



Seirbhís Sláinte
Níos Fearr
á Forbairt

Building a
Better Health
Service



Weekly Report on the Epidemiology of COVID-19 in Ireland

Week 13, 2021

Health Protection Surveillance Centre, HPSC

COVID-19 Epidemiology Team, 06/04/2021

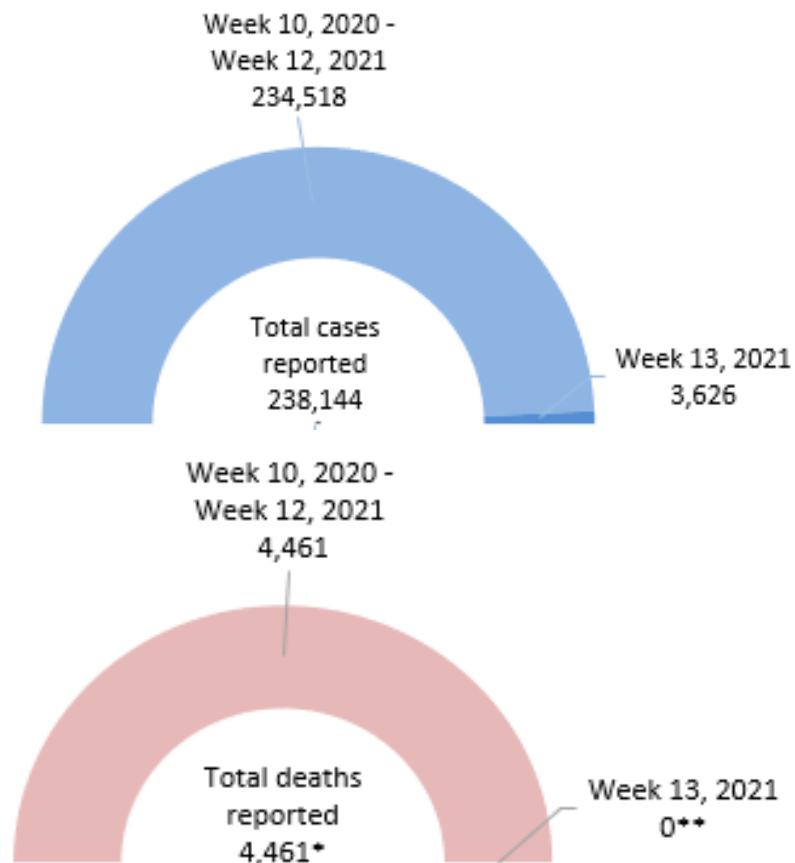
Dates to note:

- Week 13 2021 (28th March to 3rd 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 06/04/2021 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 13, 2021)		Week 13, 2021	
	Number	Percent	Number	Percent
Total number of confirmed cases	238,144		3,626	
Incidence rate of confirmed cases per 100,000 population	5001.1		76.1	
Number of cases hospitalised	13,699	5.8	135***	3.7
Number of cases admitted to ICU	1,437	0.6	6***	0.2
Number of deaths among confirmed cases	4,461	1.9	0	
Case fatality ratio (CFR %)	1.9			
Incidence rate of confirmed deaths per 100,000 population	93.7			
Number of cases associated with clusters	73,434	30.8	688	19.0
Number of imported cases	1416	0.6	10	0.3
Number of cases in healthcare workers	28,178	11.8	86	2.4
Males	113,537	47.7	1,845	50.9
Females	124,525	52.3	1,776	49.0
M:F ratio	0.91		1.04	
Median (years)	38		33	
Mean age (years)	40		33	
Age range (years)	0 - 108		0 - 97	

*** 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

* Total deaths reported include deaths from confirmed cases only

** The number of deaths described in the above chart 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 COVID-19 deaths which occurred during the period covered by the report. It also does not reflect the final number of deaths for these cases notified during this period as the outcome may not yet have occurred, or is yet to be notified.

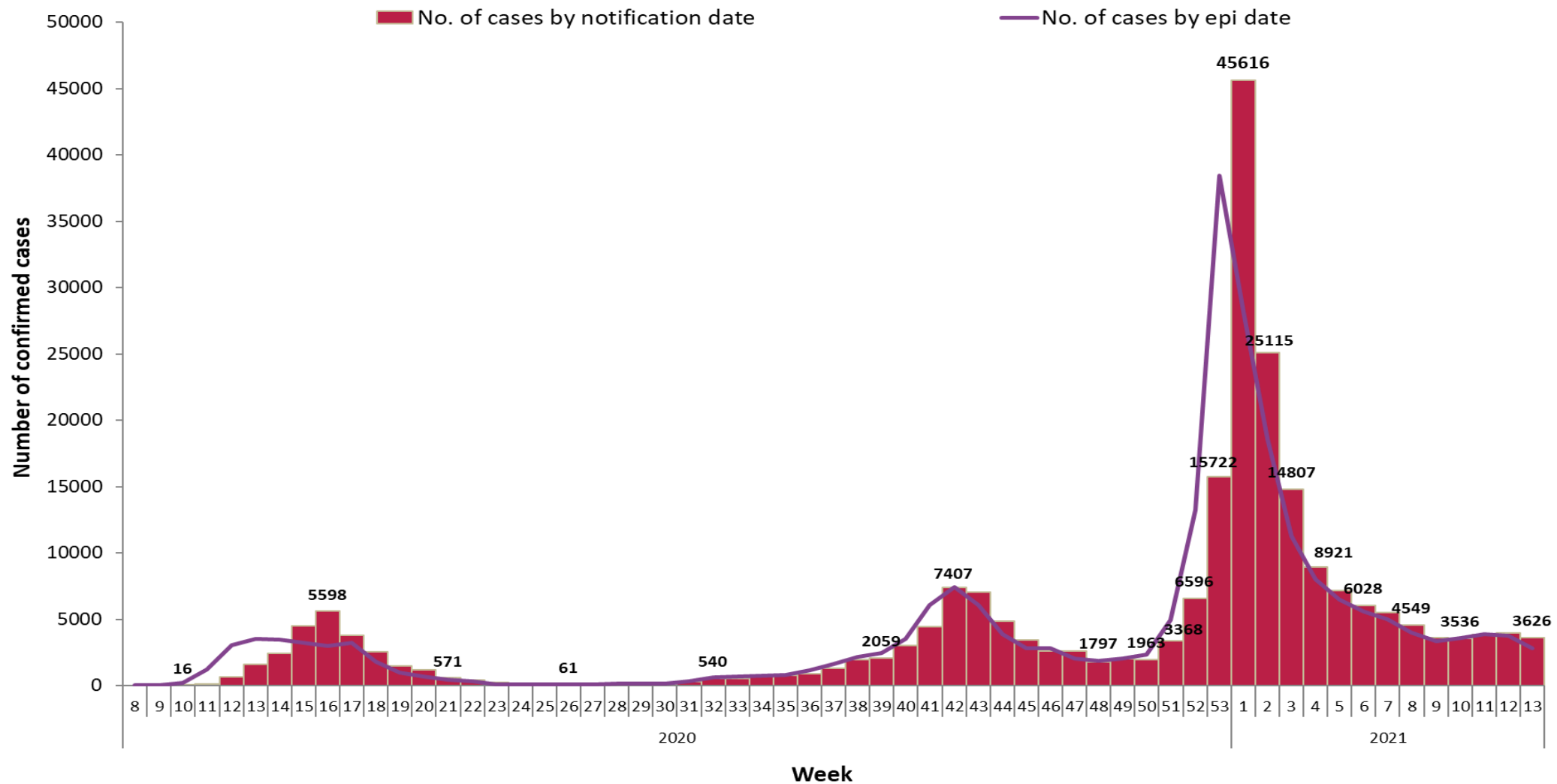


Figure 1a: Number of confirmed COVID-19 cases by notification week and epidemiological week in Ireland between week 8, 2020 and week 13, 2021

