



HELLENIC REPUBLIC



HELLENIC STATISTICAL
AUTHORITY

Pireaus, 31 July 2015

PRESS RELEASE

REVISED ESTIMATES OF POPULATION OF GREECE 1991 - 2014

The Hellenic Statistical Authority has completed the recalculation of estimates of migration flows and of the usual resident population of Greece for the period 1991 to 2014. This work was completed in the context of the revision policy of ELSTAT and its commitments as provided in its published list of scheduled revisions for 2015. Following the release of the 2011 Population Census migration flow data and the dissemination of migration flow data from other EU and non-EU countries, this in turn necessitated the revision of both annual migration flows to and from Greece and consequently the population estimates at 1st January of each year.

The new estimates of the population of Greece for the 1st of January of each year from 1991 to 2014 was based on a) the results of the two Censuses of 1991 and 2011, taking into account the results of the Post Enumeration Surveys of these Censuses¹ – it is noted that the results of the 2001 Population Census were not used in the estimations because inter alia their quality had not been assessed using a Post Enumeration Survey, b) the annual Vital Registration data and c) estimations of annual migration flows (immigration and emigration).

¹ The Post Enumeration Survey of a Population Census is a sampling survey that evaluates the results of the Census with regard to potential underestimation or overestimation of the size of the permanent population as well as to the capturing of the characteristics of the population.

According to the above, the population as of 1.1.1991 was revised to 10.272.691 from 10.192.911, as of 1.1.2001 was revised to 10.835.989 from 10.934.985, and as of 1.1.2011 it was left unrevised at 11.123.192 persons.

Estimations of the 1st January for the years from 1991 to 2011 are as follows:

	ESTIMATED						PREVIOUS	
	IMM	EM	NET	LB	D	LB-D	POP 1.1. ESTIMATIONS	
1991	151.978	64.628	87.350	102.620	95.498	7.122	10.272.691	10.192.911
1992	110.334	52.389	57.945	104.081	98.231	5.850	10.367.163	10.319.672
1993	107.462	52.929	54.533	101.799	97.419	4.380	10.430.958	10.420.059
1994	86.959	46.813	40.146	103.763	97.807	5.956	10.489.871	10.510.996
1995	98.989	47.967	51.022	101.495	100.158	1.337	10.535.973	10.595.074
1996	95.585	54.628	40.957	100.718	100.740	-22	10.588.332	10.673.696
1997	113.477	51.794	61.683	102.038	99.738	2.300	10.629.267	10.744.649
1998	116.411	60.119	56.292	100.894	102.668	-1.774	10.693.250	10.808.358
1999	84.695	54.175	30.520	100.643	103.304	-2.661	10.747.768	10.861.402
2000	109.251	46.993	62.258	103.274	105.170	-1.896	10.775.627	10.903.757
2001	98.471	45.909	52.562	102.282	102.559	-277	10.835.989	10.934.985
2002	67.220	39.378	27.842	103.569	103.915	-346	10.888.274	10.968.542
2003	63.141	37.433	25.708	104.420	105.529	-1.109	10.915.770	10.998.903
2004	66.871	38.041	28.830	105.655	104.942	713	10.940.369	11.037.745
2005	70.933	38.583	32.350	107.545	105.091	2.454	10.969.912	11.073.713
2006	63.094	38.368	24.726	112.042	105.476	6.566	11.004.716	11.112.113
2007	63.298	40.400	22.898	111.926	109.895	2.031	11.036.008	11.143.780
2008	66.529	43.044	23.485	118.302	107.979	10.323	11.060.937	11.182.224
2009	58.613	43.686	14.927	117.933	108.316	9.617	11.094.745	11.190.654
2010	60.462	62.041	-1.579	114.766	109.084	5.682	11.119.289	11.183.516
2011							11.123.392	11.123.392

The corresponding figures for the period 2011-2015 are:

