



# Report on COVID-19 deaths reported in Ireland

Report produced by Health Protection Surveillance Centre on 25/07/2022

This report includes data for COVID-19 cases notified on CIDR up to and including midnight on 23/07/2022 00:00:00 who have been notified as COVID-19 deaths

The [HPSC Epidemiology of COVID-19 Data Hub](#) provides a breakdown of notified deaths by county, age group and place of death. The Data Hub is updated each Wednesday.

Note: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system on 25/07/2022 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously reported figures.

Table 1: Summary characteristics of COVID-19 deaths notified in Ireland with date of death from 26/06/2022 00:00:00 to 23/07/2022 00:00:00

Characteristics	Number of deaths	
Total number of deaths	90	
Age	Mean age (Years)	78
	Median age (Years)	82

The number of deaths described in the above table relate only to COVID-19 cases who died within this time period and whose death has been reported to CIDR up to 25/07/2022. It does not include deaths of COVID-19 cases reported to CIDR in the last four weeks but with an earlier date of death. It also does not reflect the final number of deaths occurring for this period as the outcome may not yet have occurred, or is yet to be reported to CIDR.

**Table 2: Summary characteristics of COVID-19 deaths in Ireland, cases with a date of notification from 01/03/2020 to 23/07/2022 00:00:00**

Characteristics		Number of Deaths	Percentage
<b>Total number of deaths</b>		7,566	
<b>Sex</b>	Female	3,528	46.6
	Male	4,038	53.4
	Unknown	0	0.0
	M:F ratio	1.14	
<b>Case classification*</b>	Possible	235	3.1
	Probable	137	1.8
	Confirmed	7,194	95.1
<b>Healthcare Worker</b>	Yes	23	0.3
	No	5,624	74.3
	Unknown	1,919	25.4
<b>Underlying Conditions</b>	Yes	5,894	77.9
	No	759	10.0
	Unknown	913	12.1
<b>ICU Admission</b>	Yes	889	11.7
	No	6,677	88.3

\* [Case definition](#)

**Table 3: Number and percentage of COVID-19 deaths and mortality rate per 100,000 in Ireland by age group, cases with a date of notification from 01/03/2020 to 23/07/2022 00:00:00**

Characteristics		Number of Deaths	Percentage	Mortality rate per 100,000
<b>Age</b>	Median Age (Years)	82		
	Mean Age (Years)	80		
<b>Age group</b>	<25 yrs	14	0.2	0.7
	25-34 yrs	27	0.4	4.1
	35-44 yrs	73	1.0	9.8
	45-54 yrs	193	2.6	30.8
	55-64 yrs	474	6.3	93.1
	65-74 yrs	1,242	16.4	332.5
	75-84 yrs	2,472	32.7	1258.0
	85+ yrs	3,066	40.5	4538.5
	Unknown	5	0.1	
	Total	7,566	100	158.9

Please note that due to the small number of persons who died due to COVID-19 in the age groups 0-25 years this information has been aggregated in order to protect patient confidentiality

**Table 4: Number and percentage of COVID-19 deaths and mortality rate per 100,000 in Ireland by county of notification, cases with a date of notification from 01/03/2020 to 23/07/2022 00:00:00**

County	Number of deaths	Percentage	Mortality rate per 100,000
Carlow	104	1.4	182.7
Cavan	156	2.1	204.8
Clare	187	2.5	157.4
Cork	675	8.9	124.3
Donegal	272	3.6	170.9
Dublin	2,508	33.1	186.1
Galway	251	3.3	97.3
Kerry	161	2.1	109.0
Kildare	421	5.6	189.2
Kilkenny	134	1.8	135.0
Laois	123	1.6	145.2
Leitrim	41	0.5	127.9
Limerick	350	4.6	179.6
Longford	48	0.6	117.4
Louth	283	3.7	219.6
Mayo	296	3.9	226.8
Meath	246	3.3	126.1
Monaghan	121	1.6	197.1
Offaly	113	1.5	144.9
Roscommon	105	1.4	162.7
Sligo	53	0.7	80.9
Tipperary	176	2.3	110.3
Waterford	169	2.2	145.5
Westmeath	130	1.7	146.4
Wexford	226	3.0	150.9
Wicklow	217	2.9	152.4

**Table 5: Place of death for COVID-19 deaths in Ireland, cases with a date of notification from 01/03/2020 to 23/07/2022 00:00:00**

Place of death	Number of deaths	Percentage
Hospital	4,040	53.4
Residential Institution*	2,385	31.5
Hospice	90	1.2
Home	421	5.6
Other	135	1.8
Unknown	495	6.5

\*Residential institution includes: community hospital/long stay unit, homeless facility, mental health facility and nursing homes.

