



**HELLENIC REPUBLIC**  
**HELLENIC STATISTICAL AUTHORITY**

Piraeus, 2 October 2017

## **PRESS RELEASE**

### **VITAL STATISTICS**

#### **YEAR 2016**

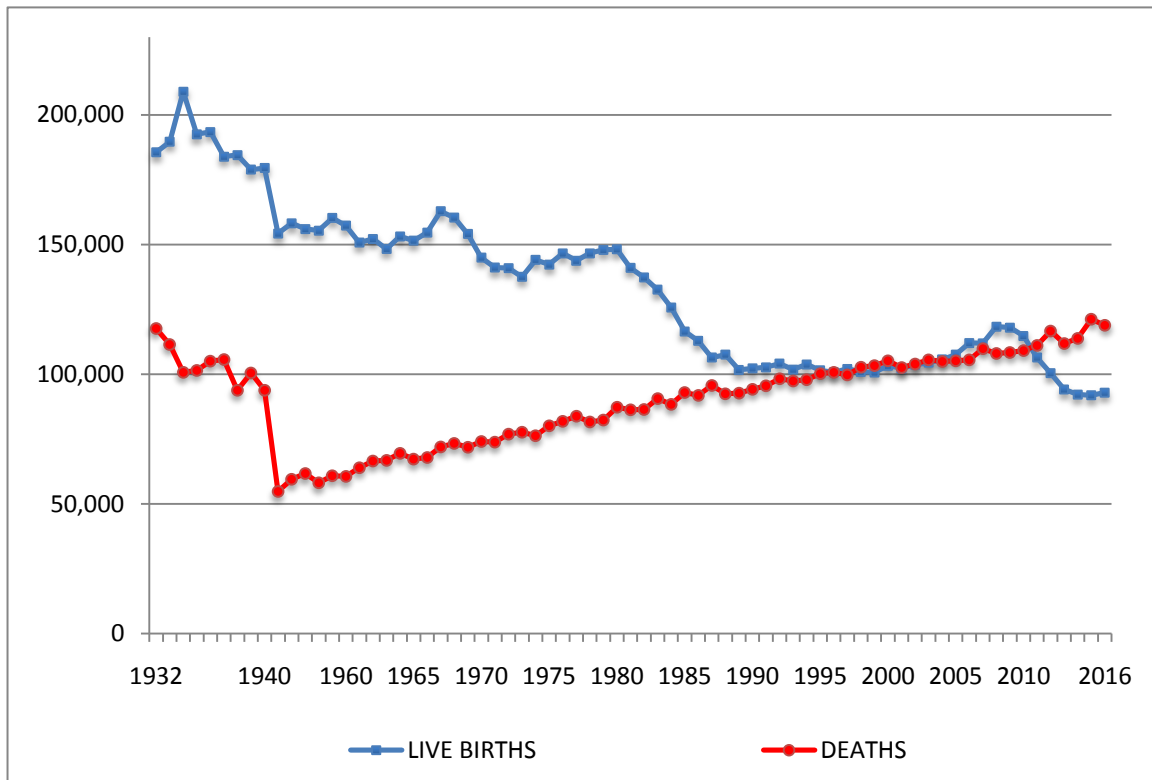
The Hellenic Statistical Authority (ELSTAT) announces data on the evolution of demographic indicators in Greece. The source of these data are the Civil Registry Offices of all Greek Municipalities, which register all the births, deaths, marriages and registered partnerships that take place in the Greek territory and are registered during the reference period. According to these data:

