

Provisional statistics Statistical bulletin

# Weekly Deaths in Northern Ireland Death Registration Statistics including Covid-19 by Date of Death

Week ending 26<sup>th</sup> March 2021 (Week 12)

## Summary

- This bulletin provides details on the provisional number of deaths registered in Northern Ireland during the week 20<sup>th</sup> March to 26<sup>th</sup> March 2021 (referred to as week 12).
- Provisional estimates show that in week 12 of 2021, there were fewer deaths (-8) registered in Northern Ireland (section 1) than there has typically been in the same week in recent years.
- Overall, 2,908 Covid-19 related deaths had occurred (section 2) in Northern Ireland by 26<sup>th</sup> March, 13 of which occurred in the week ending 26<sup>th</sup> March.
- The 17<sup>th</sup> January saw the greatest number of Covid-19 related deaths occurring in any one day since the start of the pandemic (35). The 7-day moving average shows a downwards trend since then and is now similar to the 7-day average last seen in mid-October 2020.

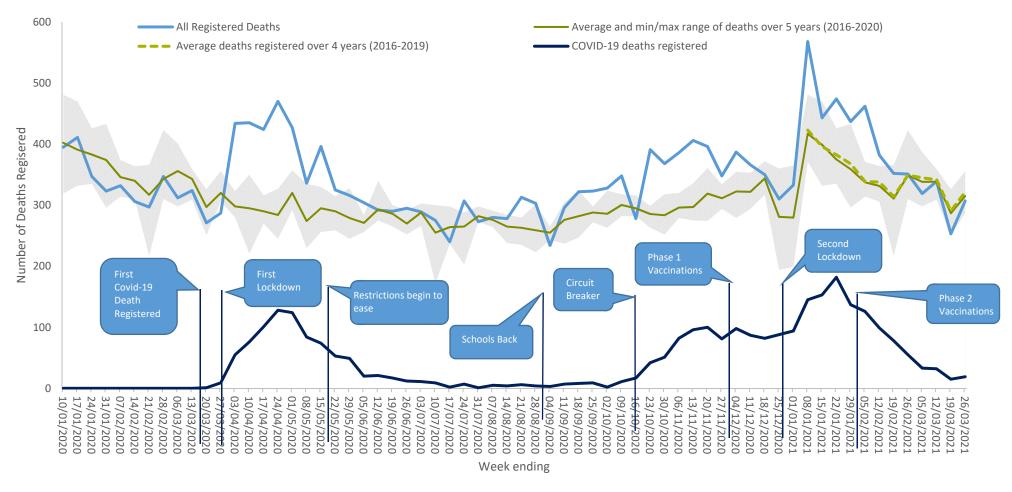
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# Section 1: Deaths by Date of Registration

In week 12 of 2021, there were fewer deaths registered in Northern Ireland than there have typically been in the same week in recent years.

Figure 1: Weekly number of deaths registered in Northern Ireland



Note: The average over 5 years shown in the chart relate to 2015-2019 for all data points up to 1st January 2021, and to 2016-2020 thereafter. The average over 4 years shown in the chart relate to 2016-2019 for all data points from the 2nd January onwards to separately illustrate the impact of the Covid pandemic which is included within the standard 5 year average.

#### Key Points – Date of Registration

- The provisional number of total deaths registered in Northern Ireland in the week ending 26<sup>th</sup> March 2021 (week 12) was 307, 54 more than the previous week (253) and 8 less than the 5 year average (315) (Table 1). Please note that registration offices were closed on 17th March due to the public holiday so this may have impacted figures in week 11.
- 19 deaths mentioning Covid-19 on the death certificate were <u>registered</u> in week 12 of 2021, accounting for 6.2% of all deaths in that week and bringing the total number of Covid-19 related deaths <u>registered</u> from the start of the pandemic to 2,905 by 26<sup>th</sup> March 2021.
- From the start of the pandemic (from the first Covid-19 related death being registered on 19<sup>th</sup> March 2020) to 26<sup>th</sup> March 2021, males and females accounted for similar proportions of all deaths registered (males: 49.8%, females: 50.2%) and Covid-19 related deaths registered (males: 51.1%; female 48.9%). (Figure 3).
- Over the year to 26<sup>th</sup> March 2021, the 75 years and over age-group accounted for almost two-thirds (65.6%) of all deaths and over three-quarters (76.4%) of Covid-19 related deaths (Figure 4).
- Over the period of the pandemic, Armagh City, Banbridge & Craigavon and Mid-Ulster Local Government Districts have had higher proportions of Covid-19 related deaths (12.1% and 8.2% respectively) compared with their share of all deaths in Northern Ireland (10.4% and 6.4% respectively).

### Background

Deaths occurring in Northern Ireland are registered on the Northern Ireland General Register Office's Registration System (NIROS). Daily extracts of registration records from NIROS are processed by the NISRA Vital Statistics Unit. Provisional data on deaths registered in each week (ending on a Friday) are compiled at the end of the following week\*.

Cause of death coding to the <u>ICD-10 classification</u> is carried out by the Office for National Statistics (ONS) on NISRA's behalf on a quarterly basis. This means that quarterly statistics are the first output to report deaths according to underlying cause. These statistics are currently available up to <u>Quarter 4 2020</u>. The statistics for Quarter 1 2021 will be published in June 2021.