	ESTIMATED						PREVIOUS	
	IMM	EM	NET	LB	D	LB-D	POP 1.1. ESTIMATIONS	
2011	60.089	92.404	-32.315	106.428	111.099	-4.671	11.123.392	11.123.392
2012	58.200	124.694	-66.494	100.371	116.668	-16.297	11.086.406	11.082.566
2013	57.946	117.094	-59.148	94.134	111.794	-17.660	11.003.615	10.991.400
2014	59.016	117.051	-58.035	92.094	113.887	-21.793	10.926.807	10.903.704
2015							10.846.979	

IMM: Immigrants

EM: Emigrants

NET: Net migration

LB: Live Births

D: Deaths

LB-D: Live Births minus Deaths

ESTIMATED POP 1.1: Population on 1st January

Regarding the methodology for estimating migration flows, for **immigrants** during the period from 1991 to 2010, estimations were carried out using the results of the 2011 Population Census –more specifically data about the year of entry in Greece- and the estimated population as of the 1st January of 1991 and 2011. Project MIMOSA² results were also used.

Since the project MIMOSA did not include all years between 1991 and 2011, estimations were based upon an exponential model which estimated the immigration percentage during the 1991–2009 that was not “captured” in the 2011 census due to deaths, departures from the country etc.

For the period 2011-2014, estimates of immigration flows were based on a linear regression model, where the immigration in a year was specified as a function of the previous year’s immigration and the GDP rate of growth of the previous year.

Regarding **emigration** during the period 1991-2013, estimates were based on emigration data of MIMOSA and on immigration data from other countries, which are destinations of returning nationals from Greece or are main destinations of Greek emigrants. For the period 2009-2013, the results of the special survey on returnees conducted by the Albanian Institute of Statistics were also used.

Regarding the 2014 emigration, given that data from other countries were not yet available, a preliminary estimation was made using a regression model where emigration in a year is defined as a function of GDP and unemployment rate.

More information about the methodology is available on the website of ELSTAT at the following link:

http://www.statistics.gr/portal/page/portal/ESYE/BUCKET/A1605/Other/A1605_S PO18 MT AH 00 1991 00 2011 01 F EN.pdf

Information:
Division of Population and
Labour Market Statistics
Vital and Migration Statistics Section
Konstantinos Voulgaris
Tel: +30 2131352172
k.voulgaris@statistics.gr

² MIMOSA project (MIGration MOdeling for Statistical Analyses) was funded by the European Commission and intended to find the suitable models for the estimation of international migration. Within the frame of the project, migration flows were estimated for the EEA countries (EE countries and EFTA countries) for the years 2002-2007.

EXPLANATORY NOTES

Vital and Migration Statistics	The Vital Statistics Survey is being conducted under its current form since 1956. In cooperation with the Regional Statistical Offices of ELSTAT, personal statistical data on vital events are collected on a monthly basis from the Civil Register Offices all over Greece. The survey produces statistical results on a yearly basis. Migration flows are estimated using model techniques and other countries migration data.
Legal Framework	The survey is fully harmonized with the European statistical practice. It is governed by Law 344/76 concerning the "Registration of vital events" which lays down the obligations of the Civil Register Offices to collect and then to transmit the data, as well as by Law 3832/2010 on the "Greek Statistical System".
Coverage	The survey is a census survey and it covers all births, deaths, marriages and registered partnerships which occur all over Greece.
Reference period	1/1/1991 – 1/1/2015
Definitions	<p>Usual residence means the place at which a person normally spends the daily period of rest, regardless of temporary absences for purposes of recreation, holiday, visits to friends and relatives, business, medical treatment or religious pilgrimage or, in default, the place of legal or registered residence.</p> <p>Immigration means the action by which a person establishes his or her usual residence in the territory of a Member State for a period that is, or is expected to be, of at least 12 months, having previously been usually resident in another Member State or a third country.</p> <p>Emigration means the action by which a person, having previously been usually resident in the territory of a Member State, ceases to have his or her usual residence in that Member State for a period that is, or is expected to be, of at least 12 months.</p>
Methodology	The vital statistics data, after having been collected from the Civil Register Offices, undergo the necessary quality checks, and then they are processed and tabulated.
References	<p>More information (tables, graphs, methodology) is available on the website of ELSTAT:</p> <p>http://www.statistics.gr, at the link Statistical Themes>Vital Statistics ></p>

