



# Weekly Report on the Epidemiology of COVID-19 in Ireland Week 48, 2021

Health Protection Surveillance Centre, HPSC

COVID-19 Epidemiology Team, 06/12/2021

#### Please note:

- The epidemiological weeks in this report, run from Sunday to Saturday. Please refer to the <u>HPSC website</u> for a complete list of epidemiological weeks with start and end dates for 2020/2021.
- Reference dates:
  - Week 10, 2020 (1<sup>st</sup> to 7<sup>th</sup> March 2020) the beginning of the pandemic in Ireland, also the start of the first wave
  - Week 32, 2020 (2<sup>nd</sup> to 8<sup>th</sup> August 2020) the beginning of the 2<sup>nd</sup> wave
  - Week 48, 2020 (22<sup>nd</sup> to 28<sup>th</sup> November 2020) the beginning of the 3<sup>rd</sup> wave
  - Week 26, 2021 (27<sup>th</sup> June to 3<sup>rd</sup> July 2021) the beginning of the 4<sup>th</sup> wave
  - Week 48, 2021 (28<sup>th</sup> November to 4<sup>th</sup> December 2021) most recent epidemiological week
- Data for this report is based on cases notified on the Computerised Infectious Disease Reporting (CIDR) up to the 4<sup>th</sup> December
- Data was extracted from CIDR system on 06/12/2021
- Data are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

#### **Summary characteristics of COVID-19 cases notified in Ireland**

	(week 10,	otal 2020-week 2021 )	Week 48, 2021		
	Number	Percent	Number	Percent	
Total number of confirmed cases	594,211		34,208		
Incidence rate of confirmed cases per 100,000 population	12478.5		718.4		
Number of cases hospitalised	20,764	3.5	235*	0.7	
Number of cases admitted to ICU	2,197	0.4	<5*		
Number of deaths among confirmed cases	5,495	0.9	7*	0.02	
Case fatality ratio (CFR %)	0.9		0.02		
Incidence rate of confirmed deaths per 100,000 population	115.4		0.15		
Number of cases in healthcare workers	38535	6.5	214	0.6	
% where HCW is known		8.1		2.6	
Males	290,896	49.0	16,805	49.1	
Females	303,025	51.0	17,360	50.7	
M:F ratio	0.96		0.97		
Median (years)	33		31		
Mean age (years)	35		31		
Age range (years)	0-108		0-97		

\* The number of cases hospitalised, cases admitted to ICU and deaths described in the above table relate only to COVID-19 cases who were notified during this reporting period, and where the outcome is known at the time of reporting. It does not reflect all hospitalisations, ICU admissions and deaths related to COVID-19 which occurred during the period covered by the report. It also does not reflect the final number of cases hospitalised, admitted to ICU or deaths for these cases notified during this period as the outcome may not yet have occurred, or is yet to be notified



#### **Epidemic curve of COVID-19 cases notified in Ireland**

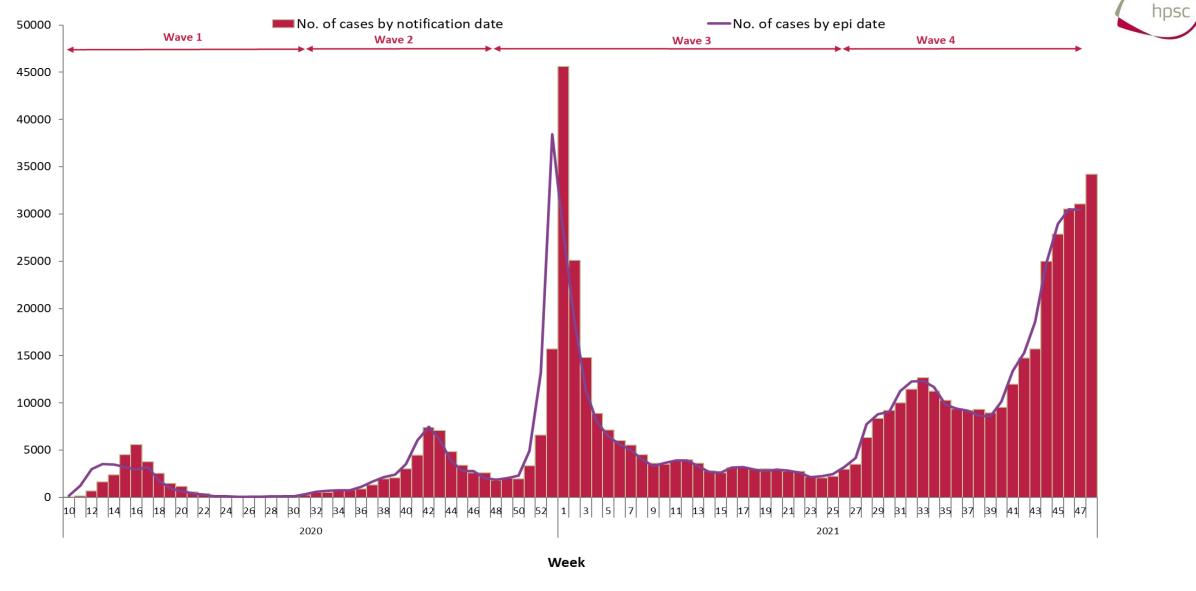


Figure 1: Number of confirmed COVID-19 cases by notification week and <u>epidemiological date</u> in Ireland between week 10, 2020 and week 48, 2021

