



Seirbhís Sláinte
Níos Fearr
á Forbairt

Building a
Better Health
Service



Weekly Report on the Epidemiology of COVID-19 in Ireland

Week 14, 2021

Health Protection Surveillance Centre, HPSC

COVID-19 Epidemiology Team, 12/04/2021

Dates to note:

- Week 14 2021 (4th April 2021 to 10th April 2021)
- Week 48 2020 (22nd to 28th November 2020)
- Week 10 2020 (1st to 7th March 2020) – The beginning of the pandemic in Ireland

Note: The epidemiological weeks in this report, run from Sunday to Saturday, please refer to appendix 1 for a complete list of epidemiological weeks with start and end dates.

Note: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system on 12/04/2021 and 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



	Total (week 10, 2020- week 14, 2021)		Week 14, 2021	
	Number	Percent	Number	Percent
Total number of confirmed cases	240,936		2,807	
Incidence rate of confirmed cases per 100,000 population	5059.7		58.9	
Number of cases hospitalised	13,848	5.7	99*	3.5
Number of cases admitted to ICU	1,456	0.6	<5*	0.1
Number of deaths among confirmed cases	4,519	1.9	<5	0.1
Case fatality ratio (CFR %)	1.9		0.1	
Incidence rate of confirmed deaths per 100,000 population	94.9		0.0	
Number of cases associated with clusters	74,841	31.1	513	18.3
Number of imported cases	1,471	0.6	13	0.5
Number of cases in healthcare workers	28,257	11.7	46	1.6
Males	114,958	47.7	1,436	51.2
Females	125,893	52.3	1,368	48.7
M:F ratio	0.91		1.05	
Median (years)	37		31	
Mean age (years)	40		32	
Age range (years)	0 - 108		0 - 90	

** The number of cases hospitalised and admitted to ICU 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 and ICU admissions related to COVID-19 which occurred during the period covered by the report. It also does not reflect the final number of cases hospitalised or admitted to ICU for these cases notified during this period as the outcome may not yet have occurred, or is yet to be notified*

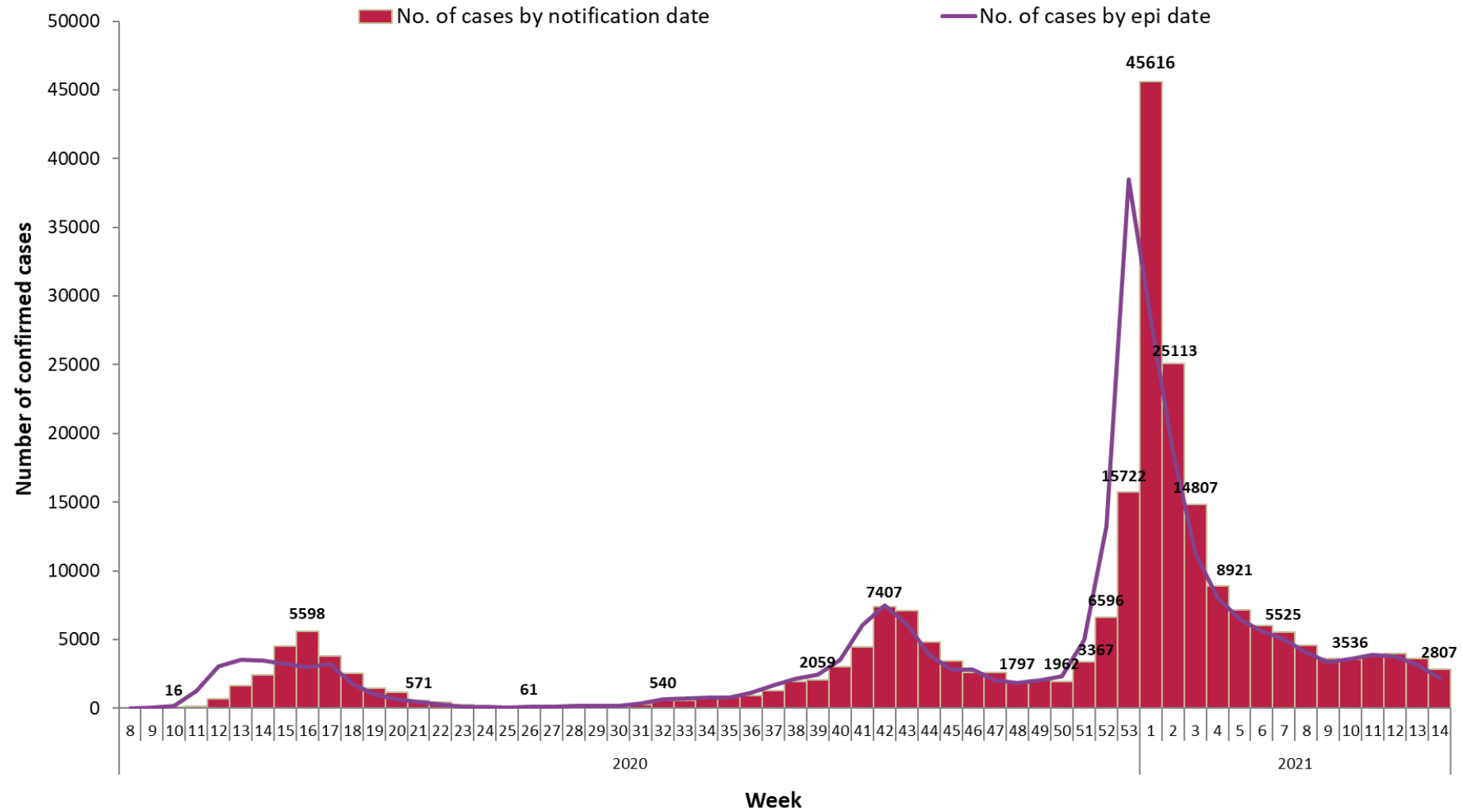


Figure 1a: Number of confirmed COVID-19 cases by notification week and epidemiological week in Ireland between week 8, 2020 and week 14, 2021

At the end of week 53 a significant number of cases were awaiting processing, as a result the number of cases reported in week 53 is reduced and the number of cases reported in week 1 is inflated

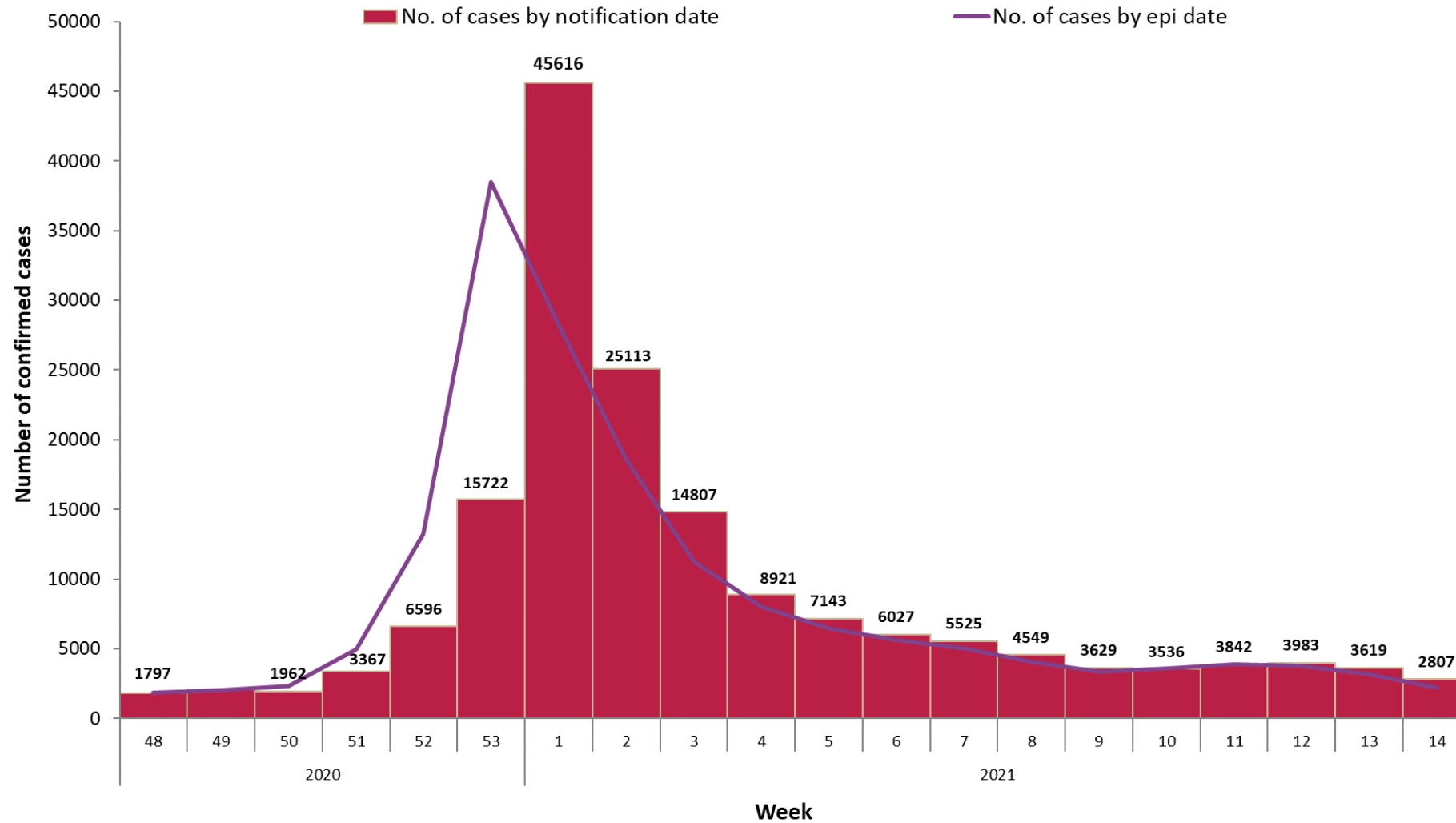


Figure 1b: Number of confirmed COVID-19 cases by notification week and epidemiological week in Ireland between week 48, 2020 and week 14, 2021

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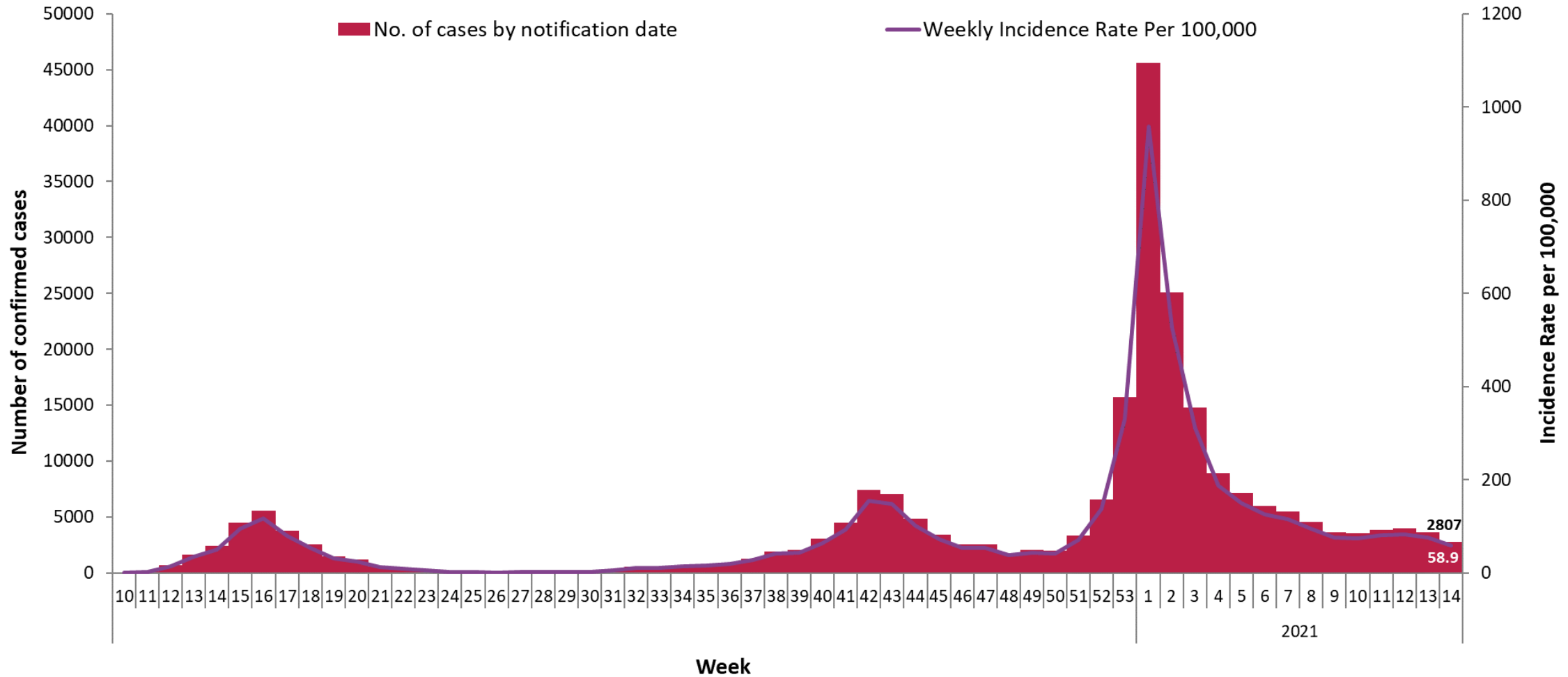