- The number of live births in Greece amounted to 92,898 (47,882 boys and 45,016 girls), recording an increase of 1.1% in comparison with 2015 when the number of live births was 91,847 (47,294 boys and 44,553 girls). The number of births does not include stillbirths, which in 2016 amounted to 339, recording an increase of 8.6% compared with 312 stillbirths in 2015.
- In 2016, the number of deaths decreased by 2.0%, dropping to 118,792 (60,526 males and 58,266 females) compared with 121,212 (61,798 males and 59,414 females) in 2015. The number of deaths of infants younger than one year of age amounted to 387, marking an increase in the infant mortality rate (number of deaths of infants younger than one year of age per 1,000 live births) from 4.0% in 2015 to 4.2% in 2016.
- The number of marriages in 2016 amounted to 49,632 (23,778 religious and 25,854 civil marriages) recording a decrease of 7.5% compared with 53,672 in 2015 (26,419 religious and 27,253 civil marriages). The number of registered partnerships recorded an increase of 45.5% amounting from 2,611 in 2015 to 3,799 in 2016, the latter also including 167 registered partnerships between men and 50 between women.

Information:

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**Graph 1. Live Births - Deaths 1932 – 2016**



**Table 1. Live Births – Deaths**

	LIVE BIRTHS	DEATHS	+/-
<b>1932</b>	185,523	117,593	67,930
<b>1940</b>	179,500	93,830	85,670
<b>1960</b>	157,239	60,563	96,676
<b>1965</b>	151,448	67,269	84,179
<b>1970</b>	144,928	74,009	70,919
<b>1975</b>	142,273	80,077	62,196
<b>1980</b>	148,134	87,282	60,852
<b>1985</b>	116,481	92,886	23,595
<b>1990</b>	102,229	94,152	8,077
<b>1995</b>	101,495	100,158	1,337
<b>2000</b>	103,274	105,170	-1,896
<b>2005</b>	107,545	105,091	2,454
<b>2010</b>	114,766	109,084	5,682
<b>2015</b>	91,847	121,212	-29,365
<b>2016</b>	92,898	118,792	-25,894

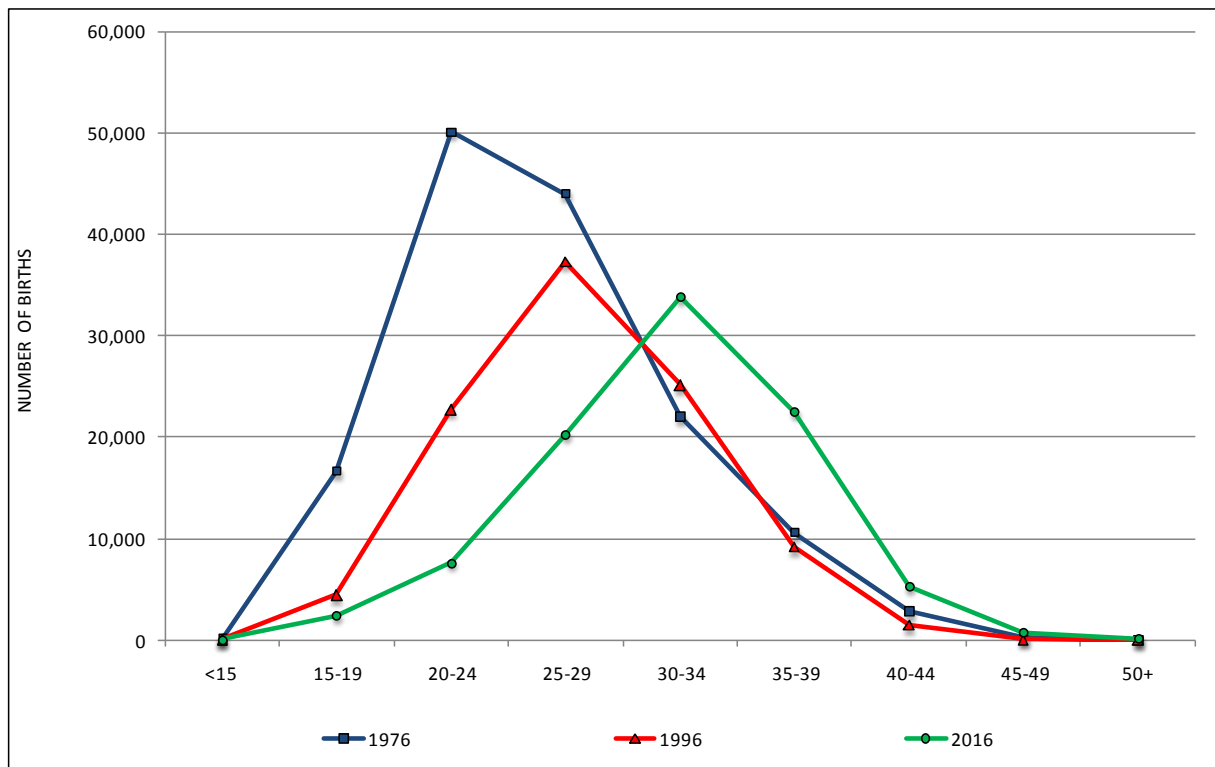
**Table 2. Live Births by permanent residence of the mother and deaths by permanent residence of the deceased, year 2016**