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

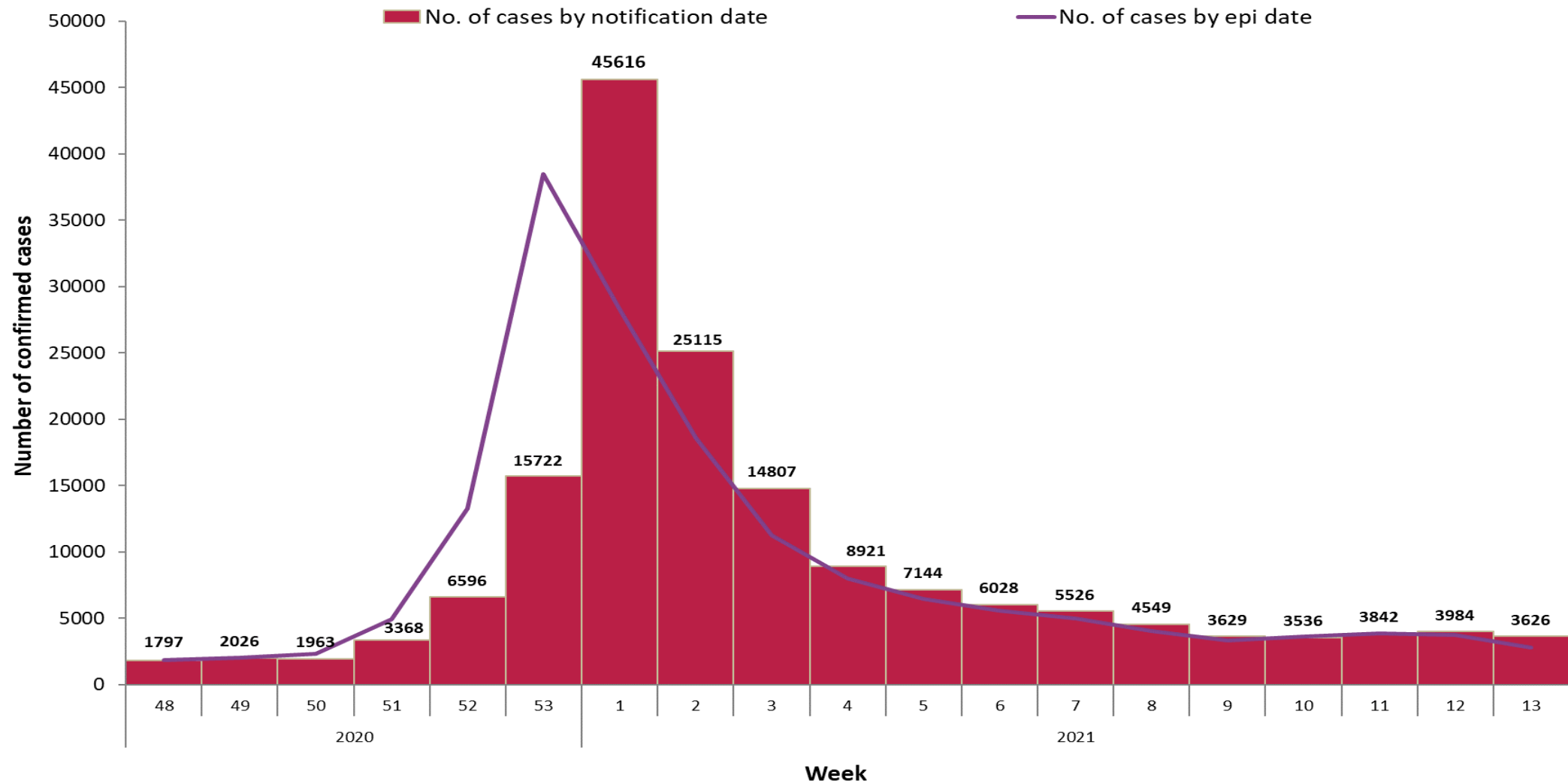


Figure 1b: Number of confirmed COVID-19 cases by notification week and epidemiological week in Ireland between week 48, 2020 and week 13, 2021

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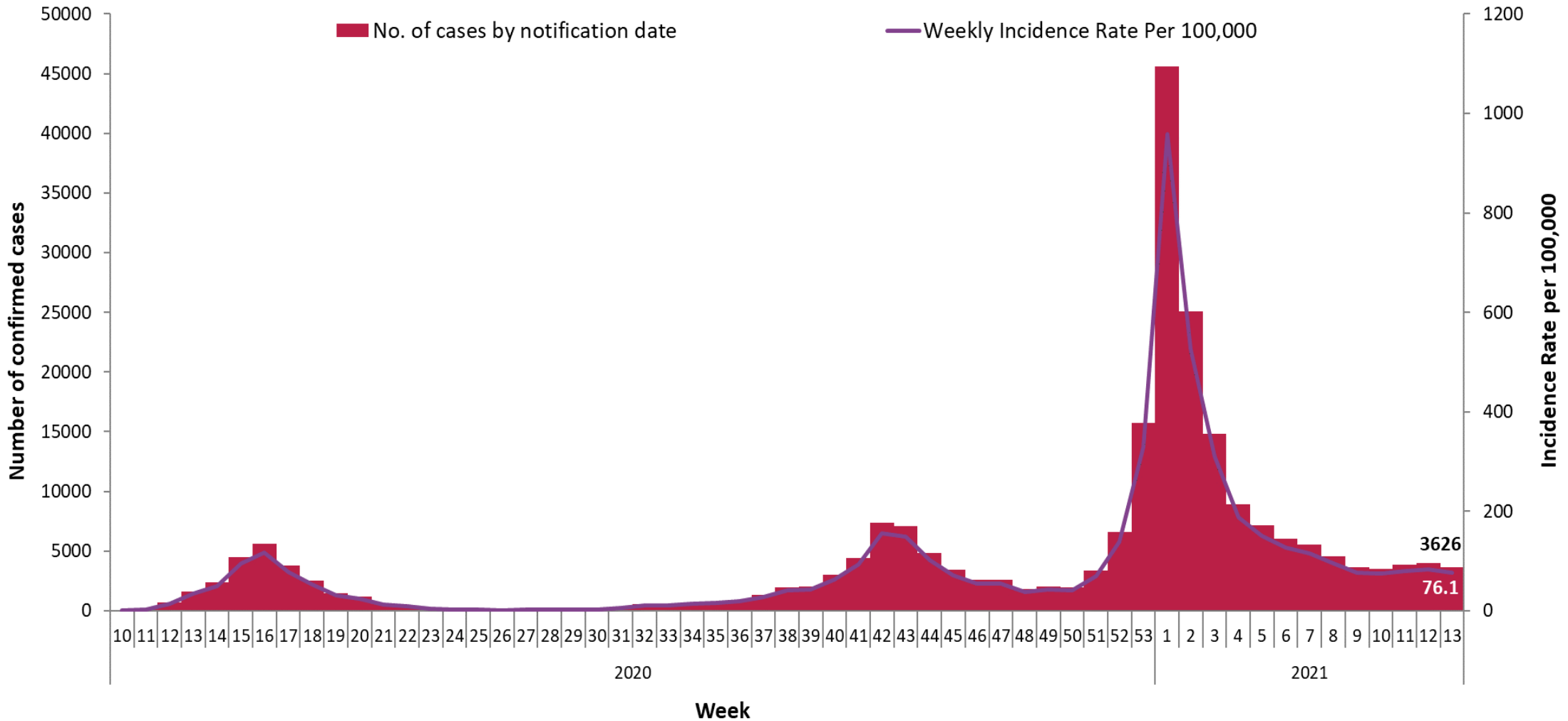


Figure 2: Number of confirmed COVID-19 cases by notification week and weekly incidence rate per 100,000 population in Ireland between week 10, 2020 and week 13, 2021

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Population data were taken from Census 2016