cases

Number of confirmed

### **Epidemic curve of COVID-19 cases notified in Ireland during the 4<sup>th</sup> wave**

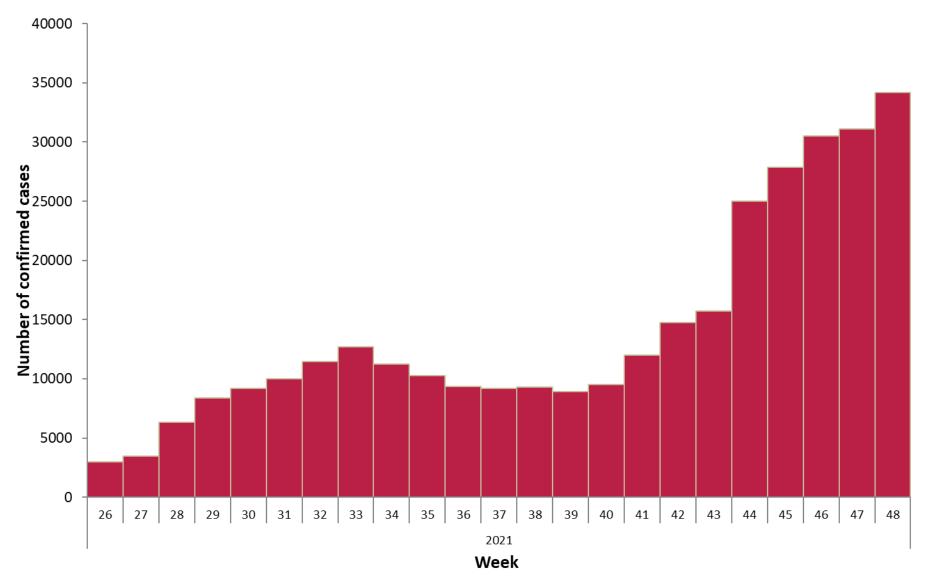


Figure 2: Number of confirmed COVID-19 cases by notification week in Ireland for the 4th wave from week 26, 2021 to week 48, 2021

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# Summary characteristics of COVID-19 cases notified in Ireland during the latest epidemiological week

**Table 1:** Characteristics of confirmed COVID-19 casesnotified in Ireland during week 48, 2021

Characteristic		Week 48	Percent
Total number of confirmed case	es	34,208	100
Sex	Male:Female ratio	0.97	
	Male	16,805	49.1
	Female	17,360	50.7
	Unknown	43	0.2
Age	Mean age (years)	31	
	Median age (years)	31	
	Age range (years)	0-97	
	0-4 yrs	1810	5.3
	5-12 yrs	7,359	21.5
	13-18 yrs	2,035	5.9
	19-24 yrs	2,762	8.1
	25-34 yrs	4,739	13.9
	35-44 yrs	6,467	18.9
	45-54 yrs	4,320	12.6
	55-64 yrs	2,807	8.2
	65-74 yrs	1,475	4.3
	75-84 yrs	352	1.0
	85+ yrs	76	0.2
	Unknown	6	0.0

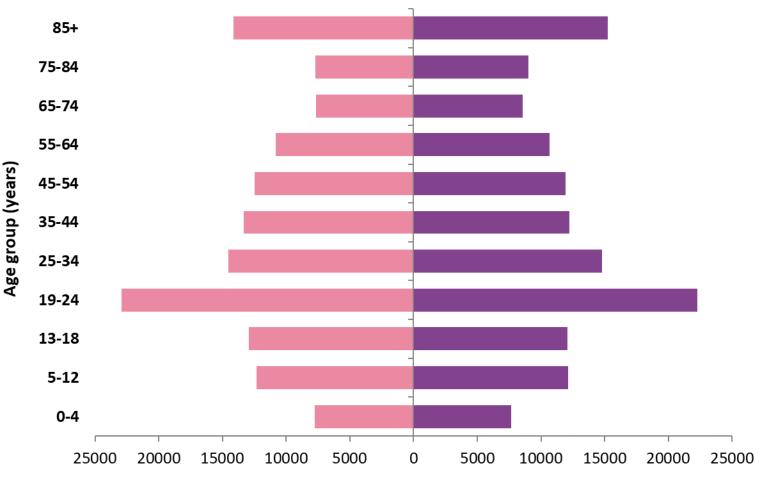
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### Age and sex pyramid for COVID-19 cases notified in Ireland



**Figure 3a:** Cumulative age and sex-specific incidence rates of confirmed COVID-19 cases per 100,000 population notified in Ireland between week 10, 2020 and week 48, 2021

(excluding 80 cases for whom age is unknown, 289 cases for whom sex is unknown and one case for whom both are unknown)



# Cumulative age- and sex-specific rate per 100,000 population from week 10, 2020 to week 48, 2021

Female

Male

# Age and sex pyramid for COVID-19 cases notified in Ireland for the latest epidemiological week



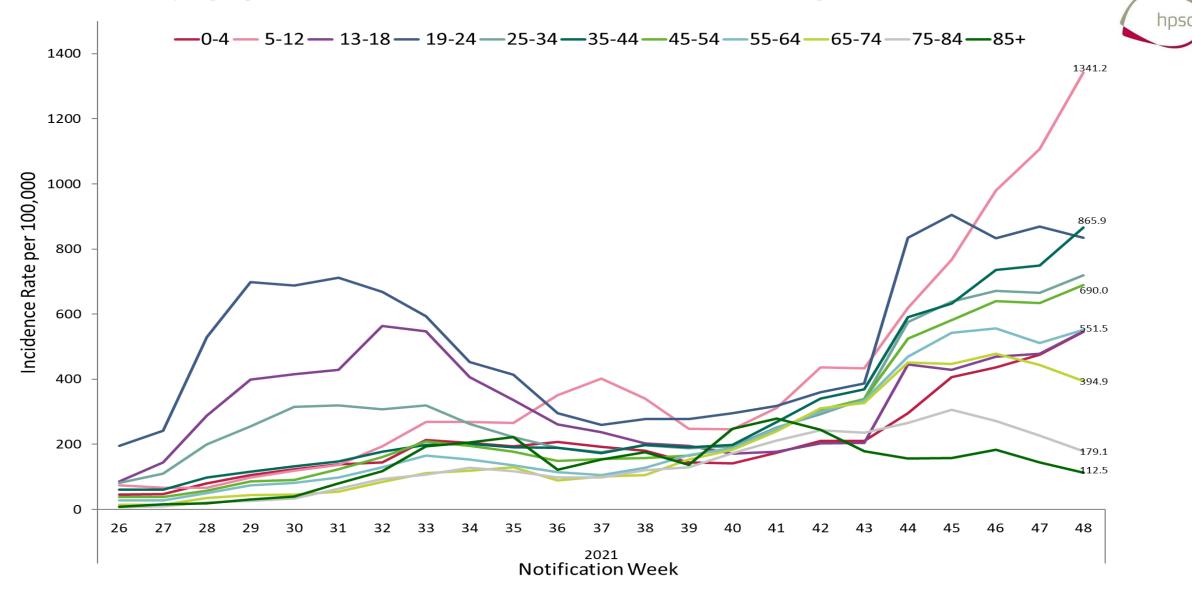
Figure 3b: Cumulative age and sex-specific incidence 85+ rates of confirmed COVID-19 cases per 100,000 population notified in Ireland during week 48, 2021 75-84 (excluding 6 cases for whom age is unknown and 43 cases for whom 65-74 sex is unknown) 55-64 Age group (years) 45-54 35-44 25-34 19-24 13-18 5-12 0-4 1500 1300 1100 900 500 300 100 300 500 700 900 1100 1300 1500 700 100