Figure 2: Number of confirmed COVID-19 cases by notification week and weekly incidence rate per 100,000 population in Ireland between week 10, 2020 and week 14, 2021

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Population data were taken from Census 2016

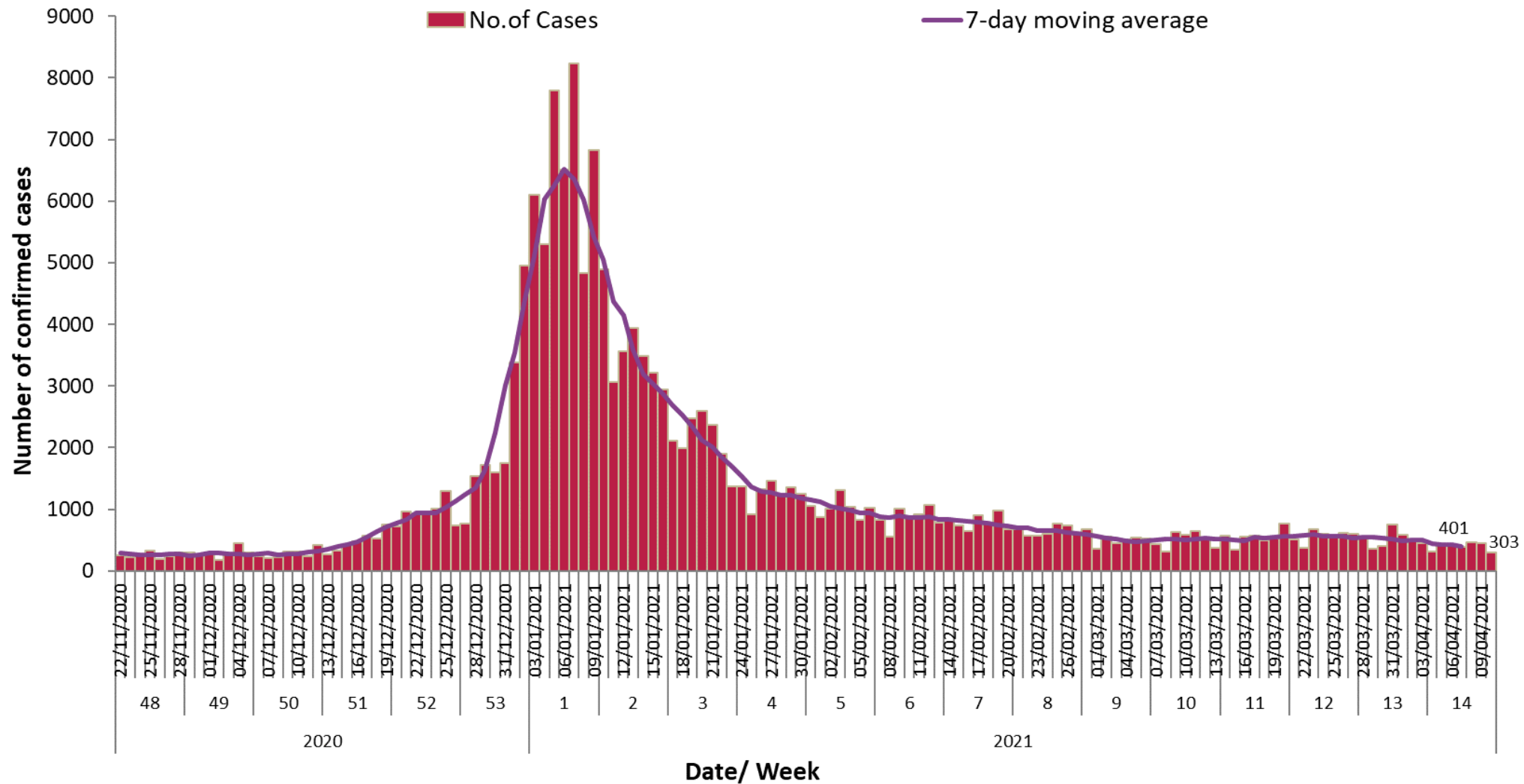


Figure 3: Number of confirmed COVID-19 cases, and 7-day moving average, by notification date in Ireland between week 48, 2020 and week 14, 2021

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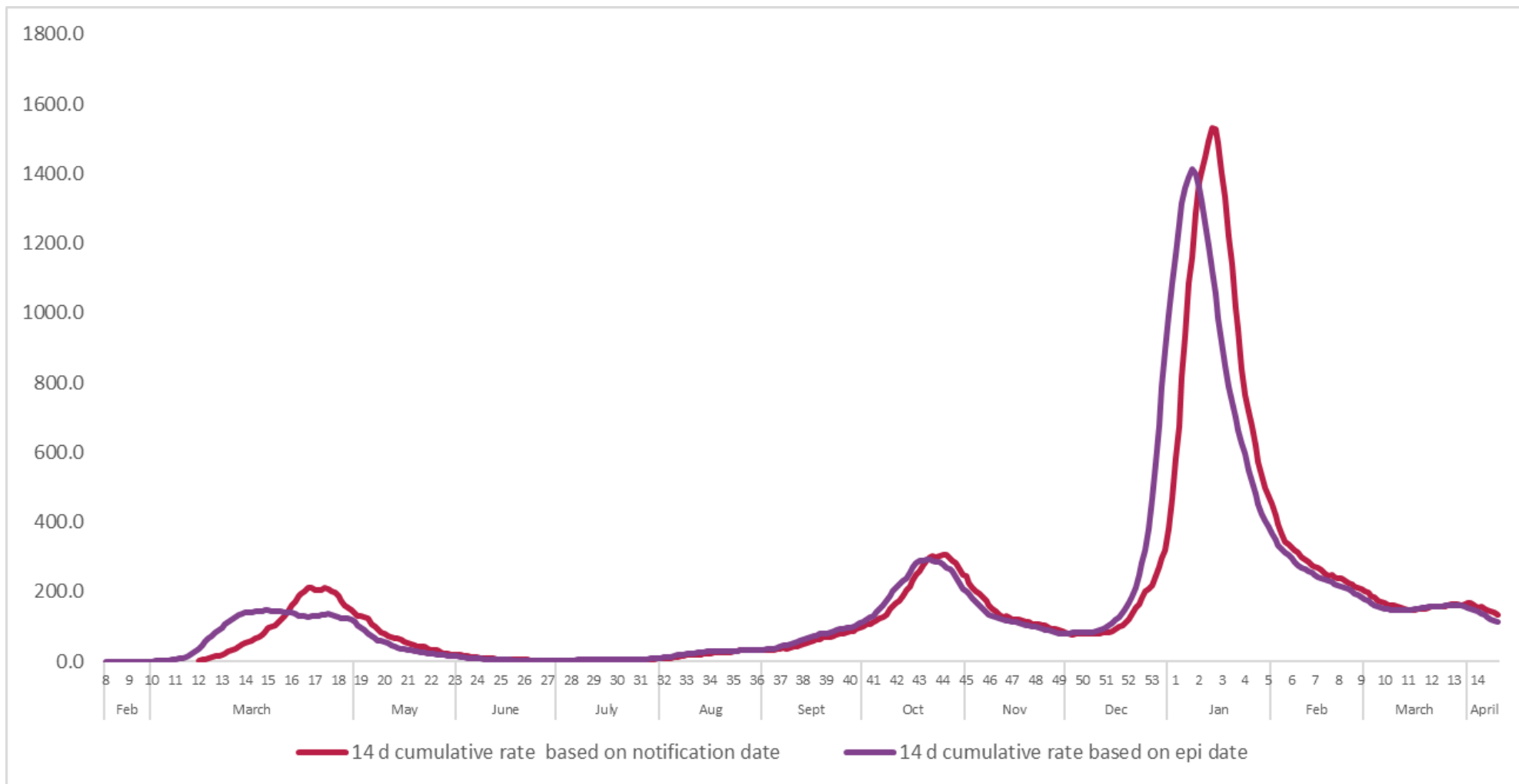


Figure 4a : Cumulative 14-day incidence rate of confirmed COVID-19 cases per 100,000 population notified in Ireland by notification and epidemiological date* between week 8, 2020 and week 14, 2021

At the end of week 53 a significant number of cases were awaiting processing, as a result the number of cases reported in week 53 is reduced and the number of cases reported in week 1 is inflated

*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. Please note that the trend in cases by epidemiological date will show a lag for recent days and therefore should be interpreted with caution.

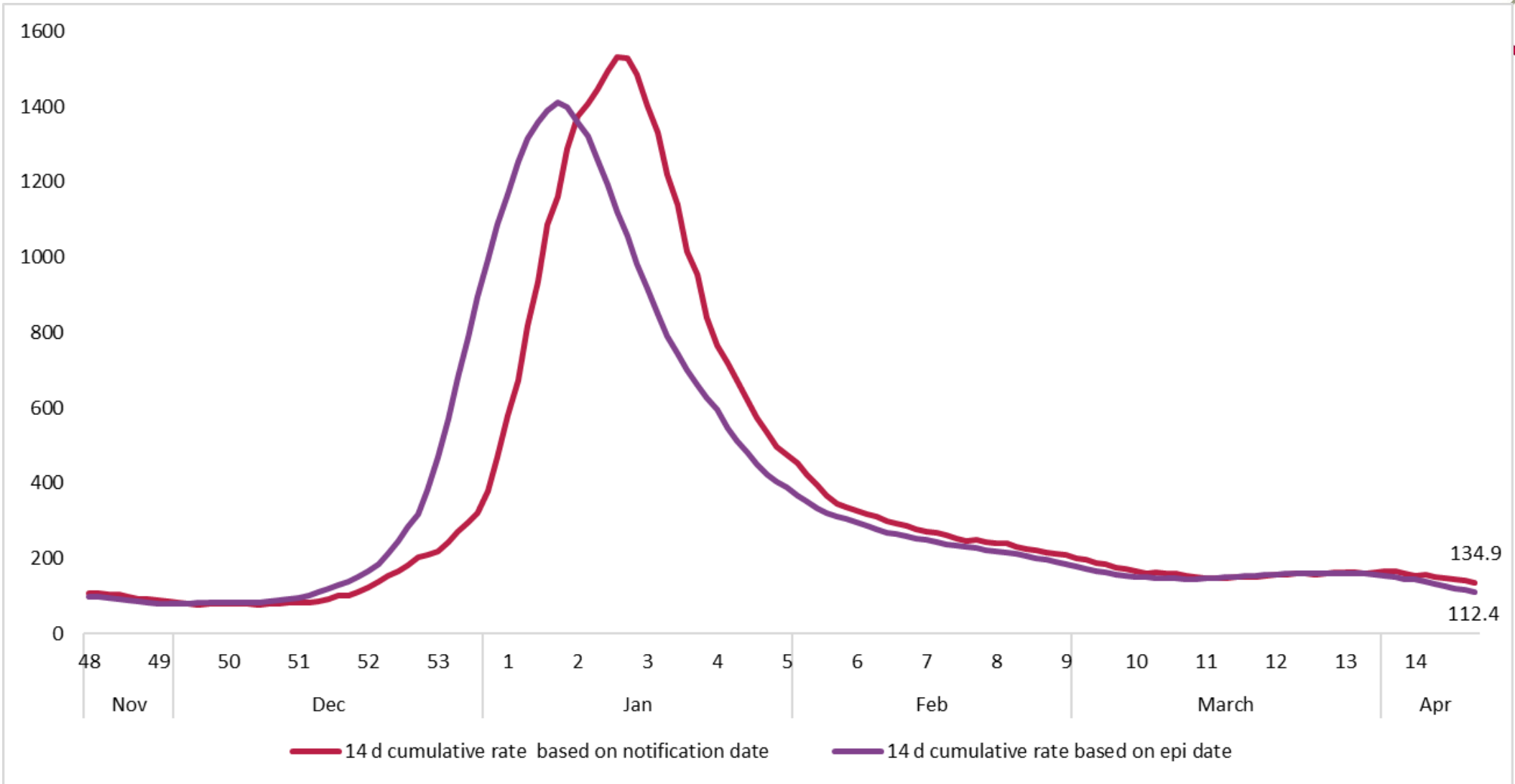


Figure 4b: Cumulative 14-day incidence rate of confirmed COVID-19 cases per 100,000 population notified in Ireland by notification and epidemiological date between week 48, 2020 and week 14, 2021

At the end of week 53 a significant number of cases were awaiting processing, as a result the number of cases reported in week 53 is reduced and the number of cases reported in week 1 is inflated

Table 1: Characteristics of confirmed COVID-19 cases notified in Ireland during week 14, 2021

Characteristic		Week 14	Percent
Total number of confirmed cases		2,807	100
Sex	Male:Female ratio	1.05	
	Male	1,436	51.2
	Female	1,368	48.7
	Unknown	3	0.1
Age	Mean age (years)	31	
	Median age (years)	32	
	Age range (years)	0 - 90	
	0-4 yrs	162	5.8
	5-12 yrs	399	14.2
	13-18 yrs	210	7.5
	19-24 yrs	343	12.2
	25-34 yrs	479	17.1
	35-44 yrs	515	18.3
	45-54 yrs	324	11.5
	55-64 yrs	211	7.5
	65-74 yrs	100	3.6
	75-84 yrs	52	1.9
	85+ yrs	12	0.4
Symptomatic*	Yes	1,128	40.2
	No	473	16.9
	Unknown	1,206	43.0