To meet user needs, NISRA publishes timely but provisional counts of death registrations in Northern Ireland in the weekly deaths provisional dataset. Weekly totals are presented alongside a 5-year weekly average as well as the lowest and highest number of deaths for the same week over the last five years. To allow time for registration and processing, these figures are published seven days after the week ends. The report continues to be supplemented with information on the number of Covid-19 deaths (where Covid-19 or suspected Covid-19 was mentioned anywhere on the death certificate, including in combination with other health conditions). Based on user feedback the inclusion of respiratory deaths has been removed from the bulletin in 2021, however the number of deaths registered with a mention of a respiratory condition and/or Covid-19 is available from Table 1 in the accompanying spreadsheet.

#### **Provisional Data**

Data provided in this bulletin are provisional and subject to change. There may, therefore, be discrepancies with data previously published in light of reviews of individual cases which impact on recorded cause of death.

#### Impact of Covid-19 on 5-year average comparisons

Excess deaths are calculated by comparing the current year to the five-year average from previous years. This is based on the number of death registrations recorded for each corresponding week in the previous five years. Usually, the previous five years are used to compare against the most recent year to assist understanding of excess deaths, thus in 2020, excess deaths were measured by comparing the 2020 figure against the average for 2015-2019. For 2021 the comparative years are 2016-2020, however, an additional four-year average of 2016-2019 has been added to directly compare the excess deaths without the impact of the pandemic. For users wishing to keep the comparator year constant in order to analyse the full effect of the pandemic, 2021 excess deaths compared to 2015-2019 averages are given in associated spreadsheets.

#### **Data over Public Holidays**

The number of deaths registered in 2020 Weeks 11, 14, 15, 16, 18, 19, 21, 22, 28, 29, 35, 36, 51 and 52, and 2021 Weeks 1 and 11 were affected by the public holidays at St Patrick's Day, Easter, early and late May, July, August, Christmas and New Year Bank Holidays. Registrations for weeks following a bank holiday may be higher than normal as registrars deal with backlogs from the previous weeks. Care should therefore be taken in interpreting weekly data around the occurrence of bank holidays as it may not give a reliable indication of the trend.

#### Background Changes to the death certification and registration process during the Covid-19 pandemic

During the Covid-19 pandemic, a number of changes have been made to the usual process of certifying and registering a death which have been enabled by the Coronavirus Act 2020. More detail is available from the <u>Department of Health website</u>. This includes guidance to medical practitioners on how to complete the Medical Certificate of Cause of Death (MCCD) in Covid-19 related cases. It also provides information on who can complete the MCCD, upon which these weekly statistics are based.

The process by which an informant registers a death has also been adapted. Usual practice is that the informant attends their local Registration Office to register a death, bringing the MCCD with them. During the pandemic, the MCCD can be sent to the General Register Office (GRO) electronically, directly from the hospital or General Practitioner certifying the death. Information required from the informant can be provided to GRO by telephone and no signature is required from the informant.

<sup>\*</sup> Bank Holidays or system unavailability could affect the number of registrations made within certain weeks.

## Latest death registration statistics

Table 1 shows that the provisional number of deaths registered in Northern Ireland in the week ending 26<sup>th</sup> March 2021 (week 12) was 307; 54 more (21.3%) than in week 11 of 2021 (253), and 8 less than the 5-year average for corresponding weeks in 2016-2020 (315).

Table 1: All Deaths registered¹ weekly in Northern Ireland, week 1 of 2021 – 26<sup>th</sup> March 2021<sup>P</sup>

		2021 <sup>P</sup>	Average number	2016 – 2020 Range <sup>2</sup>		'Excess Deaths'	
			of deaths		No. of deaths		
		<b>Total number</b>	registered in Minimum Maximum		year to date		
		of deaths	corresponding number of number of		above 2016-		
Registration	Week ending	registered in	week of 2016 to	deaths	deaths <sup>3</sup>	2020 5-year	
week	(Friday)	week	2020 average <sup>2,3</sup>			average <sup>2</sup>	
1	08/01/2021	568	417	371	481	151	
2	15/01/2021	443	399	332	470	44	
3	22/01/2021	474	375	335	426	99	
4	29/01/2021	437	359	296	433	78	
5	05/02/2021	462	337	314	371	125	
6	12/02/2021	382	332	306	364	50	
7	19/02/2021	352	311	217	366	41	
8	26/02/2021	351	349	310	423	2	
9	05/03/2021	319	338	298	387	-19	
10	12/03/2021	339	338	309	359	1	
11	19/03/2021	253	287	251	326	-34	
12	26/03/2021	307	315	287	356	-8	
Year-to-date (week 1-12) 2021		4,687	4,158			529	

Note: Data for previous years are available from the <u>Historical Weekly Deaths tables</u>.

P Weekly published data are provisional.

<sup>1</sup> These data are based on registration dates of deaths, not occurrences. The majority of deaths are registered within five days in Northern Ireland.

<sup>2</sup> The 5-year average is not a whole number so comparisons with 2021 week-on-week can vary by up to one death due to rounding.

<sup>3</sup> In blue, where total weekly deaths have exceeded the five year weekly maximum.

Table 2 shows that the total number of death registrations mentioning Covid-19 on the death certificate in week 12 was 19, an increase of 4 deaths from the previous week (15). While this is the first rise in the registration based series following a decline over eight consecutive weeks, registration offices were closed on the 17th March public holiday which may have impacted figures in both weeks 11 and 12. 6.2% of all deaths registered in week 12 mentioned Covid-19 on the death certificate. This is slightly higher than the previous week (5.9%) which had the lowest weekly proportion of all deaths since the week ending 16<sup>th</sup> October 2020 (6.1%). This means that since the beginning of the pandemic, 2,905 Covid-19 related deaths have been registered, which equates to 15.7% of all deaths registered since 19<sup>th</sup> March 2020.