Cumulative age- and sex-specific rate per 100,000 population for week 48, 2021

Female

Male

Incidence rates by age group for COVID-19 cases notified in Ireland during the 4<sup>th</sup> wave



**Figure 4:** Weekly age-specific incidence rates of confirmed COVID-19 cases per 100,000 population in Ireland for the 4<sup>th</sup> wave from week 26, 2021 to week 48, 2021

#### Incidence by age groups for COVID-19 cases notified in Ireland during the 4<sup>th</sup> wave

1	
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	0-4	5-12	13-18	19-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	National
26	45.5	74.7	86.7	194.7	81.0	61.2	38.2	27.1	13.9	6.6	8.9	62.3
27	46.8	67.1	144.0	241.8	109.8	60.1	37.9	27.3	14.7	9.2	16.3	73.4
<del>x</del> 28	79.9	66.9	288.8	529.0	200.0	97.6	57.3	50.3	34.8	21.9	19.2	132.5
28 29 29	105.6	98.6	399.4	698.1	254.8	115.5	85.9	73.5	44.7	27.0	31.1	176.1
u 30	124.0	118.5	415.0	688.4	315.3	133.2	90.2	82.3	45.5	33.1	40.0	193.3
Notification 31 33 33	138.2	137.1	428.4	711.3	320.1	146.9	122.8	98.0	54.3	64.1	79.9	210.4
jji 32	144.2	194.1	563.8	668.5	308.3	177.1	161.5	129.7	84.1	94.1	116.9	240.6
D 33	213.0	269.2	547.6	593.0	320.1	198.6	209.4	166.0	111.6	106.9	193.9	266.5
34	203.9	268.8	406.1	452.6	263.3	200.8	195.5	153.8	118.9	128.8	205.8	236.0
35	194.0	266.1	335.3	413.6	222.2	190.7	177.6	135.0	130.1	117.6	222.0	215.8
36	207.8	350.5	261.0	295.6	189.6	190.1	149.5	114.0	89.2	98.7	121.4	196.5
37	191.8	402.0	237.6	260.3	176.1	172.2	154.3	105.9	101.5	98.2	153.9	193.5
38	179.8	340.1	203.5	278.1	197.0	199.0	157.3	127.9	105.2	120.6	176.2	195.6
39	143.9	247.1	195.9	278.1	187.3	191.1	164.7	167.6	153.7	129.8	137.7	188.0
40	140.9	245.7	171.2	296.2	193.5	198.2	189.9	188.4	183.4	172.5	247.2	200.1
41	175.0	312.7	177.6	318.2	252.7	268.6	245.0	248.5	240.4	211.2	279.8	251.7
42	209.6	435.8	202.9	360.5	292.1	339.8	305.9	300.8	310.3	242.7	244.2	309.6
43	209.6	432.7	205.1	387.1	339.2	368.9	338.3	335.0	326.4	236.1	179.1	330.4
44	295.0	618.4	445.9	834.5	575.1	590.7	525.4	469.2	451.9	265.6	156.9	524.8
45	405.7	767.3	429.2	905.2	638.9	632.2	581.9	542.9	447.4	306.9	158.4	585.3
46	437.1	979.4	469.1	832.4	670.9	735.1	640.2	555.8	479.0	271.8	183.6	641.0
47	475.7	1107.0	478.8	869.2	665.3	749.4	634.3	511.8	443.6	226.5	145.1	652.7
48	546.0	1341.2	547.6	833.9	718.7	865.9	690.0	551.5	394.9	179.1	112.5	718.4

Figure 5: Heat map of weekly age-specific incidence rates of confirmed COVID-19 cases per 100,000 population in Ireland for the 4<sup>th</sup> wave between week 26, 2021 and week 48, 2021

# **COVID-19** cases in children 18 years and under by notification date



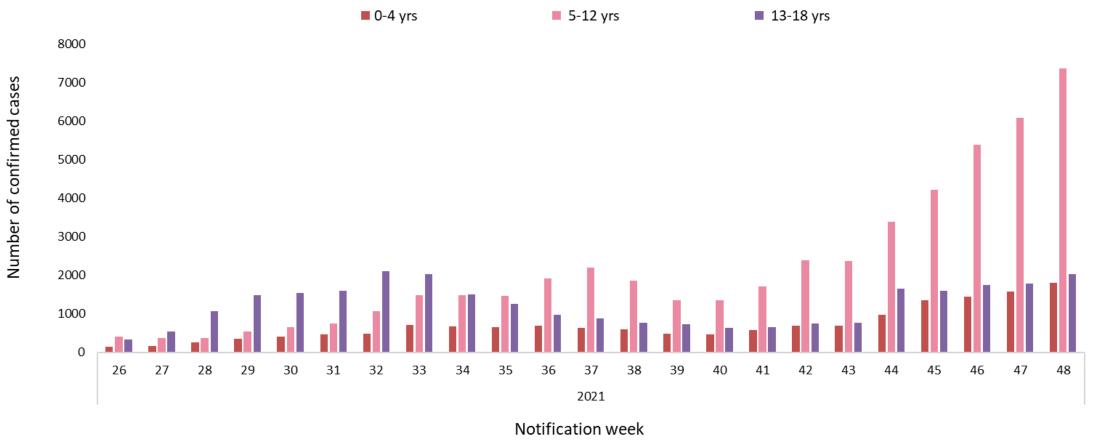


Figure 6a: Weekly number of age-specific confirmed COVID-19 cases by notification week in Ireland for the 4<sup>th</sup> wave between week 26, 2021 and week 48, 2021