	LIVE BIRTHS	DEATHS
<b>TOTAL GREECE</b>	<b>92,898</b>	<b>118,792</b>
<b>Anatoliki Makedonia, Thraki</b>	<b>4,868</b>	<b>7,226</b>
Drama	695	1,268
Evros	1,187	1,901
Kavala	1,061	1,757
Xanthi	1,095	1,024
Rodopi	830	1,276
<b>Kentriki Makedonia</b>	<b>15,595</b>	<b>20,771</b>
Imathia	1,055	1,699
Thessaloniki	9,919	10,823
Kilkis	614	1,120
Pella	1,100	1,712
Pieria	1,022	1,559
Serres	1,033	2,724
Chalkidiki	852	1,134
<b>Dytiki Makedonia</b>	<b>1,995</b>	<b>3,216</b>
Grevena	166	417
Kastoria	312	543
Kozani	1,113	1,639
Florina	404	617
<b>Thessalia</b>	<b>5,691</b>	<b>8,647</b>
Karditsa	785	1,721
Larissa	2,468	3,016
Magnissia	1,561	2,219
Trikala	877	1,691
<b>Epiros</b>	<b>2,466</b>	<b>3,904</b>
Arta	425	897
Thesprotia	293	518
Ioannina	1,321	1,810
Preveza	427	679
<b>Ionia Nisia</b>	<b>1,807</b>	<b>2,567</b>
Zakynthos	419	450
Kerkyra	884	1,336
Kefallonia	293	440
Lefkada	211	341
<b>Dytiki Ellada</b>	<b>5,471</b>	<b>7,580</b>
Etoloakarnania	1,589	2,532
Achaia	2,811	3,183
Ilia	1,071	1,865
<b>Stereia Ellada</b>	<b>4,099</b>	<b>6,440</b>
Viotia	976	1,314
Evia	1,712	2,479
Evritania	99	232
Fthiotida	1,085	1,977
Fokida	227	438
<b>Peloponissos</b>	<b>4,385</b>	<b>7,059</b>
Argolida	847	1,157
Arkadia	531	1,138
Korinthia	1,199	1,627
Lakonia	611	1,161
Messinia	1,197	1,976
<b>Attiki</b>	<b>34,571</b>	<b>39,443</b>
<b>Vorio Aigeo</b>	<b>1,750</b>	<b>2,392</b>
Lesvos	914	1,232
Samos	373	546
Chios	463	614
<b>Notio Aigeo</b>	<b>3,411</b>	<b>2,805</b>
Dodekanissos	2,162	1,602
Kyklades	1,249	1,203
<b>Kriti</b>	<b>6,619</b>	<b>5,962</b>
Iraklio	3,326	2,849
Lassithi	675	865
Rethymno	932	699
Chania	1,686	1,549
<b>Abroad</b>	<b>170</b>	<b>711</b>
<b>Uknown residence</b>		<b>69</b>