Table 2: Covid-19 deaths registered weekly in Northern Ireland, week 1 of 2021 – 26th March 2021 P

Registration week	Week ending (Friday)	Total number of deaths registered in week	Covid-19 <sup>2</sup> deaths registered in week	Proportion of deaths related to COVID (%)	
1	08/01/2021	568	145	25.5	
2	15/01/2021	443	153	34.5	
3	22/01/2021	474	182	38.4	
4	29/01/2021	437	137	31.4	
5	05/02/2021	462	126	27.3	
6	12/02/2021	382	99	25.9	
7	19/02/2021	352	78	22.2	
8	26/02/2021	351	55	15.7	
9	05/03/2021	319	33	10.3	
10	12/03/2021	339	32	9.4	
11	19/03/2021	253	15	5.9	
12	26/03/2021	307	19	6.2	
Year-to-d	ate (week 1-12) 2021	4,687	1,074	22.9	
Total since	beginning of Pandemic⁴	18,549	2,905	15.7	

Note: Data for previous years are available from the <u>Historical Weekly Deaths tables</u>

<sup>&</sup>lt;sup>P</sup>Weekly published data are provisional.

<sup>&</sup>lt;sup>1</sup> These data are based on registrations of deaths, not occurrences. The majority of deaths are registered within five days in Northern Ireland.

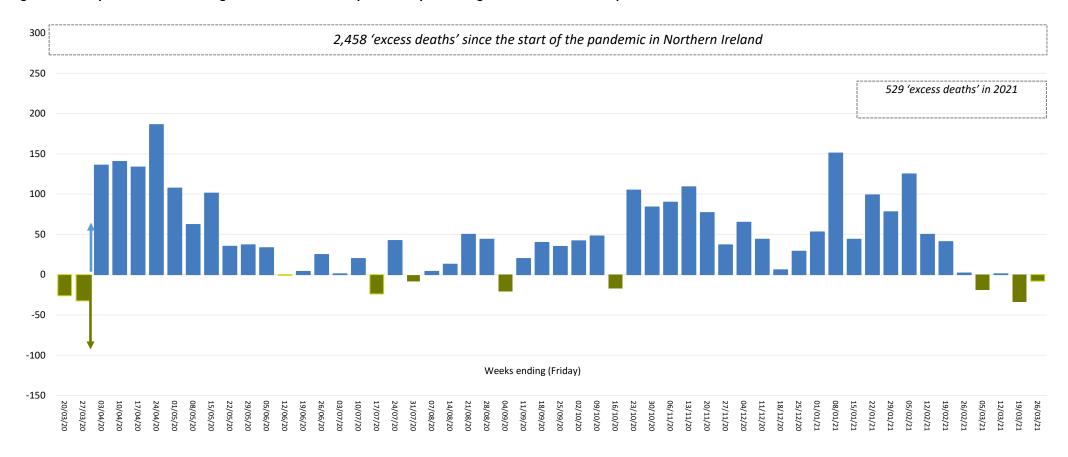
<sup>&</sup>lt;sup>2</sup> Covid-19 deaths include any death where Coronavirus or Covid-19 (suspected or confirmed) was mentioned anywhere on the death certificate.

<sup>&</sup>lt;sup>3</sup> Figures may not sum due to rounding.

<sup>&</sup>lt;sup>4</sup>First registration of Covid-19 related death was 19<sup>th</sup> March 2020 (week 11)

In the first twelve weeks of 2021 there have been 529 excess deaths compared with the 5 year average for corresponding weeks in 2016-2020. Since the beginning of the pandemic, there have been 2,458 net excess deaths.

Figure 2: Weekly number of deaths registered above or below previous 5-year average\* from the start of the pandemic in Northern Ireland

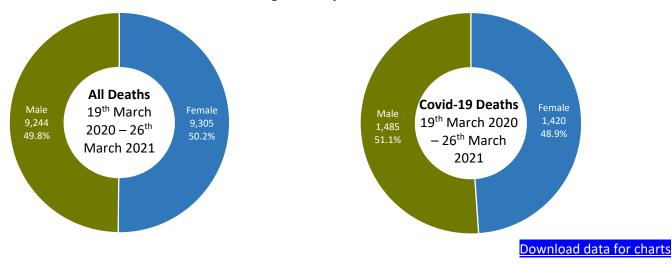


<sup>\*</sup>Note: The 5 year average used in the chart relates to 2015-2019 for all data points up to 1st January 2021, and to 2016-2020 thereafter.

## Deaths registered by sex

Since the first Covid-19 related death was registered on 19<sup>th</sup> March 2020 until 26<sup>th</sup> March 2021, males and females accounted for a similar proportion of both all deaths registered (males: 49.8% (9,244), females: 50.2% (9,305)) and of Covid-19 related deaths registered (males: 51.1% (1,485); female 48.9% (1,420)). A weekly breakdown by sex is provided in the accompanying spreadsheet.