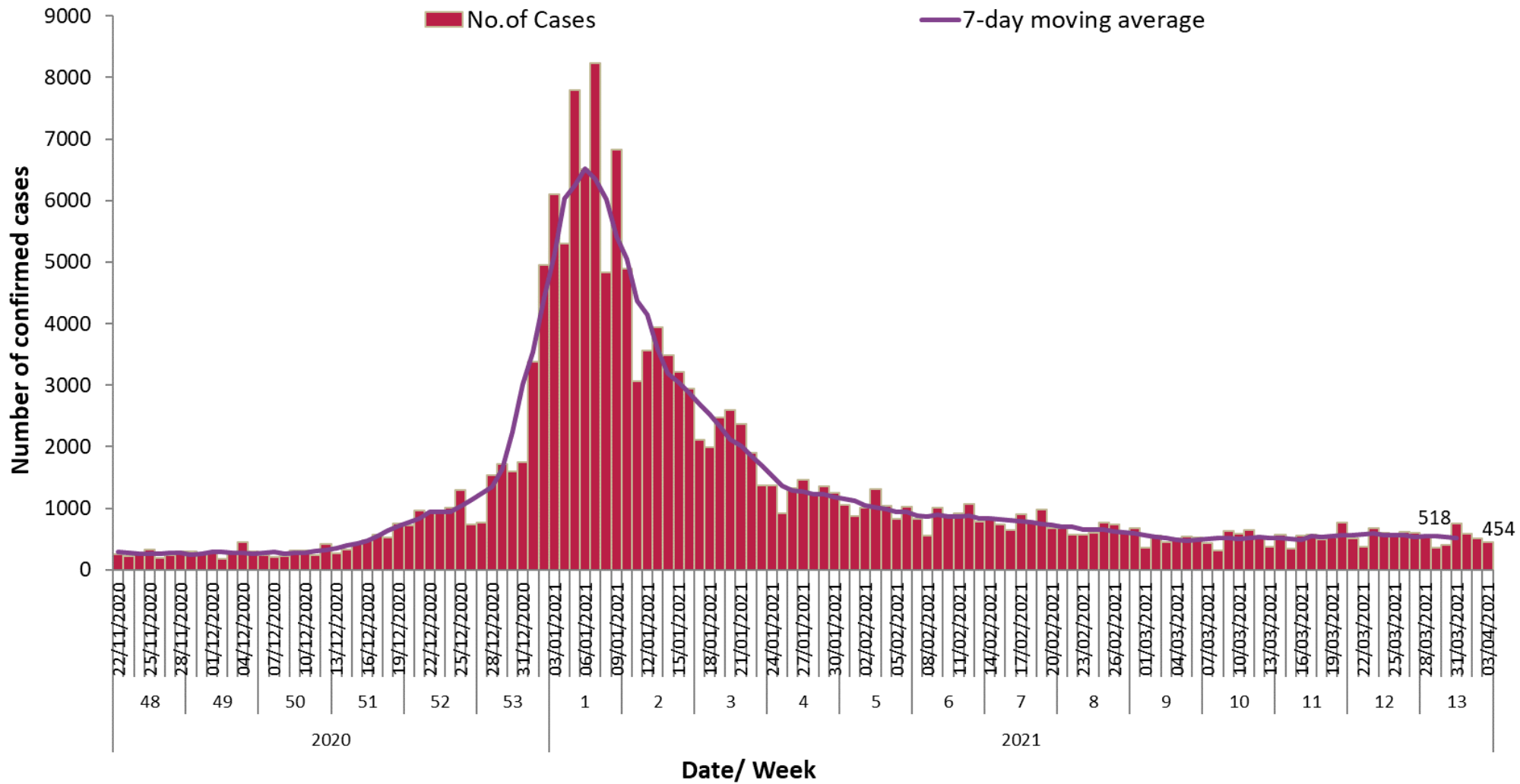


Figure 3: Number of confirmed COVID-19 cases, and 7-day moving average, by notification date in Ireland between week 48, 2020 and week 13, 2021

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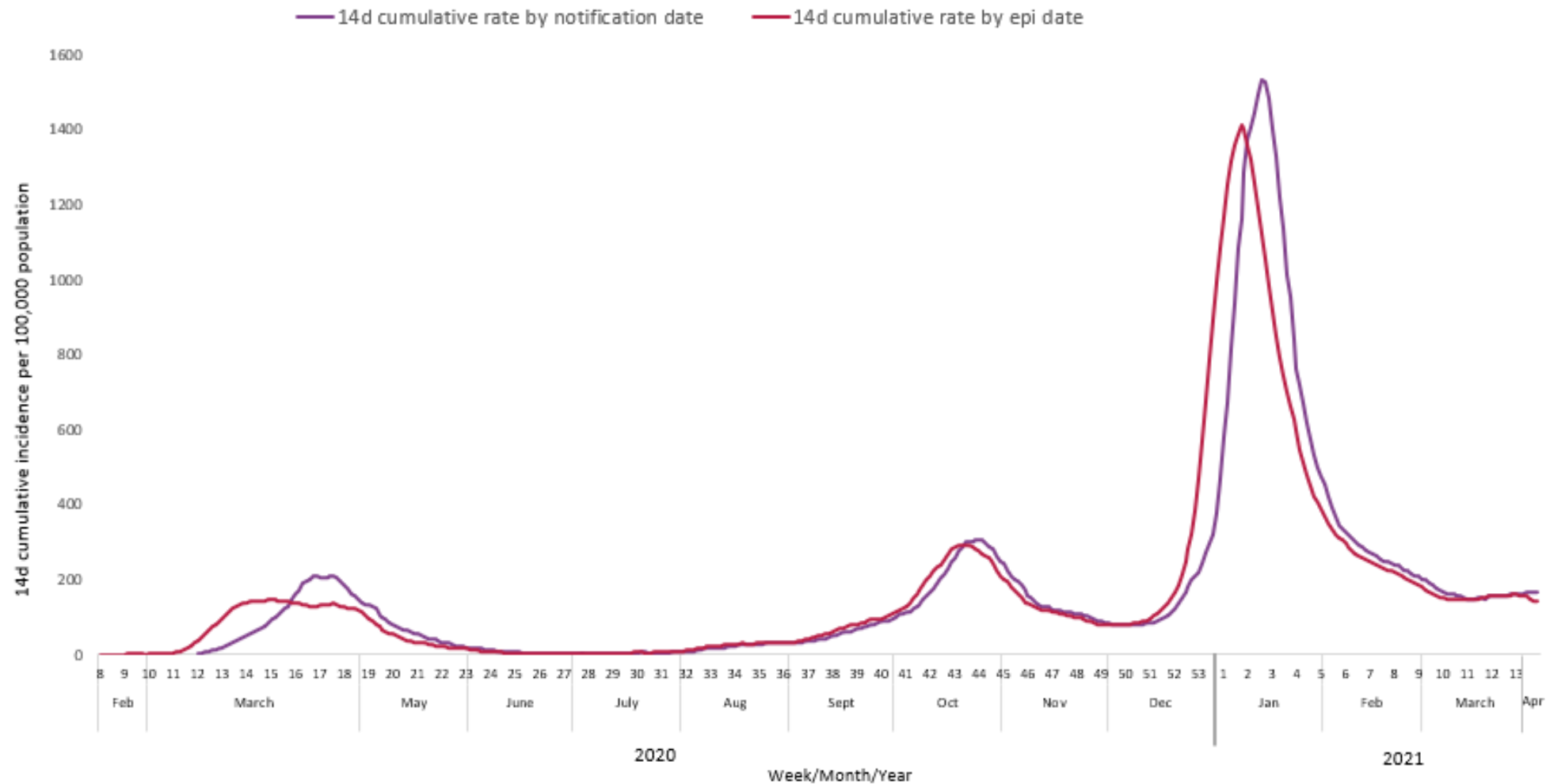


Figure 4a : Cumulative 14-day incidence rate of confirmed COVID-19 cases per 100,000 population notified in Ireland by notification and epidemiological date* between week 8, 2020 and week 13, 2021

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.