**Table 3. Live Births by age group of the mother, 1976, 1986, 2006, 2016**

AGE GROUP	1976	1986	1996	2006	2016
<15	90	78	71	80	77
15-19	16,668	12,058	4,431	3,231	2,416
20-24	50,087	39,127	22,793	15,274	7,644
25-29	43,983	35,516	37,369	33,884	20,292
30-34	22,023	18,155	25,162	38,161	33,842
35-39	10,615	6,419	9,211	17,844	22,510
40-44	2,795	1,328	1,505	3,196	5,258
45-49	271	106	154	335	744
50+	34	23	21	37	115
<b>TOTAL</b>	<b>146,566</b>	<b>112,810</b>	<b>100,717</b>	<b>112,042</b>	<b>92,898</b>

**Graph 2. Live Births by age group of the mother, 1976 – 1996 and 2016**



**Table 4. Live Births, 2011 - 2016**

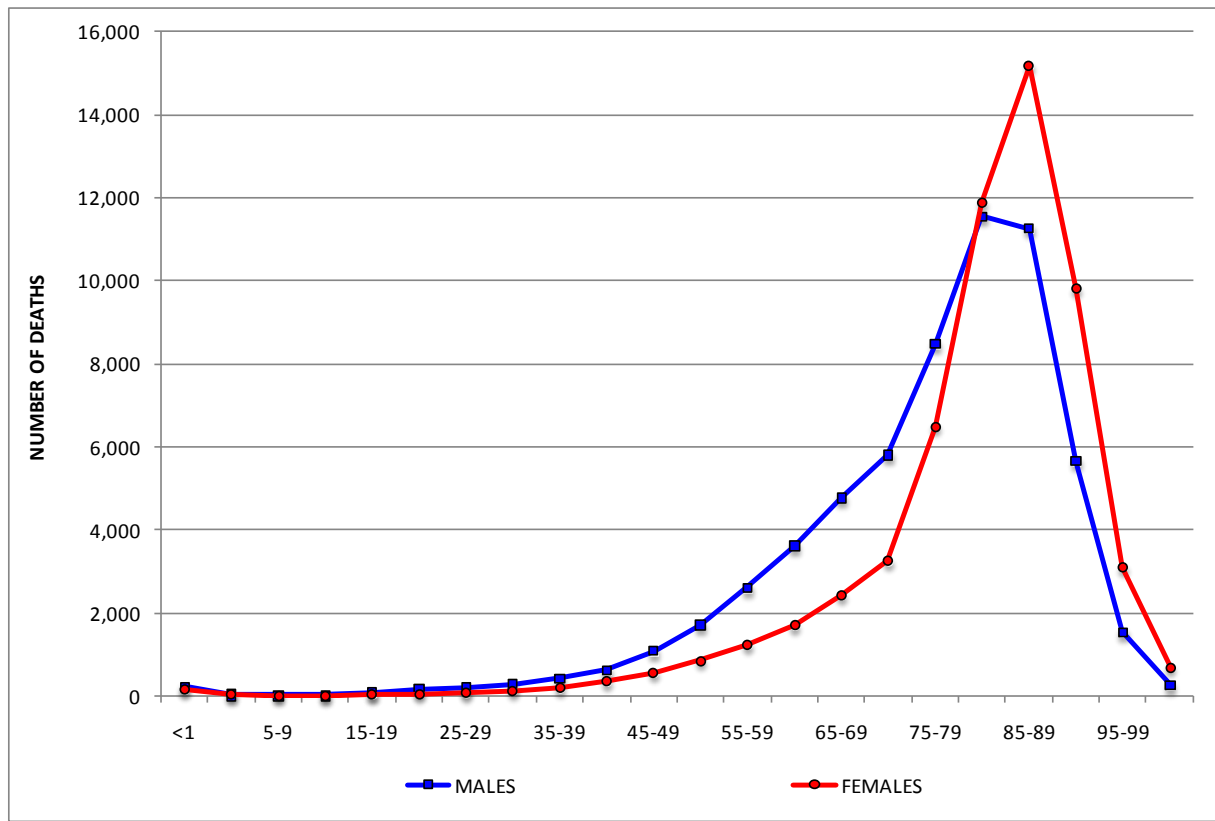
	2011	2012	2013	2014	2015	2016
<b>LIVE BIRTHS</b>	<b>106,428</b>	<b>100,371</b>	<b>94,134</b>	<b>92,148</b>	<b>91,847</b>	<b>92,898</b>
<b>Males</b>	54,862	51,654	48,430	47,383	47,274	47,882
<b>Females</b>	51,566	48,717	45,704	44,765	44,553	45,016
<b>National mothers</b>	87,426	84,851	80,940	79,975	79,904	80,153
<b>% National mothers</b>	82.1%	84.5%	86.0%	86.8%	87.0%	86.3%
<b>No National mothers</b>	19,002	15,520	13,194	12,173	11,943	12,745
<b>% No National mothers</b>	17.9%	15.5%	14.0%	13.2%	13.0%	13.7%
<b>Births in marriage*</b>	98,579	92,731	87,797	84,983	84,454	85,373
<b>% Births in marriage</b>	92.6%	92.4%	93.3%	92.2%	92.0%	91.9%
<b>Births outside marriage</b>	7,849	7,640	6,337	7,165	7,393	7,525
<b>% Births outside marriage</b>	7.4%	7.6%	6.7%	7.8%	8.0%	8.1%
<b>Mean age of the mother</b>	30.5	30.7	30.9	31.0	31.3	31.3