*Symptom status is recorded at the time of test and is not updated; therefore, a proportion of the asymptomatic cases may subsequently develop symptoms however this will not be captured in the data

Figure 5a: 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 14, 2021

(excluding 43 cases for whom age is unknown, 84 cases for whom sex is unknown and one case for whom both are unknown)

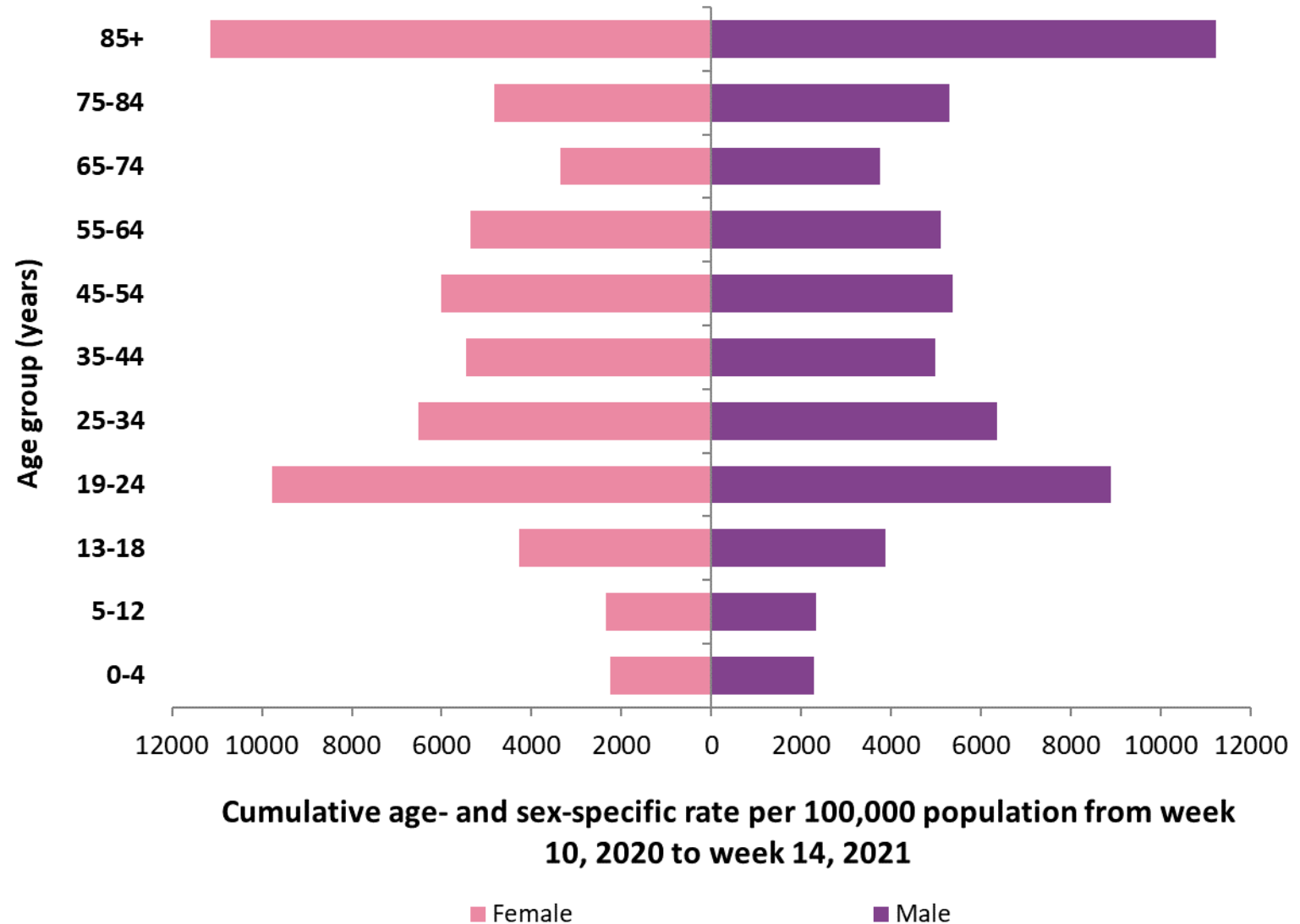


Figure 5b: Cumulative age- and sex-specific incidence rates of confirmed COVID-19 cases per 100,000 population notified in Ireland between week 48, 2020 and week 14, 2021

(excluding 18 cases for whom age is unknown, and 76 cases for whom sex is unknown)

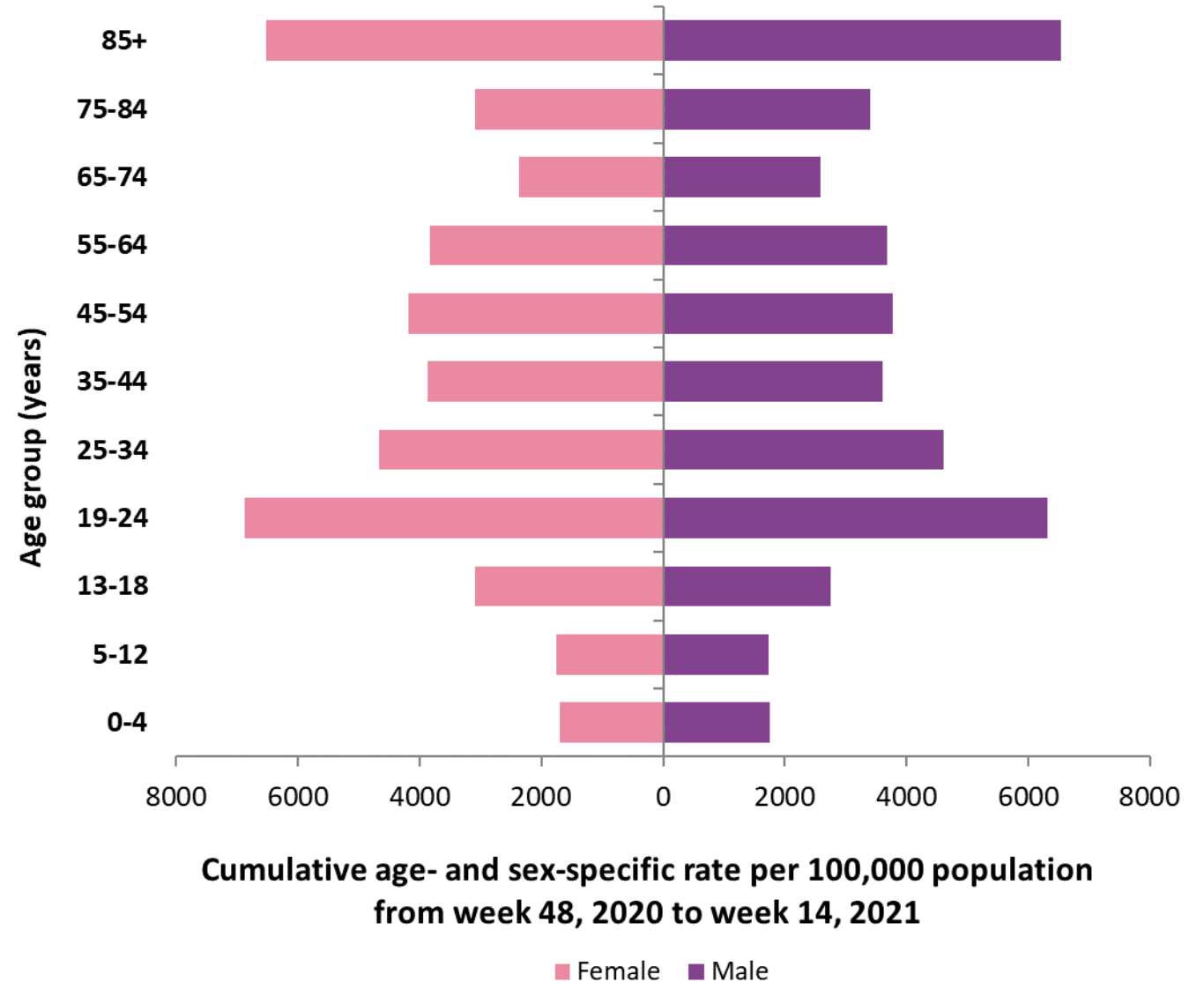
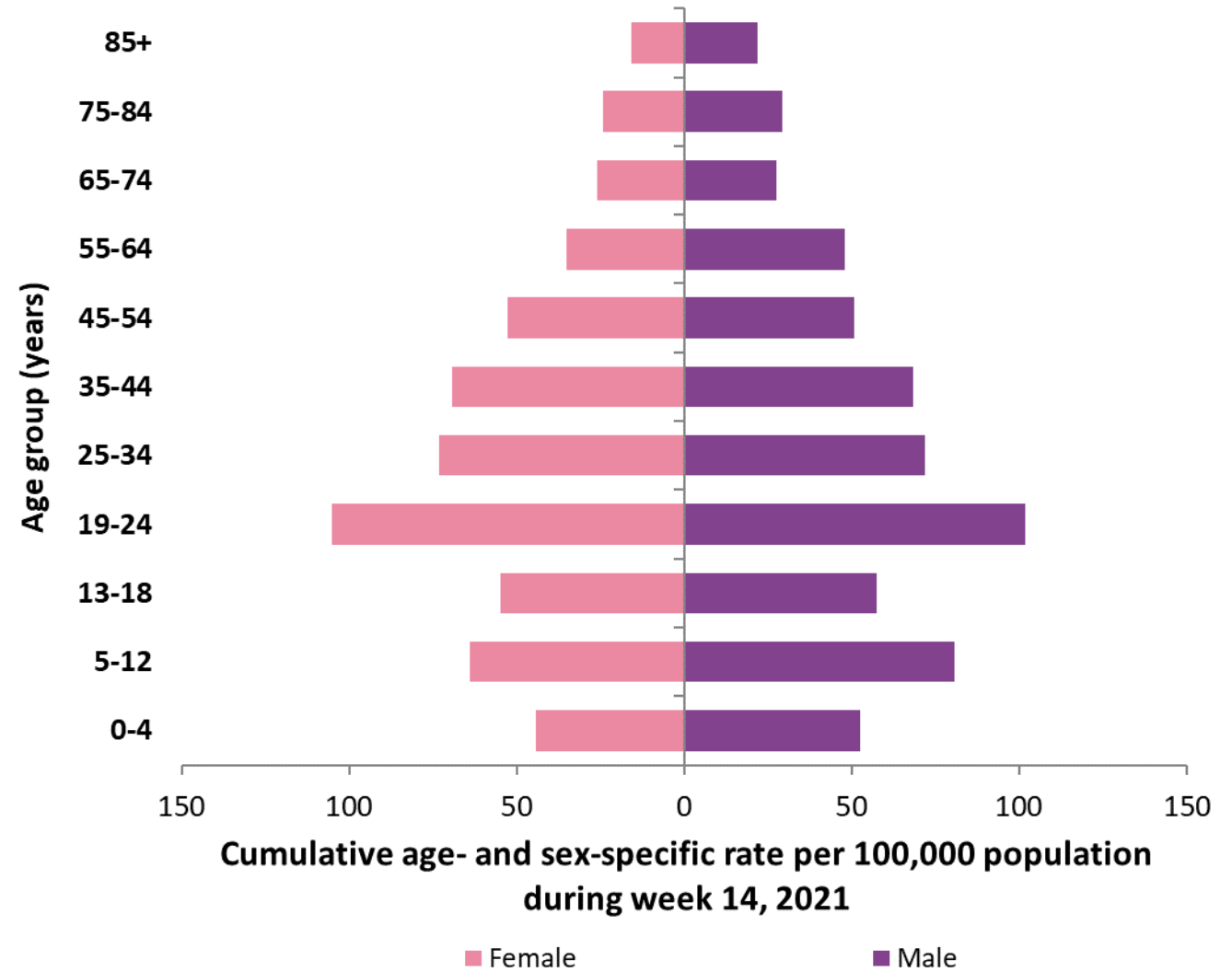


Figure 5c: Cumulative age- and sex-specific incidence rates of confirmed COVID-19 cases per 100,000 population notified in Ireland during week 14, 2021

(excluding 3 cases for whom sex is unknown)