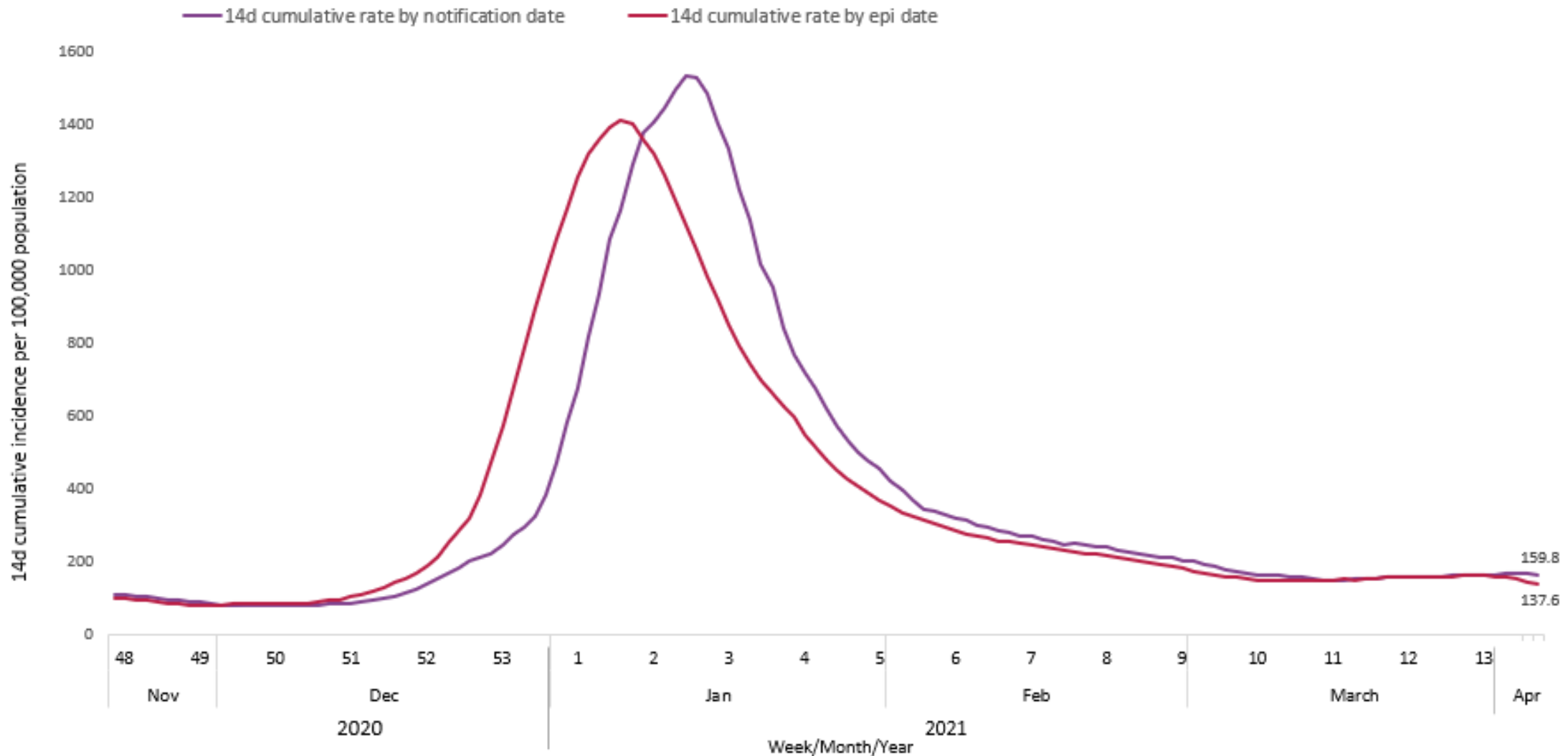


Figure 4b: Cumulative 14-day incidence rate of confirmed COVID-19 cases per 100,000 population notified in Ireland by notification and epidemiological date between week 48, 2020 and week 13, 2021

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 13, 2021

Characteristic		Week 13	Percent
Total number of confirmed cases		3,626	100
Sex	Male:Female ratio	1.04	
	Male	1,845	50.9
	Female	1,776	49.0
	Unknown	5	0.1
Age	Mean age (years)	33	
	Median age (years)	33	
	Age range (years)	0 - 97	
	0-4 yrs	256	7.1
	5-12 yrs	492	13.6
	13-18 yrs	269	7.4
	19-24 yrs	362	10.0
	25-34 yrs	547	15.1
	35-44 yrs	676	18.6
	45-54 yrs	457	12.6
	55-64 yrs	307	8.5
	65-74 yrs	157	4.3
	75-84 yrs	70	1.9
	85+ yrs	33	0.9
Symptomatic*	Yes	1,927	53.1
	No	918	25.3
	Unknown	781	21.5

*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 13, 2021

(excluding 43 cases for whom age is unknown, 81 cases for whom sex is unknown and one case for whom both are unknown)

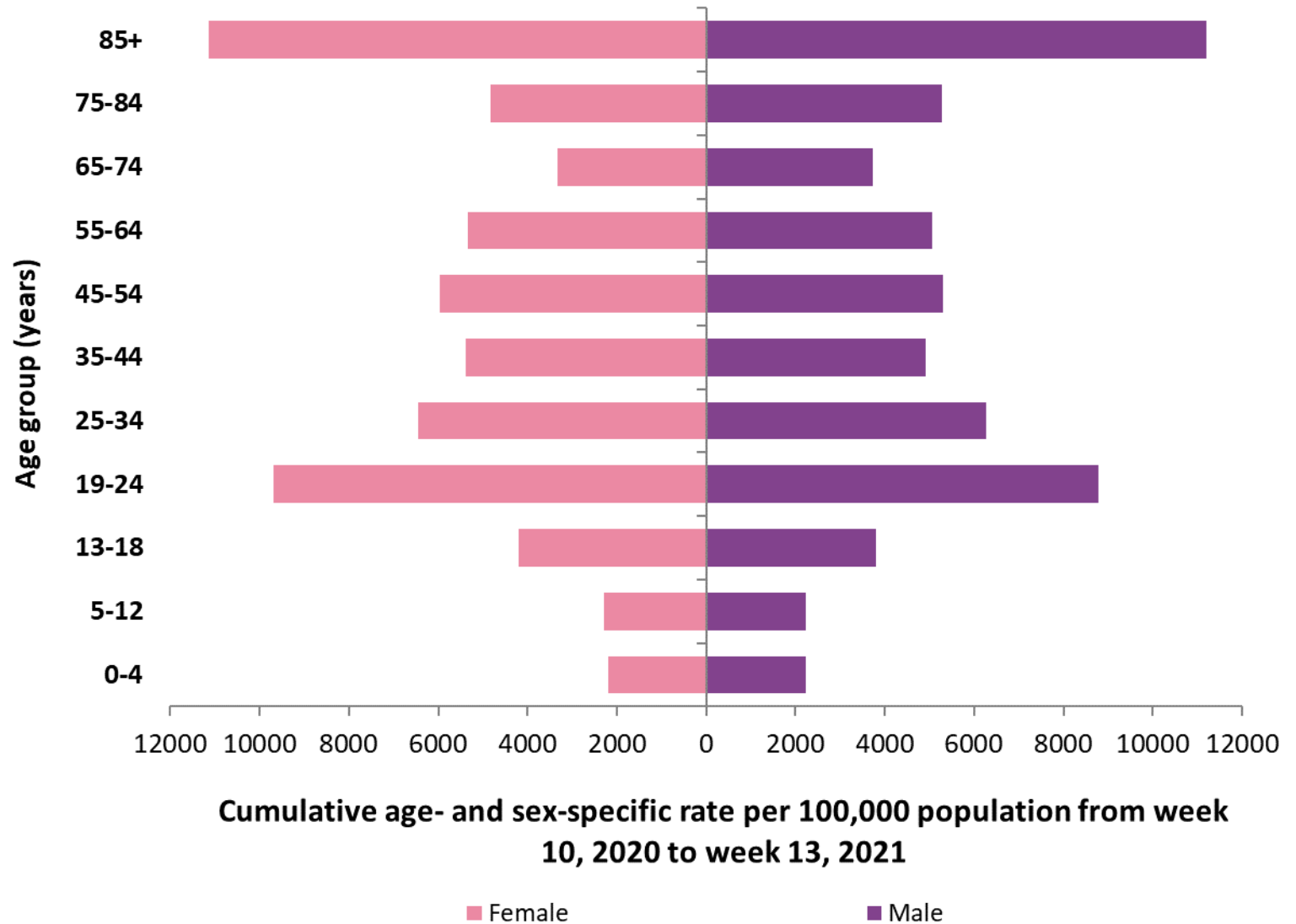


Figure 5b: Cumulative age- and sex-specific incidence rates of confirmed COVID-19 cases per 100,000 population notified in Ireland between week 48, 2020 and week 13, 2021

(excluding 18 cases for whom age is unknown, and 74 cases for whom sex is unknown)