### **COVID-19 incidence rate by HSE area in children 18 years and under**

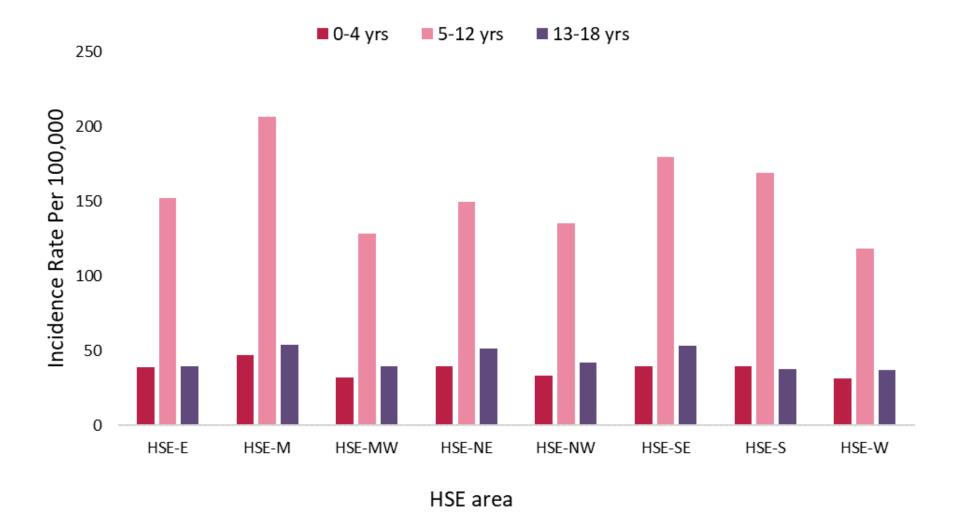


Figure 6b: Age-specific incidence rates of confirmed COVID-19 cases per 100,000 population, by HSE area, notified in Ireland during week 48, 2021

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# Characteristics for COVID-19 cases notified in Ireland by county for the latest epidemiological week

**Table 2:** Characteristics of confirmedCOVID-19 cases by county notified inIreland, during week 48, 2021

County	Ca	ses	M:F ratio	Median age	Incidence Rate
County	N	%	M:F ratio	(years)	per 100,000
Carlow	775	2.3	1.1	32	1361.3
Westmeath	905	2.6	0.9	31	1019.5
Louth	1142	3.3	1.0	32	886.1
Laois	720	2.1	1.0	29	850.1
Longford	346	1.0	1.1	28.5	846.5
Tipperary	1337	3.9	1.0	30	838.0
Kildare	1757	5.1	1.1	33	789.6
Cork	4092	12.0	1.0	30	753.8
Kilkenny	747	2.2	0.9	33	752.8
Waterford	870	2.5	1.1	32	748.9
Dublin	10058	29.4	0.9	32	746.5
Meath	1391	4.1	1.0	33	713.2
Wicklow	1003	2.9	0.8	31	704.2
Sligo	432	1.3	0.9	27	659.2
Offaly	510	1.5	0.9	31	654.2
Wexford	962	2.8	1.0	33	642.5
Roscommon	404	1.2	0.8	30	625.9
Monaghan	383	1.1	1.1	35	623.9
Galway	1585	4.6	1.0	28	614.2
Kerry	895	2.6	1.0	34	605.9
Clare	719	2.1	1.0	28	605.1
Leitrim	181	0.5	1.1	34	564.8
Donegal	876	2.6	1.0	29	550.3
Cavan	415	1.2	1.0	35	544.8
Mayo	706	2.1	0.9	27	541.0
Limerick	997	2.9	0.9	31	511.5



