a few citizenship categories; **±dest** data provided for a few destination categories; **±origin** data provided for a few origin categories; **aggreg** data available for citizenship (or origin/destination) aggregates only; **broad age** data disaggregated by broad age groups; **delay** data were provided with one year delay; **for** data provided for foreigners only; **large Unk** large proportion of unknown origin/destination; **na** data not available; **nat** data provided for nationals only; **non-EEA** data provided for non-EEA citizens only; **p** provisional data.

Availability of Census data on population by citizenship, sex and age and by country of birth, sex and age in the Eurostat database

Population by sex	+
Population by sex and age	+
Population by citizenship, sex and age	+
Population by country of birth, sex and age	+

³¹ The age dimension has been requested in the tables on flows by country of previous/next residence and in the table on population by country of birth since the Joint Migration Questionnaire 2005 (flow data for 2004).

Italy

Annual statistics on international migration flows

Source	population register
Reference period	calendar year
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included after receiving a residence permit
Foreign students	included on the same principles as other foreigners
Undocumented migrants	not included
Foreign diplomats etc	not included?
National diplomats etc	not included?
Measurement of events or persons?	events
Date of migration	date of registration/deregistration?
Definition:	
Residence criterion:	legal
Duration of stay - immigration	
- length	nationals and EEA: no time limit; non-EEA: 6 months
- intended/actual/permit/other	nationals and EEA: not applicable; non-EEA: permit
Duration of stay - emigration	
- length	1 year
- intended/actual/permit/other	intended
Available characteristics:	
By sex and age	+
By origin/destination, sex and age	+
By citizenship, sex and age	+
By country of birth, sex and age	+
Remarks:	
Data are sent to Eurostat with a delay.	

Census statistics on population stocks

Census type	traditional
Reference date	21.10.2001
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included
Foreign students	included on the same principles as other foreigners
Undocumented migrants	included
Foreign diplomats etc	included
National diplomats etc in missions abroad	not included?
Definition:	
Residence criterion:	actual and usual
Duration of stay - persons present	
- length	no time limit
- intended/actual/permit/other	not applicable
Duration of stay - residents abroad	
- length	<=1 year?
- intended/actual/valid permit/other	intended?
Available characteristics:	
By citizenship, sex and age	+
By country of birth, sex and age	+

Annual statistics on population stocks

Source	population register
Reference date	1 January
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included if had received a residence permit
Foreign students	included on the same principles as other foreigners
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal
Duration of stay - persons present	
- length	nationals: no time limit; foreigners: EEA?, non-EEA: 6 months
- intended/actual/permit/other	nationals: not applicable; foreigners: ?
Duration of stay - residents abroad	
- length	not permanently?
- intended/actual/valid permit/other	intended
Available characteristics:	
By sex and age	+
By citizenship, sex and age	+ctz, -age
By country of birth, sex and age	-

Remarks

Cross-tabulation by citizenship and age is not available (http://demo.istat.it/strasa2007/index04_e.html)

Supplementary data sources

Demographic data (resident population, demographic balance and foreign population by citizenship and by age) are available at the NSI website at http://demo.istat.it/index_e.html. The number of foreigners born in Italy, by sex (but not by age), is available annually since 31.12.2006 (but not for earlier years) and can be downloaded from the ISTAT's DEMO database: http://demo.istat.it/str2006/index_e.html.

Additional useful information is:

- the proportion of native-born foreigners in total Foreigners in the 2001 Census, published in the report "Immigrazione. Dossier Statistico 2004. XIV Rapporto sull'immigrazione" prepared by Caritas Italiana and Fondazione Migrantes: "Al censimento del 2001 la percentuale dei cittadini stranieri nati in Italia era del 12%", as well as
- acquisitions of citizenship, published on the ISTAT website (e.g. <http://demo.istat.it/str2006/>).

Some data on migration (with some missing observations) are available at the OECD databases (described in Section 4.1).

Data availability at Eurostat – remarks

2002-2005 flow data were delivered to Eurostat with one year delay. 2006 and 2007 flow data have not been delivered.

Data availability at Eurostat

Availability of data in the Joint Migration Questionnaire, 2001-2007³²

	2001	2002	2003	2004	2005	2006	2007
Immigration							
Total immigration	-	+	+	+	+	-	-
Total immigration by sex and age	-	+	+	+	+	-	-
Immigration by country of previous residence, sex and age	-	-age	+	+	+	-	-
Immigration by citizenship, sex and age	-	+	+	+	+	-	-
Emigration							
Total emigration	-	+	+	+	+	-	-
Total emigration by sex and age	-	+	+	+	+	-	-
Emigration by country of next residence, sex and age	-	-age	+	+	+	-	-
Emigration by citizenship, sex and age	-	+	+	+	+	-	-
Acquisition and loss of citizenship							
Acquisition of citizenship by previous citizenship	-	-	+	+	-	-ctz	-
Loss of citizenship	-	-	na	-	-	-	-
Population stocks							
Total population	Census	-	-	+	+	+	+
Total population by sex and age	Census	-	-	-age	-age	-age	-age
Population by citizenship, sex and age	Census	-	-	-age	-age	-age	-age
Population by country of birth, sex and age	-	-	-	-	-	-	-

+ data were provided to Eurostat; - data were not provided to Eurostat; **-age** no disaggregation by age; **-sex** no disaggregation by sex; **±age** disaggregation by age provided for a few citizenship (or origin/destination) categories; **Census** – data for the Census reference date; **±ctz** data provided for a few citizenship categories; **±dest** data provided for a few destination categories; **±origin** data provided for a few origin categories;; **aggreg** data available for citizenship (or origin/destination) aggregates only; **broad age** data disaggregated by broad age groups; **delay** data were provided with one year delay; **for** data provided for foreigners only; **large Unk** large proportion of unknown origin/destination; **na** data not available; **nat** data provided for nationals only; **non-EEA** data provided for non-EEA citizens only; **p** provisional data.

Availability of Census data on population by citizenship, sex and age and by country of birth, sex and age in the Eurostat database

Population by sex	+
Population by sex and age	+
Population by citizenship, sex and age	+
Population by country of birth, sex and age	+

³² The age dimension has been requested in the tables on flows by country of previous/next residence and in the table on population by country of birth since the Joint Migration Questionnaire 2005 (flow data for 2004).

Latvia

Annual statistics on international migration flows

Source	population register
Reference period	calendar year
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included after receiving a residence permit
Foreign students	included on the same principles as other foreigners?
Undocumented migrants	not included
Foreign diplomats etc	not included?
National diplomats etc	not included?
Measurement of events or persons?	events
Date of migration	date of registration/deregistration? or date of permit expiry
Definition:	
Residence criterion:	legal
Duration of stay - immigration	
- length	nationals and Latvian non-citizens: no time limit; foreigners: 1 year
- intended/actual/permit/other	nationals and Latvian non-citizens: not applicable; foreigners: permit
Duration of stay - emigration	
- length	nationals: 6 months; foreigners: 6 months or permit expiry
- intended/actual/permit/other	intended or permit
Available characteristics:	
By sex and age	+
By origin/destination, sex and age	+
By citizenship, sex and age	+
By country of birth, sex and age	+

Remarks

Till JMQ 2007 flow data by citizenship provided in the citizenship category "Latvia" included Latvian non-citizens. In JMQ 2008 (flows in 2007) non-citizens of Latvia are included in "Other_Europe" category.

Census statistics on population stocks

Census type	traditional combined with the use of registers
Reference date	31.03.2000
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included
Foreign students	included on the same principles as other foreigners?
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal?
Duration of stay - persons present	
- length	nationals – no time limit?, foreigners: >=12 months
- intended/actual/permit/other	nationals: not applicable?, foreigners: ?
Duration of stay - residents abroad	
- length	<= 12 months
- intended/actual/valid permit/other	intended?
Available characteristics:	
By citizenship, sex and age	+
By country of birth, sex and age	+

Annual statistics on population stocks

Source	population register
Reference date	1 January
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included if had received a residence permit
Foreign students	included on the same principles as other foreigners?
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal
Duration of stay - persons present	
- length	nationals and Latvian non-citizens: no time limit; foreigners: 1 year
- intended/actual/permit/other	nationals and Latvian non-citizens: not applicable; foreigners: permit
Duration of stay - residents abroad	
- length	nationals: 6 months; foreigners: 6 months or permit expiry
- intended/actual/valid permit/other	intended or permit
Available characteristics:	
By sex and age	+
By citizenship, sex and age	+
By country of birth, sex and age	+

Remarks

The 6 months criterion for emigration of nationals and Latvian non-citizens is a theoretical one because a large proportion of persons do not deregister if they go abroad but intend to come back.

Till JMQ 2007 population data by citizenship provided in the citizenship category "Latvia" included Latvian non-citizens. In JMQ 2008 non-citizens of Latvia are included in "Other_Europe" category.

Supplementary data sources

Annual data on total population by selected categories of citizenship (14 categories) for 1996-2006 are published at the NSI website (www.csb.gov.lv, under Data bases/ Population) in Table 4-20. POPULATION OF LATVIA BY CITIZENSHIP AT THE BEGINNING OF THE YEAR. Selected annual data on long-term immigration and emigration are available in Table 4.40 and 4.42.

Data availability at Eurostat**Availability of data in the Joint Migration Questionnaire, 2001-2007³³**

	2001	2002	2003	2004	2005	2006	2007
Immigration							
Total immigration	+	+	+	+	+	+	+
Total immigration by sex and age	+	+	+	+	+	+	+
Immigration by country of previous residence, sex and age	-age	-age	-age	-age	-age	+	+
Immigration by citizenship, sex and age	+	+	+	+	+	+	+
Emigration							
Total emigration	+	+	+	+	+	+	+
Total emigration by sex and age	+	+	+	+	+	+	+
Emigration by country of next residence, sex and age	-age	-age	-age	-age	-age	+	+
Emigration by citizenship, sex and age	+	+	+	+	+	+	+
Acquisition and loss of citizenship							
Acquisition of citizenship by previous citizenship	+	+	+	+	+	+	+
Loss of citizenship	+	+	+	+	+	+	+
Population stocks							
Total population	2002	2003	2004	2005	2006	2007	2008
Total population by sex and age	+	+	+	+	+	+	+
Population by citizenship, sex and age	+	+	+	+	+	+	+
Population by country of birth, sex and age	-age	+	+	+	+	+	+
	-	-age	-age	-age	-age	+	+

+ data were provided to Eurostat; - data were not provided to Eurostat; **-age** no disaggregation by age; **-sex** no disaggregation by sex; **±age** disaggregation by age provided for a few citizenship (or origin/destination) categories; **±ctz** data provided for a few citizenship categories; **±dest** data provided for a few destination categories; **±origin** data provided for a few origin categories; **aggreg** data available for citizenship (or origin/destination) aggregates only; **broad age** data disaggregated by broad age groups; **delay** data were provided with one year delay; **for** data provided for foreigners only; **large Unk** large proportion of unknown origin/destination; **na** data not available; **nat** data provided for nationals only; **non-EEA** data provided for non-EEA citizens only; **p** provisional data.

Availability of Census data on population by citizenship, sex and age and by country of birth, sex and age in the Eurostat database

Population by sex	+
Population by sex and age	+
Population by citizenship, sex and age	+
Population by country of birth, sex and age	+

³³ The age dimension has been requested in the tables on flows by country of previous/next residence and in the table on population by country of birth since the Joint Migration Questionnaire 2005 (flow data for 2004).

Lithuania

Annual statistics on international migration flows

Source	population register
Reference period	calendar year
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included after receiving a residence permit
Foreign students	included on the same principles as other foreigners?
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc	not included
Measurement of events or persons?	events
Date of migration	date of registration/deregistration? or one month after permit expiry
Definition:	
Residence criterion:	legal
Duration of stay - immigration	
- length	permanent residents: 6 months; other foreigners: 1 year
- intended/actual/permit/other	permanent residents: intended; other foreigners: permit
Duration of stay - emigration	
- length	permanent residents: 6 months; other foreigners: permit expiry
- intended/actual/permit/other	permanent residents: intended; other foreigners: permit
Available characteristics:	
By sex and age	+
By origin/destination, sex and age	+
By citizenship, sex and age	+
By country of birth, sex and age	+

Census statistics on population stocks

Census type	traditional
Reference date	6.04.2001
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	not included
Foreign students	included on the same principles as other foreigners?
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal?
Duration of stay - persons present	
- length	nationals – no time limit?, foreigners: >=12 months
- intended/actual/permit/other	nationals: not applicable?, foreigners: ?
Duration of stay - residents abroad	
- length	<= 12 months
- intended/actual/valid permit/other	intended?
Available characteristics:	
By citizenship, sex and age	+
By country of birth, sex and age	+

Annual statistics on population stocks

Source	calculations using the component method till ?; population register since ?; data by citizenship: Ministry of Interior
Reference date	1 January
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included if had received a residence permit
Foreign students	included on the same principles as other foreigners?
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal
Duration of stay - persons present	
- length	?
- intended/actual/permit/other	?
Duration of stay - residents abroad	
- length	?
- intended/actual/valid permit/other	?
Available characteristics:	
By sex and age	+
By citizenship, sex and age	+
By country of birth, sex and age	+

Remarks

Data by citizenship are delivered to Eurostat since the reference date 1 January 2005. Data by country of birth are delivered since 1 January 2004, and data by country of birth and age since 1 January 2005.