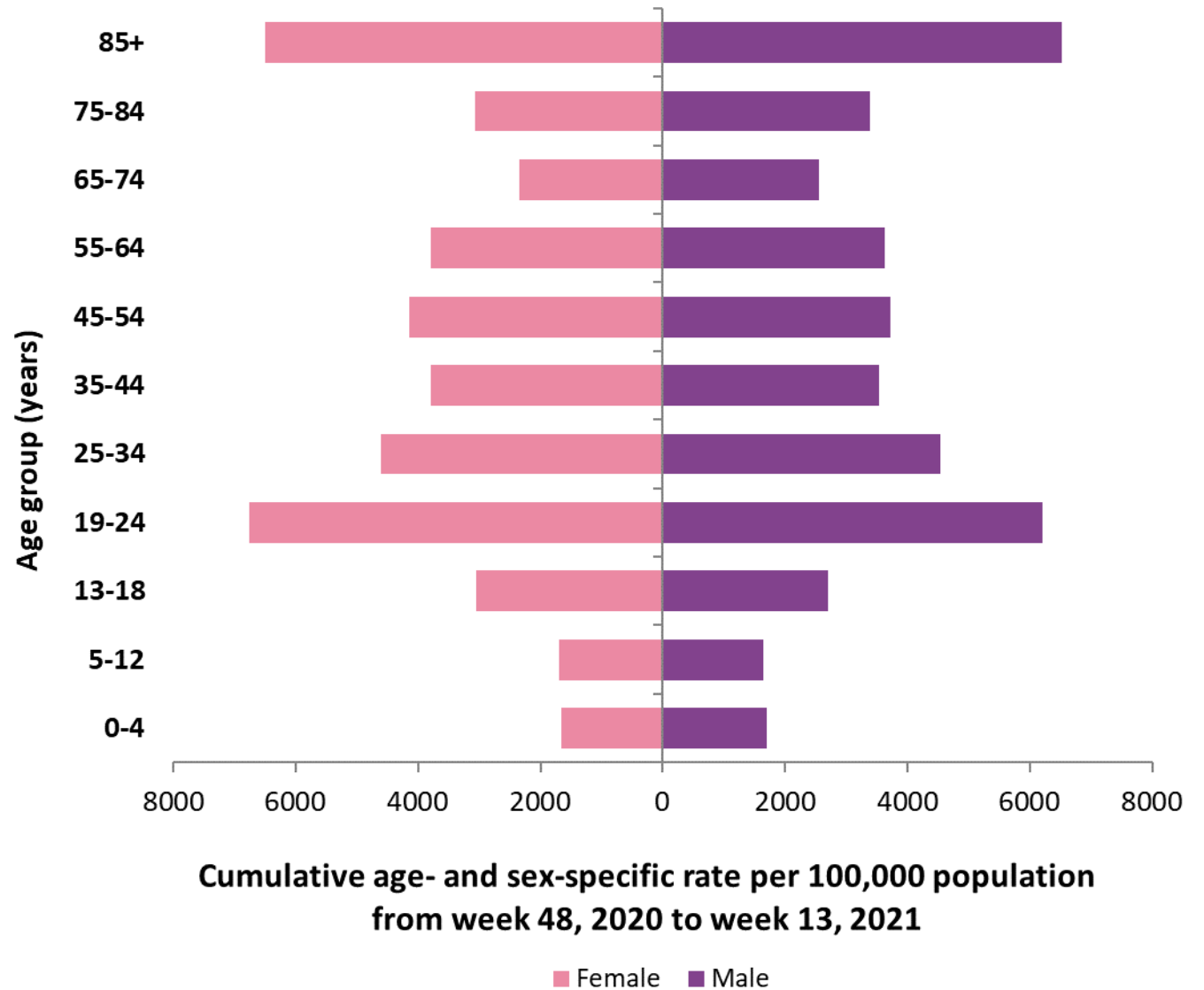
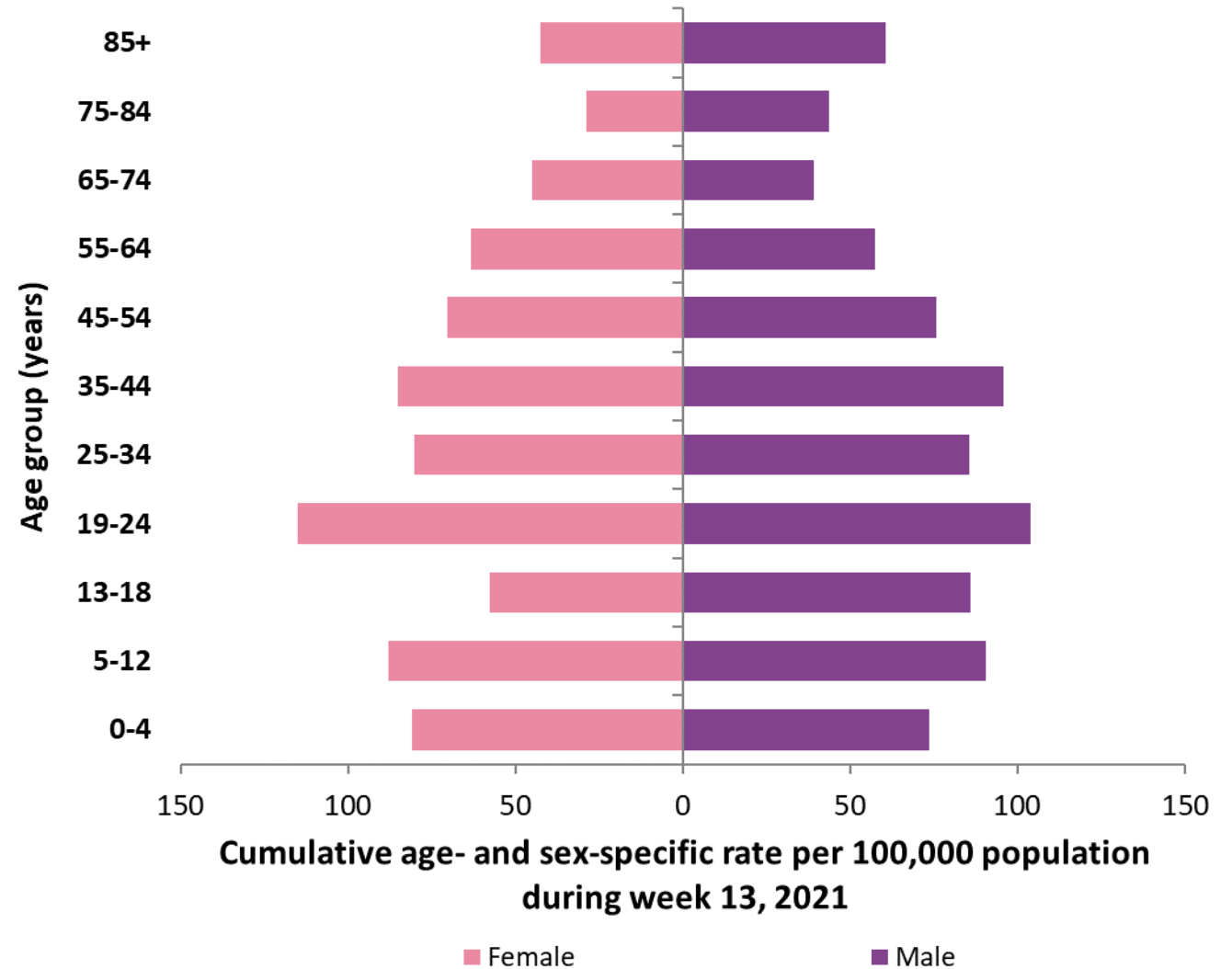


Figure 5c: Cumulative age- and sex-specific incidence rates of confirmed COVID-19 cases per 100,000 population notified in Ireland during week 13, 2021

(excluding 5 cases for whom sex is unknown)