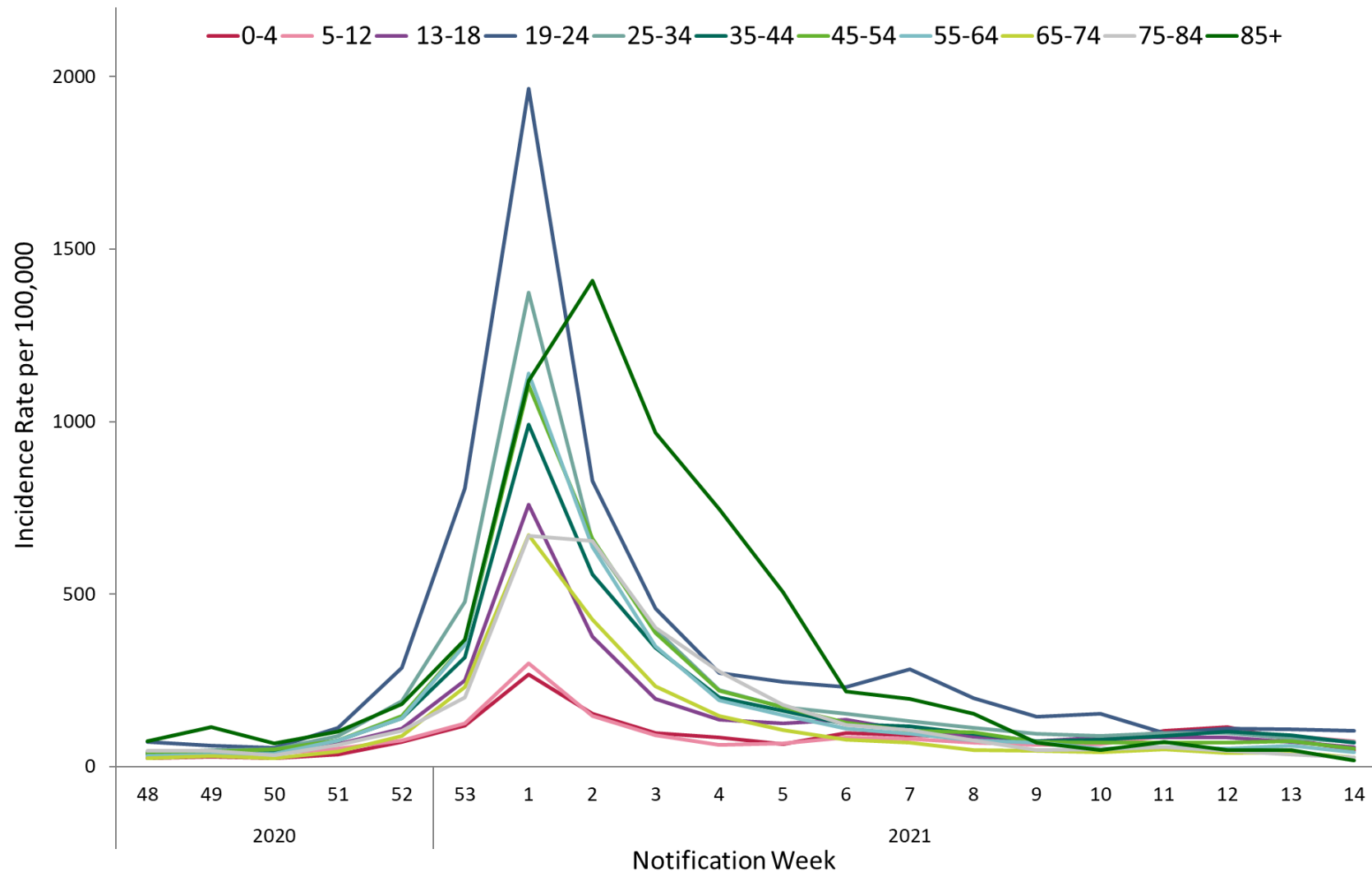


Figure 6a: Weekly age-specific incidence rates of confirmed COVID-19 cases per 100,000 population in Ireland between week 48, 2020 and week 14, 2021

At the end of week 53 a significant number of cases were awaiting processing, as a result the incidence rates reported in week 53 are reduced and the incidence rates reported in week 1 are inflated.

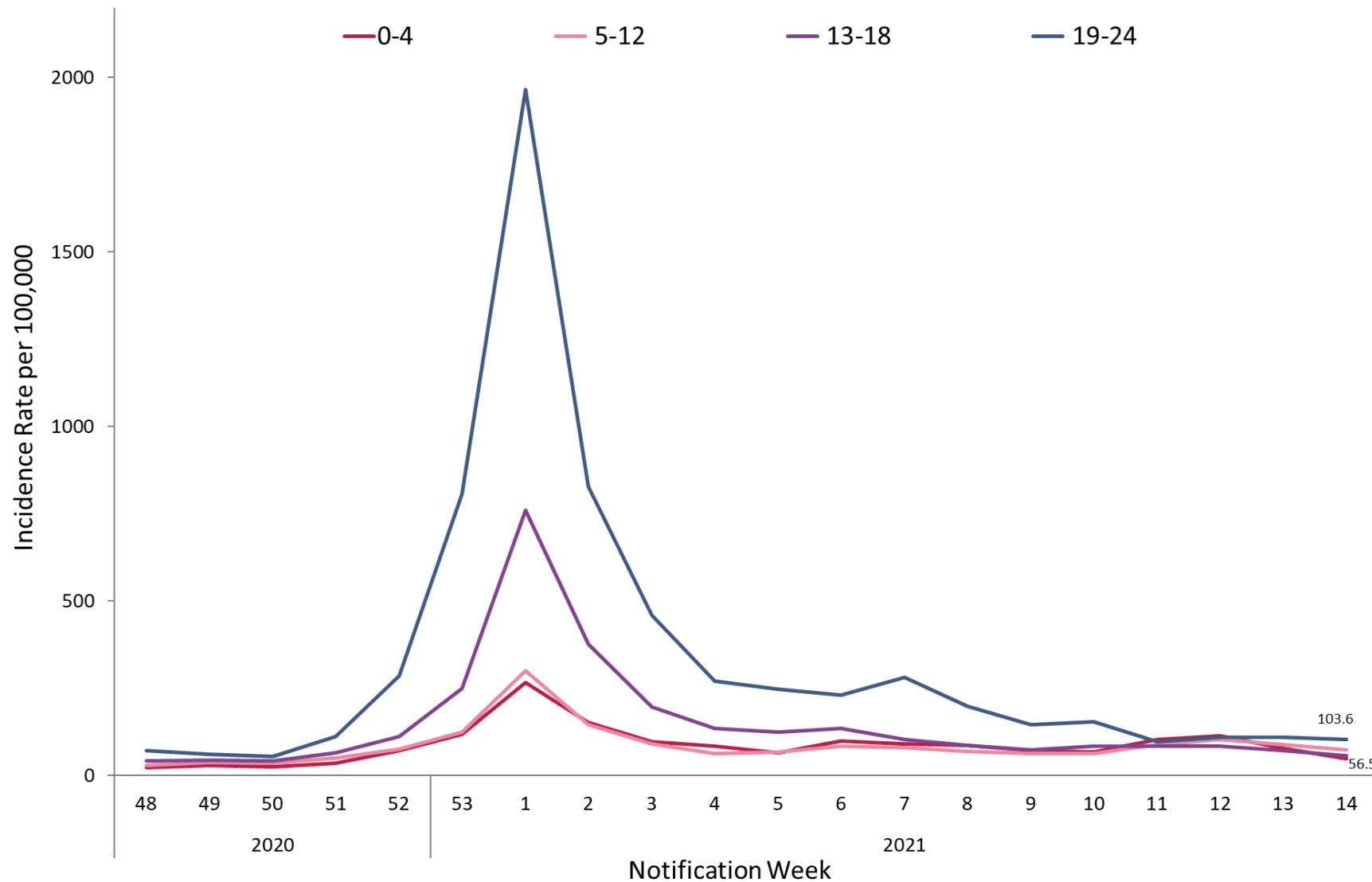


Figure 6b: Weekly age-specific incidence rates of confirmed COVID-19 cases per 100,000 population in Ireland between week 48, 2020 and week 14, 2021

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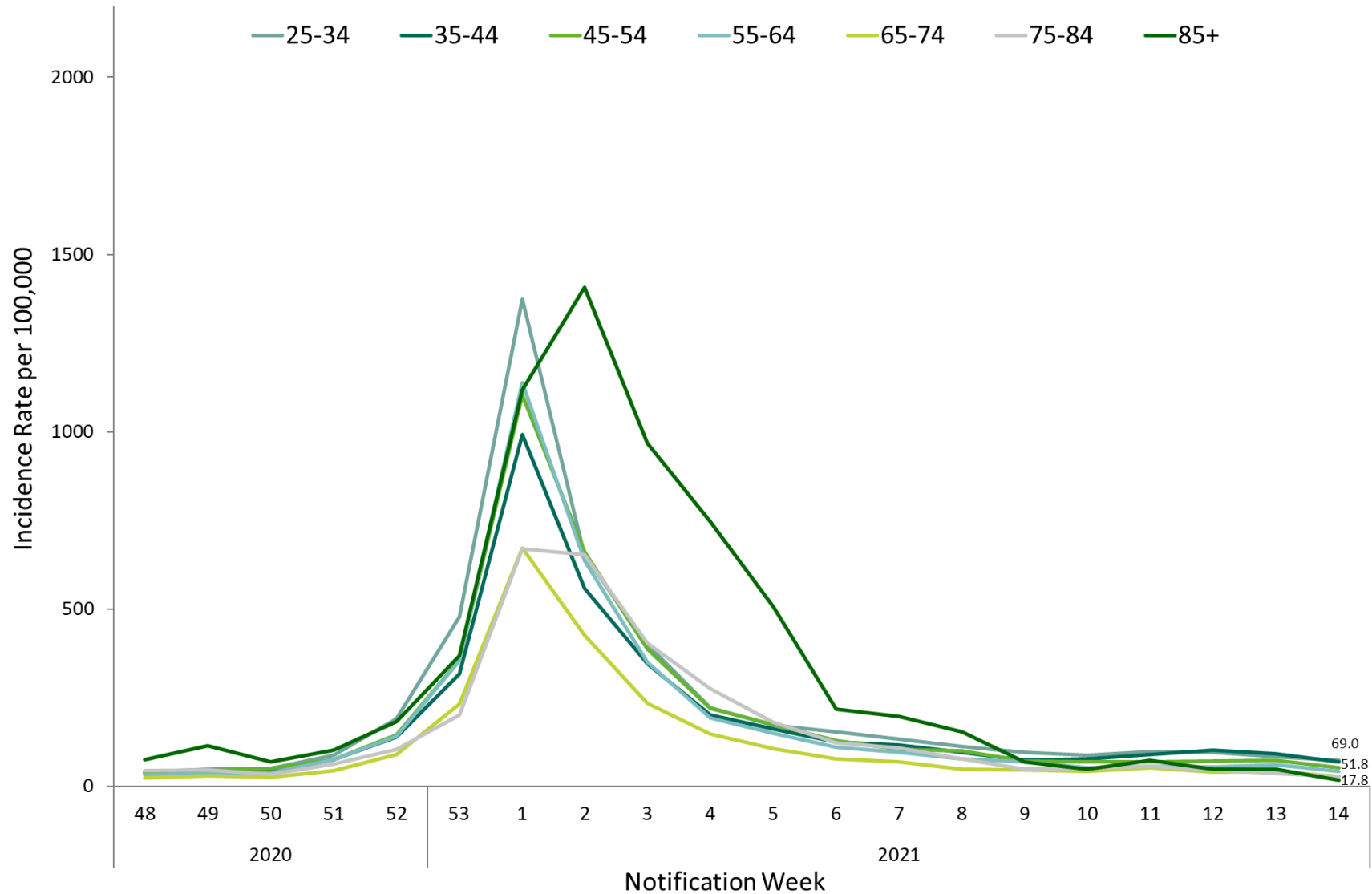


Figure 6c: Weekly age-specific incidence rates of confirmed COVID-19 cases per 100,000 population in Ireland between week 48, 2020 and week 14, 2021

At the end of week 53 a significant number of cases were awaiting processing, as a result the incidence rates reported in week 53 are reduced and the incidence rates reported in week 1 are inflated.

		Age Range												
		0-4	5-12	13-18	19-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	National	
2020	48	23.2	29.7	40.9	72.2	39.0	37.1	39.6	30.5	24.1	44.8	74.0	37.7	
	49	28.7	38.1	43.1	60.7	48.8	40.3	44.1	35.8	30.3	45.8	114.0	42.5	
	50	24.7	36.5	40.9	55.3	50.3	41.6	49.0	37.3	24.9	33.6	68.1	41.2	
	51	35.3	51.4	65.1	112.0	88.0	75.8	75.2	75.3	44.2	62.1	100.7	70.7	
	52	72.4	74.9	110.9	286.2	190.0	139.8	145.8	141.1	88.9	102.8	182.1	138.5	
	53	117.9	125.4	250.0	806.4	478.5	316.2	355.1	352.7	231.3	201.0	367.1	330.2	
2021	Notification Week	1	266.4	299.8	759.7	1964.3	1374.3	991.6	1104.4	1139.4	670.9	669.2	1117.6	957.9
		2	152.6	146.0	376.2	828.5	652.1	557.1	660.5	635.8	425.4	653.4	1407.7	527.4
		3	97.1	91.5	197.0	458.6	398.5	345.6	387.4	349.3	233.7	402.5	968.1	310.9
		4	84.2	63.8	135.1	271.1	221.0	200.2	218.8	192.2	146.7	274.8	746.1	187.3
		5	64.9	68.2	124.3	246.7	171.5	161.7	173.2	149.1	106.6	179.1	506.3	150.0
		6	98.3	85.3	135.1	230.7	152.4	124.0	127.6	110.0	77.6	121.6	217.6	126.6
		7	91.7	79.5	103.1	281.7	131.8	115.8	104.0	95.1	68.8	106.9	196.9	116.0
		8	86.0	68.7	87.5	198.4	112.8	95.5	99.2	76.8	48.5	76.8	152.5	95.5
		9	70.9	62.7	74.3	144.9	96.0	73.1	70.9	69.6	46.3	48.9	69.6	76.2
		10	66.4	64.2	85.0	153.7	87.8	77.8	68.4	51.9	42.0	49.9	47.4	74.3
		11	103.2	88.6	83.4	97.5	98.3	89.6	69.0	55.6	51.1	55.5	72.5	80.7
		12	113.7	102.8	84.2	109.9	96.3	100.7	70.0	53.2	39.1	46.3	47.4	83.6
		13	77.2	89.5	72.4	109.0	82.3	90.5	73.0	60.3	42.0	35.1	48.8	76.0
		14	48.9	72.7	56.5	103.6	72.6	69.0	51.8	41.5	26.8	26.5	17.8	58.9

Figure 7: Heat map of weekly age-specific incidence rates of confirmed COVID-19 cases per 100,000 population in Ireland between week 48, 2020 and week 14, 2021

At the end of week 53 a significant number of cases were awaiting processing, as a result the incidence rates reported in week 53 are reduced and the incidence rates reported in week 1 are inflated.