#### Incidence rates by county for COVID-19 cases notified in Ireland during the 4<sup>th</sup> wave



		Carlow	Cavan	Clare	Cork	Donegal	Dublin	Galway	Kerry	Kildare	Kilkenny	Laois	Leitrim	Limerick	Longford	Louth	Mayo	Meath	Monaghan	Offaly	Roscommon	Sligo	Tipperary	Waterford	Westmeath	Wexford	Wicklow	National
	26	14.1	40.7	48.0	19.7	215.5	89.5	29.1	33.9	51.2	23.2	57.9	18.7	82.1	34.3	66.0	37.5	60.0	31.0	42.3	91.4	76.3	21.9	104.2	72.1	28.7	35.1	62.3
	27	49.2	51.2	38.7	29.3	212.3	96.1	50.8	63.0	79.1	40.3	42.5	34.3	121.6	29.4	94.7	76.6	72.3	58.6	55.2	85.2	125.1	23.2	36.2	66.5	48.8	43.5	73.4
	28	131.7	114.2	70.7	75.5	392.0	166.0	129.8	94.1	135.7	48.4	129.9	93.6	125.7	46.5	296.4	117.2	129.2	107.5	115.4	128.6	91.6	48.9	57.7	90.1	56.1	118.7	132.5
	29	202.0	152.3	70.7	118.4	533.3	191.5	259.2	124.6	165.4	69.5	278.6	246.5	140.6	127.2	249.8	196.2	160.0	236.2	114.2	170.4	145.0	99.7	80.9	118.3	90.2	171.3	176.1
	30	130.0	181.2	104.4	120.5	378.2	220.3	283.7	199.7	137.1	99.8	178.3	230.9	191.4	124.8	377.9	301.1	178.9	252.5	94.9	232.4	212.1	127.9	105.0	143.1	92.8	157.3	193.3
	31	172.1	236.3	143.9	163.0	321.0	238.7	303.4	205.1	152.4	105.8	181.8	152.9	179.6	181.0	269.2	314.2	189.7	351.9	170.6	292.8	175.5	129.1	125.7	149.8	173.0	193.8	210.4
ž	32	205.5	468.7	137.2	149.2	578.5	247.6	295.7	203.1	202.7	145.1	194.8	187.2	190.4	156.6	245.2	315.7	213.8	650.0	201.4	444.7	286.9	168.0	171.3	287.3	187.0	181.1	240.6
eek	33	226.6	740.4	155.7	191.0	598.6	253.2	256.1	286.4	204.5	135.0	230.2	215.3	296.6	208.0	373.2	272.8	240.5	829.2	202.7	379.6	196.8	296.5	218.6	252.3	167.6	183.3	266.5
>	34	175.6	504.1	131.3	163.4	557.2	214.9	239.9	305.3	181.1	199.5	126.3	330.8	254.0	327.8	236.6	287.3	231.7	775.4	238.6	350.1	273.1	246.9	158.4	210.7	146.3	163.6	236.0
L L	35	230.1	340.0	196.1	185.3	498.1	207.7	193.8	225.4	151.5	166.3	211.3	402.6	228.8	259.3	262.3	245.2	196.4	495.2	225.8	311.4	172.4	185.5	99.0	167.8	156.3	161.5	215.8
atic 21	36	216.0	292.7	149.8	130.6	410.2	223.3	171.7	142.2	171.2	168.3	263.3	218.4	181.1	305.8	240.5	212.2	193.8	478.9	219.3	233.9	148.0	137.3	127.4	152.1	108.9	102.5	196.5
202 icat	37	242.4	217.9	140.6	144.2	389.5	211.0	119.7	173.3	196.4	163.3	229.1	137.3	193.9	215.3	323.5	185.4	233.8	430.1	160.3	159.6	135.8	162.3	148.9	201.6	145.6	74.4	193.5
2021 Notification	38	254.7	246.8	109.4	146.4	321.6	234.2	144.5	146.2	247.6	140.1	186.5	221.6	203.7	249.6	242.9	252.9	206.6	296.5	136.0	141.0	151.1	145.4	169.6	187.0	82.8	95.5	195.6
Ž	39	274.0	262.5	186.0	142.2	282.0	200.8	156.6	257.3	163.6	108.8	165.3	215.3	224.7	393.9	161.4	113.4	212.3	255.8	144.9	198.3	174.0	155.4	327.1	143.1	124.2	113.0	188.0
	40	328.5	206.1 274.4	163.3 291.2	182.5 221.2	285.8 302.8	195.0 236.5	220.5 194.5	266.7	168.1 229.2	182.4 198.5	222.0	171.6 309.0	244.7 285.3	313.2 494.2	208.7 292.5	160.9 187.7	182.0	259.0	151.4 144.9	164.2 257.2	152.6 221.3	146.7 209.3	357.2 461.4	164.5	142.3 162.3	159.4 181.9	200.1 251.7
	41 42	354.8 511.1	303.2	367.8	221.2	302.8	230.5	277.8	427.2 561.2	255.3	272.1	321.1 418.0	330.8	364.3	606.8	292.5 343.7	180.8	289.2 316.3	268.8 259.0	274.5	303.7	221.3	209.3	643.9	341.3	193.7	236.6	309.6
	42	372.4	303.2	375.4	372.5	329.8	200.2	288.3	490.8	294.8	213.1	388.4	483.7	362.2	508.9	400.4	241.4	308.6	239.0	239.9	255.6	242.6	299.6	642.1	306.4	307.9	320.2	330.4
	44	671.0	480.5	448.6	562.8	593.6	518.1	496.8	531.5	234.0 A17.1	12.4	649.4	802.0	517.7	528.5	663.4	497.3	589.1	407.3	375.8	361.0	456.2	487.0	684.3	566.6	514.3	498.5	524.8
	45	764.1	624.9	543.7	579.5	569.8	594.1	574.3	563.3	541.1	623.8	686.0	789.5	504.9	645.9	884.5	514.9	660.4	373.0	609.3	435.4	622.6	541.5	589.6	802.1	402.1	430.3	585.3
	46	895.8	723.3	608.5	630.5	592.4	685.9	537.1	591.0	599.5	795.1	473.5	574.2	528.0	743.8	751.1	639.0	690.1	550.6	579.8	571.7	546.3	667.5	713.6	878.7	533.7	485.9	641.0
	40	902.8	543.5	574.8	655.2	522.6	761.3	551.0	462.4	654.4	723.6	606.9	511.8	502.3	836.7	761.9	498.1	589.1	461.0	469.5	480.3	505.1	745.8	738.5	900.1	619.1	492.2	652.7
	48	1361.3	544.8	605.1	753.8	550.3	746.5	614.2	605.9	789.6	752.8	850.1	564.8	511.5	846.5	886.1	541.0	713.2	623.9	654.2	625.9	659.2	838.0	748.9	1019.5	642.5	704.2	718.4
	-10	1001.0	044.0	000.1	700.0	000.0	740.0	017.2	000.0	100.0	102.0	000.1	004.0	011.0	0-0.0	000.1	041.0	110.2	020.0	004.2	020.0	000.2	000.0	740.0	1010.0	072.0	104.2	10.4

Figure 7: Heat map of weekly incidence rates of confirmed COVID-19 cases per 100,000 population, by county, notified in Ireland for the 4<sup>th</sup> wave between week 26, 2021 and week 48, 2021

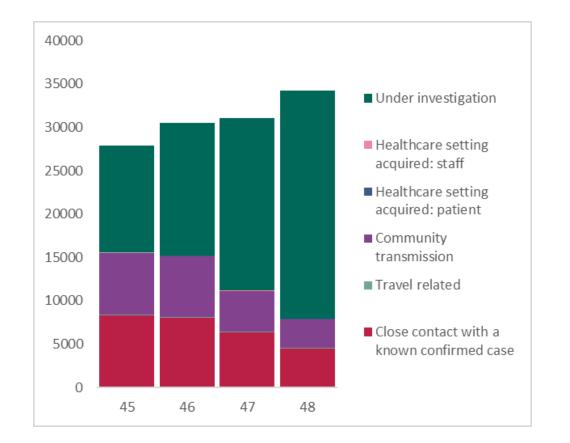
### Most likely transmission source of COVID-19 cases

# hpsc

#### Table 3: Most likely transmission source for cases notified in week 48, 2021.

Most likely transmission source for 48, 2021	Number of cases	Percent
Close contact with a known confirmed case	4492	13.1
Travel related	82	0.2
Community transmission	3298	9.6
Healthcare setting acquired: patient	21	0.1
Healthcare setting acquired: staff	25	0.1
Under investigation*	26290	76.9
Total	34208	100