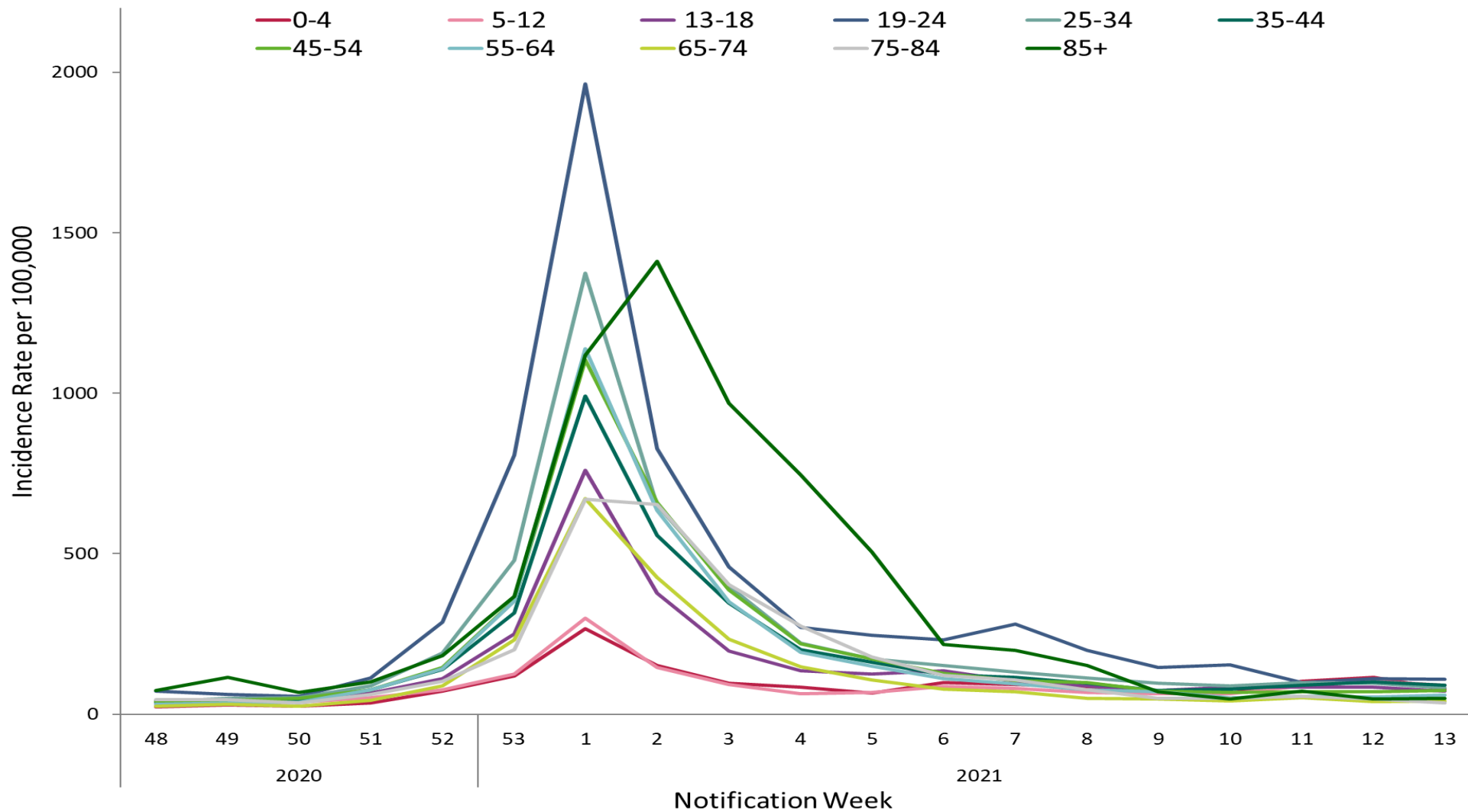


Figure 6a: Weekly age-specific incidence rates of confirmed COVID-19 cases per 100,000 population in Ireland between week 48, 2020 and week 13, 2021

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.

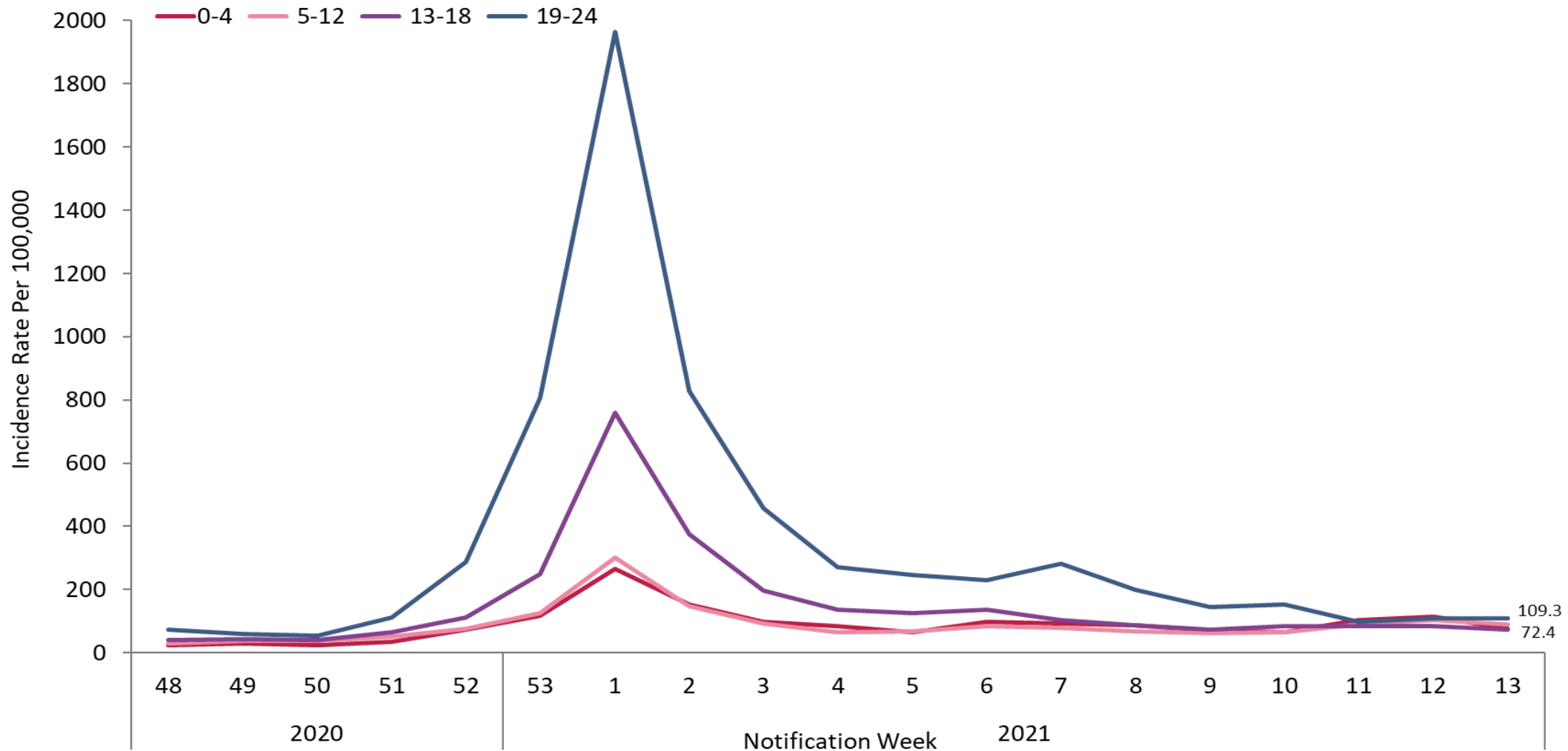


Figure 6b: Weekly age-specific incidence rates of confirmed COVID-19 cases per 100,000 population in Ireland between week 48, 2020 and week 13, 2021

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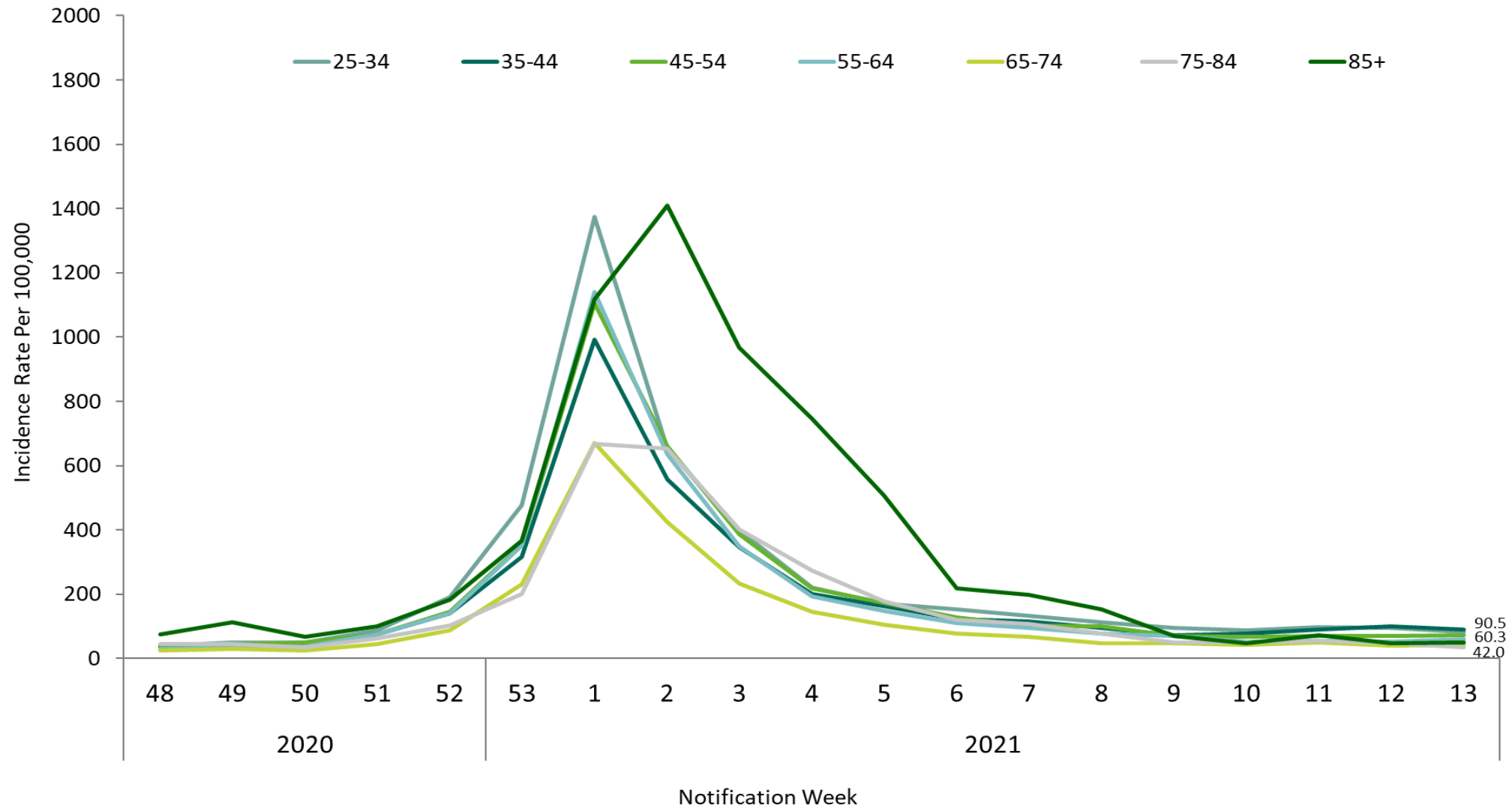