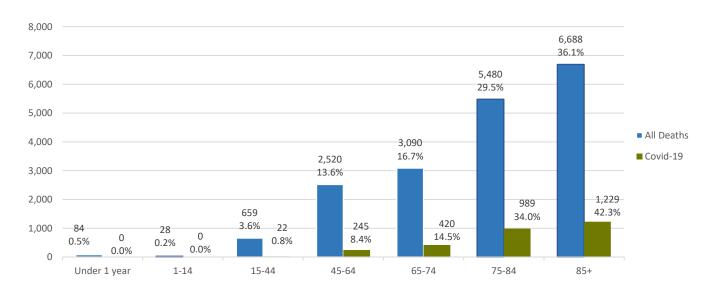
Figure 3: All deaths and Covid-19 related deaths registered by sex: 19th March 2020 - 26th March 2021



## Deaths registered by age-group

From the start of the pandemic to 26<sup>th</sup> March 2021, the 75 years and over age-group accounted for almost two-thirds (65.6%, or 12,168) of all deaths and over three-quarters (76.4%, or 2,218) of Covid-19 related deaths. A weekly breakdown for 2021 is provided in the accompanying spreadsheet

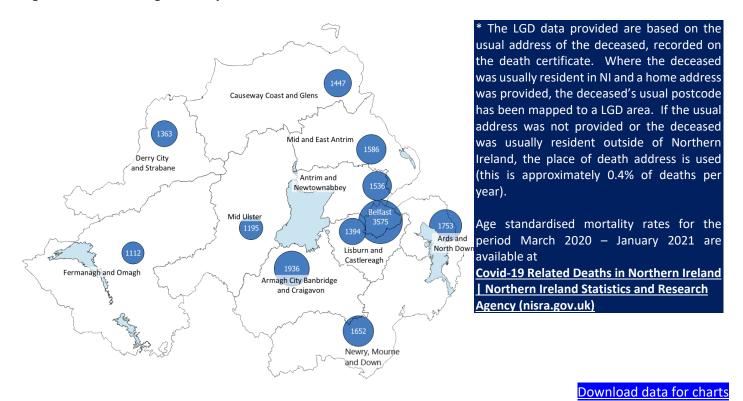
Figure 4: All deaths and Covid-19 related deaths registered by age-group: 19th March 2020 - 26th March 2021



### Deaths registered by Local Government District

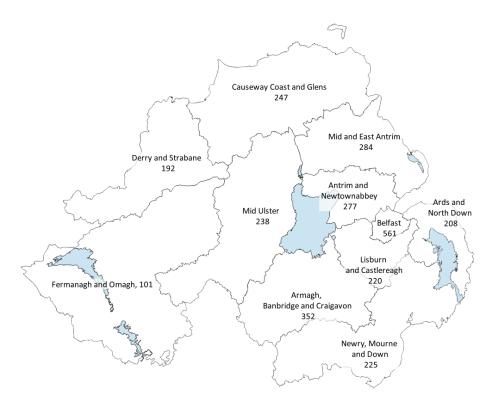
Those with an address\* in Belfast Local Government District (LGD) accounted for one in five of all 18,549 deaths registered from the start of the pandemic to 26<sup>th</sup> March 2021 (3,575; 19.3%).

Figure 5: All deaths registered by LGD\*: 19th March 2020 – 26th March 2021



For all Covid-19 related deaths since the start of the pandemic, Fermanagh and Omagh LGD had the fewest registered over the period 19<sup>th</sup> March – 26<sup>th</sup> March 2021 (101), and Belfast had the most registered in the same period (561).

Figure 6: Covid-19 related deaths registered by LGD: 19th March 2020-26th March 2021



\* Table 7 in the <u>accompanying</u>
<u>spreadsheet</u> shows the numbers of
weekly registered Covid-19 deaths which
took place in care homes, disaggregated
by Local Government District.

Table 3 shows the share of Northern Ireland deaths across LGDs and the share of all Covid-19 registered deaths since the start of the pandemic. Ards & North Down and Fermanagh & Omagh both have relatively low shares of registered Covid-19 related deaths (7.2% and 3.5% of all Covid-19 related deaths respectively) when compared to the proportion of Northern Ireland deaths registered in those areas (2.3 and 2.5 percentage points respectively lower than their share of all deaths).

Conversely, Armagh City, Banbridge & Craigavon and Mid-Ulster have higher proportions of Covid-19 related deaths compared with their share of all deaths in Northern Ireland (1.7 and 1.8 percentage points higher for each).

Table 3: All deaths and Covid-19 related deaths registered by LGD: 19th March 2020 – 26th March 2021

	Number of all deaths	% of all deaths	Number of Covid deaths	% of Covid deaths	% Difference in share of Covid-19 related deaths and all deaths (pps)
Antrim and Newtownabbey	1,536	8.3%	277	9.5%	1.3
Armagh City, Banbridge & Craigavon	1,936	10.4%	352	12.1%	1.7
Belfast	3,575	19.3%	561	19.3%	0.0
Causeway Coast & Glens	1,447	7.8%	247	8.5%	0.7
Derry City & Strabane	1,363	7.3%	192	6.6%	-0.7
Fermanagh & Omagh	1,112	6.0%	101	3.5%	-2.5
Lisburn & Castlereagh	1,394	7.5%	220	7.6%	0.1
Mid & East Antrim	1,586	8.6%	284	9.8%	1.2
Mid Ulster	1,195	6.4%	238	8.2%	1.8
Newry, Mourne & Down	1,652	8.9%	225	7.7%	-1.2
Ards & North Down	1,753	9.5%	208	7.2%	-2.3
Total	18,549	100.0%	2,905	100.0%	

<sup>\*</sup>may not sum due to rounding

## Section 2: Covid-19 Related Deaths by Date of Death

This section of the bulletin provides provisional, updated totals of Covid-19 related **deaths occurring (based on the date of death)** from 18<sup>th</sup> March 2020 to 26<sup>th</sup> March 2021, including those registered up to and including 31<sup>st</sup> March. Overall, 2,908 Covid-19 related deaths had occurred in Northern Ireland by 26<sup>th</sup> March, 13 of which occurred in the week ending 26<sup>th</sup> March. The 17<sup>th</sup> January saw the greatest number of Covid-19 related deaths occurring in any one day since the start of the pandemic (35). Figure 7 contains a simple 7 day moving average showing the trend in Covid-19 deaths by smoothing daily fluctuations.