Supplementary data sources

The data on NSI website are accessible from the url:

<http://db1.stat.gov.it/statbank/SelectTable/omrade0.asp?Subjectcode=S3&PLanguage=1&Shownews=OFF&tree=false>.

Table M3010216 contains data on population by citizenship for 2001 and 2006-2008 (consistent with JMQ). Tables M3020101 to M3020115 contain data on population migration (mainly for 2001-2008).

Data availability at Eurostat**Availability of data in the Joint Migration Questionnaire, 2001-2007³⁴**

	2001	2002	2003	2004	2005	2006	2007
Immigration							
Total immigration	+	+	+	+	+	+	+
Total immigration by sex and age	+	+	+	+	+	+	+
Immigration by country of previous residence, sex and age	-age	-age	-age	+	+	+	+
Immigration by citizenship, sex and -age	+	+	+	+	+	+	+
Emigration							
Total emigration	+	+	+	+	+	+	+
Total emigration by sex and age	+	+	+	+	+	+	+
Emigration by country of next residence, sex and age	-age	-age	-age	+	+	+	+
Emigration by citizenship, sex and age	+	+	+	+	+	+	+
Acquisition and loss of citizenship							
Acquisition of citizenship by previous citizenship	+	+	+	+	+	+	+
Loss of citizenship	+	+	+	+	+	+	+
Population stocks							
	2002	2003	2004	2005	2006	2007	2008
Total population	+	+	+	+	+	+	+
Total population by sex and age	-age	+	+	+	+	+	+
Population by citizenship, sex and age	-	-	-	+	+	+	+
Population by country of birth, sex and age	-	-	-age	+	+	+	+

+ data were provided to Eurostat; - data were not provided to Eurostat; **-age** no disaggregation by age; **-sex** no disaggregation by sex; **±age** disaggregation by age provided for a few citizenship (or origin/destination) categories; **±ctz** data provided for a few citizenship categories; **±dest** data provided for a few destination categories; **±origin** data provided for a few origin categories; **aggreg** data available for citizenship (or origin/destination) aggregates only; **broad age** data disaggregated by broad age groups; **delay** data were provided with one year delay; **for** data provided for foreigners only; **large Unk** large proportion of unknown origin/destination; **na** data not available; **nat** data provided for nationals only; **non-EEA** data provided for non-EEA citizens only; **p** provisional data.

Availability of Census data on population by citizenship, sex and age and by country of birth, sex and age in the Eurostat database

Population by sex	+
Population by sex and age	+
Population by citizenship, sex and age	+
Population by country of birth, sex and age	+

³⁴ The age dimension has been requested in the tables on flows by country of previous/next residence and in the table on population by country of birth since the Joint Migration Questionnaire 2005 (flow data for 2004).

Luxembourg

Annual statistics on international migration flows

Source	population register
Reference period	calendar year
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included after receiving a residence permit
Foreign students	included on the same principles as other foreigners?
Undocumented migrants	not included
Foreign diplomats etc	not included?
National diplomats etc	not included?
Measurement of events or persons?	events
Date of migration	date of registration/deregistration?
Definition:	
Residence criterion:	legal
Duration of stay - immigration	
- length	no time limit
- intended/actual/permit/other	not applicable
Duration of stay - emigration	
- length	no time limit
- intended/actual/permit/other	not applicable
Available characteristics:	
By sex and age	+
By origin/destination, sex and age	±
By citizenship, sex and age	+
By country of birth, sex and age	-

Remarks

Country of previous/next residence is not available for a large part of flows.

Census statistics on population stocks

Census type	traditional combined with the use of registers
Reference date	15.02.2001
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included
Foreign students	included on the same principles as other foreigners?
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal?
Duration of stay - persons present	
- length	nationals – no time limit?, foreigners: >=12 months
- intended/actual/permit/other	nationals: not applicable?, foreigners: ?
Duration of stay - residents abroad	
- length	<= 12 months
- intended/actual/valid permit/other	intended?
Available characteristics:	
By citizenship, sex and age	+
By country of birth, sex and age	+

Annual statistics on population stocks

Source	estimations using the component method
Reference date	1 January
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included if enumerated or had received a resident permit
Foreign students	included on the same principles as other foreigners
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal
Duration of stay - persons present	
- length	no time limit?
- intended/actual/permit/other	not applicable?
Duration of stay - residents abroad	
- length	no time limit?
- intended/actual/valid permit/other	not applicable?
Available characteristics:	
By sex and age	+
By citizenship, sex and age	±
By country of birth, sex and age	-
Remarks	
Estimates of population by age are available for nationals and total foreigners only. Estimates by citizenship (no cross-tabulation with sex or age) are available for the 15 former EU countries.	

Supplementary data sources

Flow data (by sex) are available at http://www.statistiques.public.lu/stat/TableViewer/tableView.aspx?ReportId=592&IF_Language=fra&MainTheme=2&FldrName=4

Annual data by age and sex (1 January) are available at http://www.statistiques.public.lu/stat/TableViewer/tableView.aspx?ReportId=468&IF_Language=fra&MainTheme=2&FldrName=1.

Annual data on total nationals, total foreigners and total number of foreigners for the main countries of citizenship are available at http://www.statistiques.public.lu/stat/TableViewer/tableView.aspx?ReportId=463&IF_Language=fra&MainTheme=2&FldrName=1.

Data on population by nationality as registered in the population register are available at <http://www.ecp.public.lu/repertoire/stats/index.html>.

Some data on migration are available at the OECD databases (described in Section 4.1).

Data availability at Eurostat

Availability of data in the Joint Migration Questionnaire, 2001-2007³⁵

	2001	2002	2003	2004	2005	2006	2007
Immigration							
Total immigration	+	+	+	+	p	p	p
Total immigration by sex and age	+	+	+	+	p	p	p
Immigration by country of previous residence, sex and age	-	-	large Unk, -age	large Unk	large Unk, p	large Unk, p	large Unk, p
Immigration by citizenship, sex and age	+	+	+	+	p	p	p
Emigration							
Total emigration	+	+	+	+	p	p	p
Total emigration by sex and age	+	+	+	+	p	p	p
Emigration by country of next residence, sex and age	-	-	large Unk, -age	large Unk	large Unk, p	large Unk, p	large Unk, p
Emigration by citizenship, sex and age	+	+	+	+	p	p	p
Acquisition and loss of citizenship							
Acquisition of citizenship by previous citizenship	+	+	+	+	+	+	+
Loss of citizenship	-	-	-	-	-	-	-
Population stocks							
Total population	2002	2003	2004	2005	2006	2007	2008
Total population	-	-	+	+	+	+	+
Total population by sex and age	-	-	+	+	+	+	+
Population by citizenship, sex and age	-	-	tot, nat	±ctz, ±age, ±sex	±ctz, ±age, ±sex	±ctz, ±age, ±sex	±ctz, ±age, ±sex
Population by country of birth, sex and age	-	-	-	-	-	-	-

+ data were provided to Eurostat; - data were not provided to Eurostat; **-age** no disaggregation by age; **-sex** no disaggregation by sex; **±age** disaggregation by age provided for a few citizenship (or origin/destination) categories; **±ctz** data provided for a few citizenship categories; **±dest** data provided for a few destination categories; **±origin** data provided for a few origin categories; **±sex** disaggregation by sex provided for a few citizenship categories only; **aggreg** data available for citizenship (or origin/destination) aggregates only; **broad age** data disaggregated by broad age groups; **delay** data were provided with one year delay; **for** data provided for foreigners only; **large Unk** large proportion of unknown origin/destination; **na** data not available; **nat** data provided for nationals only; **non-EEA** data provided for non-EEA citizens only; **p** provisional data.

Availability of Census data on population by citizenship, sex and age and by country of birth, sex and age in the Eurostat database

Population by sex	+
Population by sex and age	+
Population by citizenship, sex and age	+
Population by country of birth, sex and age	+

³⁵ The age dimension has been requested in the tables on flows by country of previous/next residence and in the table on population by country of birth since the Joint Migration Questionnaire 2005 (flow data for 2004).

Malta

Annual statistics on international migration flows

Source	forms filled in at Customs (immigration); information from foreign Embassies (emigration to UK)
Reference period	calendar year
Coverage	immigration: Maltese (persons of Maltese origin) and non-Maltese; emigration: Maltese emigrating to the UK
Special groups:	
Asylum seekers	not included
Foreign students	not included
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc	not included
Measurement of events or persons?	events
Date of migration	immigration: date of crossing the border; year of emigration (to the UK)
Definition:	
Residence criterion:	legal
Duration of stay - immigration	
- length	permanent
- intended/actual/permit/other	intended
Duration of stay - emigration	
- length	permanent
- intended/actual/permit/other	intended
Available characteristics:	
By sex and age	+
By origin/destination, sex and age	±
By citizenship, sex and age	±
By country of birth, sex and age	±

Remarks

Immigration data are provided for main countries of previous residence, main countries of citizenship and main countries of birth only (Australia, Canada, Italy, the UK, the United States). Emigration data refer to flows of Maltese nationals to the UK. The data by detailed country of citizenship were sent for the first time in JMQ 2008.

Census statistics on population stocks

Census type	traditional
Reference date	26.11.1995, 27.11.2005
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	not included
Foreign students	included on the same principles as other foreigners?
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal?
Duration of stay - persons present	
- length	nationals – no time limit?, foreigners: >=12 months
- intended/actual/permit/other	nationals: not applicable?, foreigners: ?
Duration of stay - residents abroad	
- length	<= 12 months
- intended/actual/valid permit/other	intended?
Available characteristics:	
By citizenship, sex and age	+?
By country of birth, sex and age	+?

Remarks

Maltese Census data on population by citizenship or by country of birth are not easily available (sources checked: Eurostat, NSI's webpage, UNSD's *Demographic Yearbook Special Census Topics*).

Annual statistics on population stocks

Source	Estimations using the component method
Reference date	1 January
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	not included?
Foreign students	included on the same principles as other foreigners?
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal
Duration of stay - persons present	
- length	nationals ?, foreigners: >=12 months
- intended/actual/permit/other	nationals: ?, foreigners: ?
Duration of stay - residents abroad	
- length	<= 12 months
- intended/actual/valid permit/other	intended?
Available characteristics:	
By sex and age	+
By citizenship, sex and age	±
By country of birth, sex and age	-

Remarks

Data by sex and age are available on total population and on Maltese. Disaggregation of foreigners by citizenship is available in JMQ 2008 (estimates for 1 January 2008).

Supplementary data sources

1995 Census: a few figures (most important categories) on total population by citizenship and by country of birth are available at the NSI's website at <http://www.nso.gov.mt/site/page.aspx?pageid=215>.

The report from 2005 Census (Volume 1: Population) was published on the NSI website:

http://www.nso.gov.mt/docs/Census2005_Vol1.pdf. It contains data on population composition by citizenship (nationals and foreigners – Table 7, main nationality and age 10-year groups – Table 8b); breakdown by main country of birth is given in Table 13. Data total population (for each sex) by age were given for 1 year age groups.

The best available source of annual demographic statistics is the *Demographic Review* published annually and available on the NSI website at:

http://www.nso.gov.mt/statdoc/document_file.aspx?id=404 (*Dem. Rev. 2001*)

http://www.nso.gov.mt/statdoc/document_file.aspx?id=114 (*Dem. Rev. 2002*)

http://www.nso.gov.mt/statdoc/document_file.aspx?id=400 (*Dem. Rev. 2003*)

http://www.nso.gov.mt/statdoc/document_file.aspx?id=1542 (*Dem. Rev. 2004*)

http://www.nso.gov.mt/statdoc/document_file.aspx?id=1916 (*Dem. Rev. 2005*)

http://www.nso.gov.mt/statdoc/document_file.aspx?id=2158 (*Dem. Rev. 2006*)

http://www.nso.gov.mt/statdoc/document_file.aspx?id=2325 (*Dem. Rev. 2007*).