\* Births within Registered Partnerships are included

**Table 5. Deaths by age group and sex, 2015 and 2016**

	2015			2016		
AGE	TOTAL	MALES	FEMALES	TOTA;	MALES	FEMALES
<b>TOTAL</b>	<b>121,212</b>	<b>61,798</b>	<b>59,414</b>	<b>118,792</b>	<b>60,526</b>	<b>58,266</b>
<b>Under 1 year</b>	364	199	165	387	237	150
<b>1-4</b>	54	30	24	75	41	34
<b>5-9</b>	33	12	21	57	34	23
<b>10-14</b>	55	29	26	46	27	19
<b>15-19</b>	149	106	43	130	92	38
<b>20-24</b>	224	173	51	225	165	60
<b>25-29</b>	280	223	57	265	198	67
<b>30-34</b>	447	320	127	411	282	129
<b>35-39</b>	647	447	200	624	435	189
<b>40-44</b>	968	630	338	979	627	352
<b>45-49</b>	1,701	1,130	571	1,657	1,091	566
<b>50-54</b>	2,484	1,698	786	2,572	1,712	860
<b>55-59</b>	3,951	2,737	1,214	3,848	2,610	1,238
<b>60-64</b>	5,196	3,653	1,543	5,320	3,621	1,699
<b>65-69</b>	7,592	5,128	2,464	7,204	4,775	2,429
<b>70-74</b>	8,976	5,754	3,222	9,055	5,808	3,247
<b>75-79</b>	15,778	8,950	6,828	14,974	8,479	6,495
<b>80-84</b>	24,364	12,015	12,349	23,444	11,559	11,885
<b>85+</b>	47,949	18,564	29,385	47,519	18,733	28,786