#### Key Points –Covid-19 related deaths based on date of death<sup>1</sup>

- 2,908 deaths mentioning Covid-19 on the death certificate have occurred in total from 18<sup>th</sup> March 2020 to 26<sup>th</sup> March 2021 (including those registered up to and including 31<sup>st</sup> March). The comparative number of deaths reported by the Department of Health (DoH) to 26<sup>th</sup> March<sup>2</sup> was 2,108 (see page 16 for definitions).
- 13 Covid-19 related deaths occurred in week ending 26<sup>th</sup> March, a decrease of 2 deaths from the previous week and continuing the general downward trend since the peak of 178 Covid-19 related deaths in the week ending 15<sup>th</sup> January.
- Of these 2,908 deaths involving Covid-19, 1,910 (65.7%) occurred in hospital<sup>3</sup>, 770 (26.5%) occurred in care homes, 14 (0.5%) occurred in hospices and 214 (7.4%) occurred at residential addresses or another location (Figure 8). (see Table 11 of accompanying spread sheet)
- The 784 deaths in care homes and hospices involved 177 separate establishments.

<sup>&</sup>lt;sup>1</sup>The majority of deaths are registered within five days in NI; data based on date of death are subject to ongoing change.

<sup>&</sup>lt;sup>2</sup>Responsibility for reporting daily death figures moved from the Public Health Agency to the Department of Health on 19<sup>th</sup> April 2020. Figures based on deaths that occurred up to 26<sup>th</sup> March 2021 but including revisions up to 31<sup>st</sup> March 2021, to account for delayed notifications.

<sup>&</sup>lt;sup>3</sup>To aid comparison, the most recent Registrar General Annual Report notes that in 2019, 47% of all deaths occurred in hospital and 19% in care/ nursing homes: 2019 Registrar General Annual Report

Figure 7: Daily and cumulative number of deaths involving COVID-19 in Northern Ireland 26-Mar-2021 2,908 3,000 2,800 2,600 2,400 2,200 2,000 1,800 1,600 1,400 1,200 Number of Deaths 1,000 800 600 **Cumulative total** 18-Mar-2020 400 200 0 35 7-day moving average 30 **Daily Deaths** 25 20 15 10 5 18/03/20 30/03/20 11/04/20 23/04/20 05/05/20 17/05/20 29/05/20 10/06/20 22/06/20 04/07/20 16/07/20 28/07/20 02/09/20 14/09/20 26/09/20 08/10/20 20/10/20 01/11/20 13/11/20 25/11/20 07/12/20 19/12/20 31/12/20 17/02/21 01/03/21 13/03/21 25/03/21 12/01/21 24/01/21 05/02/21 Date of Death Download Data for charts First Phase 1 Publication of Coronavirus Restictions Vaccinations Executive's Schools death occurred beginning to Roll out Full lockdown Pathway out of (18th March reopened (1st ease (18th commenced (26th Restrictions September) 2020) (December) (2nd March) May) December) • . . Ciruit Breaker lockdown Phase 2 Most services Relaxation of (16th October began inc Vaccincations reopened restrictions inc extended 2 school closures roll out (10th July) (22nd week half-term (28th March) (February December) closure for 2021) schools)

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## Covid-19 deaths occurring by place of death

Figure 8: Cumulative number of Covid-19 related deaths occurring by Place of Death in Northern Ireland, 18th March 2020 up to 26th March 2021