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

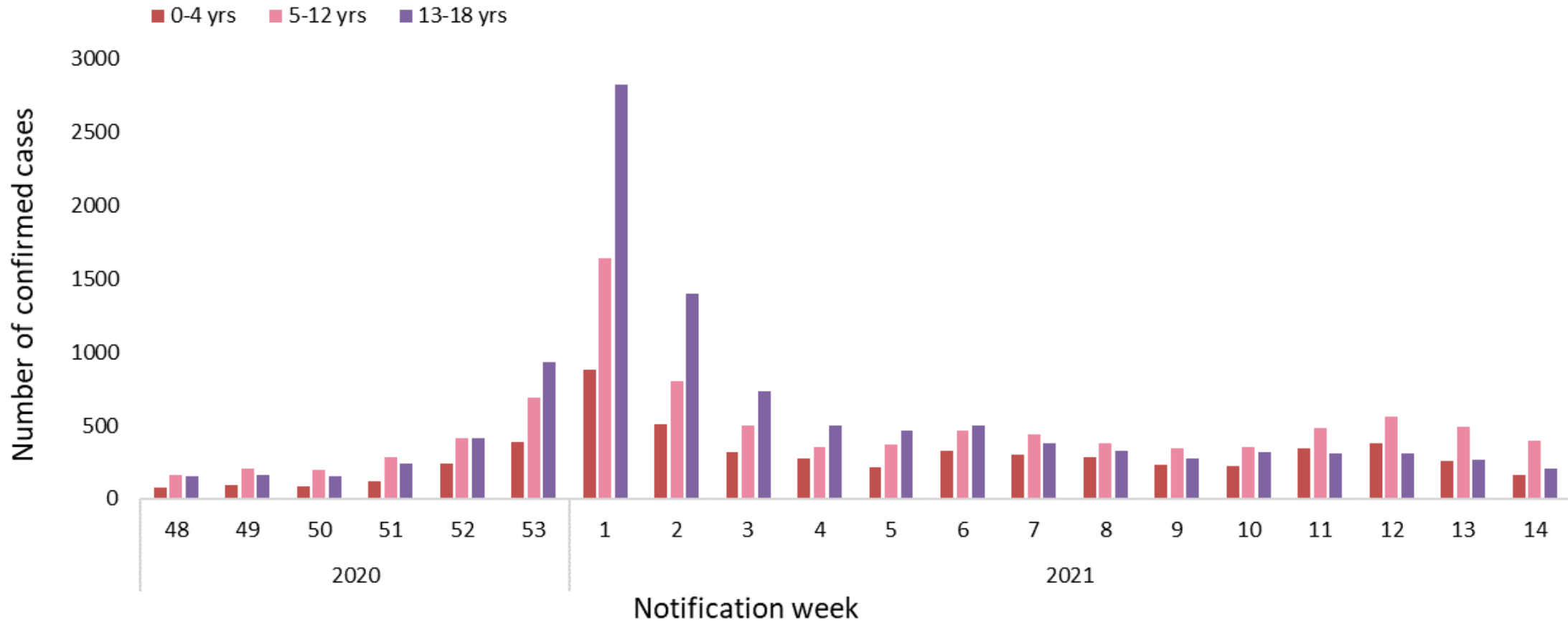


Figure 8: Weekly number of age-specific confirmed COVID-19 cases by notification week in Ireland between week 48, 2020 and week 14, 2021

At the end of week 53 a significant number of cases were awaiting processing, as a result the incidence rates reported in week 53 are reduced and the incidence rates reported in week 1 are inflated.

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

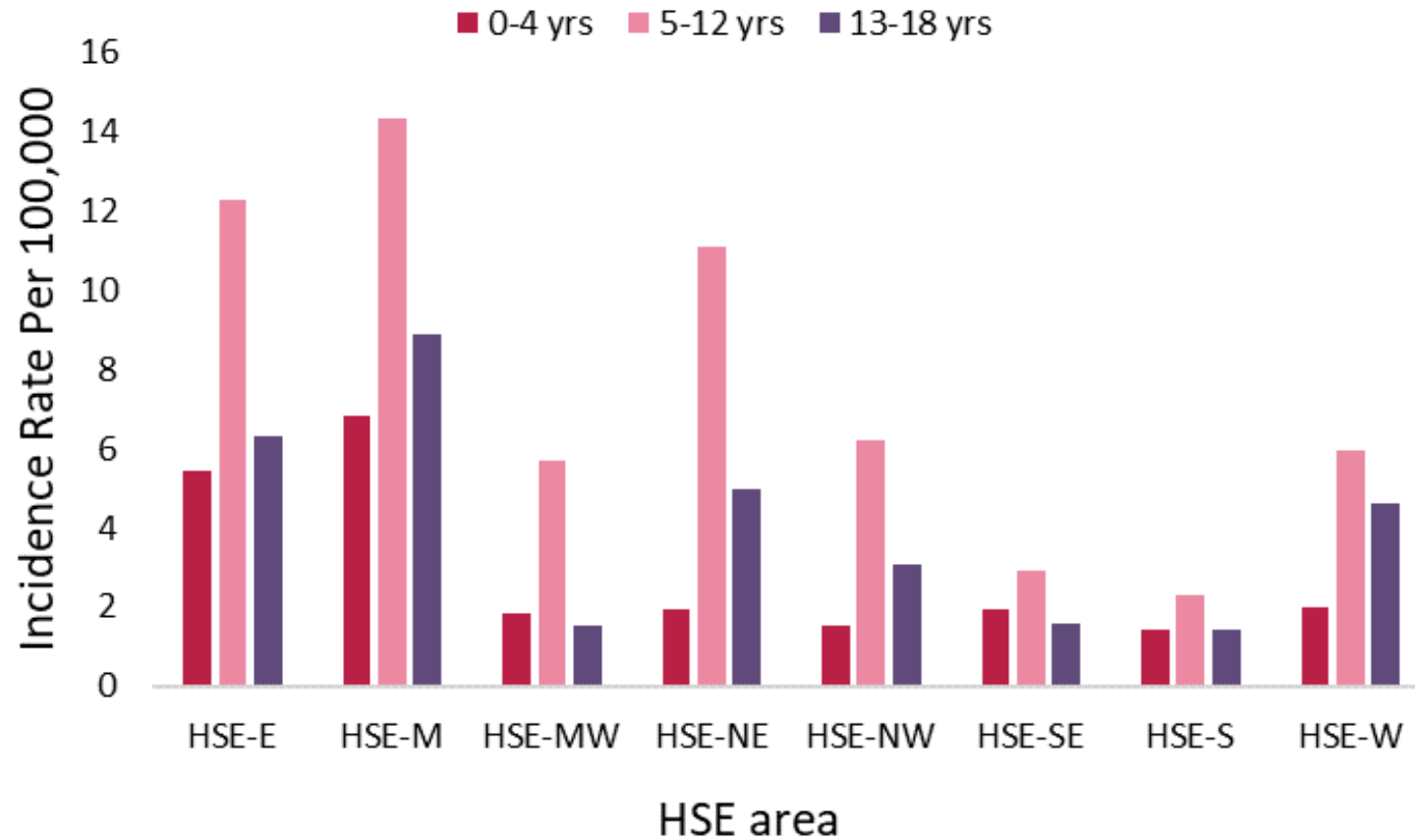


Figure 9: Age-specific incidence rates of confirmed COVID-19 cases per 100,000 population, by HSE area, notified in Ireland during week 14, 2021

Table 2: Characteristics of confirmed COVID-19 cases by county notified in Ireland, during week 14, 2021

County	Cases		M:F ratio	Median age	Incidence Rate per 100,000
	N	%		(years)	
Kildare	239	8.5	0.8	34	107.4
Dublin	1282	45.7	1.0	31	95.1
Offaly	68	2.4	0.9	31	87.2
Westmeath	70	2.5	1.2	33.5	78.9
Donegal	120	4.3	1.1	37	75.4
Longford	30	1.1	2.0	21	73.4
Meath	141	5.0	0.9	34	72.3
Laois	59	2.1	1.3	32	69.7
Cavan	50	1.8	1.5	18	65.6
Monaghan	40	1.4	1.0	31.5	65.2
Louth	68	2.4	1.5	39.5	52.8
Wicklow	65	2.3	1.0	24	45.6
Galway	115	4.1	0.8	24	44.6
Mayo	53	1.9	1.5	33	40.6
Roscommon	23	0.8	1.9	38	35.6
Wexford	49	1.7	1.6	25	32.7
Tipperary	52	1.9	1.2	29.5	32.6
Limerick	55	2.0	1.0	25	28.2
Waterford	29	1.0	0.6	31	25.0
Cork	130	4.6	1.2	22	23.9
Kerry	27	1.0	2.4	23	18.3
Leitrim	5	0.2	4.0	40	15.6
Clare	16	0.6	0.6	34.5	13.5
Carlow	7	0.2	0.2	25	12.3
Sligo	8	0.3	3.0	40.5	12.2
Kilkenny	6	0.2	2.0	24.5	6.0

		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
2020	48	31.6	19.7	14.3	24.5	111.2	43.6	20.2	21.0	21.1	83.6	28.3	3.1	60.5	41.6	75.3	36.8	24.1	31.0	23.1	23.2	21.4	45.1	41.3	13.5	7.3	52.7	37.7
	49	72.0	40.7	19.4	13.4	112.4	50.9	31.0	12.2	27.4	86.7	26.0	12.5	79.5	44.0	83.0	43.7	25.1	97.7	34.6	24.8	15.3	44.5	21.5	13.5	12.0	68.1	42.5
	50	82.6	68.3	12.6	12.9	107.4	42.2	28.7	8.1	30.1	111.9	69.7	12.5	50.8	97.9	93.1	65.9	34.4	39.1	30.8	20.1	33.6	38.9	46.5	15.8	24.0	35.8	41.2
	51	110.7	106.3	14.3	38.9	154.5	81.8	23.3	99.5	55.3	84.7	105.1	12.5	99.5	46.5	144.3	50.6	74.3	86.3	34.6	21.7	59.5	27.0	59.4	28.2	142.9	32.3	70.7
	52	108.9	89.3	104.4	123.4	271.4	166.5	98.8	148.9	113.7	185.4	86.2	56.2	227.3	34.3	166.8	79.7	105.6	202.0	46.2	66.6	131.2	72.1	99.0	80.0	204.4	81.4	138.5
	53	244.2	506.7	396.4	282.4	553.4	276.3	275.9	299.2	164.9	305.3	331.8	287.1	613.1	340.1	774.3	491.2	372.2	858.5	310.4	311.4	497.4	198.1	233.3	247.8	281.2	118.7	330.2
2021	1	1082.0	976.7	990.6	1054.8	853.1	1196.9	454.2	761.0	806.3	851.5	540.8	424.4	1224.2	567.6	1430.0	669.7	768.5	1668.1	554.1	416.8	630.2	614.2	1301.5	451.7	1178.2	498.5	957.9
	2	669.2	447.6	471.3	527.6	532.1	561.2	630.1	281.0	397.7	314.4	429.8	149.8	641.9	178.6	810.8	970.8	458.9	1008.4	404.0	503.5	212.1	411.1	571.5	243.3	665.2	313.8	527.4
	3	430.3	347.9	193.6	273.0	294.0	371.9	251.9	156.4	307.4	153.2	236.1	137.3	310.9	212.9	450.8	350.9	318.9	659.8	311.7	147.2	216.7	245.7	395.1	169.0	393.4	221.9	310.9
	4	263.5	141.8	109.4	151.8	185.3	229.6	170.5	81.9	147.4	84.7	146.4	74.9	172.4	181.0	284.8	223.0	184.1	415.4	215.5	68.2	138.9	147.3	285.8	117.2	241.1	127.8	187.3
	5	187.9	116.8	75.7	120.1	128.1	181.6	163.9	71.1	152.8	72.6	160.6	84.3	140.6	127.2	184.7	155.5	163.6	347.0	136.0	62.0	112.9	73.3	207.4	121.7	209.7	106.7	150.0
	6	159.8	153.6	63.1	60.1	70.4	185.1	150.4	35.9	125.8	59.5	154.7	59.3	115.4	119.9	156.7	123.4	136.9	166.2	203.9	57.3	56.5	83.4	127.4	119.4	106.9	67.4	126.6
	7	89.6	112.9	80.8	37.2	80.4	157.0	180.2	12.9	144.7	48.4	147.6	96.7	139.0	173.7	135.0	136.4	110.7	164.5	221.9	48.0	45.8	109.7	136.9	100.3	64.1	50.6	116.0
	8	100.1	61.7	69.9	28.7	107.4	131.4	97.7	36.6	104.7	33.3	113.3	59.3	139.6	193.3	131.9	93.5	110.7	78.2	180.9	55.8	41.2	82.1	73.2	139.7	38.7	48.4	95.5
	9	58.0	48.6	55.5	27.6	53.4	116.7	54.3	27.8	73.7	30.2	62.6	21.8	72.9	217.7	105.5	69.7	109.2	52.1	166.8	58.9	32.0	62.7	38.7	103.6	34.7	49.1	76.2
	10	43.9	21.0	21.0	26.2	94.2	106.9	64.7	26.4	144.7	13.1	31.9	18.7	71.8	178.6	67.5	55.9	96.4	44.0	224.5	68.2	44.3	48.3	56.8	67.6	45.4	39.3	74.3
	11	84.3	64.3	36.2	19.9	117.5	121.6	70.1	26.4	107.0	23.2	55.5	21.8	45.2	117.4	66.7	16.1	120.5	26.1	180.9	85.2	54.9	103.4	79.2	68.7	77.5	52.0	80.7
	12	29.9	84.0	26.9	22.3	166.5	124.6	49.2	6.8	114.6	27.2	106.3	37.4	54.9	75.8	92.3	42.9	108.7	17.9	260.4	51.1	13.7	92.8	41.3	117.2	70.8	68.1	83.6
	13	26.3	98.5	24.4	34.4	85.4	117.6	43.8	18.3	105.6	9.1	138.1	31.2	39.0	73.4	73.7	50.6	99.0	52.1	193.7	51.1	10.7	52.6	25.8	145.3	54.8	51.3	76.0
	14	12.3	65.6	13.5	23.9	75.4	95.1	44.6	18.3	107.4	6.0	69.7	15.6	28.2	73.4	52.8	40.6	72.3	65.2	87.2	35.6	12.2	32.6	25.0	78.9	32.7	45.6	58.9

Figure 10: Heat map of weekly incidence rates of confirmed COVID-19 cases per 100,000 population, by county, notified in Ireland between week 48, 2020 and week 14, 2021

At the end of week 53 a significant number of cases were awaiting processing, as a result the incidence rates reported in week 53 are reduced and the incidence rates reported in week 1 are inflated.

