

REPORTED CASES OF INFECTIOUS DISEASES, 2024

The Hellenic Statistical Authority (ELSTAT) announces provisional data on reported cases of infectious diseases for 2024 based on information deriving from the National Public Health Organization (EODY). EODY records and verifies the reported cases of infectious diseases through its epidemiological surveillance and intervention system, based on the mandatory notification of these diseases.

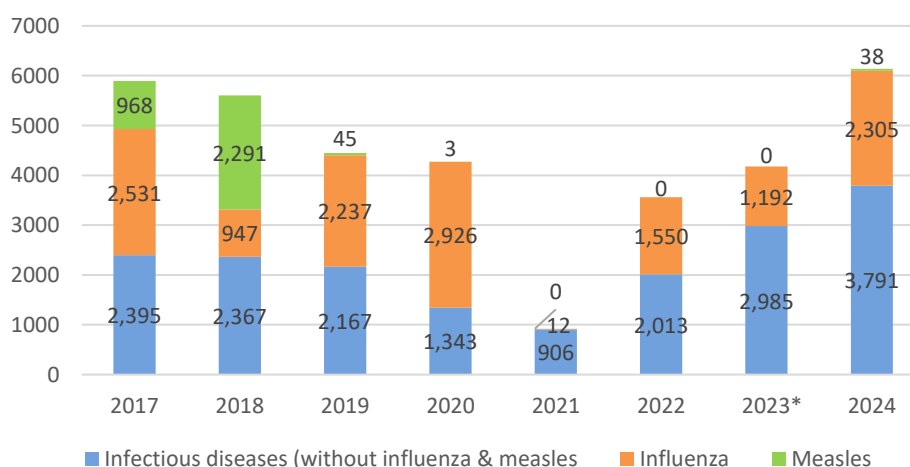
In 2024, the reported standard infectious diseases cases under surveillance amounted to 6,134 compared to 4,177 cases reported in 2023, recording an increase of 46,9%. The largest increase (93.4%) was recorded in laboratory-confirmed influenza cases (2,305 from 1,192), while 38 measles cases were also recorded. (Table 1, Graph 1).

Table 1. Reported cases of infectious diseases, 2017 -2024

Year	TOTAL (incl. influenza and measles)	Influenza	Measles
2017	5,894	2,531	968
2018	5,605	947	2,291
2019	4,449	2,237	45
2020	4,272	2,926	3
2021	918	12	0
2022	3,563	1,550	0
2023*	4,177	1,192	0
2024	6,134	2,305	38

* Revised data

Graph 1. Cases of influenza, measles, and the rest of infectious diseases, 2017-2024



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Table 2 and graph 2 present the total number of cases and the seasonality of six most infectious diseases¹, which account for more than 200 verified and hospitalized reported cases during the year 2024.

Influenza cases were high mainly in the winter months, while cases decreased in the spring and remained low from June to November. In total, 2,305 cases were reported for 2024 compared to 1,192 in 2023, making influenza the most common infection of the year, with an increase of 93.4%.

Compared to 2023, salmonellosis increased by 12.4% and tuberculosis decreased by 19.2%. Based on the number of recorded cases, salmonellosis peaked mainly in the summer months, while tuberculosis reported most cases in March, April and December.

Campylobacter infection cases presented a total of 908 cases with an increasing trend mainly from May to October. Compared to 2023, an increase of 37.8% was observed in 2024.

Pertussis recorded 440 cases in 2024, presenting a significant increase compared to 2023, when 12 cases were reported.

West Nile virus infection (WNV) recorded a total of 220 cases, presenting a summer seasonality, as cases were limited to the months from June to October. Compared to 2023, the infection increased by 35.8%.

Table 2. Cases of the most frequently reported infectious diseases¹ per month, year 2024

Month	TOTAL number of reported cases	of which:					
		Influenza (laboratory confirmed)	Salmonellosis	Campylobacter infection	Pertussis	Tuberculosis	West Nile virus infection
January	950	750	31	74	11	29	0
February	642	445	28	52	23	27	0
March	479	259	28	54	42	41	0
April	629	328	42	70	82	48	0
May	446	71	55	140	78	28	0
June	426	23	123	92	83	34	4
July	492	27	150	86	49	21	78
August	534	39	210	49	30	39	94
September	467	19	174	94	22	37	35
October	328	6	106	92	10	29	9
November	248	35	70	54	8	22	0
December	493	303	35	51	2	45	0
TOTAL	6,134	2,305	1,052	908	440	400	220

¹ **Tuberculosis** is monitored by the European Centre for disease Prevention and Control and remains one of the major problems of public health. The target is to eradicate the prevalence of tuberculosis and the recurrent deaths by 2050.