**Table 6: Summary of COVID-19 deaths linked to outbreaks in Ireland, cases with a date of notification from 01/03/2020 to 23/07/2022 00:00:00**

		Number of Deaths	Percentage of total deaths	Percentage of deaths linked to outbreaks
<b>Total number of deaths</b>		7,566	100.0	
<b>Deaths linked to outbreaks</b>		4,222	55.8	100.0
<b>Outbreaks by location</b>	Nursing homes	2,580	34.1	61.1
	Hospital	1,043	13.8	24.7
	Community Hospitals/Long-stay units	200	2.6	4.7
	Residential institutions	121	1.6	2.9
	Other locations*	278	3.7	6.6

\* Other locations include community outbreak, extended family, hotel, other, other healthcare service, private house, public house, religious/other ceremony, workplace

A death linked to an outbreak in a particular setting does not of itself indicate that transmission occurred within that setting. A case may be detected as part of an outbreak investigation, and associated with an outbreak, despite exposure and transmission having occurred elsewhere.

**Table 7: Number of COVID-19 deaths in Ireland by month of death, cases with a date of notification from March 2020 to July 2022**

Year	Month	Number of deaths *
2020	March	129
2020	April	1,160
2020	May	363
2020	June	67
2020	July	17
2020	August	7
2020	September	39
2020	October	132
2020	November	190
2020	December	195
2021	January	1,423
2021	February	893
2021	March	258
2021	April	103
2021	May	44
2021	June	21
2021	July	23
2021	August	94
2021	September	193
2021	October	240
2021	November	274
2021	December	262
2022	January	314
2022	February	223
2022	March	324
2022	April	347
2022	May	122
2022	June	98
2022	July	73

Number of deaths for July 2022 is incomplete.

\* Date of death reported for 7,628 of the deaths.