Demographic Review 2007 contains data on total and Maltese total population, and Maltese population by sex and age (estimates based on the 2005 census). Some migration flow data are also published but they are very few (and the number of migration flow tables is smaller every year. In the 2007 edition, there is no table on flows, just a couple of figures assumed in projections). A list of publications and statistical data is available at http://www.nso.gov.mt/themes/theme_page.aspx?id=77.

Data availability at Eurostat

Availability of data in the Joint Migration Questionnaire, 2001-2007³⁶

	2001	2002	2003	2004	2005	2006	2007
Immigration							
Total immigration	-	+	-	-	-	+	+
Total immigration by sex and age	-	+	-	-	-	-age	+
Immigration by country of previous residence, sex and age	nat, ±origin, -age, large Unk	nat, ±origin, -age, large Unk	-	-	-	-age, -origin	na
Immigration by citizenship, sex and age	nat	±ctz	-	-	-	tot, nat, -age	+
Emigration							
Total emigration	-	-	-	-	-	+	+
Total emigration by sex and age	-	-	-	-	-	-age	+
Emigration by country of next residence, sex and age	nat, to UK, -age	nat, to UK, -age	-	-	-	-age, -dest	na
Emigration by citizenship, sex and age	na	na	na	na	-	tot, nat, -age	+
Acquisition and loss of citizenship							
Acquisition of citizenship by previous citizenship	-	na	-	-	-	-ctz	+
Loss of citizenship		na	-	-	-	-	+
Population stocks							
Total population	2002	2003	2004	2005	2006	2007	2008
Total population	-	-	-	-	-	+	+
Total population by sex and age	-	-	-	-	-	+	+
Population by citizenship, sex and age	na	-	-	-	-	tot, nat	+
Population by country of birth, sex and age	na	-	-	-	-	-	-

+ data provided to Eurostat; **-age** no disaggregation by age; **-sex** no disaggregation by sex; **±age** disaggregation by age provided for a few citizenship (or origin/destination) categories; **±ctz** data provided for a few citizenship categories; **±dest** data provided for a few destination categories; **±origin** data provided for a few origin categories; **aggreg** data available for citizenship (or origin/destination) aggregates only; **broad age** data disaggregated by broad age groups; **delay** data were provided with one year delay; **for** data provided for foreigners only; **large Unk** large proportion of unknown origin/destination; **na** data not available; **nat** data provided for nationals only (for immigration to Malta: Persons of Maltese origin); **non-EEA** data provided for non-EEA citizens only; **p** provisional data; **tot** data provided for total; **to UK** data provided for emigration to the UK only.

Availability of Census data on population by citizenship, sex and age and by country of birth, sex and age in the Eurostat database

Population by sex
 Population by sex and age
 Population by citizenship, sex and age
 Population by country of birth, sex and age

-
-
-
-

³⁶ The age dimension has been requested in the tables on flows by country of previous/next residence and in the table on population by country of birth since the Joint Migration Questionnaire 2005 (flow data for 2004).

Netherlands

Annual statistics on international migration flows

Source	population register
Reference period	calendar year
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	partially included
Foreign students	partially included
Undocumented migrants	not included
Foreign diplomats etc	partially included
National diplomats etc	not included
Measurement of events or persons?	events
Date of migration	date of registration/deregistration
Definition:	
Residence criterion:	legal
Duration of stay - immigration	
- length	4 out of 6 months
- intended/actual/permit/other	intended
Duration of stay - emigration	
- length	8 out of 12 months
- intended/actual/permit/other	intended
Available characteristics:	
By sex and age	+
By origin/destination, sex and age	+
By citizenship, sex and age	+
By country of birth, sex and age	+

Census statistics on population stocks

Census type	register-based only
Reference date	1.01.2001
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included
Foreign students	included
Undocumented migrants	not included
Foreign diplomats etc	partially included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal
Duration of stay - persons present	
- length	?
- intended/actual/permit/other	intended
Duration of stay - residents abroad	
- length	<= 12 months
- intended/actual/valid permit/other	intended
Available characteristics:	
By citizenship, sex and age	+
By country of birth, sex and age	+

Annual statistics on population stocks

Source	population register
Reference date	1 January
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	partially included
Foreign students	included
Undocumented migrants	not included
Foreign diplomats etc	partially included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal
Duration of stay - persons present	
- length	4 out of 6 months?
- intended/actual/permit/other	intended
Duration of stay - residents abroad	
- length	8 out of 12 months?
- intended/actual/valid permit/other	intended
Available characteristics:	
By sex and age	+
By citizenship, sex and age	+
By country of birth, sex and age	+

Supplementary data sources

The NSI website contains data on international migration flows and population stocks at the following address: <http://www.cbs.nl/en-GB/menu/themas/bevolking/cijfers/default.htm>.

There are data on population stock by sex, age (broad group) and origin (“Characteristic showing with which country someone actually is closely related given their own country of birth and that of their parents”, according to <http://www.cbs.nl/en-GB/menu/themas/bevolking/methoden/begrippen/default.htm?ConceptID=315>).

Some data on migration are available at the OECD databases (described in Section 4.1).

Data availability at Eurostat**Availability of data in the Joint Migration Questionnaire, 2001-2007³⁷**

	2001	2002	2003	2004	2005	2006	2007
Immigration							
Total immigration	+	+	+	+	+	+	+
Total immigration by sex and age	+	+	+	+	+	+	+
Immigration by country of previous residence, sex and age	-age	-age	-age	+	+	+	+
Immigration by citizenship, sex and age	large Unk	large Unk	+	+	+	+	+
Emigration							
Total emigration	+	+	+	+	+	+	+
Total emigration by sex and age	+	+	+	+	+	+	+
Emigration by country of next residence, sex and age	-age	-age	-age	+	+	large Unk	+
Emigration by citizenship, sex and age	+	+	+	+	+	+	+
Acquisition and loss of citizenship							
Acquisition of citizenship by previous citizenship	+	+	+	+	+	+	+
Loss of citizenship	+	+	+	+	+	+	+
Population stocks							
Total population	2002	2003	2004	2005	2006	2006	2006
Total population by sex and age	+	+	+	+	+	+	+
Population by citizenship, sex and age	+	+	+	+	+	+	+
Population by country of birth, sex and age	-age	-age	-age	+	+	+	+

+ data were provided to Eurostat; - data were not provided to Eurostat; **-age** no disaggregation by age; **-sex** no disaggregation by sex; **±age** disaggregation by age provided for a few citizenship (or origin/destination) categories; **±ctz** data provided for a few citizenship categories; **±dest** data provided for a few destination categories; **±origin** data provided for a few origin categories; **aggreg** data available for citizenship (or origin/destination) aggregates only; **broad age** data disaggregated by broad age groups; **delay** data were provided with one year delay; **for** data provided for foreigners only; **large Unk** large proportion of unknown origin/destination; **na** data not available; **nat** data provided for nationals only; **non-EEA** data provided for non-EEA citizens only; **p** provisional data.

Availability of Census data on population by citizenship, sex and age and by country of birth, sex and age in the Eurostat database

Population by sex	+
Population by sex and age	+
Population by citizenship, sex and age	+
Population by country of birth, sex and age	+

³⁷ The age dimension has been requested in the tables on flows by country of previous/next residence and in the table on population by country of birth since the Joint Migration Questionnaire 2005 (flow data for 2004).

Poland

Annual statistics on international migration flows

Source	population register (since 2006), statistical forms (till 2005)
Reference period	calendar year
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included after receiving permanent residence permit
Foreign students	not included
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc	not included
Measurement of events or persons?	events
Date of migration	date of registration/deregistration
Definition:	
Residence criterion:	legal
Duration of stay - immigration	
- length	permanent
- intended/actual/permit/other	nationals: intended; foreigners: intended + permit
Duration of stay - emigration	
- length	permanent
- intended/actual/permit/other	intended
Available characteristics:	
By sex and age	+
By origin/destination, sex and age	+
By citizenship, sex and age	±
By country of birth, sex and age	-

Remarks

Immigration statistics covers persons who registered in a municipal office by filling in a form "Notification of a permanent stay": nationals who settle in Poland after a period of not having permanent residence here and foreigners who received a permit to settle in Poland. Emigration statistics covers nationals and foreigners who had permanent residence in Poland, and declared their intention to leave Poland by filling in a form "Notification of deregistration from a place of permanent stay". Thus, international migration flow statistics cover only a subset of all long term migration. For example, immigration statistics exclude foreigners who come on limited duration permits, while emigration statistics do not cover nationals who stay abroad more than a year but plan to come back in future and want to keep their permanent address in Poland. The breakdown by citizenship is available since 2007.

Census statistics on population stocks

Census type	traditional
Reference date	20 May 2002
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included if had received permanent residence permit
Foreign students	not included
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal
Duration of stay - persons present	
- length	permanent residence status
- intended/actual/permit/other	not applicable
Duration of stay - residents abroad	
- length	not permanent
- intended/actual/valid permit/other	intended
Available characteristics:	
By citizenship, sex and age	+
By country of birth, sex and age	+

Remarks

Census figures include 666 thousand persons of unknown citizenship and 602 thousand persons of unknown country of birth. Information above refer to the main census results disseminated by the NSI. Population estimates have been produced also using different definitions, but very few statistics based on these different definitions have been published (for more information see *Supplementary data sources* section below).

Annual statistics on population stocks

Source	calculations using the component method
Reference date	1 January
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	not included
Foreign students	not included
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal
Duration of stay - persons present	
- length	permanent residence status
- intended/actual/permit/other	not applicable
Duration of stay - residents abroad	
- length	not permanent
- intended/actual/valid permit/other	intended
Available characteristics:	
By sex and age	+
By citizenship, sex and age	+ (since JMQ 2007)
By country of birth, sex and age	+ (since JMQ 2007)

Remarks

The annual stock figures are obtained with the component method, using information on population on 1 January of the previous year, births, deaths, and international migration flows as described above. Thus, they do not include foreigners who stay in Poland more than a year but on a limited duration permit (foreigners with temporary residence in Poland), or nationals who lived abroad more than a year but kept their permanent address in Poland.

Supplementary data sources

In addition to usually published Census statistics on population with permanent residence in Poland (available from the Eurostat on-line database), other information potentially available from the Census are statistics on usually resident population and on population temporarily present/absent for more than 12 months. The following Census data are published on the NSI's website: usually resident population by sex and age; usually resident foreign population by sex, and by broad age group and citizenship; population temporarily present/absent for more than 12 months by sex and citizenship, and by broad age group and citizenship.

A useful source of data on flows and stocks of foreigners might be the foreigners register (*System POBYT*) run by the Office for Repatriation and Aliens (*URiC*), where data on foreigners and residence permits are collected. Some aggregated statistics from *System Pobyt* are published at the website: www.uric.gov.pl (data available in Polish only at <http://www.udsc.gov.pl/Dane.do,sciagniecia,232.html>). Selected data about residence permits issued to EU citizens and non-EU citizens have been published in the Polish *Demographic Yearbook 2008* (available at http://www.stat.gov.pl/gus/5840_3697_ENG_HTML.htm), including number of permits by permit type and citizenship (only most important countries of citizenship are listed). In future, detailed data from *System Pobyt* needed to estimate population stock could probably be requested from *URiC* and used for estimating flows and stocks of foreigners by citizenship and country of birth, but historical data needed to estimate population stocks in the period 2001-2006 will not be probably available.

In order to estimate population by citizenship using a projection model, data on acquisition of citizenship by country of previous citizenship, sex and age, as well as data on loss of citizenship would be needed. Data on acquisition of citizenship by previous citizenship and on losses of citizenship are provided regularly in the JMQ, however data disaggregated by sex and age are not available

Some data (with missing observation) on migration are available at the OECD databases (described in Section 4.1).