		HSE-E	HSE-M	HSE-MW	HSE-NE	HSE-NW	HSE-SE	HSE-S	HSE-W	National	
2020	48	41.5	24.3	40.5	38.7	74.4	41.3	23.7	25.4	37.7	
	49	49.3	27.4	50.6	53.7	74.8	43.7	13.2	33.8	42.5	
	50	40.1	46.9	36.4	57.1	76.4	55.6	11.9	38.2	41.2	
	51	74.2	54.7	59.7	101.0	112.0	89.0	51.8	30.9	70.7	
	52	152.5	66.4	169.6	133.2	207.8	136.4	128.9	88.7	138.5	
	53	248.7	302.1	482.9	572.6	504.0	246.1	286.0	343.0	330.2	
2021	Notification Week	1	1088.1	521.0	1016.9	1106.8	745.1	1051.3	991.9	510.9	957.9
		2	519.4	331.2	550.9	629.1	402.4	528.9	474.8	710.2	527.4
		3	351.1	233.3	255.6	406.0	255.1	330.6	248.1	265.5	310.9
		4	210.5	160.8	154.8	236.6	159.0	202.2	136.8	171.0	187.3
		5	171.6	137.5	109.1	186.4	118.6	155.8	109.6	147.0	150.0
		6	167.6	152.2	88.1	149.5	65.1	108.2	54.9	129.3	126.6
		7	146.6	156.7	114.0	125.3	73.3	89.5	32.0	148.8	116.0
		8	121.0	150.5	106.0	104.5	84.1	60.9	30.4	90.5	95.5
		9	105.5	124.5	65.7	90.8	43.8	42.1	27.7	59.4	76.2
		10	106.2	114.6	51.4	69.1	71.7	42.3	26.2	62.7	74.3
		11	113.9	101.6	52.7	83.9	89.2	72.9	21.3	56.7	80.7
		12	118.6	146.4	54.3	88.2	110.9	54.1	19.0	47.7	83.6
		13	110.6	146.1	42.1	85.8	59.3	31.9	31.0	46.8	76.0
		14	92.6	77.7	27.0	65.0	51.6	21.6	22.7	42.2	58.9

Figure 11: Weekly Incidence rates of confirmed COVID-19 cases per 100,000 population, by HSE area, notified in Ireland between week 48, 2020 and week 14, 2021

At the end of week 53 a significant number of cases were awaiting processing, as a result the incidence rates reported in week 53 are reduced and the incidence rates reported in week 1 are inflated

		CHO1	CHO2	CHO3	CHO4	CHO5	CHO6	CHO7	CHO8	CHO9	
2020	48	57.8	25.4	40.5	23.7	41.3	55.3	31.8	34.7	43.9	
	49	72.6	33.8	50.6	13.2	43.7	66.3	34.1	38.1	56.2	
	50	69.8	38.2	36.4	11.9	55.6	47.5	31.5	52.3	45.2	
	51	108.1	30.9	59.7	51.8	89.0	74.1	51.4	79.3	100.3	
	52	186.1	88.7	169.6	128.9	136.4	178.8	129.9	99.3	162.2	
	53	565.3	343.0	482.9	286.0	246.1	259.7	189.3	421.0	309.6	
2021	Notification Week	1	938.5	510.9	1016.9	991.9	1051.3	1025.4	975.8	786.1	1254.6
		2	509.6	710.2	550.9	474.8	528.9	475.0	453.1	469.6	622.3
		3	338.4	265.5	255.6	248.1	330.6	322.3	314.5	304.4	410.4
		4	195.5	171.0	154.8	136.8	202.2	184.8	188.2	194.4	251.7
		5	155.1	147.0	109.1	109.6	155.8	142.5	149.9	154.9	214.4
		6	98.9	129.3	88.1	54.9	108.2	135.4	133.5	147.6	226.3
		7	95.8	148.8	114.0	32.0	89.5	112.0	123.9	137.1	193.8
		8	79.7	90.5	106.0	30.4	60.9	89.5	94.4	133.4	170.7
		9	46.5	59.4	65.7	27.7	42.1	91.1	67.8	115.1	157.2
		10	58.3	62.7	51.4	26.2	42.3	49.3	95.5	98.5	153.5
		11	75.4	56.7	52.7	21.3	72.9	68.1	88.7	99.8	170.7
		12	92.3	47.7	54.3	19.0	54.1	85.3	103.3	122.6	156.6
		13	66.4	46.8	42.1	31.0	31.9	58.7	98.9	115.5	155.8
		14	57.0	42.2	27.0	22.7	21.6	42.8	86.9	70.4	129.9

Figure 12: Weekly Incidence rates of confirmed COVID-19 cases per 100,000 population by CHO notified in Ireland between week 48, 2020 and week 14, 2021

At the end of week 53 a significant number of cases were awaiting processing, as a result the incidence rates reported in week 53 are reduced and the incidence rates reported in week 1 are inflated.

	CCA	CCA1	CCA2	CCA3	CCA4	CCA5	CCA6	CCA7	CCA8	
	LHO	Dublin South	Dublin South East	Dublin South City	Dublin South West	Dublin West	Dublin North West	Dublin North Central	Dublin North	
2020	48	38.2	69.5	34.0	44.1	35.4	43.8	64.0	32.0	
	49	41.9	80.8	32.7	38.5	44.4	60.7	69.2	44.8	
	50	28.7	75.2	30.7	26.7	42.5	34.7	62.1	43.6	
	51	48.5	141.5	46.7	44.1	62.4	104.0	133.3	77.6	
	52	127.1	321.7	120.1	134.9	171.9	172.4	241.3	106.9	
	53	194.7	458.4	217.4	206.3	198.9	327.5	415.3	232.3	
2021	Notification Week	1	798.1	1741.3	955.7	1148.6	1165.2	1441.2	1447.1	990.5
		2	318.2	770.4	388.8	518.3	574.2	730.7	702.5	487.7
		3	234.4	494.7	290.1	284.0	410.7	503.4	502.0	281.3
		4	149.2	265.1	132.1	202.0	306.4	306.8	296.3	181.0
		5	81.6	229.6	108.7	148.5	204.7	262.5	267.8	143.9
		6	84.5	251.4	88.7	134.9	200.8	256.7	361.6	121.2
		7	64.7	220.7	73.4	110.0	169.9	190.3	329.3	115.8
		8	56.6	161.7	56.7	91.4	128.7	154.6	319.6	94.9
		9	63.2	156.8	38.0	59.0	104.9	160.9	269.1	87.6
		10	55.1	47.7	47.4	73.3	105.6	146.4	274.9	86.8
		11	56.6	91.3	53.4	79.6	115.2	172.9	263.3	113.8
		12	52.9	131.0	60.0	104.4	137.8	177.7	177.3	127.3
		13	37.5	81.6	65.4	125.5	106.2	182.6	152.0	136.6
		14	31.6	47.7	59.4	84.5	95.3	157.0	118.4	115.0

Figure 13: Weekly Incidence rates of confirmed COVID-19 cases per 100,000 population cases by Dublin Local Health Offices (LHOs) notified in Ireland between week 48, 2020 and week 14, 2021

At the end of week 53 a significant number of cases were awaiting processing, as a result the incidence rates reported in week 53 are reduced and the incidence rates reported in week 1 are inflated.

Note: Local health offices (LHOs) came into operation on 1st September 2005, replacing Community Care Areas (CCAs). LHO population denominators are used in this report rather than CCA population denominators. The LHO rates were calculated using Census 2016 LHO denominator data extracted from the HSE Health Atlas and are not a direct match to the corresponding CCAs.

Laboratory data for COVID-19 cases

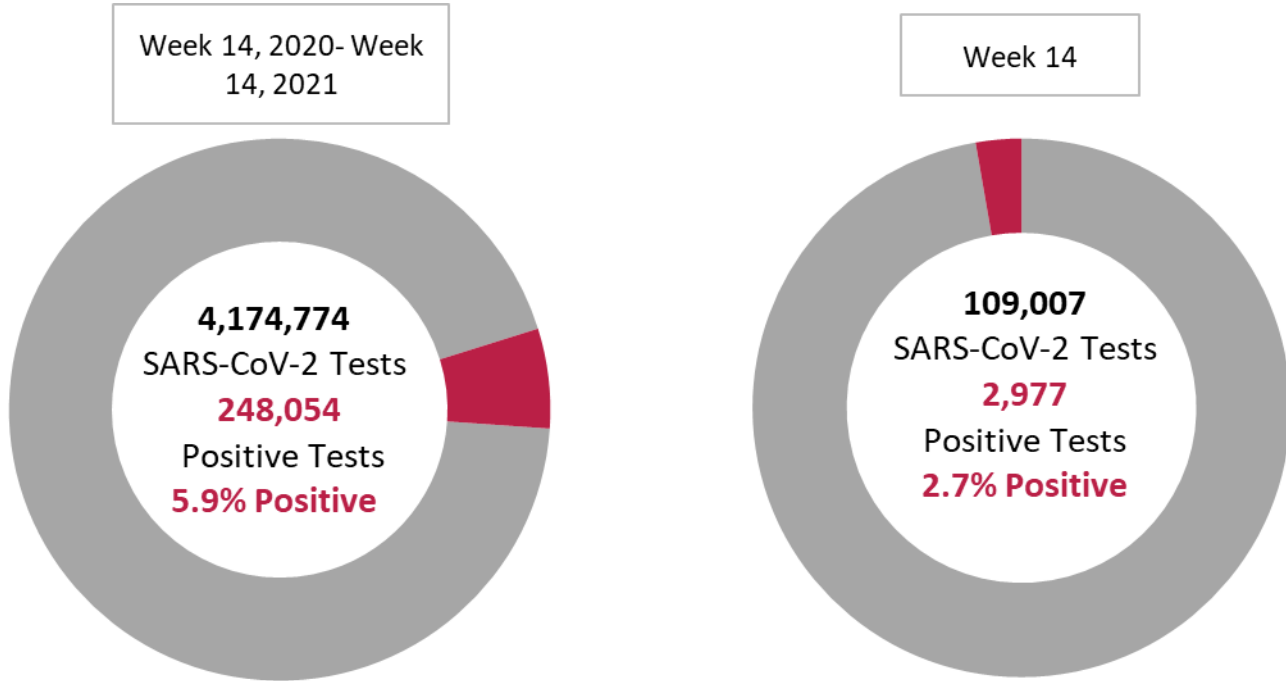


Figure 14a: Number of SARS-CoV-2 tests and positive tests* in Ireland between week 14, 2020 and week 14, 2021