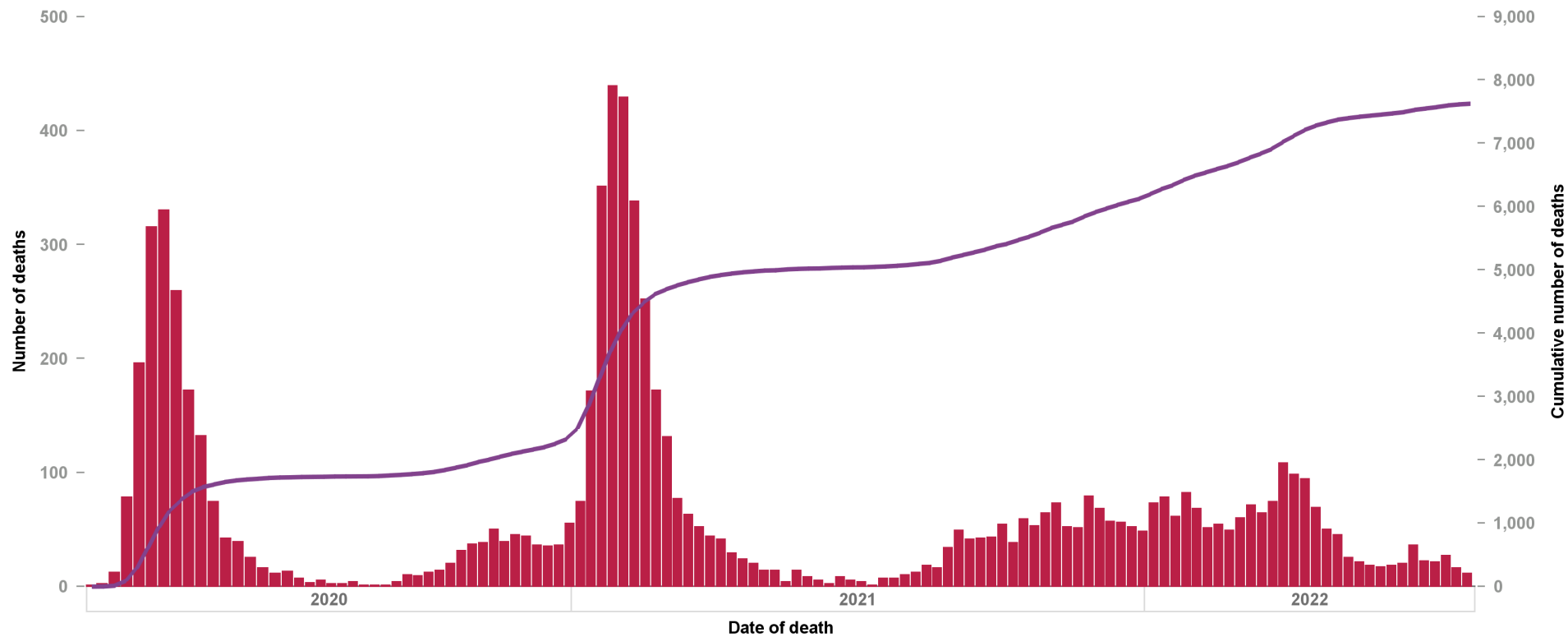


Figure 1: Total number of COVID-19 deaths in Ireland and cumulative number by week of death, cases with a date of notification from 01/03/2020 to 23/07/2022 00:00:00. Date of death reported for 7,628 of deaths.

## **Acknowledgments**

Sincere thanks are extended to all those who are participating in the collection of data and reporting of data used in these reports. This includes the HSE COVID-19 Contact Management Programme (CMP), staff in ICU units, notifying clinicians, laboratory staff, public health doctors, nurses, surveillance scientists, microbiologists and administrative staff.

**Report prepared by COVID-19 Epidemiology Team, HPSC**

## Technical Notes

### 1. Data Source

Data are based on statutory notifications and were extracted from Computerised Infectious Disease Reporting (CIDR) system at 09:46 on 25/07/2022. Data are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

### 2. Population Data

Population data were taken from Census 2016. Data were aggregated into the following age groups for the analysis of deaths for the entire pandemic: 0-24 years, 25-34 years, 35-44 years, 45-54 years, 55-64 years, 65-74 years, 75-84 years and  $\geq 85$  years. Data were aggregated into the following age groups for the analysis of deaths with date of death in the past 7 days: 0-64 years, 65-74 years, 75-84 years and  $\geq 85$  years.

### 3. Definition of a COVID-19 death used by HPSC

For surveillance purposes, COVID-19 deaths include deaths in all possible, probable and confirmed COVID-19 cases (as per the COVID-19 case definition) and all should be notified, unless there is a clear alternative cause of death that cannot be related to COVID-19 infection (e.g. trauma). There should be no period of complete recovery\* from COVID-19 between the illness and death. All COVID-19 deaths are notified regardless of the setting, including home, community and hospital settings. HPSC reports all deaths among these COVID-19 cases as outlined above and does not just confine the death reporting to those who die within 28 days of a positive test. This is in line with how COVID-19 cases are reported by the majority of European countries and follows WHO guidance for COVID-19 death surveillance.

\*Please note that discharge from ICU or hospital is not in itself evidence of recovery. To determine if the case had recovered, it should be based on clinical assessment or alternatively a period of  $\geq 3$  months must have elapsed since the case was initially diagnosed with COVID-19 and the case must have no evidence of COVID-19 infection prior to death as assessed by a clinician.

Deaths not reported as COVID-19 deaths:

1. Persons with COVID-19 may die directly due to accidents. Such deaths are not due to COVID-19 and should not be certified as such. This decision not to certify as COVID-19 death will be based on clinical judgement.
2. In some instances, a death due to COVID-19 may not be attributed to another disease (e.g. cancer) and would be counted as a COVID-19 death independently of pre-existing conditions that are suspected of triggering a severe course of COVID-19.

More resources:

[COVID-19 interim case definition](#)

[Epidemiology of COVID-19 in Ireland Frequently Asked Questions](#)