Data availability at Eurostat**Availability of data in the Joint Migration Questionnaire, 2001-2007³⁸**

	2001	2002	2003	2004	2005	2006	2007
Immigration							
Total immigration	+	+	+	+	+	+	+
Total immigration by sex and age	-age	-age	-age	+	+	+	+
Immigration by country of previous residence, sex and age	-age	-age	-age	+	+	+	+
Immigration by citizenship, sex and age	na	na	na	na	na	+	+
Emigration							
Total emigration	+	+	+	+	+	+	+
Total emigration by sex and age	-age	-age	-age	+	+	+	+
Emigration by country of next residence, sex and age	-age	-age	-age	+	+	+	+
Emigration by citizenship, sex and age	na	na	na	na	na	+	+
Acquisition and loss of citizenship							
Acquisition of citizenship by previous citizenship	+	+	+	+	+	+	+
Loss of citizenship	+	+	+	+	+	+	+
Population stocks							
Total population	Census	-	-	+	+	+	+
Total population by sex and age	Census	-	-	+	+	+	+
Population by citizenship, sex and age	Census	-	-	-	-	+	+
Population by country of birth, sex and age	Census, -age	-	-	-	-	-	-

+ data were provided to Eurostat; **-** data were not provided to Eurostat; **-age** no disaggregation by age; **-sex** no disaggregation by sex; **±age** disaggregation by age provided for a few citizenship (or origin/destination) categories; **Census** – data from the Census (not 1 January); **±ctz** data provided for a few citizenship categories; **±dest** data provided for a few destination categories; **±origin** data provided for a few origin categories;; **aggreg** data available for citizenship (or origin/destination) aggregates only; **broad age** data disaggregated by broad age groups; **delay** data were provided with one year delay; **for** data provided for foreigners only; **large Unk** large proportion of unknown origin/destination; **na** data not available; **nat** data provided for nationals only; **non-EEA** data provided for non-EEA citizens only; **p** provisional data.

Availability of Census data on population by citizenship, sex and age and by country of birth, sex and age in the Eurostat database

Reference date	20.05.2002
Population by sex	+
Population by sex and age	+
Population by citizenship, sex and age	+
Population by country of birth, sex and age	+

³⁸ The age dimension has been requested in the tables on flows by country of previous/next residence and in the table on population by country of birth since the Joint Migration Questionnaire 2005 (flow data for 2004).

Portugal

Annual statistics on international migration flows

Source	immigration: database of residence permits; emigration: household survey
Reference period	calendar year
Coverage	immigration: foreigners; emigration: nationals and foreigners
Special groups:	
Asylum seekers	not included?
Foreign students	not included
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc	not included
Measurement of events or persons?	immigration: events; emigration: persons
Date of migration	immigration: date of application for a permit? emigration: year of migration?
Definition:	
Residence criterion:	immigration: legal; emigration: usual
Duration of stay - immigration	
- length	1 year
- intended/actual/permit/other	permit
Duration of stay - emigration	
- length	1 year
- intended/actual/permit/other	intended
Available characteristics:	
By sex and age	immigration +; emigration: no disaggregation by age
By origin/destination, sex and age	immigration +; emigration: no disaggregation by age
By citizenship, sex and age	immigration +; emigration -
By country of birth, sex and age	immigration +; emigration -
Remarks	
Data on immigration of foreigners might refer to the number of foreigners who applied for a residence permit. Many publications contain provisional data, and it might be not clear which data are final.	

Census statistics on population stocks

Census type	traditional
Reference date	12.03.2001
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included
Foreign students	included on the same principles as other foreigners?
Undocumented migrants	included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	usual
Duration of stay - persons present	
- length	nationals – no time limit, foreigners: >=12 months
- intended/actual/permit/other	nationals: not applicable, foreigners: actual
Duration of stay - residents abroad	
- length	<= 12 months
- intended/actual/valid permit/other	intended?
Available characteristics:	
By citizenship, sex and age	+
By country of birth, sex and age	+
Remarks	
Information above refer to statistics on usually resident population. Some figures on present population have also been produced.	

Annual statistics on population stocks

Source	estimations using the component method; foreigners by citizenship: register of foreigners
Reference date	1 January
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	component method: partially included; register of foreigners: ?
Foreign students	included on the same principles as other foreigners
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal
Duration of stay - persons present	
- length	component method: ?; register of foreigners: ?
- intended/actual/permit/other	component method: ?; register of foreigners: ?
Duration of stay - residents abroad	
- length	component method: <=12 months?;
- intended/actual/valid permit/other	register of foreigners: <= permit duration
Available characteristics:	component method: intended?; register of foreigners: permit
By sex and age	+
By citizenship, sex and age	± (foreigners, based on residence permit data)
By country of birth, sex and age	-

Remarks

It is not clear how net migration is estimated when the component method is used. It is not equal to the difference between immigration and emigration flow provided to Eurostat. The number of nationals is not published. In JMQ 2007 the source of data on foreigners were Residence permits, Stay permits, Work permits and Long-term visas. In JMQ 2008 the sources listed are: Register of foreigners, Residence permits, Work permits and Long-term visas issued by Ministry and long-term visas extended by Foreign Affairs and Borders and Foreigners Service; the number of nationals as estimated by Statistics Portugal is also given.

Many publications contain provisional data, and it might be unclear which data are final.

Supplementary data sources

Portuguese demographic data (including data on foreigners by citizenship and by broad groups of age) are available at

http://www.ine.pt/xportal/xmain?xpid=INE&xpgid=ine_princindic. *Demographic Statistics* (last issue in 2007) and other publications concerning demography (such as *Demographic Studies Review*) are available at http://www.ine.pt/xportal/xmain?xpid=INE&xpgid=ine_publicacoes, theme *Population*.

The data on foreign population by sex, age and citizenship are available for 2002-2007 (for 2002-2004 the data are marked as final) and can be obtained from the Ministry of Interior website:

http://www.sef.pt/portal/V10/PT/asp/estatisticas/index.aspx?id_linha=4224&menu_position=4142#0

The data are available in the reports titled *Residentes por Grupo Etário* for various years. For 2008 the number of Foreigners by sex is given in the report *População Estrangeira em Território Nacional*.

Some data on migration are available at the OECD databases (described in Section 4.1).

Data availability at Eurostat**Availability of data in the Joint Migration Questionnaire, 2001-2007³⁹**

	2001	2002	2003	2004	2005	2006	2007
Immigration							
Total immigration	-	-	-	-	-	p, for	-
Total immigration by sex and age	-	-	-	-	-	p, for	-
Immigration by country of previous residence, sex and age	p, for, -age	p, for, -age	p, for	p, for	-	p, for	-
Immigration by citizenship, sex and age	p, for	p, for	p, for	p, for	-	p, for	-
Emigration							
Total emigration	+	+	+	-	-	na	-
Total emigration by sex and age	-	-	-	-	-	na	-
Emigration by country of next residence, sex and age	-sex, -age	-sex, -age	-sex, -age	-	-	na	-
Emigration by citizenship, sex and age	-	-	-	-	-	na	-
Acquisition and loss of citizenship							
Acquisition of citizenship by previous citizenship	p	+	+	+	-	p	-
Loss of citizenship	-	-	-	-	-	-	-
Population stocks							
Total population		2002	2003	2004	2005	2006	2007
Total population	-	-	-	-	-	-	for, p
Total population by sex and age	-	-	-	-	-	-	-sex, -age, for, p
Population by citizenship, sex and age	p, for, -age	p, for	-	-	-	-	-sex, -age, for, p
Population by country of birth, sex and age	-	na	na	na	na	na	na

+ data were provided to Eurostat; **-** data were not provided to Eurostat; **-age** no disaggregation by age; **-sex** no disaggregation by sex; **±age** disaggregation by age provided for a few citizenship (or origin/destination) categories; **±ctz** data provided for a few citizenship categories; **±dest** data provided for a few destination categories; **±origin** data provided for a few origin categories; **aggreg** data available for citizenship (or origin/destination) aggregates only; **broad age** data disaggregated by broad age groups; **delay** data were provided with one year delay; **for** data provided for foreigners only; **large Unk** large proportion of unknown origin/destination; **na** data not available; **nat** data provided for nationals only; **non-EEA** data provided for non-EEA citizens only; **p** provisional data.

Availability of Census data on population by citizenship, sex and age and by country of birth, sex and age in the Eurostat database

Population by sex	+
Population by sex and age	+
Population by citizenship, sex and age	+
Population by country of birth, sex and age	+

³⁹ The age dimension has been requested in the tables on flows by country of previous/next residence and in the table on population by country of birth since the Joint Migration Questionnaire 2005 (flow data for 2004).

Romania

Annual statistics on international migration flows

Source	population register
Reference period	calendar year
Coverage	immigration: foreigners; emigration: nationals
Special groups:	
Asylum seekers	included after receiving permanent residence permit
Foreign students	not included
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc	not included
Measurement of events or persons?	events
Date of migration	date of registration/deregistration
Definition:	
Residence criterion:	legal
Duration of stay - immigration	
- length	permanent
- intended/actual/permit/other	intended + permit
Duration of stay - emigration	
- length	permanent
- intended/actual/permit/other	intended
Available characteristics:	
By sex and age	+
By origin/destination, sex and age	immigration -; emigration +
By citizenship, sex and age	immigration +; emigration: data for nationals only
By country of birth, sex and age	?

Remarks

Immigration statistics refer to foreigners registered in the population register after receiving a permanent residence permit. Emigration statistics refer to nationals who deregistered from the register because of emigration for permanent stay abroad. Statistics on immigration of nationals and emigration of foreigners are not available

Census statistics on population stocks

Census type	traditional
Reference date	18.03.2002
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included if had received a residence permit
Foreign students	included on the same principles as other foreigners?
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal
Duration of stay - persons present	
- length	nationals – no time limit?, foreigners: >=12 months
- intended/actual/permit/other	nationals: not applicable; foreigners: actual?
Duration of stay - residents abroad	
- length	<= 12 months
- intended/actual/valid permit/other	actual
Available characteristics:	
By citizenship, sex and age	+
By country of birth, sex and age	+

Remarks

Information above refer to the statistics disseminated in census publications and delivered to Eurostat. Another set of population figures produced based on the census results is that of permanently resident population. The latter one is used for estimating annual population of Romania in the years following the census.

Annual statistics on population stocks

Source	estimations using the component method
Reference date	1 January
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	not included
Foreign students	not included
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal
Duration of stay - persons present	
- length	permanent residence status
- intended/actual/permit/other	not applicable
Duration of stay - residents abroad	
- length	not permanent
- intended/actual/valid permit/other	intended
Available characteristics:	
By sex and age	+
By citizenship, sex and age	+
By country of birth, sex and age	+

Remarks

The starting point for the calculation of population using the component method are census data on permanently resident population. Migration data used to produce the estimations are: immigration data on foreigners who received permanent residence status and data on permanent emigration of nationals. Immigration of nationals and emigration of foreigners are not taken into account.

Supplementary data sources

1994-2008 time series of data on total population on 1 January, by sex and age, is available at the NSI website at <https://statistici.insse.ro/shop/?lang=en>.

Selected data on immigration and emigration flows were published in the Statistical Yearbook 2007 available at <http://www.insse.ro/cms/files/pdf/en/cp2.pdf>.

Data availability at Eurostat**Availability of data in the Joint Migration Questionnaire, 2001-2007⁴⁰**

	2001	2002	2003	2004	2005	2006	2007
Immigration							
Total immigration	for	for	for	for	for	for	for
Total immigration by sex and age	for	for	for	for	for	for	for
Immigration by country of previous residence, sex and age	na	na	na	na	na	na	na
Immigration by citizenship, sex and age	for	for	for	for	for	for	for
Emigration							
Total emigration	nat	nat	nat	nat	nat	nat	nat
Total emigration by sex and age	nat	nat	nat	nat	nat	nat	nat
Emigration by country of next residence, sex and age	nat, -age	nat, -age	nat, -age	nat	nat	nat	nat
Emigration by citizenship, sex and age	nat	nat	nat	nat	nat	nat	nat
Acquisition and loss of citizenship							
Acquisition of citizenship by previous citizenship	+	+	+	+	+	+	+
Loss of citizenship	-	+	+	+	+	+	+
Population stocks							
	2002	2003	2004	2005	2006	2007	2008
Total population	Census	-	+	+	+	+	+
Total population by sex and age	Census	-	+	+	+	+	+
Population by citizenship, sex and age	Census	-	+	+	+	+	+
Population by country of birth, sex and age	Census, -age	-	-age	-	+	+	+

+ data were provided to Eurostat; **-** data were not provided to Eurostat; **-age** no disaggregation by age; **-sex** no disaggregation by sex; **±age** disaggregation by age provided for a few citizenship (or origin/destination) categories; **Census** – data for Census reference date; **±ctz** data provided for a few citizenship categories; **±dest** data provided for a few destination categories; **±origin** data provided for a few origin categories;; **aggreg** data available for citizenship (or origin/destination) aggregates only; **broad age** data disaggregated by broad age groups; **delay** data were provided with one year delay; **for** data provided for foreigners only; **large Unk** large proportion of unknown origin/destination; **na** data not available; **nat** data provided for nationals only; **non-EEA** data provided for non-EEA citizens only; **p** provisional data.