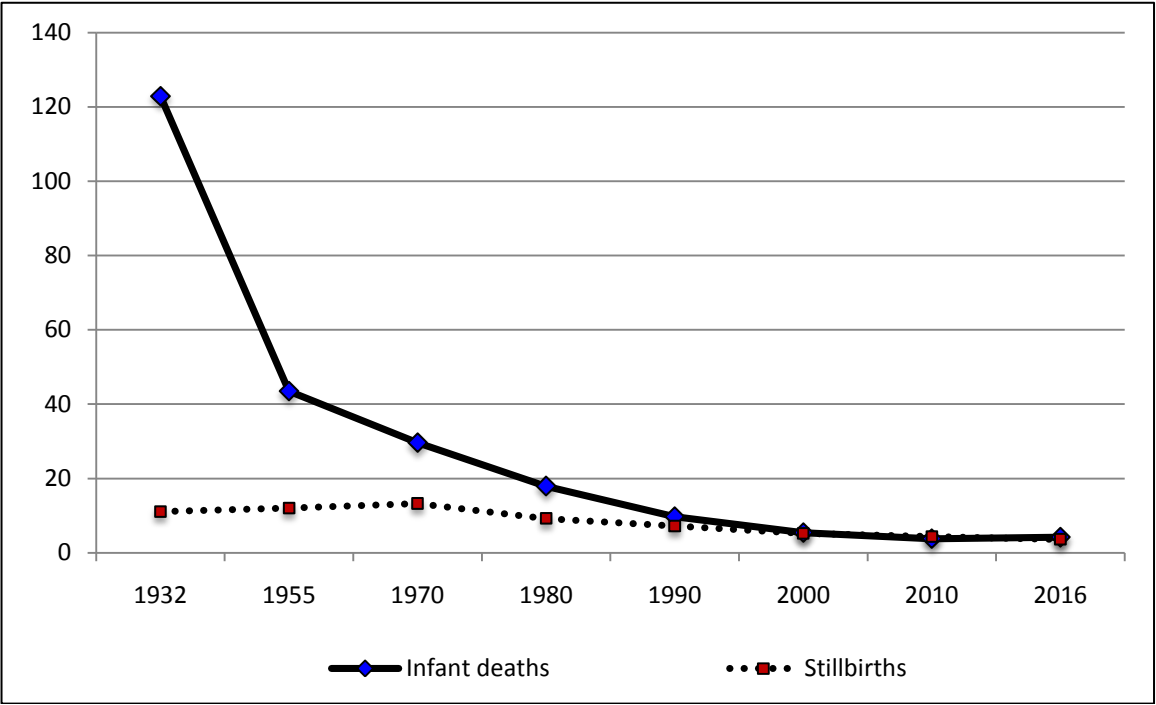
**Graph 3. Deaths by age group and sex, 2016**



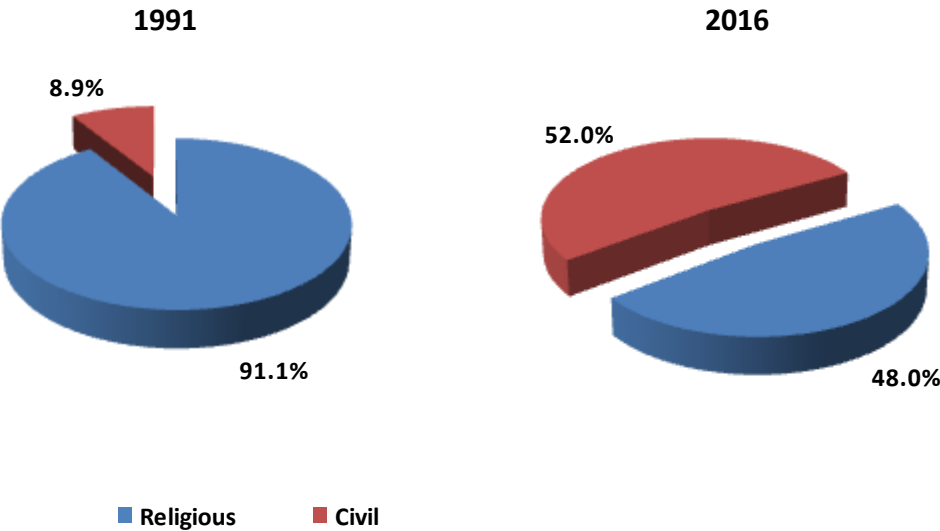
**Table 6. Deaths, 2011 - 2016**

	2011	2012	2013	2014	2015	2016
<b>DEATHS</b>	<b>111,099</b>	<b>116,668</b>	<b>111,794</b>	<b>113,740</b>	<b>121,212</b>	<b>118,792</b>
Stillbirths	431	446	376	353	312	339
Infant deaths	357	293	347	346	364	387
Infant mortality rate	3.35	2.92	3.69	3.75	3.96	4.17
Perinatal mortality rate	5.37	5.64	5.79	5.66	5.35	5.42
Neonatal mortality rate	2.20	1.88	2.64	2.63	2.83	2.81