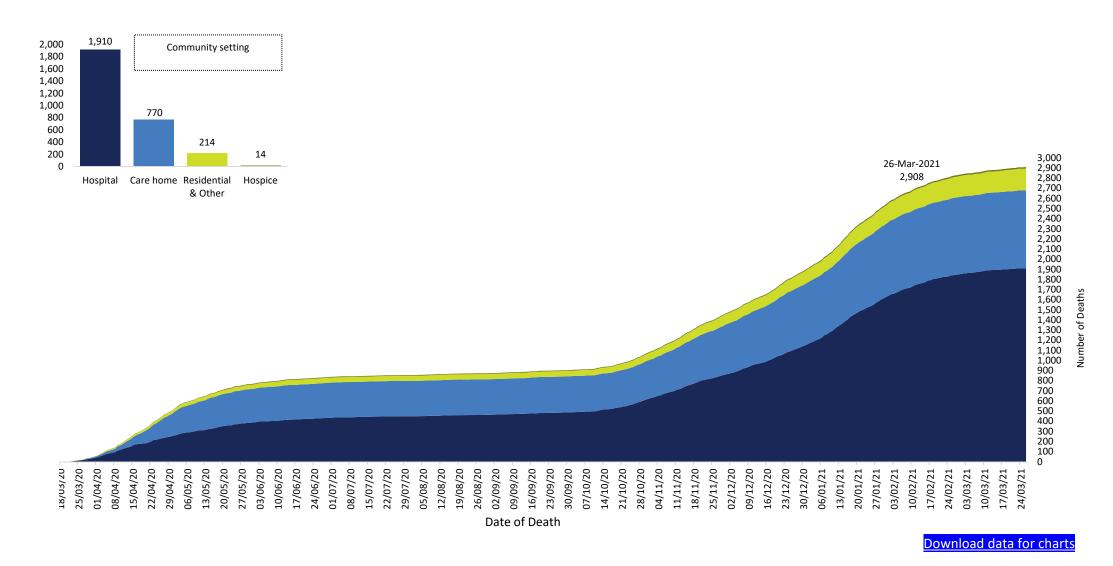


Table 4: Number of Covid-19 related deaths occurring each week, by Place of Death to 26th March 2021

			Care		Residential &					
	Hospital		Home <sup>1</sup>		Hospice		'Other'		Total	
Week ending	N	%	N	%	N	%	N	%	N	%
20/03/2020	1	100%	0	0.0%	0	0.0%	0	0.0%	1	100%
27/03/2020	17	73.9%	4	17.4%	1	4.3%	1	4.3%	23	100%
03/04/2020	43	69.4%	14	22.6%	1	1.6%	4	6.5%	62	100%
10/04/2020	57	64.0%	25	28.1%	0	0.0%	7	7.9%	89	100%
17/04/2020	57	48.3%	53	44.9%	1	0.8%	7	5.9%	118	100%
24/04/2020	43	37.4%	66	57.4%	0	0.0%	6	5.2%	115	100%
01/05/2020	41	34.7%	72	61.0%	0	0.0%	5	4.2%	118	100%
08/05/2020	37	45.1%	39	47.6%	1	1.2%	5	6.1%	82	100%
15/05/2020	30	46.2%	33	50.8%	1	1.5%	1	1.5%	65	100%
22/05/2020 29/05/2020	32 25	60.4% 65.8%	15 11	28.3% 28.9%	0	3.8% 0.0%	2	7.5% 5.3%	53 38	100% 100%
05/06/2020	15	68.2%	5	22.7%	0	0.0%	2	9.1%	22	100%
12/06/2020	12	54.5%	5	22.7%	0	0.0%	5	22.7%	22	100%
19/06/2020	11	91.7%	0	0.0%	0	0.0%	1	8.3%	12	100%
26/06/2020	8	80.0%	2	20.0%	0	0.0%	0	0.0%	10	100%
03/07/2020	9	81.8%	2	18.2%	0	0.0%	0	0.0%	11	100%
10/07/2020	3	75.0%	1	25.0%	0	0.0%	0	0.0%	4	100%
17/07/2020	5	100.0%	0	0.0%	0	0.0%	0	0.0%	5	100%
24/07/2020	2	50.0%	2	50.0%	0	0.0%	0	0.0%	4	100%
31/07/2020	1	100.0%	0	0.0%	0	0.0%	0	0.0%	1	100%
07/08/2020	3	75.0%	0	0.0%	0	0.0%	1	25.0%	4	100%
14/08/2020	5	62.5%	2	25.0%	0	0.0%	1	12.5%	8	100%
21/08/2020	3	100.0%	0	0.0%	0	0.0%	0	0.0%	3	100%
28/08/2020	2	100.0%	0	0.0%	0	0.0%	0	0.0%	2	100%
04/09/2020	5	83.3%	0	0.0%	0	0.0%	1	16.7%	6	100%
11/09/2020	6	75.0%	1	12.5%	0	0.0%	1	12.5%	8	100%
18/09/2020	6	66.7%	3	33.3%	0	0.0%	0	0.0%	9	100%
25/09/2020	5	83.3%	1	16.7%	0	0.0%	0	0.0%	6	100%
02/10/2020	6	100.0%	0	0.0%	0	0.0%	0	0.0%	6	100%
09/10/2020	5	71.4%	0	0.0%	0	0.0%	2	28.6%	7	100%
16/10/2020	24	88.9%	1	3.7%	0	0.0%	2	7.4%	27	100%
23/10/2020	34	72.3%	8	17.0%	0	0.0%	5	10.6%	47	100%
30/10/2020	60	75.0%	13	16.3%	1	1.3%	6	7.5%	80	100%
06/11/2020	58	67.4%	21	24.4%	0	0.0%	7	8.1%	86	100%
13/11/2020	56	60.9%	30	32.6%	0	0.0%	6	6.5%	92	100%
20/11/2020	72	67.9%	24	22.6%	0	0.0%	10	9.4%	106	100%
27/11/2020	43	55.8%	27	35.1%	0	0.0%	7	9.1%	77	100%
04/12/2020	48	57.1%	29	34.5%	0	0.0%	7	8.3%	84	100%
11/12/2020	71	71.7%	25	25.3%	0	0.0%	3	3.0%	99	100%
18/12/2020	55	64.7%	25	29.4%	1	1.2%	4	4.7%	85	100%
25/12/2020	77	63.6%	35	28.9%	0	0.0%	9	7.4%	121	100%
01/01/2021	76	73.1%	18	17.3%	0	0.0%	10	9.6%	104	100%
08/01/2021	89	77.4%	15	13.0%	2	1.7%	9	7.8%	115	100%
15/01/2021	130	73.0%	34	19.1%	1	0.6%	13	7.3%	178	100%
22/01/2021	117	70.9%	30	18.2%	0	0.0%	18	10.9%	165	100%
29/01/2021	102	71.8%	30	21.1%	0	0.0%	10	7.0%	142	100%
05/02/2021	81	73.6%	21	19.1%	1	0.9%	7	6.4%	110	100%
12/02/2021	65	82.3%	7	8.9%	0	0.0%	7	8.9%	79	100%
19/02/2021	54	84.4%	5	7.8%	0	0.0%	5	7.8%	64	100%
26/02/2021	35	71.4%	8	16.3%	1	2.0%	5	10.2%	49	100%
05/03/2021	22	88.0%	0	0.0%	0	0.0%	3	12.0%	25	100%
12/03/2021	28	90.3%	3	9.7%	0	0.0%	0	0.0%	31	100%
19/03/2021	10	66.7%	2	13.3%	0	0.0%	3	20.0%	15	100%
26/03/2021	8	61.5%	3	23.1%	0	0.0%	2	15.4%	13	100%
18 <sup>th</sup> March 2020- 26 <sup>th</sup> March 2021) Total	1,910	65.7%	770	26.5%	14	0.5%	214	7.4%	2,908	100%

