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HELLENIC STATISTICAL AUTHORITY

## **PRESS RELEASE**

## DATA ON WEEKLY DEATHS: Period 1<sup>st</sup> to 35<sup>th</sup> week, 2021

The Hellenic Statistical Authority (ELSTAT) announces an ad-hoc press release with provisional statistical data depicting the weekly evolution of death counts for the period from the first (1<sup>st</sup>) to the thirty-fifth (35<sup>th</sup>) week of 2021. Data refer to the deaths that occurred in the Greek territory during that period due to various causes including deaths attributed to Covid-19.

The data included in this publication are compiled within the framework of the Vital Statistics Survey and are provided from all the Municipal Civil Registers of Greece according to the vital events that have been declared and registered up until the date of data transmission. Overdue registrations of deaths are integrated at a later stage in the date of occurrence.

According to these data, **the number of deaths in Greece for the 35 first weeks of 2021 (4/1/2021 – 5/9/2021)** amounted to **94,806** (48,149 men and 46,657 women) **whereas for the corresponding 35 weeks of 2020 (30/12/2019 – 30/8/2020) had amounted to 86,121** (43,038 men and 43,083 women), recording an increase of 10.08%. An increase of 10,925 deaths (13.02%) was recorded compared to the average number of deaths for the first 35 weeks of the sixyear period 2015 – 2020 (83,881). The annual rates of change for the period 2015 - 2020 amount to -0.23% in 2020 compared to 2019 (86,322), 6.66% in 2019 compared to 2018 (80,930), -6.33% in 2018 compared to 2017 (86,398), 8.35% in 2017 compared to 2016 (79,738) and -4.82% in 2016 compared to 2015 (83,779) (Tables 1, 2, 3 and 4).





\*Provisional data

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Table 1. Weekly evolution of deaths, 2020 and 2021						
Week	2020*	2021*	Change (%)			
1 <sup>st</sup>	2,751	2,645	-3.9			
2 <sup>nd</sup>	2,923	2,488	-14.9			
3 <sup>rd</sup>	2,863	2,648	-7.5			
4 <sup>th</sup>	2,774	2,621	-5.5			
5 <sup>th</sup>	2,990	2,493	-16.6			
6 <sup>th</sup>	2,850	2,463	-13.6			
7 <sup>th</sup>	2,782	2,529	-9.1			
8 <sup>th</sup>	2,469	2,666	8.0			
9 <sup>th</sup>	2,545	2,723	7.0			
10 <sup>th</sup>	2,645	2,654	0.3			
11 <sup>th</sup>	2,594	2,783	7.3			
12 <sup>th</sup>	2,548	2,757	8.2			
13 <sup>th</sup>	2,439	2,929	20.1			
14 <sup>th</sup>	2,454	2,898	18.1			
15 <sup>th</sup>	2,362	2,968	25.7			
16 <sup>th</sup>	2,268	2,665	17.5			
17 <sup>th</sup>	2,203	2,803	27.2			
18 <sup>th</sup>	2,307	2,936	27.3			
19 <sup>th</sup>	2,128	2,435	14.4			
20 <sup>th</sup>	2,474	2,500	1.1			
21 <sup>st</sup>	2,329	2,585	11.0			
22 <sup>nd</sup>	1,961	2,315	18.1			
23 <sup>rd</sup>	2,101	2,392	13.9			
24 <sup>th</sup>	2,211	2,312	4.6			
25 <sup>th</sup>	2,354	2,958	25.7			
26 <sup>th</sup>	2,181	3,154	44.6			
27 <sup>th</sup>	2,671	2,702	1.2			
28 <sup>th</sup>	2,304	2,697	17.1			
29 <sup>th</sup>	2,137	2,449	14.6			
30 <sup>th</sup>	2,235	2,819	26.1			
31 <sup>st</sup>	2,714	3,881	43.0			
32 <sup>nd</sup>	2,528	2,941	16.3			
33 <sup>rd</sup>	2,367	2,665	12.6			
34 <sup>th</sup>	2,361	2,772	17.4			
35 <sup>th</sup>	2,298	2,560	11.4			
Total	86,121	94,806	10.08			
*Provisional data						

Table 1. Weekly evolution of deaths, 2020 and 2021

According to the above data, the highest increase of deaths for the period of the first 35 weeks of the year 2021 compared to 2020 was recorded in the  $26^{th}$  week (28/6 - 4/7/2021), the  $31^{st}$  (2/8 - 8/8/2021), the  $18^{th}$  (3/5 - 9/5/2021) and the  $17^{th}$  week (26/4 - 2/5/2021) increasing by 44.6%, 43.0%, 27.3% and 27.2% respectively.