Availability of Census data on population by citizenship, sex and age and by country of birth, sex and age in the Eurostat database

Population by sex	+
Population by sex and age	+
Population by citizenship, sex and age	+
Population by country of birth, sex and age	+

⁴⁰ The age dimension has been requested in the tables on flows by country of previous/next residence and in the table on population by country of birth since the Joint Migration Questionnaire 2005 (flow data for 2004).

Slovakia

Annual statistics on international migration flows

Source	statistical forms and register of foreigners
Reference period	calendar year
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included after receiving a permit
Foreign students	not included
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc	not included
Measurement of events or persons?	events
Date of migration	date of registration/deregistration; permit data: date of permit issue/expiry
Definition:	
Residence criterion:	legal
Duration of stay - immigration	
- length	nationals and foreigners by origin: permanent; foreigners by citizenship : 3 months?
- intended/actual/permit/other	nationals: intended; foreigners by origin: intended + permit; foreigners by citizenship: permit
Duration of stay - emigration	
- length	nationals: permanent; foreigners: permanent or permit expiry
- intended/actual/permit/other	permanent residents: intended; other foreigners: permit
Available characteristics:	
By sex and age	+
By origin/destination, sex and age	+
By citizenship, sex and age	+
By country of birth, sex and age	nationals -; foreigners: by cob (no cross-tabulation with sex and age)

Remarks

Data on flows by country of previous/next residence in 2002-2005 and by citizenship in 2002 refer to permanent migration only. Data on flows of foreigners by citizenship from 2003 cover permanent as well as temporary changes of residence.

Census statistics on population stocks

Census type	traditional
Reference date	26.05.2001
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	not included
Foreign students	included on the same principles as other foreigners?
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal?
Duration of stay - persons present	
- length	permanent residence status
- intended/actual/permit/other	not applicable
Duration of stay - residents abroad	
- length	not permanent
- intended/actual/valid permit/other	intended
Available characteristics:	
By citizenship, sex and age	+
By country of birth, sex and age	+

Annual statistics on population stocks

Source	total: calculations using the component method; foreigners total and by citizenship: register of foreigners
Reference date	1 January
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	component method: not included; register of foreigners: ?
Foreign students	component method: not included; register of foreigners: ?
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal
Duration of stay - persons present	
- length	component method: permanent residence status register of foreigners: ?months (temporary) and permanent
- intended/actual/permit/other	component method: not applicable; register of foreigners: permit
Duration of stay - residents abroad	
- length	component method: not permanent; register of foreigners: <=permit duration
- intended/actual/valid permit/other	component method: intended; register of foreigners: permit
Available characteristics:	
By sex and age	+
By citizenship, sex and age	± (since 1 January 2004?)
By country of birth, sex and age	± (since 1 January 2004?)

Remarks

Total population by age and sex refer to population with permanent residence status and is calculated using the component method. Data on foreigners total and by citizenship come from the register of foreigners and refer to foreigners with a valid temporary or permanent residence permit. The number and the age structure of nationals was estimated as the difference between these (inconsistent) figures for total population and foreigners. Data on population by country of birth 2004 and 2006 were produced based on the register of foreigners; Data on population by country of birth 2005: "created from two sources: Register of Population and demographic statistics of the SO SR." (JMQ 2005). For years 2007 and 2008 data source was Register of Foreigners.

Note: JMQ2006 – wrong reference date: data on population 1 Jan 2006, not 2005 (checked in Infostat)

Supplementary data sources

Only very limited data on population stocks and migration flows are published at the NSI website (at the address <http://www.statistics.sk/pls/elisw/metainfo.explorer>, under Demography and Social Statistics Theme). The available statistics include data on annual population stocks by sex and 5-year age group and data on total immigration and total emigration. It seems that flow or stock data disaggregated by citizenship or country of birth are not available at the NSI website.

Statistics on stocks of foreigners (residence permit data) are available from the website of the Border and Aliens Police: <http://www.minv.sk/?rocenky> (Yearbooks 2000-2008 of the Border and Aliens Police).

Some data on migration are available at the OECD databases (described in Section 4.1).

Data availability at Eurostat – remarks

2001-2002 data on flows and 2003-2007 data on flows by country of previous/next residence refer to changes of permanent residence only.

Data availability at Eurostat**Availability of data in the Joint Migration Questionnaire, 2001-2007⁴¹**

	2001	2002	2003	2004	2005	2006	2007
Immigration							
Total immigration	i	i	+	+	+	+	+
Total immigration by sex and age	i	i	+	+	+	+	+
Immigration by country of previous residence, sex and age	i, -age	i, -age	i, -age	i	i, large Unk	i, large Unk	i, large Unk
Immigration by citizenship, sex and age	i	i	+	+	+	+	+
Emigration							
Total emigration	i	i	+	+	+	+	+
Total emigration by sex and age	i	i	+	+	+	+	+
Emigration by country of next residence, sex and age	i, -age	i, -age	i, -age	i	i, large Unk	i, large Unk	i, large Unk
Emigration by citizenship, sex and age	i	i	+	+	+	+	+
Acquisition and loss of citizenship							
Acquisition of citizenship by previous citizenship	+	+	+	+	+	+	+
Loss of citizenship	+	-	+	+	+	+	+
Population stocks							
Total population	-	-	-	+	+	+	+
Total population by sex and age	-	-	-	+	+	+	+
Population by citizenship, sex and age	-	-	for	i	i	i	i
Population by country of birth, sex and age	-	-	for, -age	-age	for	for	for

+ data were provided to Eurostat; **-** data were not provided to Eurostat; **-age** no disaggregation by age; **-sex** no disaggregation by sex; **±age** disaggregation by age provided for a few citizenship (or origin/destination) categories; **±ctz** data provided for a few citizenship categories; **±dest** data provided for a few destination categories; **±origin** data provided for a few origin categories; **aggreg** data available for citizenship (or origin/destination) aggregates only; **broad age** data disaggregated by broad age groups; **delay** data were provided with one year delay; **for** data provided for foreigners only; **i** data inconsistency problems; **large Unk** large proportion of unknown origin/destination; **na** data not available; **nat** data provided for nationals only; **non-EEA** data provided for non-EEA citizens only; **p** provisional data.

Availability of Census data on population by citizenship, sex and age and by country of birth, sex and age in the Eurostat database

Population by sex	+
Population by sex and age	+
Population by citizenship, sex and age	+
Population by country of birth, sex and age	+

⁴¹ The age dimension has been requested in the tables on flows by country of previous/next residence and in the table on population by country of birth since the Joint Migration Questionnaire 2005 (flow data for 2004).

Slovenia

Annual statistics on international migration flows

Source	nationals: population register; foreigners: register of foreigners
Reference period	calendar year
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included after receiving a residence permit
Foreign students	included?
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc	not included
Measurement of events or persons?	events
Date of migration	nationals: date of registration/deregistration; foreigners: date of registration/deregistration or date of permit expiry
Definition:	
Residence criterion:	legal
Duration of stay - immigration	
- length	3 months
- intended/actual/permit/other	intended
Duration of stay - emigration	
- length	nationals: 3 months; foreigners: permanent or permit expiry
- intended/actual/permit/other	nationals: intended; foreigners: intended or permit expiry
Available characteristics:	
By sex and age	+
By origin/destination, sex and age	± (data available for nationals only)
By citizenship, sex and age	immigration +; emigration: age available for total and nationals only
By country of birth, sex and age	-

Remarks

According to the statistical definition, according to which SORS has been publishing data on population of Slovenia from 1 January 1995 on, population of Slovenia consists of:

- citizens of the Republic of Slovenia with permanent residence in Slovenia, excluding those who have been abroad for more than three months and gave notice of their departure at the administrative unit of their permanent residence,
- foreigners with issued permission for permanent residing in the Republic of Slovenia, who have a registered permanent residence,
- foreigners with issued permission for temporary residing in the Republic of Slovenia, who have a registered temporary residence,
- foreigners with a valid work permit or a business visa, who have a registered temporary residence in Slovenia,
- persons according to the Asylum Act to whom the asylum and refugee status were granted in the Republic of Slovenia (refugees).

Census statistics on population stocks

Census type	traditional combined with the use of registers
Reference date	31.03.2002
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included
Foreign students	included on the same principles as other foreigners?
Undocumented migrants	included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	usual
Duration of stay - persons present	
- length	nationals – no time limit?, foreigners: >=12 months
- intended/actual/permit/other	nationals: not applicable, foreigners: actual?
Duration of stay - residents abroad	
- length	<= 12 months
- intended/actual/valid permit/other	actual?
Available characteristics:	
By citizenship, sex and age	+
By country of birth, sex and age	+

Annual statistics on population stocks

Source	nationals: population register; foreigners: register of foreigners
Reference date	1 January
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included if had received a residence permit
Foreign students	included based on the same principles as other foreigners
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal
Duration of stay - persons present	
- length	nationals: permanent residence status; foreigners: 3 months
- intended/actual/permit/other	nationals: not applicable; foreigners: permit
Duration of stay - residents abroad	
- length	nationals: <= 3months; foreigners: <= permit duration
- intended/actual/valid permit/other	nationals: intended; foreigners: permit
Available characteristics:	
By sex and age	+
By citizenship, sex and age	+
By country of birth, sex and age	+

Supplementary data sources

Selected data on international migration flows are available at the NSI website at http://www.stat.si/pxweb/Database/Demographics/05_population/04_05156_migrations/01_05563_international_migration/01_05563_international_migration.asp. The data on population by sex, age and citizenship can be found in *Population of Slovenia* reports, the most recent is 2006 edition, available at <http://www.stat.si/doc/pub/05-RR-007-0801.pdf> (the other can be downloaded from url: <http://www.stat.si/pxweb/Database/Demographics/Demographics.asp>). Selected data on foreign population and on nationals may be found at: <http://bsp1h.gov.si/D2300.kom/komstart.html>.

Data availability at Eurostat - remarks

Census data by citizenship, sex and age: data were not published if there were very few counts in a given category.

Data availability at Eurostat**Availability of data in the Joint Migration Questionnaire, 2001-2007⁴²**

	2001	2002	2003	2004	2005	2006	2007
Immigration							
Total immigration	+	+	+	+	+	+	+
Total immigration by sex and age	+	+	+	+	+	+	+
Immigration by country of previous residence, sex and age	nat,-age	nat,-age	nat,-age	nat	nat	nat	nat
Immigration by citizenship, sex and age	+	+	+	+	+	+	+
Emigration							
Total emigration	+	+	+	+	+	+	+
Total emigration by sex and age	+	+	+	+	+	+	+
Emigration by country of next residence, sex and age	nat,-age	nat,-age	nat,-age	nat	nat	nat	nat
Emigration by citizenship, sex and age	±age	±age	±age	±age	±age	±age	±age
Acquisition and loss of citizenship							
Acquisition of citizenship by previous citizenship	+	+	+	+	+	+	+
Loss of citizenship	+	+	+	+	+	+	+
Population stocks							
Total population	2002	2003	2004	2005	2006	2007	2008
Total population by sex and age	+	+	+	+	+	+	+
Population by citizenship, sex and age	+	+	+	+	+	+	+
Population by country of birth, sex and age	-age	-age	-age	+	+	+	+

+ data were provided to Eurostat; - data were not provided to Eurostat; **-age** no disaggregation by age; **-sex** no disaggregation by sex; **±age** disaggregation by age provided for a few citizenship (or origin/destination) categories; **±ctz** data provided for a few citizenship categories; **±dest** data provided for a few destination categories; **±origin** data provided for a few origin categories; **aggreg** data available for citizenship (or origin/destination) aggregates only; **broad age** data disaggregated by broad age groups; **delay** data were provided with one year delay; **for** data provided for foreigners only; **large Unk** large proportion of unknown origin/destination; **na** data not available; **nat** data provided for nationals only; **non-EEA** data provided for non-EEA citizens only; **p** provisional data.