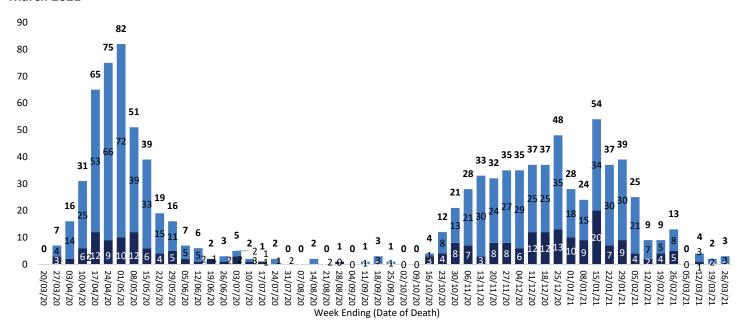
### Covid-19 related deaths of care home residents by place of death

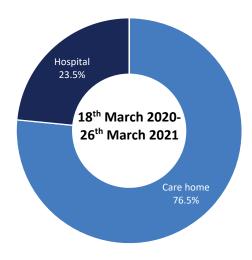
This section refers to deaths of care home residents, where either (a) the death occurred in a care home, or (b) the death occurred elsewhere but the place of usual residence of the deceased was recorded as a care home. The statistics will not capture those cases where a care home resident died in hospital or another location and the usual address recorded on their death certificate is not a care home. In relation to part (b) of this definition, no assumptions can be made about where or when the deceased contracted Covid-19 (and all figures include probable or suspect cases).

Based on the definition above, there have been 1,006 deaths of care home residents involving Covid-19 from 18<sup>th</sup> March 2020 up to 26<sup>th</sup> March 2021, which is 34.6% of all COVID-19 related deaths. Of the 1,006 deaths, 76.5% (770) occurred in a care home, with the remaining 236 occurring in hospital (Figure 9).

Of the total deaths involving Covid-19 which occurred in hospital (1,910) (Table 3), 12.4% (236) were accounted for by care home residents. (Further information in Table 9 of <u>accompanying spreadsheet</u>)

Figure 9: <u>Care home residents</u>: Weekly Covid-19 deaths occurring by place of death, from 18<sup>th</sup> March 2020 to 26<sup>th</sup> March 2021





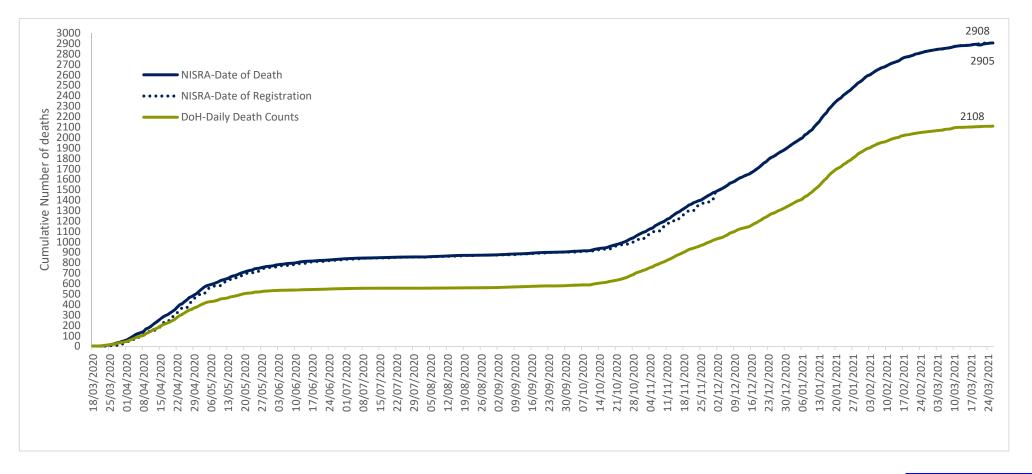
Differences between NISRA's death registration statistics and the Department of Health's daily statistics