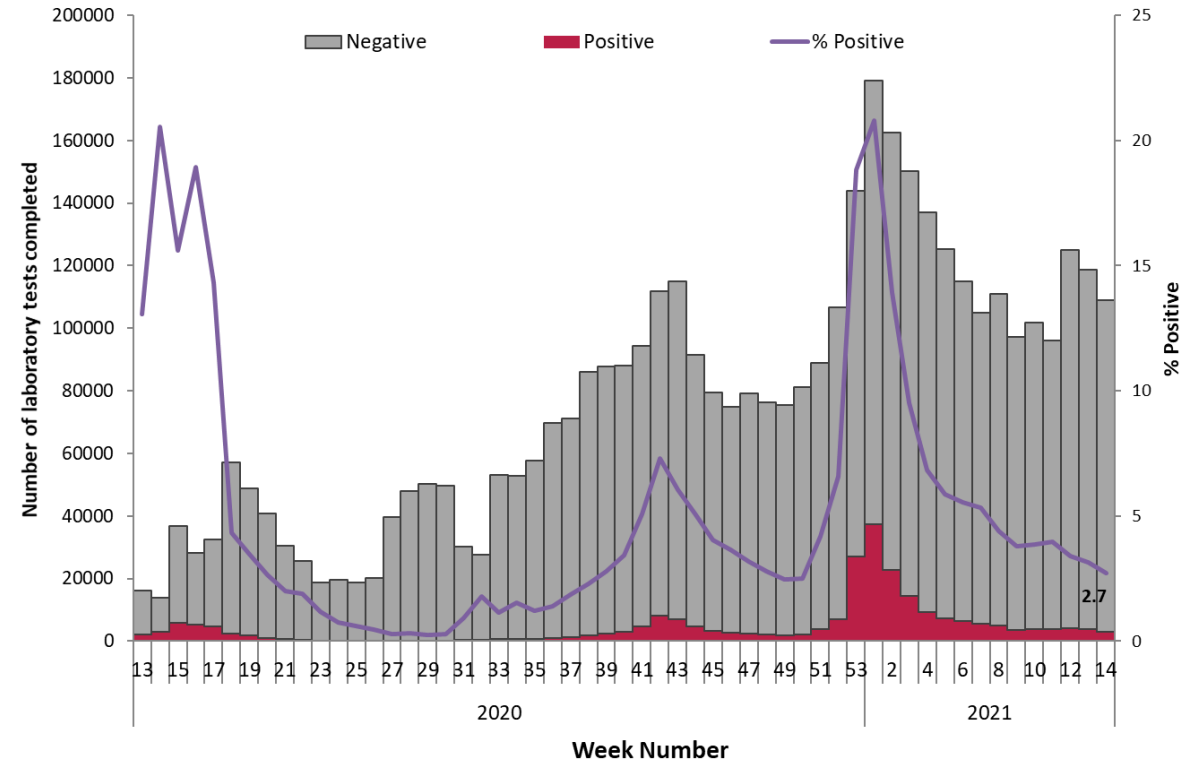
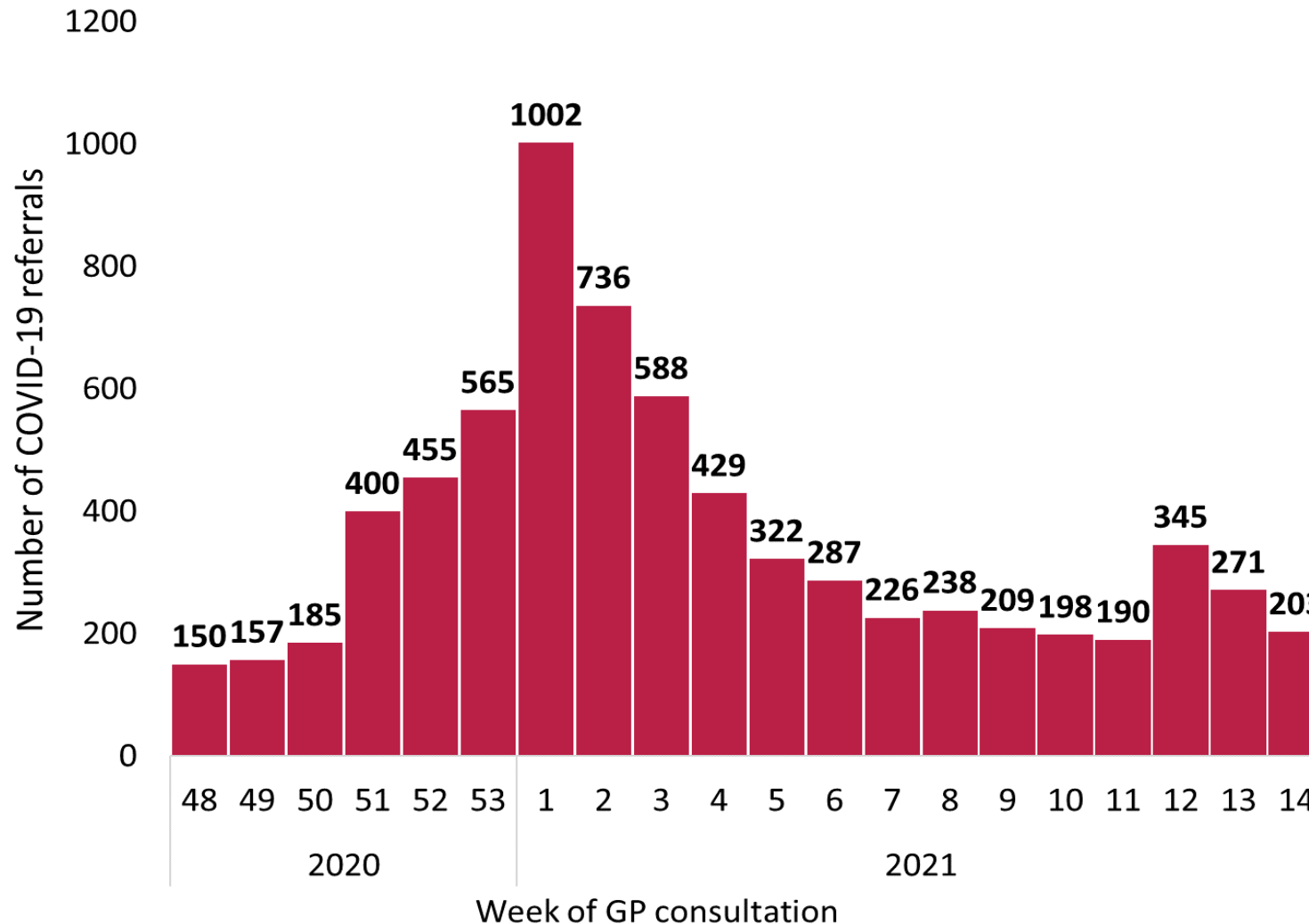


Figure 14b: Number of SARS-CoV-2 negative and positive tests* completed in Ireland between week 14, 2020 and week 14, 2021

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

Number of sentinel GP COVID-19 referrals by week of consultation



- The Irish Sentinel GP Surveillance Scheme is a collaboration between the Health Protection Surveillance Centre, the National Virus Reference Laboratory and the Irish College of General Practitioners.
- The sentinel GP network comprises 60 general practices and 166 practitioners, covering 6.6% of the national population (CSO Census 2016).

Figure 15a: Number of sentinel GP COVID-19 referrals by week of consultation, weeks 48 2020-14 2021, Ireland. The epidemiological week is Monday-Sunday (ISO week) in line with influenza/COVID-19 international reporting to European Centre for Disease Prevention and Control (ECDC).

% SARS-CoV-2 positivity data from sentinel GP COVID-19 referrals tested by NVRL

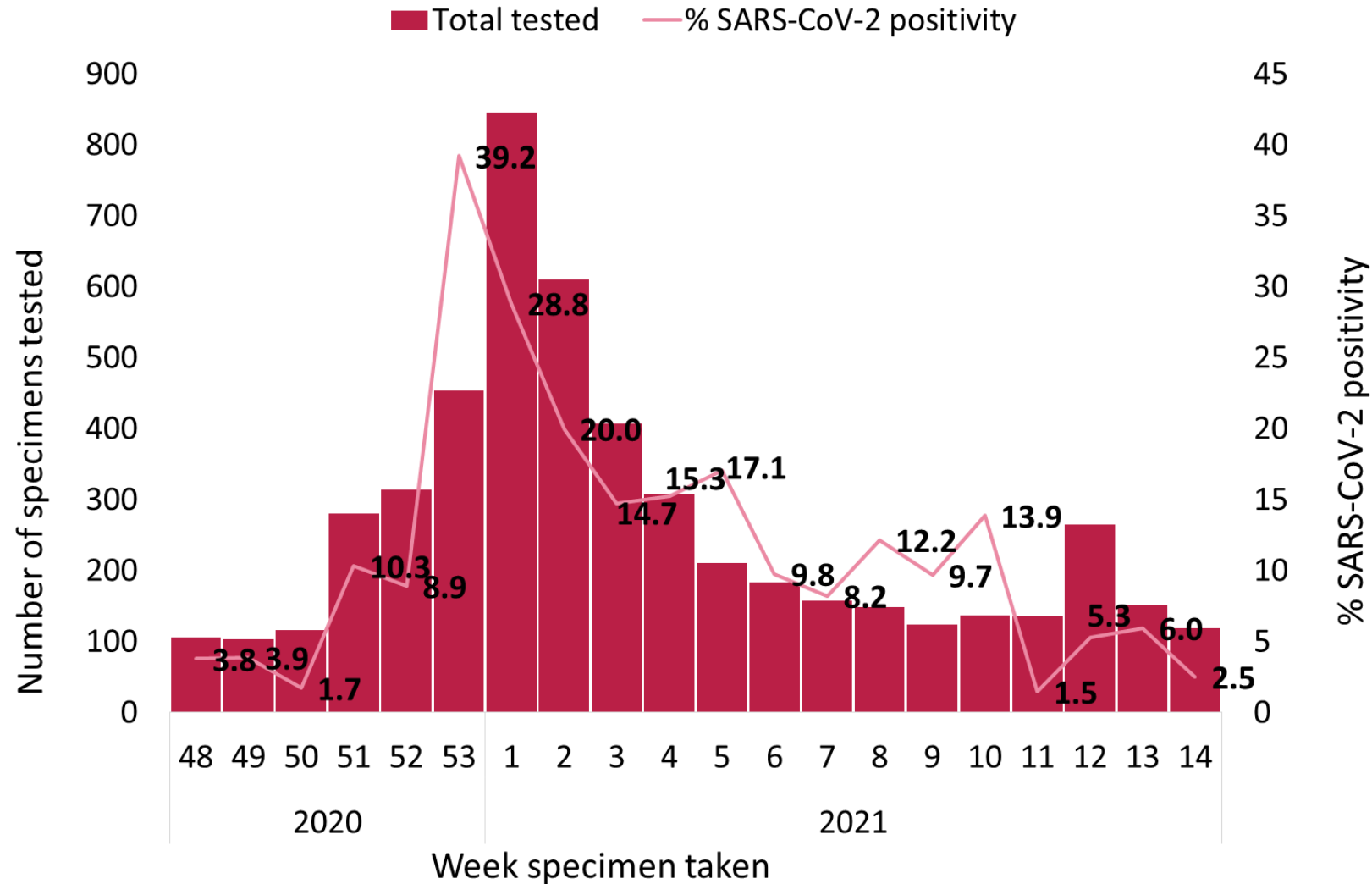


Figure 15b: % SARS-CoV-2 positivity data from sentinel GP COVID-19 referrals tested by the NVRL by week specimen was taken, weeks 48 2020 to 14 2021. The Epidemiological week is Monday to Sunday (ISO week) in line with influenza/COVID-19 international reporting to ECDC.

Hospitalisations and ICU admissions among COVID-19 cases

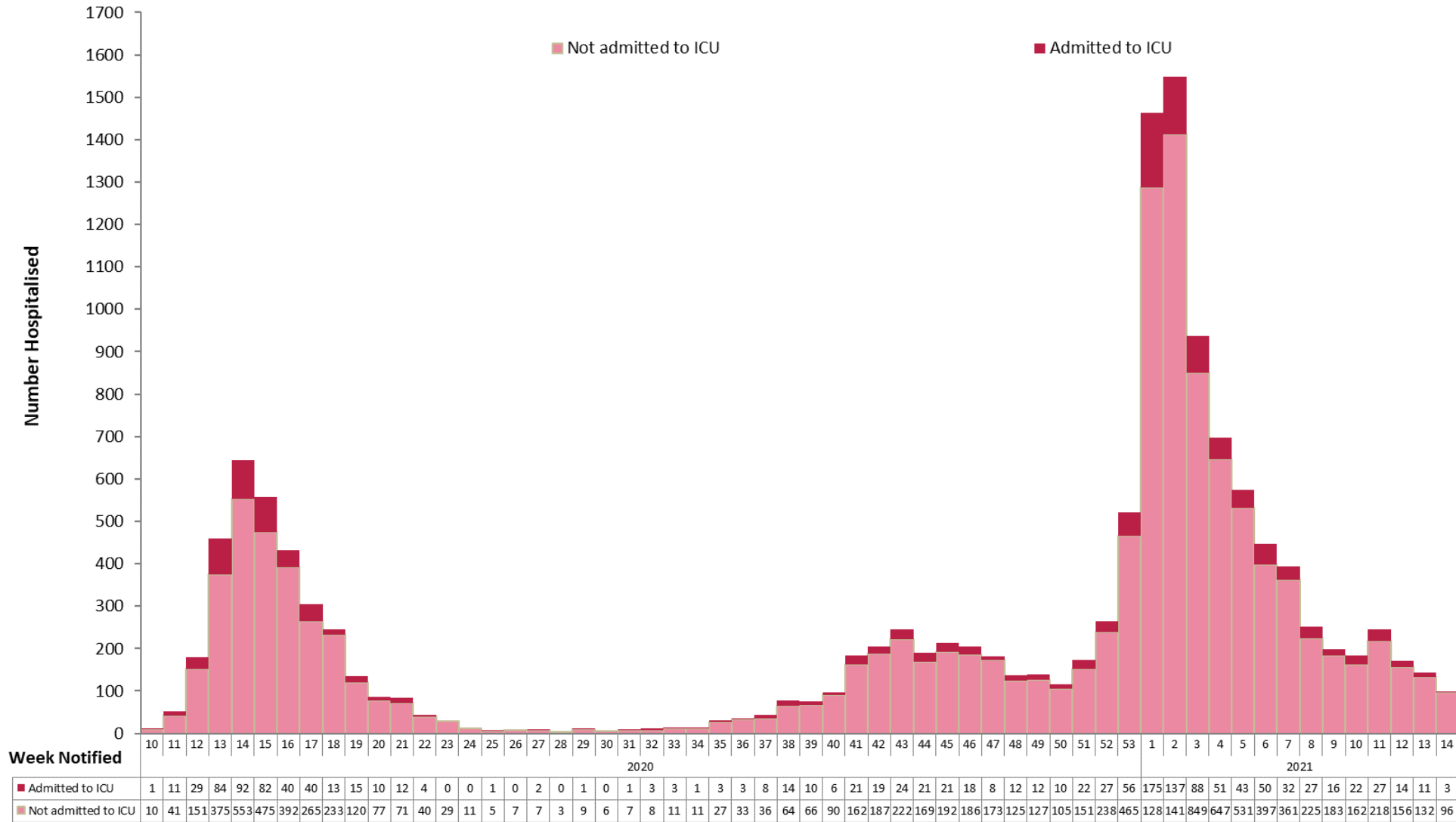


Figure 16: Number of hospitalised COVID-19 cases based on ICU admission status in Ireland between week 10, 2020 and week 14, 2021*

*Please note that the most recent weeks may not yet reflect all admissions.