Availability of Census data on population by citizenship, sex and age and by country of birth, sex and age in the Eurostat database

Population by sex	+
Population by sex and age	+
Population by citizenship, sex and age	± (see remarks)
Population by country of birth, sex and age	+

⁴² The age dimension has been requested in the tables on flows by country of previous/next residence and in the table on population by country of birth since the Joint Migration Questionnaire 2005 (flow data for 2004).

Spain

Annual statistics on international migration flows

Source	population register
Reference period	calendar year
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included
Foreign students	included
Undocumented migrants	included
Foreign diplomats etc	not included?
National diplomats etc	not included?
Measurement of events or persons?	events
Date of migration	date of registration/deregistration
Definition:	
Residence criterion:	usual?
Duration of stay - immigration	
- length	no time limit
- intended/actual/permit/other	not applicable
Duration of stay - emigration	
- length	no time limit
- intended/actual/permit/other	not applicable
Available characteristics:	
By sex and age	+
By origin/destination, sex and age	+
By citizenship, sex and age	+
By country of birth, sex and age	+

Census statistics on population stocks

Census type	traditional combined with the use of registers
Reference date	1.11.2001
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included
Foreign students	included
Undocumented migrants	included
Foreign diplomats etc	partially included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	usual
Duration of stay - persons present	
- length	no time limit
- intended/actual/permit/other	not applicable
Duration of stay - residents abroad	
- length	no time limit
- intended/actual/valid permit/other	not applicable
Available characteristics:	
By citizenship, sex and age	+
By country of birth, sex and age	+

Data availability at Eurostat**Availability of data in the Joint Migration Questionnaire, 2001-2007⁴³**

	2001	2002	2003	2004	2005	2006	2007
Immigration							
Total immigration	+	+	+	+	+	+	+
Total immigration by sex and age	+	+	+	+	+	+	+
Immigration by country of previous residence, sex and age	-age	-age	large Unk, -age	large Unk	large Unk	large Unk	large Unk
Immigration by citizenship, sex and age	+	+	+	+	+	+	+
Emigration							
Total emigration	-	+	+	+	+	+	+
Total emigration by sex and age	-	+	+	+	+	+	+
Emigration by country of next residence, sex and age	-	-age	large Unk, -age	large Unk	large Unk	large Unk	large Unk
Emigration by citizenship, sex and age	-	+	+	+	+	+	+
Acquisition and loss of citizenship							
Acquisition of citizenship by previous citizenship	+	+	+	+	+	+	+
Loss of citizenship	-	-	-	-	-	-	-
Population stocks							
Total population	2002	2003	2004	2005	2006	2007	2008
Total population	+	+	p	+	+	+	+
Total population by sex and age	+	+	p	+	+	+	+
Population by citizenship, sex and age	+	-	p	+	+	+	+
Population by country of birth, sex and age	-age	-	p, -age	+	+	+	+

+ data were provided to Eurostat; - data were not provided to Eurostat; **-age** no disaggregation by age; **-sex** no disaggregation by sex; **±age** disaggregation by age provided for a few citizenship (or origin/destination) categories; **±ctz** data provided for a few citizenship categories; **±dest** data provided for a few destination categories; **±origin** data provided for a few origin categories; **aggreg** data available for citizenship (or origin/destination) aggregates only; **broad age** data disaggregated by broad age groups; **delay** data were provided with one year delay; **for** data provided for foreigners only; **large Unk** large proportion of unknown origin/destination; **na** data not available; **nat** data provided for nationals only; **non-EEA** data provided for non-EEA citizens only; **p** provisional data.

Availability of Census data on population by citizenship, sex and age and by country of birth, sex and age in the Eurostat database

Population by sex	+
Population by sex and age	+
Population by citizenship, sex and age	+
Population by country of birth, sex and age	+

⁴³ The age dimension has been requested in the tables on flows by country of previous/next residence and in the table on population by country of birth since the Joint Migration Questionnaire 2005 (flow data for 2004).

Sweden

Annual statistics on international migration flows

Source	population register
Reference period	calendar year
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included after receiving a residence permit
Foreign students	included on the same principles as other foreigners?
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc	not included
Measurement of events or persons?	events
Date of migration	date of arrival or registration; date of departure (as notified)
Definition:	
Residence criterion:	legal
Duration of stay - immigration	
- length	1 year
- intended/actual/permit/other	intended
Duration of stay - emigration	
- length	1 year
- intended/actual/permit/other	intended
Available characteristics:	
By sex and age	+
By origin/destination, sex and age	+
By citizenship, sex and age	+
By country of birth, sex and age	+

Census statistics on population stocks

Census type	Population register data
Reference date	1.01.2001
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included if had received a residence permit
Foreign students	included on the same principles as other foreigners?
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal?
Duration of stay - persons present	
- length	nationals – no time limit?, foreigners: >=12 months
- intended/actual/permit/other	nationals: not applicable?, foreigners: ?
Duration of stay - residents abroad	
- length	<= 12 months
- intended/actual/valid permit/other	intended?
Available characteristics:	
By citizenship, sex and age	+
By country of birth, sex and age	+

Remarks

The last census was conducted in 1990 (reference date 1.11.1990). It was a register-based census combined with the use of a questionnaire. Information above refer to the data in the "Census 2001 round" part of the Eurostat database.

Annual statistics on population stocks

Source	population register
Reference date	1 January
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included if had received a residence permit
Foreign students	included on the same principles as other foreigners
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal
Duration of stay - persons present	
- length	1 year
- intended/actual/permit/other	intended?
Duration of stay - residents abroad	
- length	1 year
- intended/actual/valid permit/other	intended
Available characteristics:	
By sex and age	+
By citizenship, sex and age	+
By country of birth, sex and age	+

Supplementary data sources

A comprehensive collection of Swedish NSI data on population stocks and international migration flows is available at: <http://www.ssd.scb.se/databaser/makro/produkt.asp?produktid=BE0101&lang=2>.

Some data on migration are available at the OECD databases (described in Section 4.1).

Data availability at Eurostat**Availability of data in the Joint Migration Questionnaire, 2001-2007⁴⁴**

	2001	2002	2003	2004	2005	2006	2007
Immigration							
Total immigration	+	+	+	+	+	+	+
Total immigration by sex and age	+	+	+	+	+	+	+
Immigration by country of previous residence, sex and age	-age	-age	-age	+	+	+	+
Immigration by citizenship, sex and age	+	+	+	+	+	+	+
Emigration							
Total emigration	+	+	+	+	+	+	+
Total emigration by sex and age	+	+	+	+	+	+	+
Emigration by country of next residence, sex and age	-age	-age	-age	+	+	Large Unk	Large Unk
Emigration by citizenship, sex and age	+	+	+	+	+	+	+
Acquisition and loss of citizenship							
Acquisition of citizenship by previous citizenship	+	+	+	+	+	+	+
Loss of citizenship	+	+	+	+	+	+	+
Population stocks							
Total population	2002	2003	2004	2005	2006	2007	2008
Total population	+	+	+	+	+	+	+
Total population by sex and age	+	+	+	+	+	+	+
Population by citizenship, sex and age	+	+	+	+	+	+	+
Population by country of birth, sex and age	-age	-age	-age	+	+	+	+

+ data were provided to Eurostat; - data were not provided to Eurostat; **-age** no disaggregation by age; **-sex** no disaggregation by sex; **±age** disaggregation by age provided for a few citizenship (or origin/destination) categories; **±ctz** data provided for a few citizenship categories; **±dest** data provided for a few destination categories; **±origin** data provided for a few origin categories; **aggreg** data available for citizenship (or origin/destination) aggregates only; **broad age** data disaggregated by broad age groups; **delay** data were provided with one year delay; **for** data provided for foreigners only; **large Unk** large proportion of unknown origin/destination; **na** data not available; **nat** data provided for nationals only; **non-EEA** data provided for non-EEA citizens only; **p** provisional data.

Availability of Census data on population by citizenship, sex and age and by country of birth, sex and age in the Eurostat database

Population by sex	+
Population by sex and age	+
Population by citizenship, sex and age	+
Population by country of birth, sex and age	+

⁴⁴ The age dimension has been requested in the tables on flows by country of previous/next residence and in the table on population by country of birth since the Joint Migration Questionnaire 2005 (flow data for 2004).

United Kingdom

Annual statistics on international migration flows

Source	passenger survey (IPS), Irish data on flows to/from Ireland, data on asylum seekers from the Home Office
Reference period	calendar year?
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	not included in the IPS; included in the TIM statistics after staying legally for one year
Foreign students	included
Undocumented migrants	included
Foreign diplomats etc	not included
National diplomats etc	not included
Measurement of events or persons?	events
Date of migration	date of survey for IPS data; year? of migration for other data
Definition:	
Residence criterion:	usual?
Duration of stay - immigration	
- length	1 year
- intended/actual/permit/other	intended
Duration of stay - emigration	
- length	1 year
- intended/actual/permit/other	intended
Available characteristics:	
By sex and age	+
By origin/destination, sex and age	±
By citizenship, sex and age	±
By country of birth, sex and age	±

Remarks

Sample size of the passenger survey does not allow to produce reliable estimates for all cross-tabulations. Only the data referring to large migrant groups are reliable.

Census statistics on population stocks

Census type	traditional
Reference date	29.04.2001
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included
Foreign students	included on the same principles as other foreigners?
Undocumented migrants	included
Foreign diplomats etc	included
National diplomats etc in missions abroad	not included
Definition:	
Residence criterion:	usual
Duration of stay - persons present	
- length	nationals – no time limit, foreigners: >=6 months (non-EEA with temporary permit: 12 months)?;
- intended/actual/permit/other	nationals: not applicable?, foreigners: ?
Duration of stay - residents abroad	
- length	<= 6 months?
- intended/actual/valid permit/other	intended?
Available characteristics:	
By citizenship, sex and age	+
By country of birth, sex and age	+

Remarks

"In the census, individuals are left provide their own interpretation of the usual residence" ("Population Estimates. A short guide to population estimates", ONS 2004).

Annual statistics on population stocks

Source	total: estimations using the component method; population stock figures provided in the Joint Migration Questionnaire: Labour Force Survey
Reference date	component method: 30 June; LFS: ?
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	component method: included; LFS: partially included?
Foreign students	component method: included; LFS: partially included
Undocumented migrants	included
Foreign diplomats etc	component method: included; LFS: ?
National diplomats etc in missions abroad	component method: not included; LFS: ?
Definition:	
Residence criterion:	usual
Duration of stay - persons present	
- length	component method: not defined for 1.01.2002, then 1 year?; LFS: ?
- intended/actual/permit/other	component method: intended; LFS: ?
Duration of stay - residents abroad	
- length	component method: not defined; LFS: ?
- intended/actual/valid permit/other	component method: not applicable; LFS: ?
Available characteristics:	
By sex and age	+
By citizenship, sex and age	±
By country of birth, sex and age	±

Remarks

Data used to estimate population using the component method come from various sources, with different definitions of usual residence. The only source of annual data on the number of foreigners and composition by citizenship and country of birth is the Labour Force Survey. Population numbers for some countries of citizenship or countries of birth could not be estimated. Data for 2003 and 2004 provided to Eurostat are based on an average of four consecutive quarters of LFS data. The estimates are rounded to the nearest thousand and only published if greater than 6,000. The LFS data used to produce 2003 tables has been adjusted to reflect the 2001 Census results but has not been interim re-weighted to reflect the revisions made to the England and Wales mid-year population estimates in Autumn 2003. 2004 estimates have been re-weighted. Figures do not sum exactly due to rounding.

When using the LFS data it should be kept in mind that there was a move from seasonal (Spring, Summer, Autumn, Winter) quarters to calendar quarters in 2006. The ONS has produced only limited series of historical LFS datasets on calendar-quarterly basis.

Supplementary data sources

Annual estimates of population are available at

<http://www.statistics.gov.uk/statbase/explorer.asp?CTG=3&SL=&E=4819#4819>

Information about methodology of producing annual estimates of population are available at:

<http://www.statistics.gov.uk/about/data/methodology/specific/population/PEMethodology/>.

As far as migration statistics are concerned, a program of Improving migration and population statistics (IMPS) has been launched. Details are available at

<http://www.statistics.gov.uk/about/data/methodology/specific/population/future/imps/updates/default.asp>.

Some data on migration are available at the OECD databases (described in Section 4.1).

Data availability at Eurostat – remarks

In *pop* domain of the Eurostat database the breakdown by age in Population on 1 January in 2008 was unavailable at the time of writing this report.

In JMQ 2008 the revised final data for years 2004-2007 were sent.