Salmonellosis is the most frequently reported food-borne infection.

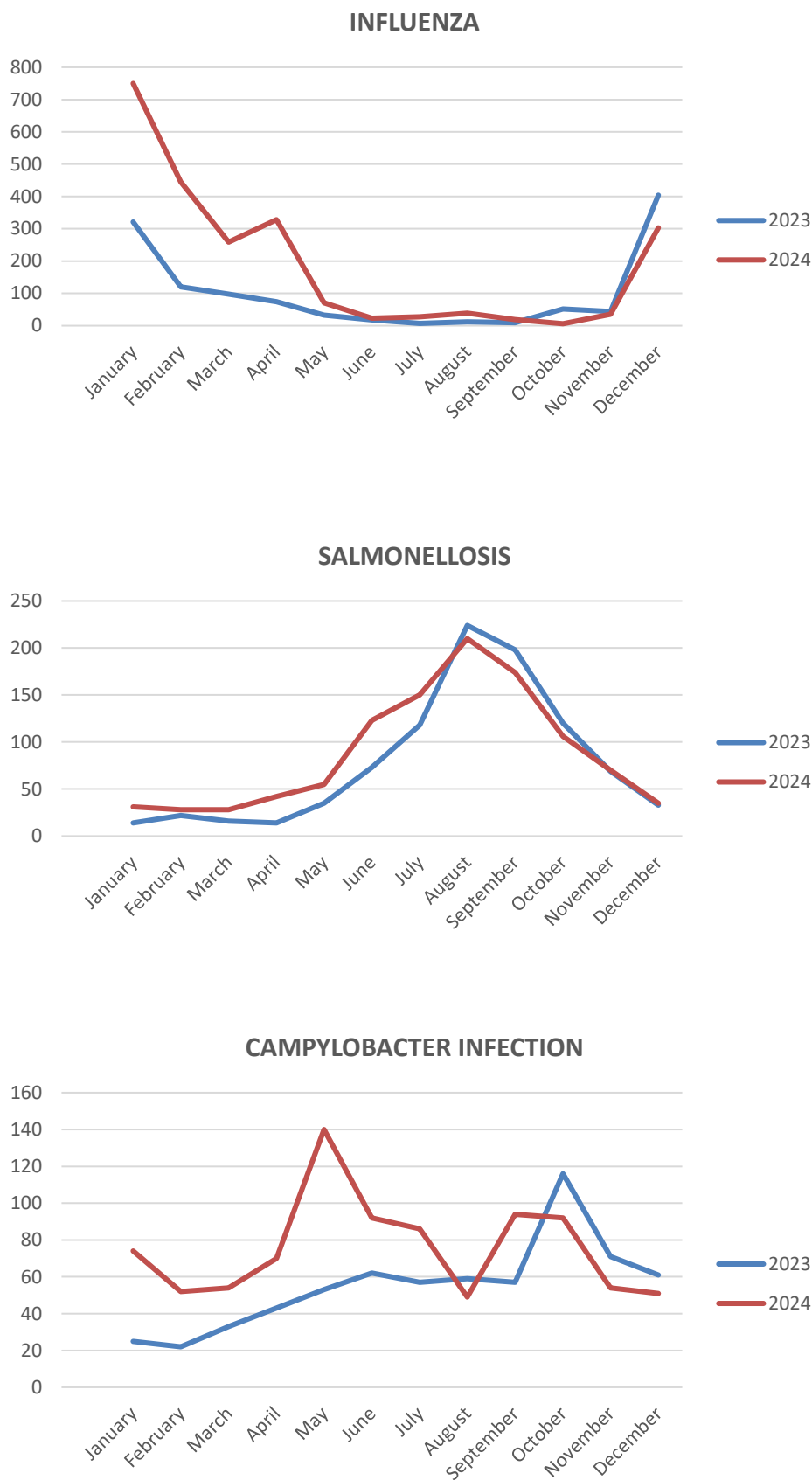
The bacterium Campylobacter is one of the most important causes of food borne diseases, and it is the second bacteriological reason of the food borne infections in Europe after Salmonella.