Figure 6c: Weekly age-specific incidence rates of confirmed COVID-19 cases per 100,000 population in Ireland between week 48, 2020 and week 13, 2021

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	34.1	68.1	41.2	
	51	35.3	51.4	65.1	112.0	88.0	75.8	75.4	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	1104.2	1139.6	670.9	669.2	1117.6	957.9
		2	152.6	146.0	376.2	828.2	652.1	557.3	660.5	635.8	425.4	653.4	1410.7	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	161.9	173.2	149.1	106.6	179.1	506.3	150.0
		6	98.3	85.3	135.1	231.0	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	198.4	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	103.5	88.4	83.4	97.5	98.3	89.6	69.0	55.6	51.1	55.5	72.5	80.7
		12	114.0	102.8	84.2	109.9	96.3	100.7	70.0	53.2	39.1	46.3	47.4	83.7
		13	77.2	89.7	72.4	109.3	83.0	90.5	73.0	60.3	42.0	35.6	48.8	76.1

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 13, 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

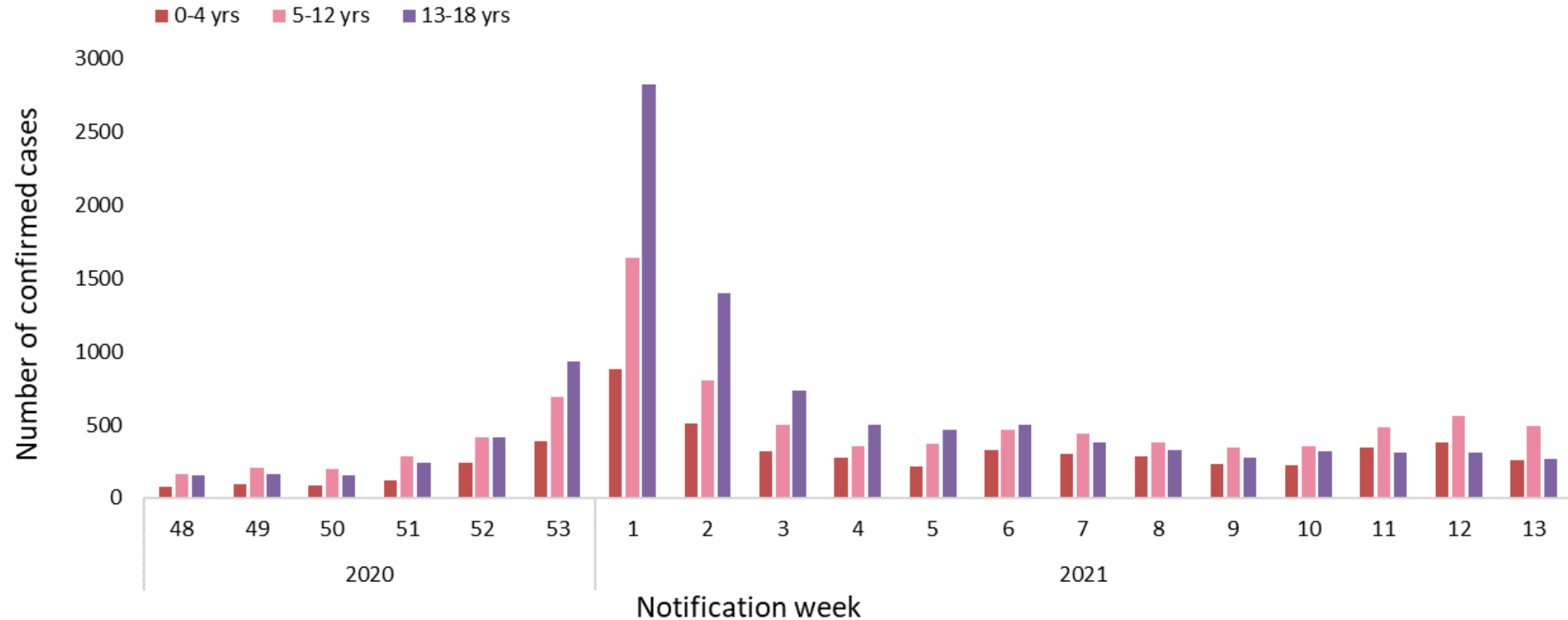


Figure 8: Weekly number of age-specific confirmed COVID-19 cases by notification week in Ireland between week 48, 2020 and week 13, 2021

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

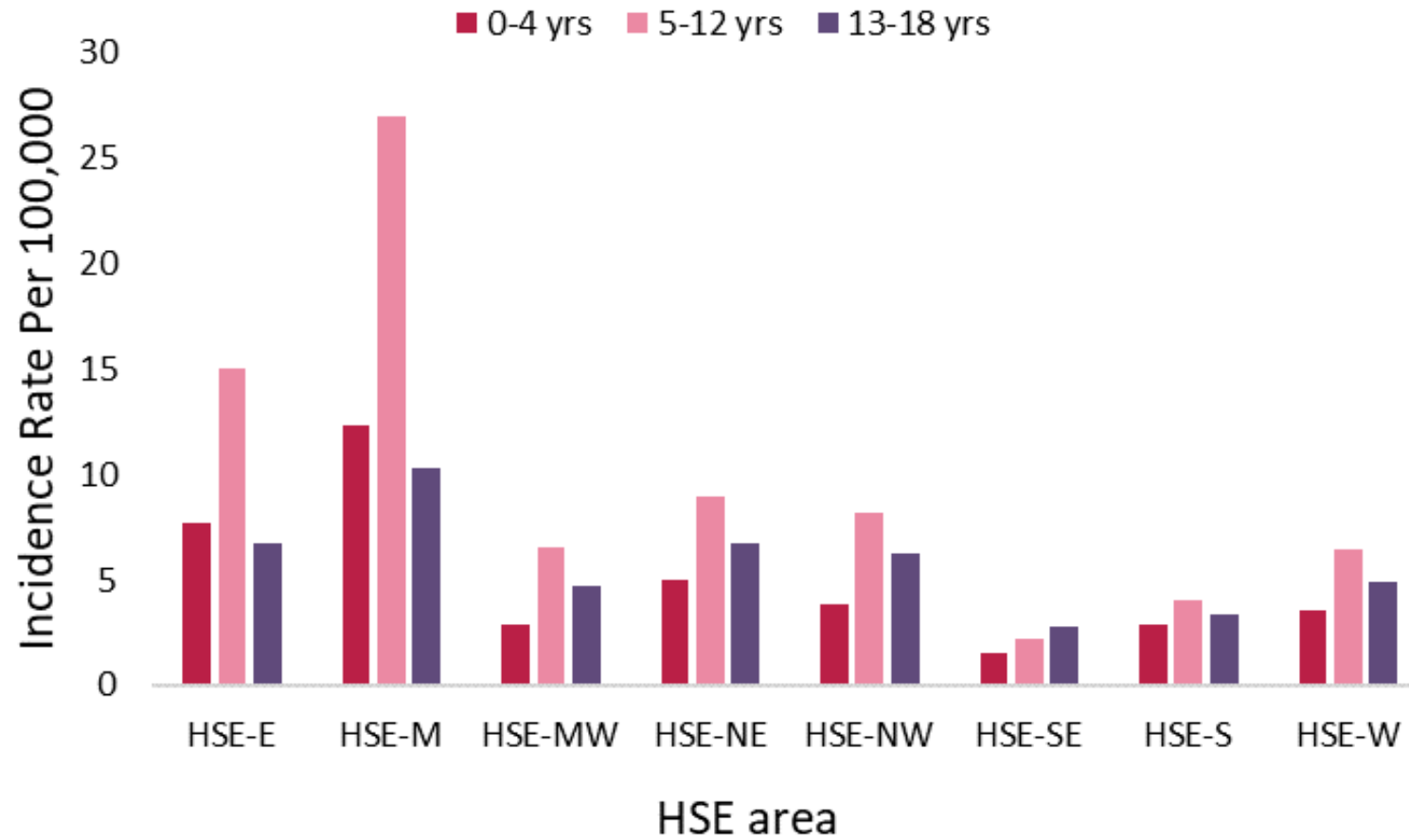


Figure 9: Age-specific incidence rates of confirmed COVID-19 cases per 100,000 population, by HSE area, notified in Ireland during week 13, 2021