Data availability at Eurostat

Availability of data in the Joint Migration Questionnaire, 2001-2007⁴⁵

	2001	2002	2003	2004	2005	2006	2007
Immigration							
Total immigration	+	+	+	+	+	+	+
Total immigration by sex and age	+	+	+	+	+	+	+
Immigration by country of previous residence, sex and age	aggreg, ±origin, -age	aggreg, ±origin, -age	aggreg, ±origin, -age	aggreg, ±origin, ±age	aggreg, ±origin, ±age	aggreg, ±origin, ±age	aggreg, ±origin, ±age
Immigration by citizenship, sex and age	aggreg, ±ctz, ±age, ±sex	aggreg, ±ctz, ±age	aggreg, ±ctz, ±age	aggreg, ±ctz, ±age	aggreg, ±ctz, ±age	aggreg, ±ctz, ±age	aggreg, ±ctz, ±age
Emigration							
Total emigration	+	+	+	+	+	+	+
Total emigration by sex and age	+	+	+	+	+	+	+
Emigration by country of next residence, sex and age	aggreg, ±dest, ±age	aggreg, ±dest, ±age	aggreg, ±dest, ±age	aggreg, ±dest, ±age	aggreg, ±dest, ±age	aggreg, ±dest, ±age	aggreg, ±dest, ±age
Emigration by citizenship, sex and age	aggreg, ±ctz, ±age, ±sex	aggreg, ±ctz, ±age	aggreg, ±ctz, ±age	aggreg, ±ctz, ±age	aggreg, ±ctz, ±age	aggreg, ±ctz, ±age	aggreg, ±ctz, ±age
Acquisition and loss of citizenship							
Acquisition of citizenship by previous citizenship	+	-	+	p	p	p	p
Loss of citizenship	-	-	-	-	-	-	-
Population stocks							
Total population	2002	2003	2004	2005	2006	2007	2008
Total population	-	dref	dref	dref	dref	dref	-
Total population by sex and age	-	dref	dref	dref	dref	dref	-
Population by citizenship, sex and age	-	±ctz, dref	dref,	dref	dref	dref	-
Population by country of birth, sex and age	-	±cob, dref, -age	±cob, dref	±cob, dref	±cob, dref	±cob, dref	-

+ data were provided to Eurostat; - data were not provided to Eurostat; **-age** no disaggregation by age; **-sex** no disaggregation by sex; **±age** disaggregation by age provided for a few citizenship (or origin/destination) categories; **±cob** data provided for a few country of birth categories; **±ctz** data provided for a few citizenship categories; **±dest** data provided for a few destination categories; **±origin** data provided for a few origin categories; **±sex** disaggregation by sex provided for a few citizenship categories only; **a70** age provided only until 70 years, with the open-ended group 70+; **aggreg** data available for citizenship (or origin/destination) aggregates only; **broad age** data disaggregated by broad age groups; **delay** data were provided with one year delay; **dref** reference date different than 1 January; **for** data provided for foreigners only; **large Unk** large proportion of unknown origin/destination; **na** data not available; **nat** data provided for nationals only; **non-EEA** data provided for non-EEA citizens only; **p** provisional data.

Availability of Census data on population by citizenship, sex and age and by country of birth, sex and age in the Eurostat database

Population by sex	+
Population by sex and age	+
Population by citizenship, sex and age	-
Population by country of birth, sex and age	+

⁴⁵ The age dimension has been requested in the tables on flows by country of previous/next residence and in the table on population by country of birth since the Joint Migration Questionnaire 2005 (flow data for 2004).

Iceland

Annual statistics on international migration flows

Source	National Registry
Reference period	calendar year
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included after receiving a residence permit?
Foreign students	included
Undocumented migrants	not included
Foreign diplomats etc	not included?
National diplomats etc	not included?
Measurement of events or persons?	events
Date of migration	date of registration/deregistration?
Definition:	
Residence criterion:	legal
Duration of stay - immigration	
- length	6 months?
- intended/actual/permit/other	intended
Duration of stay - emigration	
- length	?
- intended/actual/permit/other	?
Available characteristics:	
By sex and age	+
By origin/destination, sex and age	+?
By citizenship, sex and age	+
By country of birth, sex and age	+?

Remarks:

NSI's webpage: data on immigration, emigration disaggregated into Icelandic citizens and foreigners.

"At the founding of the Register of Migration Data at the end of March 1986 the definition of migration was changed. Instead of being based on the whole year it is based on one month, which means that if an individual moves twice during the same month he is only counted as having moved once. It must be stressed that figures on migration after 1986 are not comparable with older figures." (http://www.statice.is/pages/1821/?src=../../vorulyingar_en/v_transporter.asp?filename=V00131.htm).

Census statistics on population stocks

Census type	Population register data
Reference date	31.12.2000
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	not included?
Foreign students	included
Undocumented migrants	not included
Foreign diplomats etc	not included?
National diplomats etc in missions abroad	included?
Definition:	
Residence criterion:	legal
Duration of stay - persons present	
- length	nationals – no time limit, foreigners: >= 6 months?
- intended/actual/permit/other	nationals: not applicable; foreigners: ?
Duration of stay - residents abroad	
- length	?
- intended/actual/valid permit/other	intended?
Available characteristics:	
By citizenship, sex and age	+
By country of birth, sex and age	+

Remarks

Censuses are not conducted since the National Registry was established in the 1950s. Information above refer to the data in the "Census 2001 round" part of the Eurostat database.

Annual statistics on population stocks

Source	population register
Reference date	1 January
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included if had received a residence permit
Foreign students	included
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal
Duration of stay - persons present	
- length	?
- intended/actual/permit/other	?
Duration of stay - residents abroad	
- length	?
- intended/actual/valid permit/other	?
Available characteristics:	
By sex and age	+
By citizenship, sex and age	+
By country of birth, sex and age	+

Supplementary data sources

NSI webpages:

Population stock data are available at <http://www.statice.is/?PageID=1170>.

Migration flow data are available at: <http://www.statice.is/?PageID=1171>.

Data on population and foreigners, acquisition of citizenship (also on population by sex, age and country of citizenship) are available at:

<http://www.statice.is/Statistics/Population/Citizenship-and-country-of-birth>.

Data availability at Eurostat**Availability of data in the Joint Migration Questionnaire, 2001-2007⁴⁶**

	2001	2002	2003	2004	2005	2006	2007
Immigration							
Total immigration	+	+	-	-	-	-	+
Total immigration by sex and age	+	+	-	-	-	-	+
Immigration by country of previous residence, sex and age	-age	-age	-	-	-	-	+
Immigration by citizenship, sex and age	+	+	-	-	-	-	+
Emigration							
Total emigration	+	+	-	-	-	-	+
Total emigration by sex and age	+	+	-	-	-	-	+
Emigration by country of next residence, sex and age	-age	-age	-	-	-	-	+
Emigration by citizenship, sex and age	+	+	-	-	-	-	-
Acquisition and loss of citizenship							
Acquisition of citizenship by previous citizenship	p	p	-	-	-	-	+
Loss of citizenship	p	p	-	-	-	-	-
Population stocks							
Total population	2002	2003	2004	2005	2006	2007	2008
Total population	+	+	-	-	-	-	-
Total population by sex and age	+	+	-	-	-	-	-
Population by citizenship, sex and age	+	+	-	-	-	-	-
Population by country of birth, sex and age	-age	-age	-	-	-	-	-

+ data were provided to Eurostat; - data were not provided to Eurostat; **-age** no disaggregation by age; **-sex** no disaggregation by sex; **±age** disaggregation by age provided for a few citizenship (or origin/destination) categories; **±ctz** data provided for a few citizenship categories; **±dest** data provided for a few destination categories; **±origin** data provided for a few origin categories; **aggreg** data available for citizenship (or origin/destination) aggregates only; **broad age** data disaggregated by broad age groups; **delay** data were provided with one year delay; **for** data provided for foreigners only; **large Unk** large proportion of unknown origin/destination; **na** data not available; **nat** data provided for nationals only; **non-EEA** data provided for non-EEA citizens only; **p** provisional data.

Availability of Census data on population by citizenship, sex and age and by country of birth, sex and age in the Eurostat database

Population by sex	+
Population by sex and age	+
Population by citizenship, sex and age	+
Population by country of birth, sex and age	+

⁴⁶ The age dimension has been requested in the tables on flows by country of previous/next residence and in the table on population by country of birth since the Joint Migration Questionnaire 2005 (flow data for 2004).

Liechtenstein

Annual statistics on international migration flows

Source	population register?
Reference period	calendar year
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	?
Foreign students	?
Undocumented migrants	?
Foreign diplomats etc	?
National diplomats etc	?
Measurement of events or persons?	events
Date of migration	date of registration/deregistration?
Definition:	
Residence criterion:	legal?
Duration of stay - immigration	
- length	3 months?
- intended/actual/permit/other	stay permit
Duration of stay - emigration	
- length	?
- intended/actual/permit/other	?
Available characteristics:	
By sex and age	?
By origin/destination, sex and age	?
By citizenship, sex and age	?
By country of birth, sex and age	?

Remarks:

The law regulating the stay and residence permits is available at <http://www.llv.li/pdf-llv-apa-fl-anag-20061231.pdf>.

Census statistics on population stocks

Census type	traditional combined with the use of registers
Reference date	5.12.2000
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	?
Foreign students	included on the same principles as other foreigners?
Undocumented migrants	?
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal?
Duration of stay - persons present	
- length	nationals – no time limit?, foreigners: >=12 months?
- intended/actual/permit/other	nationals: not applicable?, foreigners: ?
Duration of stay - residents abroad	
- length	<= 12 months
- intended/actual/valid permit/other	intended?
Available characteristics:	
By citizenship, sex and age	+
By country of birth, sex and age	+

Annual statistics on population stocks

Source	population register
Reference date	1 January
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	?
Foreign students	?
Undocumented migrants	?
Foreign diplomats etc	?
National diplomats etc in missions abroad	?
Definition:	
Residence criterion:	legal
Duration of stay - persons present	
- length	?
- intended/actual/permit/other	?
Duration of stay - residents abroad	
- length	?
- intended/actual/valid permit/other	?
Available characteristics:	
By sex and age	+
By citizenship, sex and age	+
By country of birth, sex and age	-

Remarks

The number of nationals, foreigners and the number of foreigners for main countries of citizenship have been published on the NSI website (data for 31 December 2000, 2003, 2004, 2005).

Country of birth variable is stored in the population register, but it is not transferred to the database used to produce statistics.

Supplementary data sources

Selected data are available at the website of the NSI.

Population statistics: http://www.llv.li/pdf-llv-avw-statistik-bevoelkerung_31.12.2005,

Recent data (2007):

http://www.llv.li/amtstellen/llv-avw-statistik_alt/llv-avw-statistik-bevoelkerung/llv-avw-statistik-bevoelkerung-bevoelkerungsstatistik_per_31_dezember.htm.

Birth, deaths etc: http://www.llv.li/pdf-llv-avw-statistik-zivilstandstatistik_2004..

Acquisition of citizenship: <http://www.llv.li/pdf-llv-avw-statistik-einbuengerungen2005-2>,

http://www.llv.li/amtstellen/llv-avw-statistik_alt/llv-avw-statistik-bevoelkerung/llv-avw-statistik-bevoelkerung-einbuengerungsstatistik.htm

Data on population stocks include annual information on the register-based population of Liechtenstein distributed by citizenship and sex. There is also a table presenting data on the breakdown of nationals and foreigners by age (in single years) and sex.

Data availability at Eurostat**Availability of data in the Joint Migration Questionnaire, 2001-2007⁴⁷**

	2001	2002	2003	2004	2005	2006	2007
Immigration							
Total immigration	-	-	-	-	-	-	-
Total immigration by sex and age	-	-	-	-	-	-	-
Immigration by country of previous residence, sex and age	-	-	-	-	-	-	-
Immigration by citizenship, sex and age	-	-	-	-	-	-	-
Emigration							
Total emigration	-	-	-	-	-	-	-
Total emigration by sex and age	-	-	-	-	-	-	-
Emigration by country of next residence, sex and age	-	-	-	-	-	-	-
Emigration by citizenship, sex and age	-	-	-	-	-	-	-
Acquisition and loss of citizenship							
Acquisition of citizenship by previous citizenship	-	-	-	-	-	-	-
Loss of citizenship	-	-	-	-	-	-	-
Population stocks							
Total population	2002	2003	2004	2005	2006	2007	2008
Total population by sex and age	-	-	-	-	-	-	-
Population by citizenship, sex and age	-	-	-	-	-	-	-
Population by country of birth, sex and age	-	-	-	-	-	-	-

+ data were provided to Eurostat; - data were not provided to Eurostat; **-age** no disaggregation by age; **-sex** no disaggregation by sex; **±age** disaggregation by age provided for a few citizenship (or origin/destination) categories; **±ctz** data provided for a few citizenship categories; **±dest** data provided for a few destination categories; **±origin** data provided for a few origin categories; **aggreg** data available for citizenship (or origin/destination) aggregates only; **broad age** data disaggregated by broad age groups; **delay** data were provided with one year delay; **for** data provided for foreigners only; **large Unk** large proportion of unknown origin/destination; **na** data not available; **nat** data provided for nationals only; **non-EEA** data provided for non-EEA citizens only; **p** provisional data.