The lowest number of deaths during the corresponding period of 2021 compared to 2020 was recorded in the 5<sup>th</sup> (1/2 - 7/2/2021), the 2<sup>nd</sup> (11/1 - 17/1/2021) and the 6<sup>th</sup> week (8/2 - 14/2/2021) decreasing by 16.6%, 14.9% and 13.6% respectively (Table 1).

It should be noted that data are updated after integration of more recent data or upon revision of already transmitted data by the Registry Offices. Consequently, data may differ from those already published in previous Press Releases.



Graph 2. Deaths for the weeks  $1^{st} - 35^{th}$  2015 - 2021 (cumulative)

Graph 3. Deaths by week for the weeks 1<sup>st</sup> - 35<sup>th</sup>, 2020, 2021 and Average for the period 2015-2020



Week/Year	2015	2016	2017	2018	2019	2020*	2021*	Average 2015 - 2020
1st	2,645	2,637	3,425	2,533	2,706	2,751	2,645	2,783
1st - 2nd	5,658	5,275	7,105	4,986	5,811	5,674	5,133	5,752
1st - 3rd	8,711	7,876	10,469	7,331	8,850	8,537	7,781	8,629
1st - 4th	11,776	10,528	13,551	9,879	11,710	11,311	10,402	11,459
1st - 5th	14,554	13,177	16,553	12,484	14,603	14,301	12,895	14,279
1st - 6th	17,219	15,771	19,343	15,041	17,375	17,151	15,358	16,983
1st - 7th	19,770	18,207	22,018	17,510	19,938	19,933	17,887	19,563
1st - 8th	22,460	20,422	24,541	20,003	22,598	22,402	20,553	22,071
1st - 9th	25,250	22,561	26,940	22,613	25,367	24,947	23,276	24,613
1st - 10th	27,879	24,809	29,345	25,145	27,886	27,592	25,930	26,941
1st - 11th	30,426	27,064	31,789	27,560	30,356	30,186	28,713	29,442
1st - 12th	32,883	29,249	34,247	29,890	32,747	32,734	31,470	31,958
1st - 13th	35,259	31,508	36,500	32,255	35,079	35,173	34,399	34,296
1st - 14th	37,649	33,783	38,863	34,596	37,492	37,627	37,297	36,668
1st - 15th	40,057	36,010	41,226	36,945	39,804	39,989	40,265	39,005
1st - 16th	42,483	38,110	43,593	39,264	42,024	42,257	42,930	41,289
1st - 17th	44,723	40,191	45,918	41,439	44,427	44,460	45,733	43,526
1st - 18th	47,010	42,437	48,183	43,665	46,787	46,767	48,669	45,808
1st - 19th	49,337	44,646	50,342	45,645	49,110	48,895	51,104	47,996
1st - 20th	51,352	46,767	52,372	47,757	51,378	51,369	53,604	50,166
1st - 21st	53,427	48,794	54,385	49,778	53,588	53,698	56,189	52,278
1st - 22nd	55,368	50,993	56,597	52,001	55,869	55,659	58,504	54,415
1st - 23rd	57,458	52,992	58,718	54,303	58,154	57,760	60,896	56,564
1st - 24th	59,565	55,167	60,854	56,491	60,700	59,971	63,208	58,791
1st - 25th	61,800	58,081	63,024	58,571	63,076	62,325	66,166	61,146
1st - 26th	63,722	60,399	65,756	60,616	65,495	64,506	69,320	63,416
1st - 27th	65,639	62,554	68,298	62,977	67,872	67,177	72,022	65,753
1st -28th	67,910	64,740	70,716	65,137	70,130	69,481	74,719	68,019
1st - 29th	70,107	66,733	72,806	67,493	72,227	71,618	77,168	70,164
1st - 30th	72,550	69,018	74,949	69,688	74,564	73,853	79,987	72,437
1st - 31st	75,029	71,342	77,256	71,919	76,950	76,567	83,868	74,844
1st - 32nd	77,401	73,554	79,982	74,207	79,341	79,095	86,809	77,263
1st - 33rd	79,643	75,676	82,270	76,492	81,702	81,462	89,474	79,541
1st - 34th	81,724	77,725	84,322	78,752	83,966	83,823	92,246	81,719
1st - 35th	83,779	79,738	86,398	80,930	86,322	86,121	94,806	83,881
change (%)		-4.82	8.35	-6.33	6.66	-0.23	10.08	