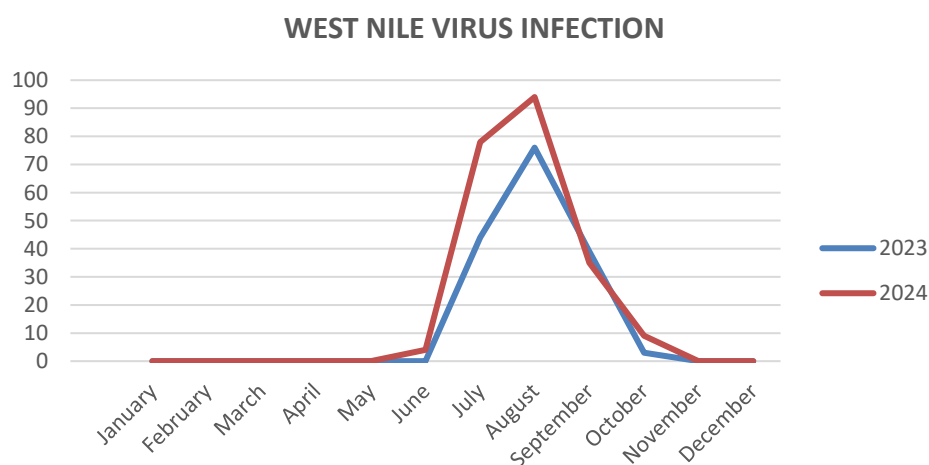
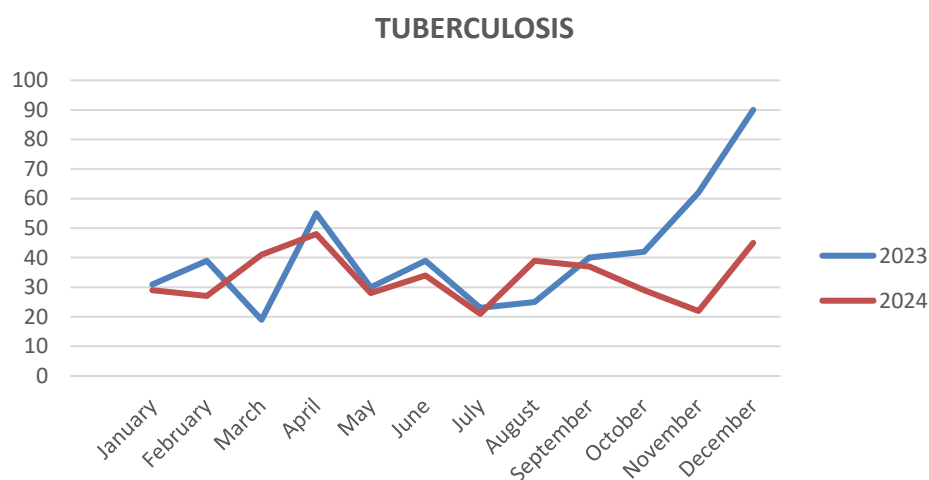
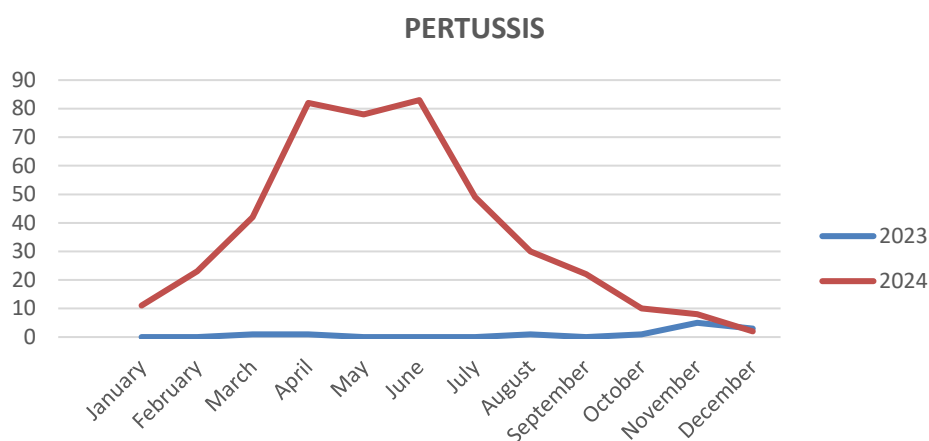
Influenza is a viral infection of the respiratory system caused by the influenza virus. It is distinguished into seasonal and new influenza.