- The <u>daily Northern Ireland Government updates</u> provided by the Department of Health (DoH) count the number of deaths reported by health trusts, where the deceased had <u>a positive test for Covid-19</u> and died within 28 days, whether or not Covid-19 was the cause of death. DoH figures will not capture all deaths that do not meet this definition. These data are important because they are available earlier, and therefore give a quicker indication of what is happening day by day and are broadly comparable with the figures released daily in other parts of the United Kingdom (UK). The DoH reported 2,108 deaths associated with Covid-19 by 26<sup>th</sup> March 2021. This figure includes revisions up to 31<sup>st</sup> March to account for delayed notifications. Responsibility for reporting the daily updates moved from the Public Health Agency (PHA) to the DoH on 19<sup>th</sup> April.
- NISRA weekly provisional death statistics, which are based on death registration information collected by the General Register Office, count all deaths where Covid-19 was mentioned on the death certificate by the doctor who certified the death, whether or not Covid-19 was the primary underlying cause of death. The figures include cases where the doctor noted that there was suspected or probable coronavirus infection involved in the death. As a result the weekly totals will usually be higher than the relevant daily figures because the DOH daily updates only include those who have tested positive for the virus. The NISRA figures include all deaths that occur outside hospital and are comparable with weekly statistics produced by the Office for National Statistics and National Records Scotland. NISRA figures published today show the total number of Covid-19 related deaths registered by 26<sup>th</sup> March 2021 was 2,905. Deaths statistics based on date of registration will be subject to only minimal change.
- By analysing the registration based data using the date the death occurred (rather than date of registration with the General Register Office), the statistics show that 2,908 deaths associated with Covid-19 had occurred by 26<sup>th</sup> March 2021, but including revisions to 31<sup>st</sup> March 2021, to account for delayed notifications. This is the most appropriate figure to use to understand additional deaths beyond those reported via the DoH daily bulletin. However it is also subject to ongoing change as not all deaths which occurred by 26<sup>th</sup> March 2021 will have been registered at the time of publishing these statistics.
- NISRA separately publishes the Registrar General Quarterly Report, provisional figures for which are available up to September 2020 and which include cause of death information. These show that the total number of deaths registered in calendar year to 30<sup>th</sup> September 2020, with an underlying cause of death of Covid-19 was 808. In comparison, the weekly death statistics, which count the number of deaths where Covid-19 was mentioned on the death certificate, reported that in the same period there had been 902 deaths registered involving Covid-19. This means that Covid-19 was the underlying, primary cause of death in 89.6 percent of all deaths which mentioned Covid-19 on the death certificate. Release of the Q4 report is scheduled 24<sup>th</sup> March 2021.

Figure 10 below graphically demonstrates the cumulative number of deaths involving Covid-19 in Northern Ireland using different data sources up to 26<sup>th</sup> March 2021.

The latest NISRA figures show that, by 26<sup>th</sup> March 2021, 2,908 deaths had occurred involving Covid-19, based on registrations up to 31<sup>st</sup> March 2021. DoH figures available for the same period show a total of 2,108 deaths.

Figure 10: Cumulative number of deaths involving COVID-19 in Northern Ireland using different data sources up to 26<sup>th</sup> March 2021<sup>1</sup>



<sup>&</sup>lt;sup>1</sup>Responsibility for reporting daily figures moved from the PHA to the Department of Health on 19<sup>th</sup> April. These figures are based on deaths that occurred up to 26<sup>th</sup> March 2021 and include revisions up to 31<sup>st</sup> March 2021, to account for delayed notifications.

Links to relevant publications

Deaths registered weekly in England & Wales

Weekly Data on Deaths Registered in Scotland

Vital statistics (Central Statistics Office, Ireland)

Northern Ireland Department of Health daily Covid-19 figures and daily dashboard

Number of coronavirus (Covid-19) cases and risk in the UK

Covid-19 Health Surveillance Monitor (Ireland)

#### List of Tables

Data accompanying this bulletin are available from the <u>NISRA website</u> in Excel format. The spread sheet includes the following tables.

- Table 1: Deaths registered each week in Northern Ireland, 2021
- Table 2: Deaths registered each week in Northern Ireland, age by sex, 2020/21
- Table 3: Deaths registered in Northern Ireland, by Local Government District (LGD), 2020/21
- Table 4: Deaths registered in Northern Ireland, by place of death, 2021
- Table 5: Covid-19 related deaths registered each week in Northern Ireland, age by sex, 2020/21
- Table 6: Covid-19 related deaths registered in Northern Ireland, by Local Government District (LGD), 2020/21
- Table 7: Covid-19 related deaths registered in Northern Ireland, by place of death, 2021
- Table 8: Covid-19 related care home deaths registered in Northern Ireland, by Local Government District (LGD), 2020/21
- Table 9: Covid-19 related deaths registered by date and place of death in Northern Ireland, 2020/21
- Table 10: Covid-19 related death occurrences by week of death in Northern Ireland, 2020/21
- Table 11: Covid-19 related death occurrences in Northern Ireland, by week of death and place of death, 2020/21
- Table 12: Covid-19 related deaths of care home residents in Northern Ireland, by place of death 2020/21
- Table 13: Covid-19 related deaths: occurrences by date and place of death in Northern Ireland, 2020/21

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**Contact Details** 

We welcome feedback from users, please contact:

E-mail: <a href="mailto:demography@nisra.gov.uk">demography@nisra.gov.uk</a> Telephone: +44 (0)300 200 7836

Twitter: @NISRA

**NISRA** website

NISRA Vital Statistics,

Northern Ireland Statistics and Research Agency,

Colby House, Stranmillis Court, Belfast BT9 5RR

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Press Release only)