Table 2. Deaths for the weeks 1<sup>st</sup> – 35<sup>th</sup>, 2015 - 2021 (cumulative)

Week	Total	Males	Females
1 <sup>st</sup>	2,645	1,360	1,285
2 <sup>nd</sup>	2,488	1,255	1,233
3 <sup>rd</sup>	2,648	1,353	1,295
4 <sup>th</sup>	2,621	1,332	1,289
5 <sup>th</sup>	2,493	1,287	1,206
6 <sup>th</sup>	2,463	1,265	1,198
7 <sup>th</sup>	2,529	1,320	1,209
8 <sup>th</sup>	2,666	1,376	1,290
9 <sup>th</sup>	2,723	1,389	1,334
10 <sup>th</sup>	2,654	1,339	1,315
11 <sup>th</sup>	2,783	1,439	1,344
12 <sup>th</sup>	2,757	1,427	1,330
13 <sup>th</sup>	2,929	1,473	1,456
14 <sup>th</sup>	2,898	1,512	1,386
15 <sup>th</sup>	2,968	1,521	1,447
16 <sup>th</sup>	2,665	1,392	1,273
17 <sup>th</sup>	2,803	1,448	1,355
18 <sup>th</sup>	2,936	1,537	1,399
19 <sup>th</sup>	2,435	1,267	1,168
20 <sup>th</sup>	2,500	1,311	1,189
21 <sup>st</sup>	2,585	1,334	1,251
22 <sup>nd</sup>	2,315	1,178	1,137
23 <sup>rd</sup>	2,392	1,174	1,218
24 <sup>th</sup>	2,312	1,254	1,058
25 <sup>th</sup>	2,958	1,455	1,503
26 <sup>th</sup>	3,154	1,552	1,602
27 <sup>th</sup>	2,702	1,258	1,444
28 <sup>th</sup>	2,697	1,305	1,392
29 <sup>th</sup>	2,449	1,214	1,235
30 <sup>th</sup>	2,819	1,449	1,370
31 <sup>st</sup>	3,881	1,865	2,016
32 <sup>nd</sup>	2,941	1,455	1,486
33 <sup>rd</sup>	2,665	1,354	1,311
34 <sup>th</sup>	2,772	1,385	1,387
35 <sup>th</sup>	2,560	1,314	1,246
Total	94,806	48,149	46,657

Table 3. Weekly evolution of deaths by sex for the weeks 1<sup>st</sup> – 35<sup>th</sup>, 2021\*



Graph 4. Weekly evolution of deaths by sex for the weeks  $1^{st} - 35^{th} 2021^*$ 



Table 4. Deaths by age group and sex, weeks 1<sup>st</sup> – 35<sup>th</sup>, 2020 and 2021

Year	2020*			2021*			
Age	Total	Males	Females	Total	Males	Females	
0 - 4	238	132	106	232	127	105	
5 - 9	23	16	7	22	14	8	
10 - 14	22	13	9	27	17	10	
15 - 19	76	55	21	72	50	22	
20 - 24	128	103	25	134	100	34	
25 - 29	165	123	42	177	139	38	
30 - 34	220	160	60	227	177	50	
35 - 39	339	238	101	392	288	104	
40 - 44	623	405	218	726	498	228	
45 - 49	1,036	677	359	1,172	800	372	
50 - 54	1,688	1,098	590	2,000	1,317	683	
55 - 59	2,510	1,684	826	2,942	1,991	951	
60 - 64	3,689	2,492	1,197	4,333	2,904	1,429	
65 - 69	5,043	3,331	1,712	5,916	3,827	2,089	
70 - 74	7,035	4,446	2,589	8,229	5,151	3,078	
75 - 79	8,797	5,111	3,686	10,010	5,782	4,228	
80 - 84	15,287	7,495	7,792	16,115	8,089	8,026	
85 - 89	19,645	8,465	11,180	20,730	9,068	11,662	
90+	19,529	6,972	12,557	21,341	7,803	13,538	
Unknown	28	22	6	9	7	2	
Total	86,121	43,038	43,083	94,806	48,149	46,657	

As regards the breakdown of data by age, during the first 35 weeks of 2021, more deaths were observed compared to the corresponding period of 2020, in absolute figures, mainly for the age groups over 90 (1,812 deaths), 75 to 79 (1,213 deaths), 70 to 74 (1,194) and 85 to 89 (1,085), whereas fewer deaths were observed for the age groups 0 to 4 (6 deaths), 15 to 19 (4 deaths) and 5 to 9 (1 death) (Table 4).