Pertussis is a highly contagious bacterial infection of the respiratory system.

West Nile virus infection is most spread by the bite of an infected mosquito.

Graph 2. Seasonality of the most frequently reported cases of infectious diseases, years 2023-2024





In 2024, most cases of the six infectious diseases presented in Table 3 were recorded mainly in the Region of Attiki.

Specifically, most cases of **influenza** were reported in the Regions of Attiki (1,289), Thessalia (330) and Kentriki Makedonia (201), **salmonellosis** in the Regions of Attiki (356), Kentriki Makedonia (118) and Peloponnisos (86), **campylobacter infection** in the Attiki (525), Kentriki Makedonia (106) and Kriti (95) Regions. Most of **pertussis** cases were recorded in the Regions of Attiki (162) and Thessalia (91) and **tuberculosis** cases in Attiki (175), Kentriki Makedonia (43) and Anatoliki Makedonia and Thraki (26). Finally, **West Nile virus infection** recorded most cases in the Regions of Kentriki Makedonia (81) and Thessalia (61). (Table 3).

Table 3. Distribution of the most frequently reported cases of infectious diseases by Region, year 2024

REGION (NUTS 2)	TOTAL number of reported cases	Influenza (laboratory confirmed)	Salmonellosis	Campylo bacter infection	Pertussis	Tuberculosis	West Nile virus infection
Anatoliki Makedonia & Thraki	316	71	69	32	29	26	40
Kentriki Makedonia	709	201	118	106	56	43	81
Dytiki Makedonia	62	13	26	1	5	4	0
Ipeiros	127	19	72	9	4	8	4
Thessalia	712	330	84	56	91	24	61
Ionia Nisia	87	14	38	6	5	4	6
Dytiki Ellada	199	37	38	21	15	15	12
Stereia Ellada	257	81	71	30	14	22	3
Attiki	2,786	1,289	356	525	162	175	7
Peloponnisos	230	31	86	15	22	21	6
Voreio Aigaio	126	56	34	1	7	16	0
Notio Aigaio	110	68	7	9	6	5	0
Kriti	274	38	51	95	24	15	0
Region not reported	139	57	2	2	0	22	0
TOTAL	6,134	2,305	1,052	908	440	400	220

The total number of SARS-CoV-2 infection cases in the year 2024 amounted to 517,078 compared to 993,513 in 2023, presenting a decrease of 48%. The seasonality of this infection is presented in Table 4 and Graph 3.

Table 4. Number of reported cases of SARS-CoV-2 infection, years 2023-2024

Month	Number of reported cases by SARS-CoV-2	
	2023*	2024
January	185,454	114,538
February	85,747	30,772
March	72,430	14,975
April	51,739	19,035
May	58,691	10,422
June	20,942	30,161
July	21,744	64,900
August	53,378	58,394
September	89,104	57,389
October	112,639	51,851
November	82,491	33,924
December	159,154	30,717
TOTAL	993,513	517,078

*Revised data

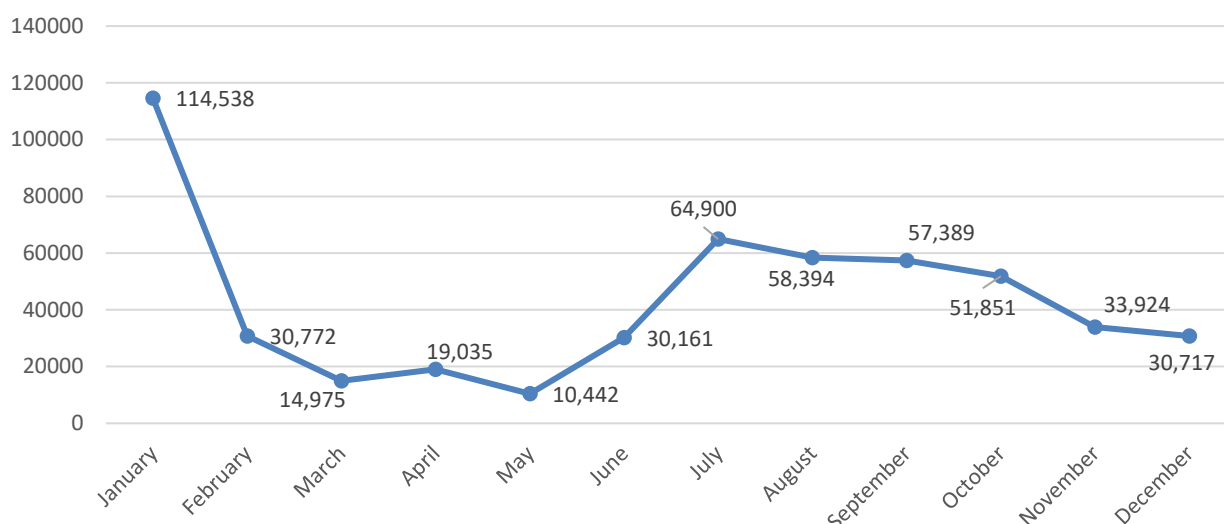
Graph 3. Number of cases of SARS-CoV-2 infection by month, year 2024

