



Weekly report on COVID-19 deaths reported in Ireland

Report produced by Health Protection Surveillance Centre on 08/12/2021

This report includes data for COVID-19 cases notified on CIDR up to and including midnight on 07/12/2021 who have been notified as COVID-19 deaths

Note: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system on 08/12/2021 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 01/12/2021 to 07/12/2021

Characteristics	Number of deaths	
Total number of deaths	18	
Age	Mean age (Years)	71
	Median age (Years)	75

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 08/12/2021. It does not include deaths of COVID-19 cases reported to CIDR in the last week 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 07/12/2021

Characteristics		Number of Deaths	Percentage
Total number of deaths		5,788	
Sex	Female	2,702	46.7
	Male	3,086	53.3
	Unknown	0	0.0
	M:F ratio	1.14	
Case classification*	Possible	176	3.0
	Probable	98	1.7
	Confirmed	5,514	95.3
Healthcare Worker	Yes	19	0.3
	No	4,874	84.2
	Unknown	895	15.5
Underlying Conditions	Yes	4,912	84.9
	No	484	8.4
	Unknown	392	6.8
ICU Admission	Yes	694	12.0
	No	5,094	88.0

* [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 07/12/2021

Characteristics		Number of Deaths	Percentage	Mortality rate per 100,000
Age	Median Age (Years)	82		
	Mean Age (Years)	80		
	Age range (Years)	14-105		
Age group	<25 yrs	7	0.1	0.4
	25-34 yrs	17	0.3	2.6
	35-44 yrs	46	0.8	6.2
	45-54 yrs	129	2.2	20.6
	55-64 yrs	354	6.1	69.6
	65-74 yrs	955	16.5	255.7
	75-84 yrs	1,933	33.4	983.7
	85+ yrs	2,344	40.5	3469.8
	Unknown	3	0.1	
	Total	5,788	100	121.5

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 07/12/2021

County	Number of deaths	Percentage	Mortality rate per 100,000
Carlow	77	1.3	135.2
Cavan	123	2.1	161.5
Clare	141	2.4	118.7
Cork	499	8.6	91.9
Donegal	220	3.8	138.2
Dublin	2,011	34.7	149.3
Galway	161	2.8	62.4
Kerry	92	1.6	62.3
Kildare	351	6.1	157.7
Kilkenny	92	1.6	92.7
Laois	96	1.7	113.3
Leitrim	30	0.5	93.6
Limerick	273	4.7	140.1
Longford	37	0.6	90.5
Louth	225	3.9	174.6
Mayo	226	3.9	173.2
Meath	181	3.1	92.8
Monaghan	106	1.8	172.7
Offaly	80	1.4	102.6
Roscommon	72	1.2	111.6
Sligo	41	0.7	62.6
Tipperary	119	2.1	74.6
Waterford	122	2.1	105.0
Westmeath	90	1.6	101.4
Wexford	161	2.8	107.5
Wicklow	162	2.8	113.7

Table 5: Place of death for COVID-19 deaths in Ireland, cases with a date of notification from 01/03/2020 to 07/12/2021

Place of death	Number of deaths	Percentage
Hospital	2,984	51.6
Residential Institution*	2,021	34.9
Hospice	60	1.0
Home	249	4.3
Other	88	1.5
Unknown	386	6.7

*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 07/12/2021

	Number of Deaths	Percentage
Deaths linked to outbreaks	3,611	62.4
Outbreaks by location		
Nursing homes	2,227	61.7
Hospital	862	23.9
Community Hospitals/Long-stay units	146	4.0
Residential institutions	109	3.0
Other locations*	267	7.4

* 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 December 2021

Year	Month	Number of deaths *
2020	March	129
2020	April	1,161
2020	May	363
2020	June	67
2020	July	17
2020	August	7
2020	September	39
2020	October	132
2020	November	190
2020	December	196
2021	January	1,420
2021	February	892
2021	March	258
2021	April	101
2021	May	43
2021	June	20
2021	July	22
2021	August	87
2021	September	177
2021	October	207
2021	November	214
2021	December	18

* Date of death reported for 5,760 of the deaths.
 Number of deaths for December 2021 is incomplete.

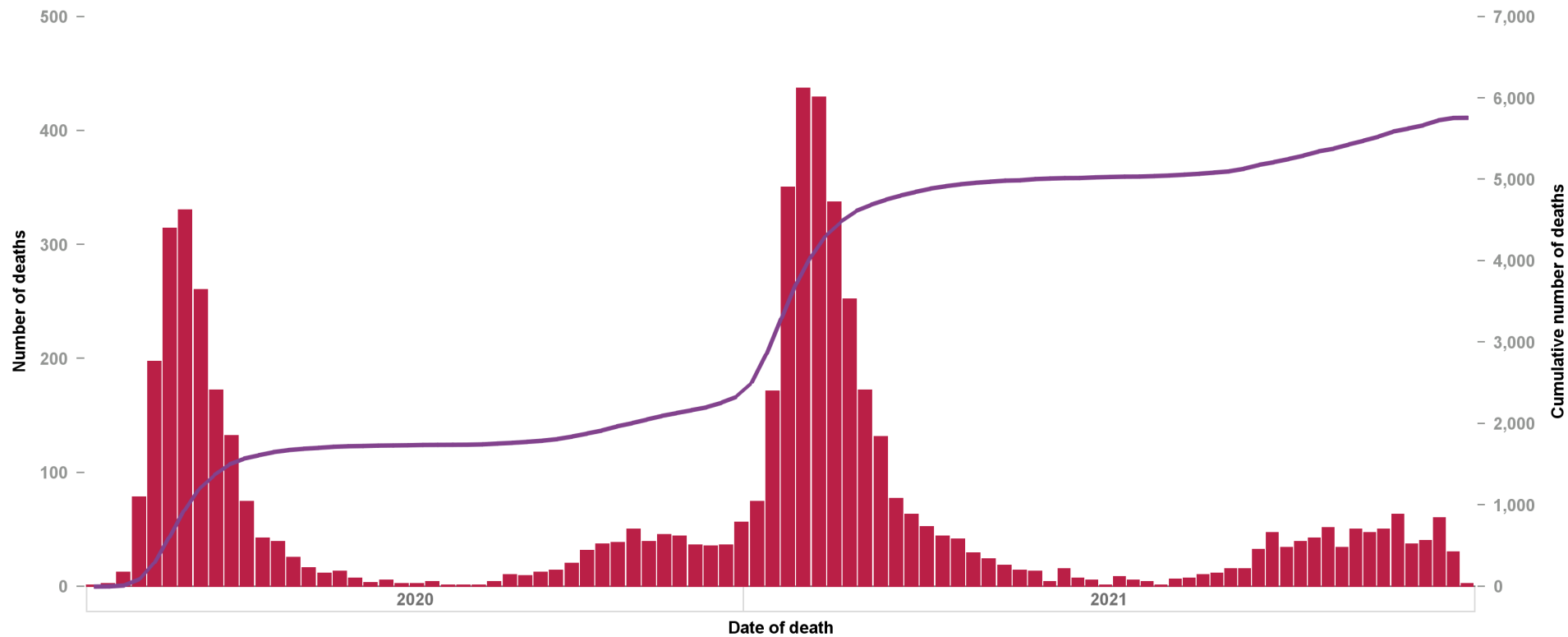


Figure 1: Total number of COVID-19 deaths in Ireland and cumulative number by week of death, cases with a date of notification from 01/03/2020 to 07/12/2021. Date of death reported for 5,760 of deaths.

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 08:12 on 08/12/2021. 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 ≥ 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 ≥ 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 ≥ 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](#)