Availability of Census data on population by citizenship, sex and age and by country of birth, sex and age in the Eurostat database

Population by sex	+
Population by sex and age	+
Population by citizenship, sex and age	+
Population by country of birth, sex and age	+

⁴⁷ The age dimension has been requested in the tables on flows by country of previous/next residence and in the table on population by country of birth since the Joint Migration Questionnaire 2005 (flow data for 2004).

Norway

Annual statistics on international migration flows

Source	population register
Reference period	calendar year
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included after receiving a residence permit
Foreign students	included
Undocumented migrants	not included
Foreign diplomats etc	not included?
National diplomats etc	not included?
Measurement of events or persons?	events
Date of migration	date of registration/deregistration?
Definition:	
Residence criterion:	legal
Duration of stay - immigration	
- length	6 months
- intended/actual/permit/other	intended
Duration of stay - emigration	
- length	6 months?
- intended/actual/permit/other	intended?
Available characteristics:	
By sex and age	+
By origin/destination, sex and age	immigration +; emigration ±
By citizenship, sex and age	+
By country of birth, sex and age	?

Census statistics on population stocks

Census type	register-based combined with a questionnaire
Reference date	3.11.2001
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	not included?
Foreign students	not included?
Undocumented migrants	not included
Foreign diplomats etc	not included?
National diplomats etc in missions abroad	included?
Definition:	
Residence criterion:	legal
Duration of stay - persons present	
- length	nationals – no time limit?, foreigners: >=12 months
- intended/actual/permit/other	nationals: not applicable?, foreigners: ?
Duration of stay - residents abroad	
- length	<= 12 months
- intended/actual/valid permit/other	intended?
Available characteristics:	
By citizenship, sex and age	+
By country of birth, sex and age	+

Annual statistics on population stocks

Source	population register
Reference date	1 January
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included if had received a residence permit
Foreign students	included on the same principles as other foreigners
Undocumented migrants	not included
Foreign diplomats etc	not included
National diplomats etc in missions abroad	included
Definition:	
Residence criterion:	legal
Duration of stay - persons present	
- length	nationals: ?; foreigners: 6 months
- intended/actual/permit/other	nationals: ?, intended
Duration of stay - residents abroad	
- length	6 months
- intended/actual/valid permit/other	intended
Available characteristics:	
By sex and age	+
By citizenship, sex and age	+
By country of birth, sex and age	+

Supplementary data sources

Metadata on population statistics: http://www.ssb.no/vis/folkemengde_en/about.html.

Data on foreign citizens by sex, age and citizenship on 1 January 2009 are available at http://www.ssb.no/english/subjects/02/01/10/folkemengde_en/tab-2009-03-12-32-en.html.

Data on foreign citizens by sex and citizenship are available at http://www.ssb.no/english/subjects/02/01/10/folkemengde_en/tab-2009-03-12-33-en.html.

Some data on migration are available at the OECD databases (described in Section 4.1).

Data availability at Eurostat**Availability of data in the Joint Migration Questionnaire, 2001-2007⁴⁸**

	2001	2002	2003	2004	2005	2006	2007
Immigration							
Total immigration	+	+	+	+	+	+	+
Total immigration by sex and age	+	+	+	+	+	+	+
Immigration by country of previous residence, sex and age	-age	-age	-age	+	+	+	+
Immigration by citizenship, sex and age	+	+	+	+	+	+	+
Emigration							
Total emigration	+	+	+	+	+	+	+
Total emigration by sex and age	+	+	+	+	+	+	+
Emigration by country of next residence, sex and age	-age	-age	large Unk,-age	large Unk	large Unk	large Unk	large Unk
Emigration by citizenship, sex and age	+	+	+	+	+	+	+
Acquisition and loss of citizenship							
Acquisition of citizenship by previous citizenship	+	+	+	+	+	+	+
Loss of citizenship	-	-	-	na	na	na	-
Population stocks							
Total population	2002	2003	2004	2005	2006	2007	2008
Total population	+	+	+	+	+	+	+
Total population by sex and age	+	+	+	+	+	+	+
Population by citizenship, sex and age	+	+	+	+	+	+	+
Population by country of birth, sex and age	-age	-age	-age	+	+	+	+

+ data were provided to Eurostat; - data were not provided to Eurostat; **-age** no disaggregation by age; **-sex** no disaggregation by sex; **±age** disaggregation by age provided for a few citizenship (or origin/destination) categories; **±ctz** data provided for a few citizenship categories; **±dest** data provided for a few destination categories; **±origin** data provided for a few origin categories; **aggreg** data available for citizenship (or origin/destination) aggregates only; **broad age** data disaggregated by broad age groups; **delay** data were provided with one year delay; **for** data provided for foreigners only; **large Unk** large proportion of unknown origin/destination; **na** data not available; **nat** data provided for nationals only; **non-EEA** data provided for non-EEA citizens only; **p** provisional data.

Availability of Census data on population by citizenship, sex and age and by country of birth, sex and age in the Eurostat database

Population by sex	+
Population by sex and age	+
Population by citizenship, sex and age	+
Population by country of birth, sex and age	+

⁴⁸ The age dimension has been requested in the tables on flows by country of previous/next residence and in the table on population by country of birth since the Joint Migration Questionnaire 2005 (flow data for 2004).

Switzerland

Annual statistics on international migration flows

Source	ESPOP (Statistique de l'état annuel de la population), PETRA (Statistique de la population résidante de nationalité étrangère)
Reference period	calendar year
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	not included
Foreign students	not included?
Undocumented migrants	not included
Foreign diplomats etc	included
National diplomats etc	not included?
Measurement of events or persons?	events
Date of migration	date of registration/deregistration?
Definition:	
Residence criterion:	legal
Duration of stay - immigration	
- length	nationals: ?; foreigners: 1 year
- intended/actual/permit/other	nationals: ?; foreigners: permit
Duration of stay - emigration	
- length	1 year?
- intended/actual/permit/other	intended?
Available characteristics:	
By sex and age	+
By origin/destination, sex and age	-
By citizenship, sex and age	+
By country of birth, sex and age	?

Census statistics on population stocks

Census type	traditional combined with the use of registers
Reference date	5.12.2000
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included
Foreign students	included
Undocumented migrants	not included
Foreign diplomats etc	included
National diplomats etc in missions abroad	included?
Definition:	
Residence criterion:	usual ("domicile économique")
Duration of stay - persons present	
- length	no time limit?
- intended/actual/permit/other	not applicable?
Duration of stay - residents abroad	
- length	less than one year?
- intended/actual/valid permit/other	intended?
Available characteristics:	
By citizenship, sex and age	+
By country of birth, sex and age	+

Remarks

Census population figures refer to the category of "resident population". "The resident population includes all persons who officially reside in Switzerland over a given period of time regardless of their citizenship, duration of residence and type of permit. Persons who do not officially reside in Switzerland (e.g. cross-border commuters working in Switzerland, tourists, visitors or business travellers) do not fall into this category. Specifically, the resident population includes the following types of foreigners: asylum applicants, diplomats and international civil servants and their family members." (<http://www.bfs.admin.ch/bfs/portal/en/index/themen/01/11/def.html>)

Annual statistics on population stocks

Source	calculations using the component method
Reference date	1 January
Coverage	nationals and foreigners
Special groups:	
Asylum seekers	included if had received a residence permit
Foreign students	included based on the same principles as other foreigners
Undocumented migrants	not included
Foreign diplomats etc	Included
National diplomats etc in missions abroad	not included?
Definition:	
Residence criterion:	legal
Duration of stay - persons present	
- length	nationals: ?; foreigners: undefined for 1.01.2001, then 1 year?
- intended/actual/permit/other	nationals: ?; foreigners: permit
Duration of stay - residents abroad	
- length	?
- intended/actual/valid permit/other	?
Available characteristics:	
By sex and age	+
By citizenship, sex and age	+
By country of birth, sex and age	-

Remarks

Annual population statistics covers persons who have permanent residence status. "The permanent resident population includes all persons who officially reside in Switzerland for the entire year. Swiss citizens, foreign citizens holding a permanent residence permit or a residence permit valid for at least one year, international civil servants, diplomats and their family members all fall into this category. Specifically, the permanent resident population includes the following types of foreigners: holders of a permanent residence permit, holders of a residence permit (recognised refugees included), holders of a short-term residence permit valid for at least 12 months, diplomats and international civil servants and their family members." (<http://www.bfs.admin.ch/bfs/portal/en/index/themen/01/11/def.html>)

Supplementary data sources

Good source of data, including population stocks and migration flows is the NSI website:

<http://www.bfs.admin.ch/bfs/portal/fr/index/themen/01/22/lexi.html>

In particular, data on foreign population by citizenship are available at:

<http://www.bfs.admin.ch/bfs/portal/fr/index/themen/01/22/lexi.topic.1.html>, in the *Foreign population* sub-topic (in the French version only)

The data can be accessed via the paid database (there is limited access free of charge):

http://www.bfs.admin.ch/bfs/portal/de/index/infotehk/onlinedb/superweb/presentation_generale.html.

The data on population and migration flows by citizenship is available in the report *Ausländerinnen und Ausländer in der Schweiz - Bericht 2008*:

<http://www.bfs.admin.ch/bfs/portal/de/index/news/publikationen.Document.114724.pdf>

Some data on migration are available at the OECD databases (described in Section 4.1).

Data availability at Eurostat**Availability of data in the Joint Migration Questionnaire, 2001-2007⁴⁹**

	2001	2002	2003	2004	2005	2006	2007
Immigration							
Total immigration	+	+	+	+	+	+	+
Total immigration by sex and age	+	+	+	+	+	+	+
Immigration by country of previous residence, sex and age	na	na	na	-	-	na	na
Immigration by citizenship, sex and age	+	+	+	+	+	+	+
Emigration							
Total emigration	+	+	+	+	+	+	+
Total emigration by sex and age	+	+	+	+	+	+	+
Emigration by country of next residence, sex and age	na	na	na	-	-	-	-
Emigration by citizenship, sex and age	+	+	+	+	+	+	+
Acquisition and loss of citizenship							
Acquisition of citizenship by previous citizenship	+	+	+	+	+	+	+
Loss of citizenship	-	-	na	-	-	-	-
Population stocks							
Total population	2002	2003	2004	2005	2006	2007	2008
Total population	+	+	+	+	+	+	+
Total population by sex and age	+	+	+	+	+	+	+
Population by citizenship, sex and age	+	+	+	+	+	+	+
Population by country of birth, sex and age	-	-	-	-	-	-	-

+ data were provided to Eurostat; - data were not provided to Eurostat; **-age** no disaggregation by age; **-sex** no disaggregation by sex; **±age** disaggregation by age provided for a few citizenship (or origin/destination) categories; **±ctz** data provided for a few citizenship categories; **±dest** data provided for a few destination categories; **±origin** data provided for a few origin categories; **aggreg** data available for citizenship (or origin/destination) aggregates only; **broad age** data disaggregated by broad age groups; **delay** data were provided with one year delay; **for** data provided for foreigners only; **large Unk** large proportion of unknown origin/destination; **na** data not available; **nat** data provided for nationals only; **non-EEA** data provided for non-EEA citizens only; **p** provisional data.

Availability of Census data on population by citizenship, sex and age and by country of birth, sex and age in the Eurostat database

Population by sex	+
Population by sex and age	+
Population by citizenship, sex and age	+
Population by country of birth, sex and age	+

⁴⁹ The age dimension has been requested in the tables on flows by country of previous/next residence and in the table on population by country of birth since the Joint Migration Questionnaire 2005 (flow data for 2004).