\*Data for the most recent week were not complete at the time of data extraction



**Figure 8:** Most likely transmission source by week, from week 45 - week 48, 2021.



**Table 4:** Summary ofhospitalisations, ICUadmissions and deaths byage group and wave.

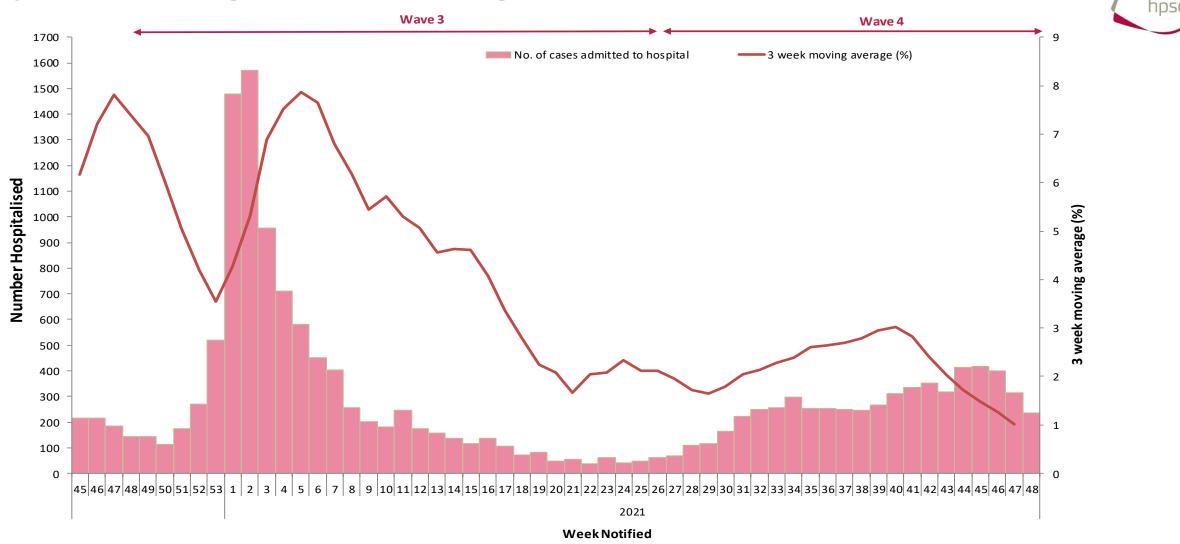
(This does not include 6 hospitalised cases for whom the age is unknown and 1 case who died for whom the age is also unknown)

	Age group	Wave	Number of cases	Number of cases hospitalised		Number of cases admitted to ICU	% admitted to ICU	Number of cases who died*	% deaths
		1	19612	1522	7.8	277	1.4	110	0.6
	<65 yrs	2	39954	873	2.2	79	0.2	29	0.1
/		3	179388	4612	2.6	570	0.3	272	0.2
		4	298728	3464	1.2	379	0.1	123**	0.04
		Total	537682	10471	1.9	1305	0.2	534	0.1
		1	6524	1803	27.6	161	2.5	1420	21.8
		2	4229	962	22.7	104	2.5	360	8.5
	65+ yrs	3	20928	5067	24.2	401	1.9	2602	12.4
		4	24767	2455	9.9	226	0.9	578**	2.3
		Total	56448	10287	18.2	892	1.6	4960	8.8

#### \* Deaths in confirmed cases only

\*\*Hospitalisations, ICU admissions, and deaths may be underestimated for recent weeks as the outcome may not yet have occurred or may not yet have been reported to CIDR.

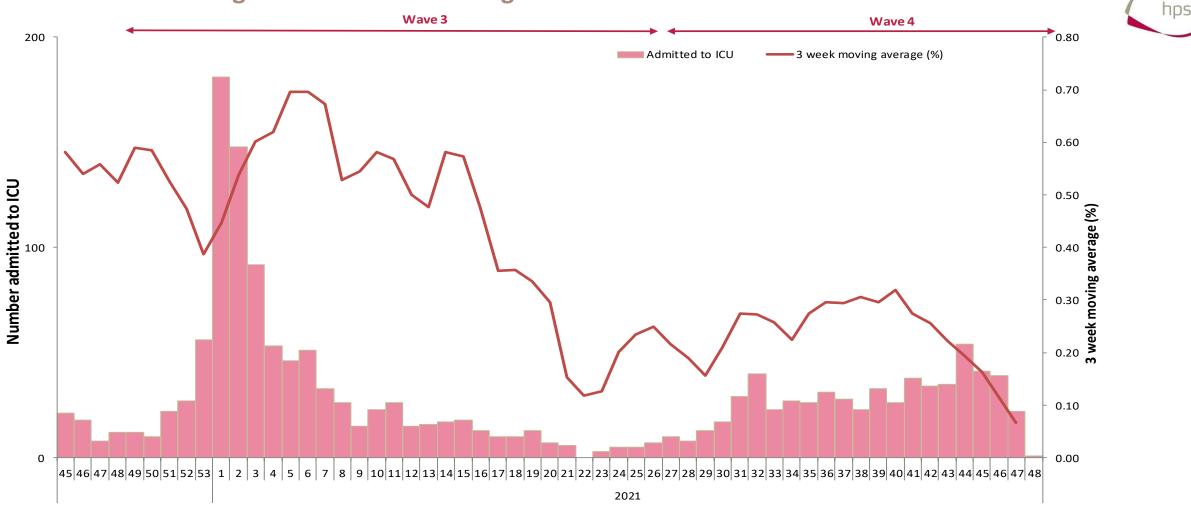
## Hospitalisations among COVID-19 cases during waves 3 and 4



**Figure 9:** Number of hospitalised COVID-19 cases and 3 week moving average (%) of overall cases hospitalised in Ireland between week 45, 2020 and week 48, 2021 based on week of notification

\*Hospitalisations may be underestimated for recent weeks as the outcome may not yet have occurred or may not yet have been reported to CIDR.

### ICU admissions among COVID-19 cases during waves 3 and 4



#### **Week Notified**

Figure 10: Number of ICU admissions in COVID-19 cases and 3 week moving average (%) of ICU admissions of overall case numbers in Ireland between week 45, 2020 and week 48, 2021 based on week of notification

\*ICU admissions may be underestimated for recent weeks as the outcome may not yet have occurred or may not yet have been reported to CIDR.

### **Deaths among COVID-19 cases**

	Number	Percent
Total number of deaths	5,769	
confirmed	5,495	95.3
probable	98	1.7
possible	176	3.1
Number hospitalised who died	3,236	56.1
admitted to ICU who died	686	11.9
not admitted to ICU who died	5,083	88.1
Number of imported cases who died	17	0.3
Number of HCWs who died	20	0.3
Number with underlying conditions who died	4,899	84.9
Males who died	3,076	53.3
M:F ratio	1.14	
Median age (years)	82	
Mean age (years)	80	
Age range (years)	14-105	