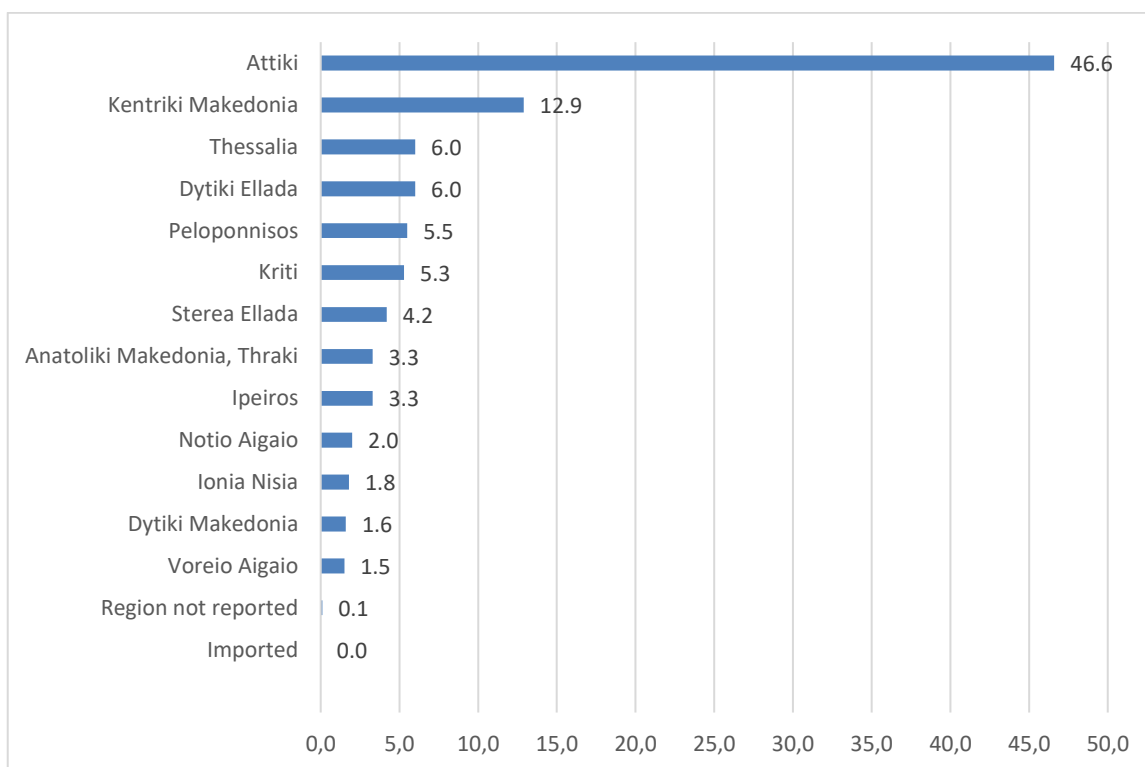
Table 5 and Graph 4 present the geographical distribution of SARS-CoV-2 virus infection by Region of diagnosis. The most cases were in the Region of Attiki (240,758) with a percentage of 46.6%, followed by the Regions of Kentriki Makedonia (66,551) with a percentage of 12.9% and Thessalia (31,204) and Dytiki Ellada (31,020) with a percentage of 6.0%.