Graph 6. Annual change of deaths 2020\*/2021\* (%) by sex and Region of usual residence, weeks 1<sup>st</sup> – 35<sup>th</sup>

Table 5. Annual change of deaths 2020/2021 (%) by sex and Region of usual residence, weeks 1<sup>st</sup> – 35<sup>th</sup>

	2020*		2021*			Change (%)			
Region	Total	Males	females	Total	Males	females	Total	Males	females
Anatoliki Makedonia and Thraki	5,447	2,702	2,745	5,510	2,742	2,768	1.16	1.48	0.84
Kentriki Makedonia	15,161	7,517	7,644	16,811	8,574	8,237	10.88	14.06	7.76
Dytiki Makedonia	2,415	1,183	1,232	2,603	1,328	1,275	7.78	12.26	3.49
Ipeiros	2,775	1,429	1,346	2,994	1,510	1,484	7.89	5.67	10.25
Thessalia	6,260	3,135	3,125	7,078	3,608	3,470	13.07	15.09	11.04
Ionia Nisia	1,797	897	900	1,819	936	883	1.22	4.35	-1.89
Attiki	28,940	14,287	14,653	32,945	16,415	16,530	13.84	14.89	12.81
Dytiki Ellada	5,527	2,776	2,751	5,896	3,009	2,887	6.68	8.39	4.94
Sterea Ellada	4,591	2,355	2,236	5,118	2,703	2,415	11.48	14.78	8.01
Peloponnisos	5,137	2,638	2,499	5,389	2,813	2,576	4.91	6.63	3.08
Voreio Aigaio	1,642	819	823	1,624	822	802	-1.10	0.37	-2.55
Notio Aigaio	2,032	1,080	952	2,254	1,233	1,021	10.93	14.17	7.25
Kriti	4,362	2,193	2,169	4,715	2,416	2,299	8.09	10.17	5.99
Unknown	35	27	8	50	40	10	42.86	48.15	25.00
Total	86,121	43,038	43,083	94,806	48,149	46,657	10.08	11.88	8.30
Abroad	240	169	64	274	182	92	14.17	7.69	43.75

\*Provisional data

As regards the breakdown of data by place of usual residence of the deceased persons, during the first 35 weeks of 2021, an increase of deaths is observed in twelve (12) Regions and a decrease in one (1) as compared to the deaths of the corresponding period of 2020. The most notable increase, in absolute figures, is observed in the Regions of Attiki, Kentriki Makedonia and Thessalia, namely by 4,005, 1,650 and 818 deaths respectively and a decrease in the Region of Voreio Aigaio by 18 deaths (Graph 6, Table 5).

## **EXPLANATORY NOTES**

Vital For the Vital statistics Survey, data are provided by Civil Register Offices from all over the Country.
Statistics- Data presented in this press release refer to the weekly evolution of death counts according to the international standard of weeks ISO 8601. This is an ad-hoc data processing for the purpose of depicting the evolution of deaths during the Covid-19 pandemic.

 Reference
 2020: 30/12/2019 - 30/8/2020

 periods
 2021: 4/1/2021 - 5/9/2021

Legal Law 344/76 concerning the "Registration of vital events" which lays down the obligations of the CivilFramework Register Offices to collect and then transmit the data, as well as by Law 3832/2010 on the "Greek Statistical System", as amended.

- **Coverage** The Vital Statistics survey is an exhaustive survey and covers all deaths of usual resident population that occur in the Greek territory.
- All deaths of usual residents taking place in the Greek territory are recorded, regardless of the cause of death. Deaths of usual resident population of other countries are also recorded but not counted. The deaths of migrants-refugees during their attempt to approach the Greek islands from the Turkish shores (drownings) are not included.

Causes of death are defined according to the International Statistical Classification of Diseases and Related Health Problems (ICD-10) and basic categories are Diseases of the Circulatory System, Diseases of the Respiratory System, Neoplasms, Infectious and Parasitic Diseases, Violent deaths and other causes, Covid-19 included.

Methodology Data on deaths and vital statistics undergo the necessary quality checks, are processed, and presented in the form of tables.