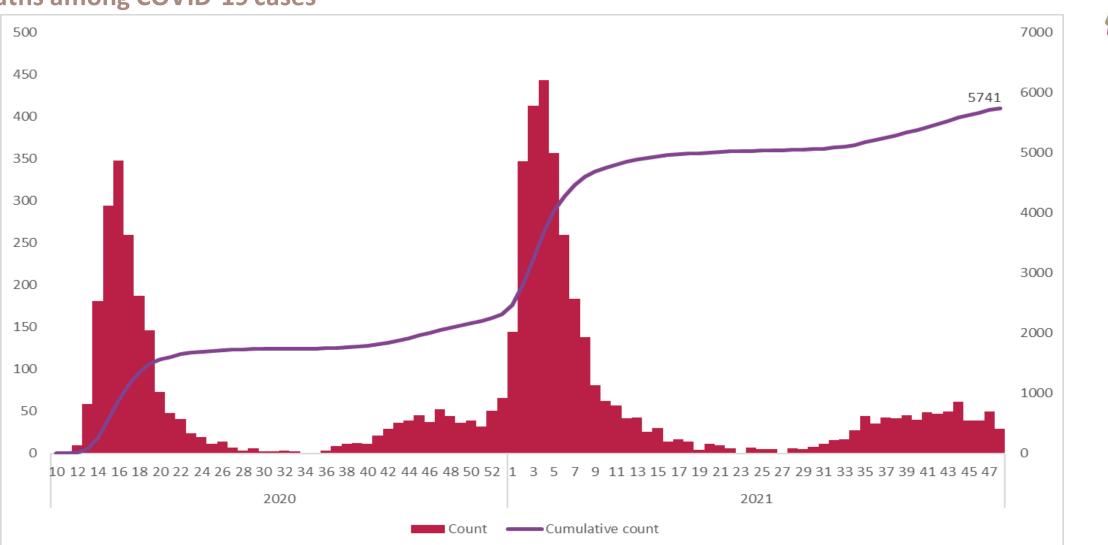


Age group (years)	Female	Male	Total	Percent
<45 yrs	31	37	68	1
45-54 yrs	42	86	128	2
55-64 yrs	124	227	351	6
65-74 yrs	345	605	950	16
75-84 yrs	821	1106	1927	33
85+ yrs	1327	1015	2342	41
Unknown	3	0	3	0
Total	2693	3076	5769	100.0
Percent	46.7	53.3		

**Table 5:** Summary of deaths in all COVID-19 cases notified inIreland between week 10, 2020 and week 48, 2021

**Table 6:** Number of deaths in all COVID-19 cases by sex andage group notified in Ireland between week 10, 2020 and week48, 2021

#### **Deaths among COVID-19 cases**



**Figure 11:** Total number of COVID-19 deaths notified in and cumulative number by week of death, cases with a date of notification from 01/03/2020 to 04/12/2021. Date of death reported for 5,741 of deaths.

\*Deaths may be underestimated for recent weeks as the outcome may not yet have occurred or may not yet have been reported to CIDR.

nps

### **Deaths among COVID-19 cases during waves 3 and 4**

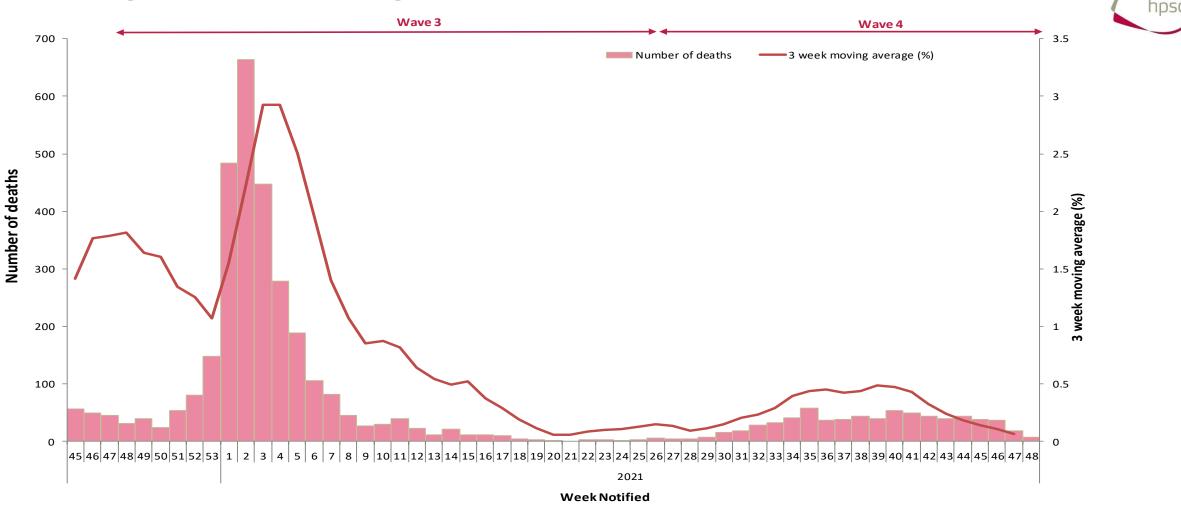
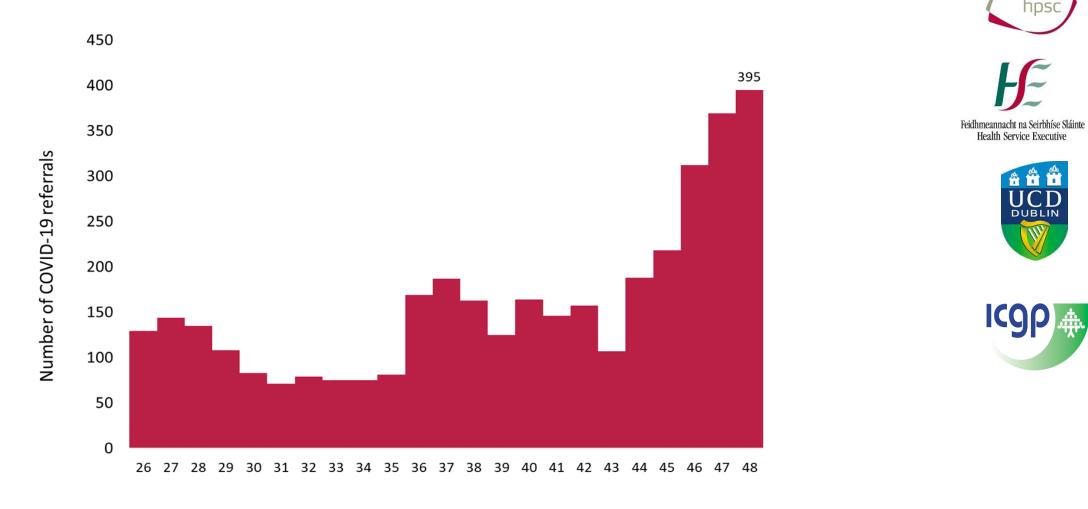


Figure 12: Number of deaths in confirmed COVID-19 cases and 3 week moving average (%) of deaths of overall case numbers in Ireland between week 45, 2020 and week 48, 2021 based on week of notification\*

\*Deaths may be underestimated for recent weeks as the outcome may not yet have occurred or may not yet have been reported to CIDR.