Table 5. Number of reported cases of SARS-CoV-2 infection by Region (based on the geographical area of diagnosis), years 2023-2024

REGION	Number of reported cases 2023*	%	Number of reported cases 2024	%
	993,513	100.0	517,078	100.0
Anatoliki Makedonia, Thraki	37,401	3.8	16,896	3.3
Kentriki Makedonia	148,572	15.0	66,551	12.9
Dytiki Makedonia	19,654	2.0	8,501	1.6
Ipeiros	31,933	3.2	16,982	3.3
Thessalia	61,592	6.2	31,204	6.0
Ionia Nisia	15,104	1.5	9,22	1.8
Dytiki Ellada	50,999	5.1	31,02	6.0
Stereia Ellada	40,424	4.1	21,701	4.2
Attiki	448,119	45.1	240,758	46.6
Peloponnisos	48,843	4.9	28,577	5.5
Voreio Aigaio	13,618	1.4	7,665	1.5
Notio Aigaio	22,331	2.2	10,432	2.0
Kriti	54,326	5.5	27,247	5.3
Imported	0	0.0	0	0.0
Region not reported	597	0.1	324	0.1

*Revised data

Graph 4. Percentage (%) distribution of SARS-CoV-2 infection cases by Region, year 2024



EXPLANATORY NOTES

Survey on the follow-up of cases of infectious diseases

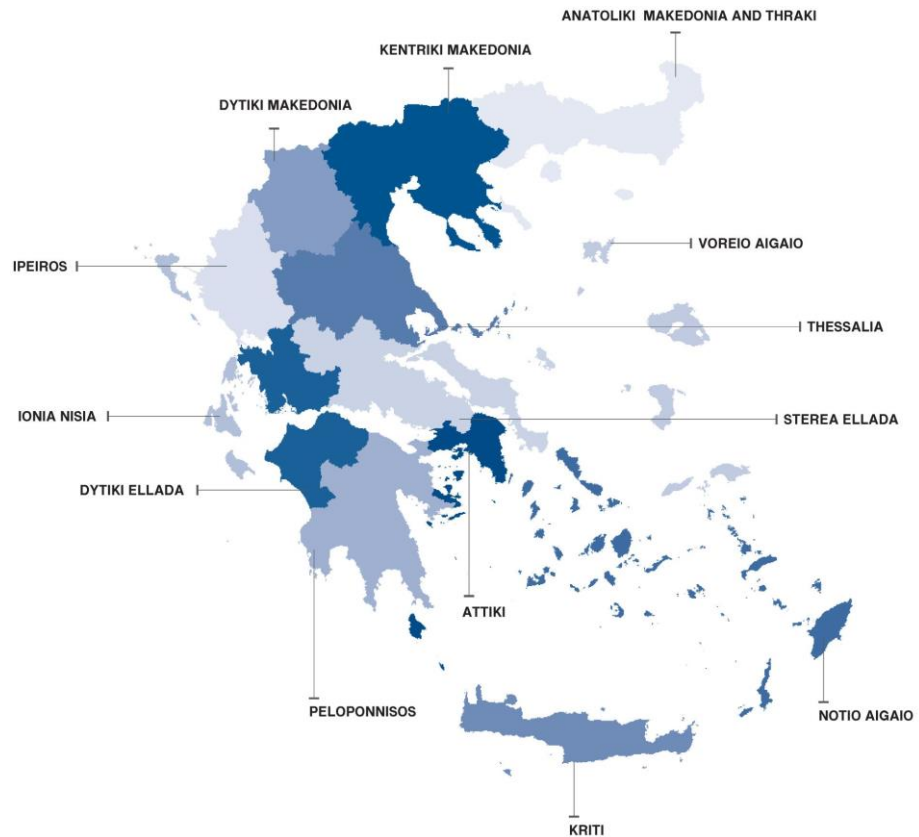
The survey has been conducted since 2004 on a yearly basis. The data are presented at a country and region level, aiming at covering national needs in statistical information.

Reference period

The data refers to the reported cases of infectious diseases on the month that these cases are clinically verified, during the reference year (dynamic database).

Coverage

Data are presented at regional level(NUTS 2).



Methodology

Data are collected by the National Public Health Organization (NPHO) of Greece every month and is processed by ELSTAT at the Region level.

References

More detailed information on the reported cases of infectious diseases can be found on the portal of ELSTAT (www.statistics.gr) at the following link: <http://www.statistics.gr/en/statistics/-/publication/SHE15/->