Graph 4. Infant Deaths – Still Births per 1.000 live births



Graph 5. Religious – Civil Marriages, 1991 and 2016

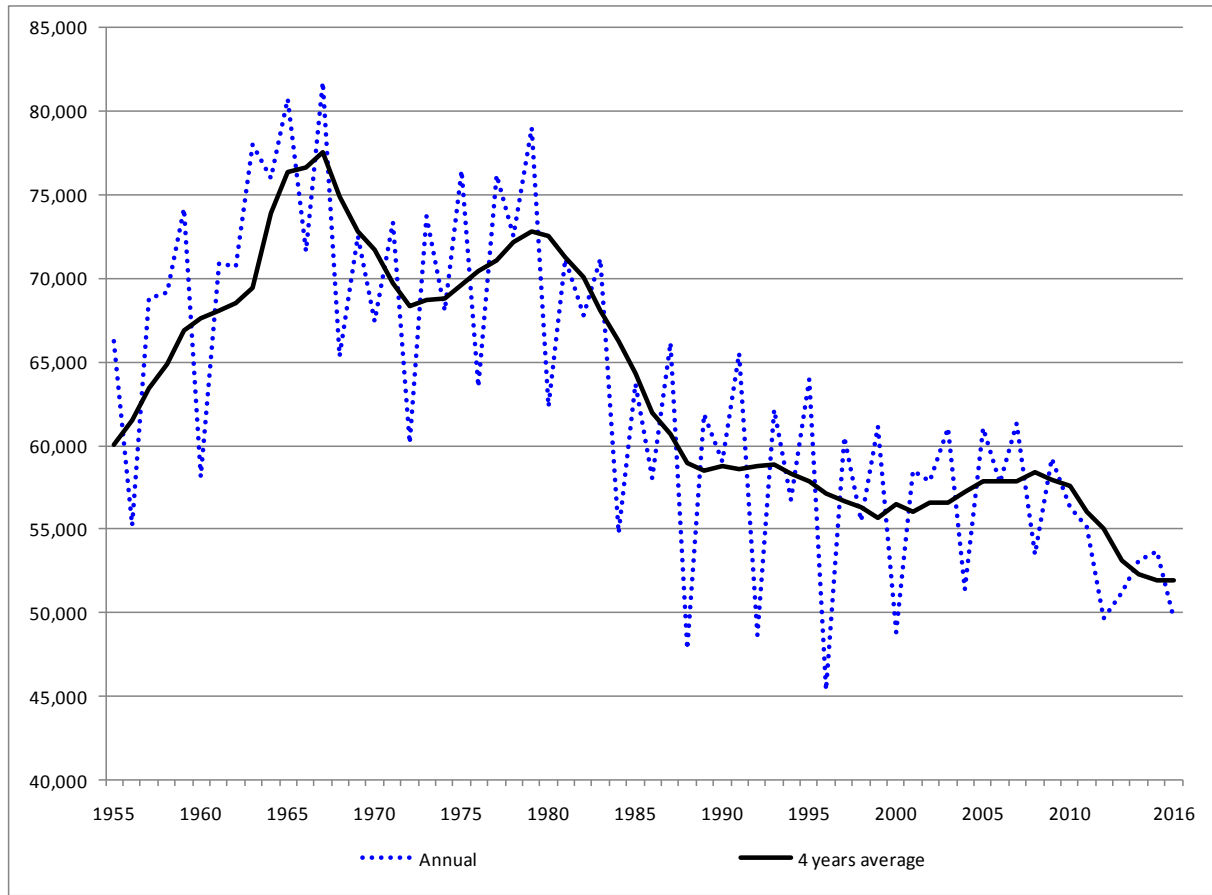




**Table 7. Marriages – Registered Partnerships**

YEAR	TOTAL MARRIAGES	RELIGIOUS		CIVIL		REGISTERED PARTNERSHIP
		NUMBER	%	NUMBER	%	
<b>1932</b>	39,283	39,283	100%	-	-	-
<b>1955</b>	66,274	66,274	100%	-	-	-
<b>1971</b>	73,350	73,350	100%	-	-	-
<b>1981</b>	71,178	71,178	100%	-	-	-
<b>1991</b>	65,568	59,710	91.1%	5,858	8.9%	-
<b>2001</b>	58,491	48,087	82.2%	10,404	17.8%	-
<b>2009</b>	59,212	34,375	58.1%	24,837	41.9%	161
<b>2010</b>	56,338	30,327	53.8%	26,011	46.2%	180
<b>2011</b>	55,099	28,472	51.7%	26,627	48.3%	185
<b>2012</b>	49,705	23,980	48.2%	25,725	51.8%	314
<b>2013</b>	51,256	25,624	50.0%	25,632	50.0%	581
<b>2014</b>	53,105	26,152	49.2%	26,953	50.8%	1,573
<b>2015</b>	53,672	26,419	49.2%	27,253	50.8%	2,611
<b>2016</b>	49,632	23,778	47.9%	25,854	52.1%	3,799

**Graph 6. Marriages, 1955 - 2016**



**Table 8. Marriages by spouse's age at first marriage, 2016**

	MEN	WOMEN
<b>TOTALS</b>	<b>43,334</b>	<b>43,705</b>
<b>&lt;15</b>	0	9
<b>15-19</b>	175	776
<b>20-24</b>	1,629	4,815
<b>25-29</b>	9,321	14,826
<b>30-34</b>	16,465	14,991
<b>35-39</b>	10,046	5,927
<b>40-44</b>	3,763	1,572
<b>45-49</b>	1,297	509
<b>50-54</b>	359	163
<b>55-59</b>	154	68
<b>60-64</b>	66	26
<b>65-69</b>	31	10
<b>70-74</b>	17	10
<b>75+</b>	11	3

## EXPLANATORY NOTES

<b>Vital Statistics</b>	The Vital Statistics Survey is conducted under its current form since 1956. Since May 2013, ELSTAT has access to "ARIADNI" system of the Ministry of Interior. ARIADNE refers to an electronic registration system of vital events and when an event is registered, ELSTAT's database is simultaneously updated. The data undergo the necessary quality checks, and then they are processed and tabulated. The results are released on a yearly basis.