Deaths among COVID-19 cases

	Number	Percent
Total number of deaths	4,785	
confirmed	4,519	94.4
probable	95	2.0
possible	171	3.6
Number hospitalised who died	2,531	52.9
admitted to ICU who died	447	9.3
not admitted to ICU who died	2,084	43.6
Number of imported cases who died	5	0.1
Number of HCWs who died	17	0.4
Number with underlying conditions who died	4,162	87.0
Males who died	2,516	52.6
M:F ratio	1.11	
Median age (years)	83	
Mean age (years)	81	
Age range (years)	0 - 105	

Table 3: Summary of deaths in all COVID-19 cases notified in Ireland between week 10, 2020 and week 14, 2021

Age group (years)	Female	Male	Total	Percent
<45 yrs	24	28	52	1.1
45-54 yrs	29	51	80	1.7
55-64 yrs	93	162	255	5.3
65-74 yrs	263	477	740	15.5
75-84 yrs	691	932	1,623	33.9
85+ yrs	1,167	866	2,033	42.5
Unknown	2		2	0.0
Total	2,269	2,516	4,785	
Percent	47.4	52.6		

Table 4: Number of deaths in all COVID-19 cases by sex and age group notified in Ireland between week 10, 2020 and week 14, 2021

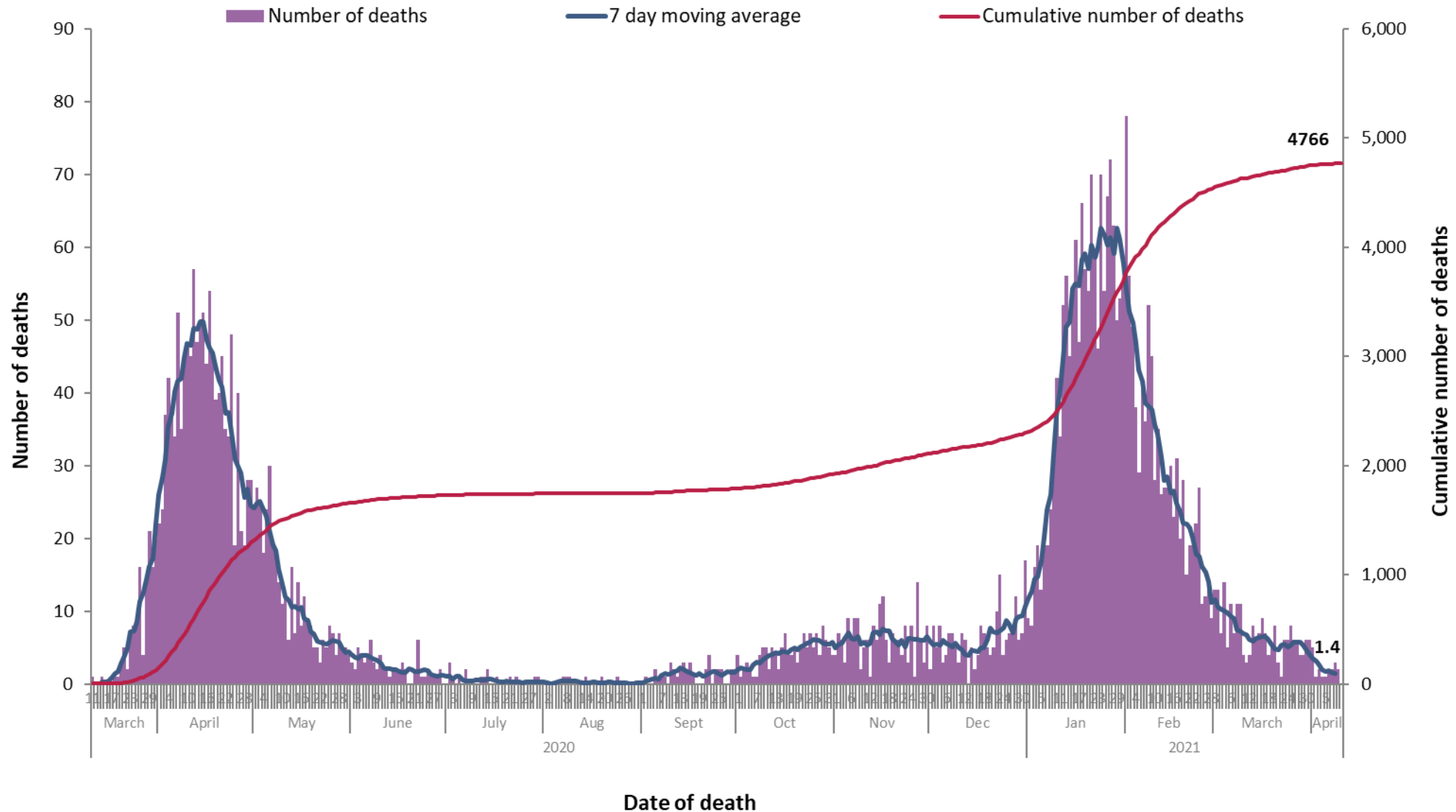


Figure 17a: Daily and 7-day moving average number of deaths among COVID-19 cases notified in Ireland by date of death and cumulative total between week 10, 2020 and week 14, 2021

* Date of death is not yet available for 19 cases

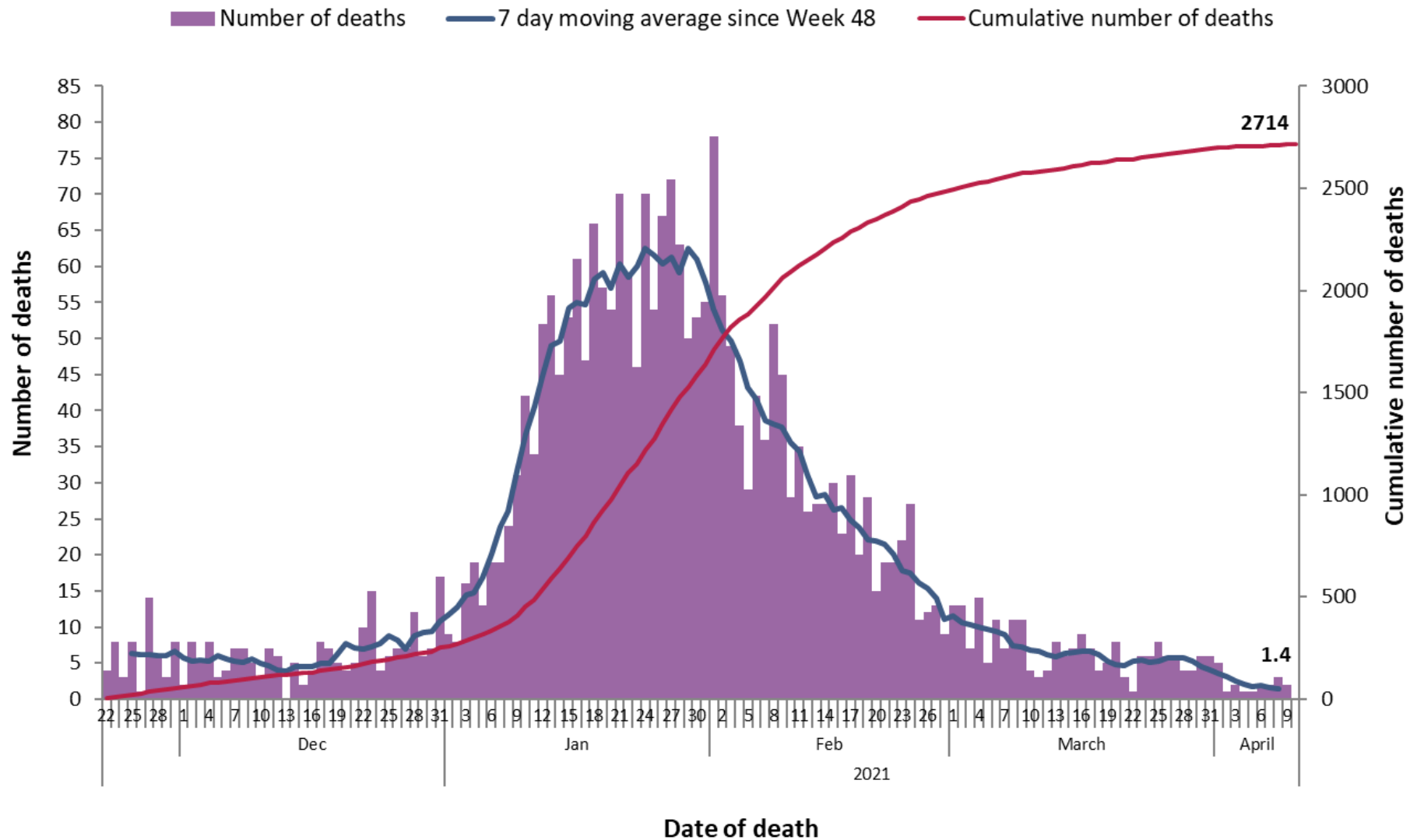


Figure 17b: Daily and 7-day moving average number of deaths among COVID-19 cases notified in Ireland by date of death and cumulative total, between week 48, 2020 and week 14, 2021

Please note: a lag in time between reporting of deaths and data extraction is expected and as such most recent dates will not yet reflect all deaths on that date

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
- [Underlying Conditions](#) in confirmed cases of COVID-19 in Ireland weekly report
- [Healthcare Workers](#) in Ireland COVID-19 weekly report

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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. Data are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.
- Slides 25 and 26 include data reported from the Irish sentinel GP network.

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.

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.

Appendix 1: Epidemiological weeks, start and end dates, 2021

- Note: Epidemiological week is from Sunday to Saturday in line with the [Infectious Disease Regulations 1981](#) and subsequent amendments

Year	Week	Start date	End date
2021	1	03/01/2021	09/01/2021
2021	2	10/01/2021	16/01/2021
2021	3	17/01/2021	23/01/2021
2021	4	24/01/2021	30/01/2021
2021	5	31/01/2021	06/02/2021
2021	6	07/02/2021	13/02/2021
2021	7	14/02/2021	20/02/2021
2021	8	21/02/2021	27/02/2021
2021	9	28/02/2021	06/03/2021
2021	10	07/03/2021	13/03/2021
2021	11	14/03/2021	20/03/2021
2021	12	21/03/2021	27/03/2021
2021	13	28/03/2021	03/04/2021
2021	14	04/04/2021	10/04/2021
2021	15	11/04/2021	17/04/2021
2021	16	18/04/2021	24/04/2021
2021	17	25/04/2021	01/05/2021
2021	18	02/05/2021	08/05/2021
2021	19	09/05/2021	15/05/2021
2021	20	16/05/2021	22/05/2021
2021	21	23/05/2021	29/05/2021
2021	22	30/05/2021	05/06/2021
2021	23	06/06/2021	12/06/2021
2021	24	13/06/2021	19/06/2021
2021	25	20/06/2021	26/06/2021
2021	26	27/06/2021	03/07/2021

Year	Week	Start date	End date
2021	27	04/07/2021	10/07/2021
2021	28	11/07/2021	17/07/2021
2021	29	18/07/2021	24/07/2021
2021	30	25/07/2021	31/07/2021
2021	31	01/08/2021	07/08/2021
2021	32	08/08/2021	14/08/2021
2021	33	15/08/2021	21/08/2021
2021	34	22/08/2021	28/08/2021
2021	35	29/08/2021	04/09/2021
2021	36	05/09/2021	11/09/2021
2021	37	12/09/2021	18/09/2021
2021	38	19/09/2021	25/09/2021
2021	39	26/09/2021	02/10/2021
2021	40	03/10/2021	09/10/2021
2021	41	10/10/2021	16/10/2021
2021	42	17/10/2021	23/10/2021
2021	43	24/10/2021	30/10/2021
2021	44	31/10/2021	06/11/2021
2021	45	07/11/2021	13/11/2021
2021	46	14/11/2021	20/11/2021
2021	47	21/11/2021	27/11/2021
2021	48	28/11/2021	04/12/2021
2021	49	05/12/2021	11/12/2021
2021	50	12/12/2021	18/12/2021
2021	51	19/12/2021	25/12/2021
2021	52	26/12/2021	01/01/2022