#### **Sentinel GP referrals for COVID-19 testing**

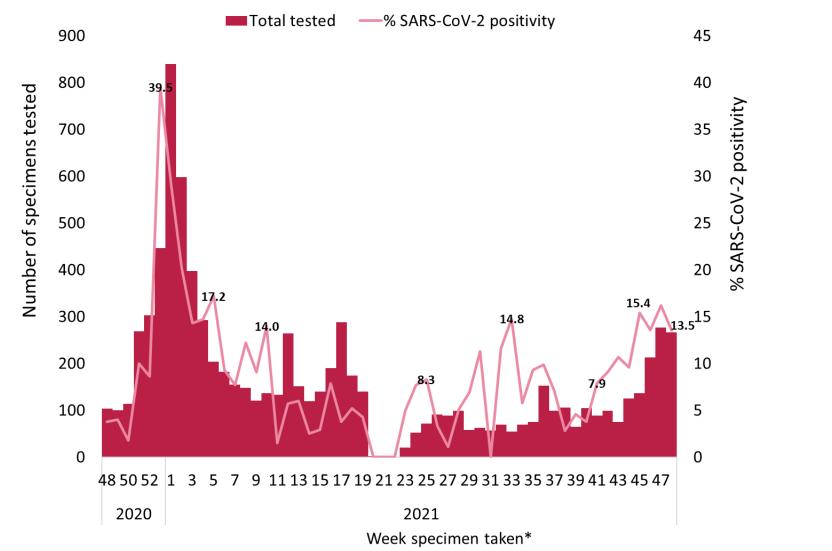


#### Week of GP consultation

Figure 13: Number of sentinel GP COVID-19 referrals by week of consultation, week 26, 2021 – week 48, 2021

\*Recent increases in sentinel GP COVID-19 referrals are reflecting community COVID-19 incidence and changes to health seeking behaviour resulting from high demands on online COVID-19 booking systems for community testing centres.

#### **Sentinel GP referrals for COVID-19 testing**





Feidhmeannacht na Seirbhíse Sláinte Health Service Executive





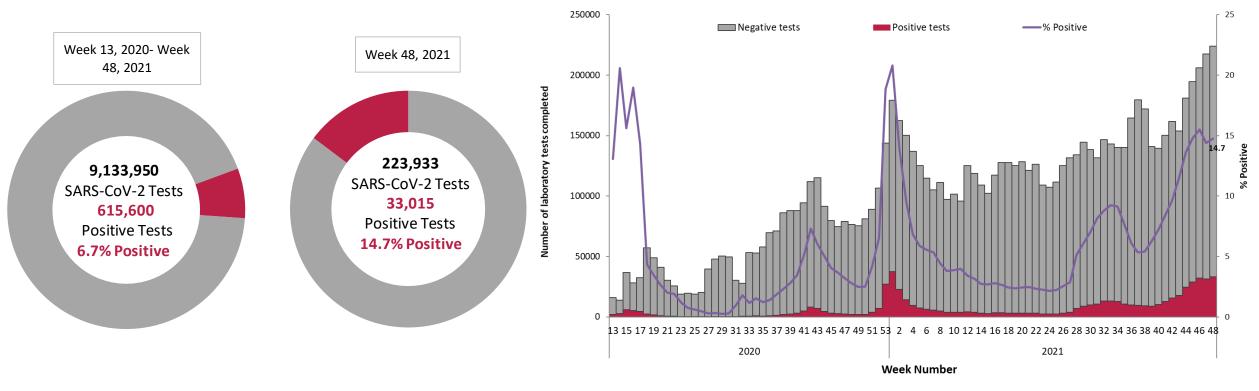
Figure 14: % SARS-CoV-2 positivity data from sentinel GP COVID-19 referrals tested by NVRL/ENFER\*, 2020-2021.

\*Including laboratories under the clinical governance of the NVRL

Please note, from week 19-23 2021, the GP sentinel virology data were incomplete due to the HSE cyber-attack

## Laboratory testing for SARS-CoV-2





**Figure 15a**: Number of SARS-CoV-2 tests and positive tests\* in Ireland between week 13, 2020 and week 48, 2021

**Figure 15b:** Number of SARS-CoV-2 negative and positive tests\* completed in Ireland between week 13, 2020 and week 48, 2021

\*Positive tests refers to all positive specimens and includes duplicates and individuals who were retested



#### Please refer to the Health Protection Surveillance (HPSC) website for specific reports on

- 14 Day report epidemiology of COVID-19 in Ireland
- Outbreaks/clusters in Ireland COVID-19 weekly report
- Weekly report on COVID-19 deaths reported in Ireland
- <u>SARS-CoV-2 wastewater surveillance programme weekly reports</u>
- Healthcare Workers COVID-19 cases in Ireland monthly reports
- <u>Weekly reports on vaccination status</u> of COVID-19 deaths and cases admitted to ICU
- Epidemiology of COVID-19 in Ireland cases aged 0-18 years

#### Acknowledgements

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**





- Data are based on statutory notifications and were extracted from Computerised Infectious Disease Reporting (CIDR) system and the HSE COVID care tracker. Data are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.
- Slide with Laboratory testing for SARS-CoV-2 data provided by Deloitte Ireland LLP

#### 2. Epidemiological date

Epidemiological date is based on the earliest of dates available on the case and taken from date of onset of
symptoms, date of diagnosis, laboratory specimen collection date, laboratory received date, laboratory reported date
or event creation date/notification date on CIDR. By using this date rather than event creation/ notification date, adjusts for
any delays in testing/notification. Further information on epidemiological dates and weeks can be found on the <u>HPSC</u>
website.

#### 3. Population data

Population data were taken from Census 2016. Data were aggregated into the following age groups for the analysis: 0-4 years, 5-12 years, 13-18 years, 19-24 years, 25-34 years, 35-44 years, 45-54 years, 55-64 years, 65-74 years, 75-84 years and ≥ 85 years.