<b>Legal Framework</b>	The survey 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, Establishment of the Hellenic Statistical Authority".
<b>Coverage</b>	The survey is a census survey and it covers all births, deaths, marriages and registered partnerships that take place within the Greek territory.
<b>Reference period</b>	1/1/2016 – 31/12/2016
<b>Definitions</b>	<p><b>Infant mortality rate:</b> The ratio of the number of infant deaths under one year of age during the reference year to the number of live births in the same year. The value is expressed per 1.000 live births.</p> <p><b>Neonatal mortality rate:</b> The ratio of the number of infant deaths under 28 days of age during the reference year to the number of live births in the same year. The value is expressed per 1,000 live births.</p> <p><b>Perinatal mortality rate:</b> The ratio of the number of infant deaths less than 7 days of age (one week) plus stillbirths during the reference year to the number of total births (including stillbirths) in the same year. The value is expressed per 1,000 total births.</p> <p><b>The mean age of mother at birth</b> is calculated as a weighted average using the age specific fertility rates.</p> <p><b>Natural population change</b> (natural balance): the difference between births and deaths, without taking into account net migration (immigrants-emigrants).</p>
<b>Methodology</b>	The vital statistics data, after having been collected from the "ARIADNI" system, undergo the necessary quality checks, and then they are processed and tabulated. In cases two types of marriages take place (religious and civil), only the first marriage is recorded.
<b>References</b>	More information (tables, graphs, methodology) is available on the website of ELSTAT: <a href="http://www.statistics.gr">http://www.statistics.gr</a> , at the link Statistical Themes>Vital Statistics >