**Geographical** Geographical classification is based on the Nomenclature of Territorial Units for Statistics (NUTS). Data are disseminated at Country and Region (NUTS2) level.



## Map of the Regions (NUTS2) of Greece

InternationalThe first 35 weeks for 2020 and 2021 are defined according to international standard ISO 8601 asStandard offollows:

Dates

WEEK	2020	2021
1 <sup>st</sup>	30/12/2019 - 5/1/2020	4/1/2021 - 10/1/2021
2 <sup>nd</sup>	6/1/2020 - 12/1/2020	11/1/2021 - 17/1/2021
3 <sup>rd</sup>	13/1/2020 - 19/1/2020	18/1/2021 - 24/1/2021
4 <sup>th</sup>	20/1/2020 - 26/1/2020	25/1/2021 - 31/1/2021
5 <sup>th</sup>	27/1/2020 - 2/2/2020	1/2/2021 - 7/2/2021
6 <sup>th</sup>	3/2/2020 - 9/2/2020	8/2/2021 - 14/2/2021
7 <sup>th</sup>	10/2/2020 - 16/2/2020	15/2/2021 - 21/2/2021
8 <sup>th</sup>	17/2/2020 - 23/2/2020	22/2/2021 - 28/2/2021
9 <sup>th</sup>	24/2/2020 - 1/3/2020	1/3/2021 - 7/3/2021
10 <sup>th</sup>	2/3/2020 - 8/3/2020	8/3/2021 - 14/3/2021
11 <sup>th</sup>	9/3/2020 - 15/3/2020	15/3/2021 - 21/3/2021
12 <sup>th</sup>	16/3/2020 - 22/3/2020	22/3/2021 - 28/3/2021
13 <sup>th</sup>	23/3/2020 - 29/3/2020	29/3/2021 - 4/4/2021
14 <sup>th</sup>	30/3/2020 - 5/4/2020	5/4/2021 - 11/4/2021
15 <sup>th</sup>	6/4/2020 - 12/4/2020	12/4/2021 - 18/4/2021
16 <sup>th</sup>	13/4/2020 - 19/4/2020	19/4/2021 - 25/4/2021
17 <sup>th</sup>	20/4/2020 - 26/4/2020	26/4/2021 - 2/5/2021
18 <sup>th</sup>	27/4/2020 - 3/5/2020	3/5/2021 - 9/5/2021
19 <sup>th</sup>	4/5/2020 - 10/5/2020	10/5/2021 - 16/5/2021
20 <sup>th</sup>	11/5/2020 - 17/5/2020	17/5/2021 - 23/5/2021
21 <sup>st</sup>	18/5/2020 - 24/5/2020	24/5/2021 - 30/5/2021
22 <sup>nd</sup>	25/5/2020 - 31/5/2020	31/5/2021 - 6/6/2021
23 <sup>rd</sup>	1/6/2020 - 7/6/2020	7/6/2021 - 13/6/2021
24 <sup>th</sup>	8/6/2020 - 14/6/2020	14/6/2021 - 20/6/2021
25 <sup>th</sup>	15/6/2020 - 21/6/2020	21/6/2021 - 27/6/2021
26 <sup>th</sup>	22/6/2020 - 28/6/2020	28/6/2021 - 4/7/2021
27 <sup>th</sup>	29/6/2020 - 5/7/2020	5/7/2021 - 11/7/2021
28 <sup>th</sup>	6/7/2020 - 12/7/2020	12/7/2021 - 18/7/2021
29 <sup>th</sup>	13/7/2020 - 19/7/2020	19/7/2021 -25/7/2021
30 <sup>th</sup>	20/7/2020 - 26/7/2020	26/7/2021 - 1/8/2021
31 <sup>st</sup>	27/7/2020 - 2/8/2020	2/8/2021 - 8/8/2021
32 <sup>nd</sup>	3/8/2020 - 9/8/2020	9/8/2021 - 15/8/2021
33 <sup>rd</sup>	10/8/2020 - 16/8/2020	16/8/2021 -22/8/2021
34 <sup>th</sup>	17/8/2020 - 23/8/2020	23/8/2021 - 29/8/2021
35 <sup>th</sup>	24/8/2020 - 30/8/2020	30/8/2021 - 5/9/2021

**References:** More information (tables, graphs, methodology) is available on the website of ELSTAT: https//<u>www.statistics.gr</u>, at the link Statistics, Population and Social Conditions, Demography.