Table 2: Characteristics of confirmed COVID-19 cases by county notified in Ireland, during week 13, 2021

County	Cases		M:F ratio	Median age	Incidence Rate per 100,000
	N	%		(years)	
Offaly	155	4.3	0.9	36	198.8
Westmeath	129	3.6	1.2	21	145.3
Laois	115	3.2	1.1	33	135.8
Dublin	1587	43.8	1.1	33	117.8
Kildare	235	6.5	1.1	36	105.6
Cavan	75	2.1	0.9	38	98.5
Meath	192	5.3	1.2	34	98.4
Donegal	136	3.8	0.8	32.5	85.4
Louth	95	2.6	1.1	34	73.7
Longford	30	0.8	1.7	40.5	73.4
Wexford	82	2.3	1.3	36.5	54.8
Tipperary	84	2.3	0.9	39.5	52.6
Monaghan	32	0.9	0.6	32.5	52.1
Wicklow	73	2.0	1.1	37	51.3
Roscommon	33	0.9	1.3	41	51.1
Mayo	66	1.8	0.8	39	50.6
Galway	113	3.1	0.9	26	43.8
Limerick	76	2.1	1.1	23	39.0
Cork	187	5.2	1.0	21	34.4
Leitrim	10	0.3	0.7	46	31.2
Waterford	34	0.9	0.8	25	29.3
Carlow	15	0.4	1.5	33	26.3
Clare	29	0.8	0.6	37	24.4
Kerry	27	0.7	0.7	31	18.3
Sligo	7	0.2	1.3	28	10.7
Kilkenny	9	0.2	0.8	36	9.1



		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	74.5	36.8	24.6	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	81.9	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	276.4	275.9	299.2	164.9	305.3	331.8	287.1	613.1	340.1	773.6	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	565.2	1430.0	669.7	768.5	1668.1	554.1	416.8	630.2	614.2	1301.5	452.9	1178.2	498.5	957.9
	2	669.2	447.6	471.3	527.6	532.1	561.5	630.1	281.0	397.7	314.4	429.8	149.8	642.4	178.6	810.8	970.8	458.9	1008.4	402.8	503.5	212.1	410.5	571.5	243.3	665.2	313.8	527.4
	3	430.3	347.9	193.6	273.0	294.0	372.1	251.9	156.4	307.0	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	221.2	310.9
	4	263.5	141.8	109.4	151.8	185.3	229.9	170.5	81.9	147.0	84.7	146.4	74.9	172.4	181.0	284.8	223.0	184.1	413.8	215.5	68.2	138.9	147.3	285.8	117.2	241.1	127.1	187.3
	5	187.9	116.8	74.9	120.1	128.1	181.8	163.5	71.1	154.6	72.6	159.4	84.3	140.6	127.2	184.7	155.5	163.0	347.0	134.7	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	185.3	150.4	35.9	126.3	59.5	154.7	59.3	114.9	119.9	156.0	123.4	136.9	166.2	203.9	57.3	56.5	83.4	128.3	119.4	106.9	66.7	126.6
	7	89.6	112.9	80.8	37.2	80.4	157.0	180.2	12.9	145.2	48.4	147.6	96.7	139.0	173.7	135.0	136.4	111.3	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	28.9	107.4	131.4	97.7	36.6	105.2	33.3	113.3	59.3	139.0	193.3	131.9	92.7	110.7	78.2	180.9	55.8	41.2	82.1	73.2	139.7	38.7	47.7	95.5
	9	58.0	48.6	55.5	27.6	53.4	116.6	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	49.9	76.2
	10	47.4	21.0	21.0	26.2	94.2	106.9	64.7	26.4	144.3	14.1	30.7	18.7	71.8	178.6	67.5	55.9	96.4	44.0	224.5	68.2	44.3	43.2	63.7	67.6	44.7	39.3	74.3
	11	86.1	64.3	36.2	19.9	117.5	121.9	70.1	26.4	107.0	23.2	54.3	18.7	45.2	115.0	66.7	16.1	118.9	26.1	180.9	85.2	56.5	100.9	82.6	68.7	77.5	52.0	80.7
	12	33.4	82.7	27.8	22.3	166.5	124.5	49.2	6.8	115.1	27.2	106.3	37.4	54.4	75.8	91.6	42.9	109.7	17.9	261.7	51.1	13.7	90.3	43.0	117.2	70.8	68.1	83.7
	13	26.3	98.5	24.4	34.4	85.4	117.8	43.8	18.3	105.6	9.1	135.8	31.2	39.0	73.4	73.7	50.6	98.4	52.1	198.8	51.1	10.7	52.6	29.3	145.3	54.8	51.3	76.1

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 13, 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	74.3	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	248.8	302.1	482.9	572.4	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	519.6	330.8	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	236.4	159.0	202.2	136.8	171.0	187.3
	5	172.0	136.8	108.8	186.2	118.6	155.8	109.6	146.8	150.0
	6	167.7	152.2	87.8	149.2	65.1	108.4	54.9	129.3	126.6
	7	146.6	156.7	114.0	125.6	73.3	89.5	32.0	148.8	116.0
	8	121.1	150.5	105.7	104.5	84.1	60.9	30.6	90.3	95.5
	9	105.5	124.5	65.7	90.8	43.8	42.1	27.7	59.4	76.2
	10	106.2	114.3	51.4	69.1	71.7	42.7	26.2	62.7	74.3
	11	114.1	100.9	52.7	83.2	89.2	73.1	21.3	56.7	80.7
	12	118.6	146.8	54.0	88.2	110.9	54.3	19.0	47.7	83.7
	13	110.7	146.8	41.3	85.6	59.3	33.3	31.0	46.8	76.1

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 13, 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	47.8	31.5	52.3	45.2
	51	108.1	30.9	59.7	51.8	89.0	74.1	51.6	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	259.9	189.3	420.8	309.6
2021	Notification Week 1	938.5	510.9	1016.9	991.9	1051.3	1025.4	975.7	786.1	1254.7
	2	509.6	710.2	550.9	474.8	528.9	475.2	453.4	469.4	622.3
	3	338.4	265.5	255.6	248.1	330.6	322.6	314.3	304.4	410.5
	4	195.3	171.0	154.8	136.8	202.2	184.8	188.2	194.4	251.8
	5	155.1	146.8	108.8	109.6	155.8	142.5	150.5	154.4	214.7
	6	98.9	129.3	87.8	54.9	108.4	135.4	133.7	147.4	226.4
	7	95.8	148.8	114.0	32.0	89.5	112.2	123.8	137.3	193.8
	8	79.7	90.3	105.7	30.6	60.9	89.5	94.4	133.4	170.9
	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	42.7	49.3	95.4	98.3	153.5
	11	75.4	56.7	52.7	21.3	73.1	68.1	88.6	99.0	171.5
	12	92.0	47.7	54.0	19.0	54.3	85.6	103.1	122.9	156.6
	13	66.4	46.8	41.3	31.0	33.3	58.7	99.1	115.6	155.9

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 13, 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	29.4	75.2	30.7	26.7	42.5	34.7	62.1	43.6	
	51	48.5	141.5	46.7	44.7	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	195.5	458.4	217.4	206.3	198.9	327.5	415.3	232.3	
2021	Notification Week	1	798.1	1741.3	955.1	1148.6	1165.2	1441.2	1447.8	990.5
		2	318.2	771.2	389.5	519.0	574.2	730.7	703.2	487.4
		3	234.4	495.5	289.5	284.7	410.7	503.4	502.0	281.7
		4	149.2	266.0	132.1	202.0	307.1	306.8	296.3	181.4
		5	81.6	229.6	108.7	149.2	204.1	263.0	267.8	144.3
		6	84.5	251.4	88.7	134.9	201.5	257.2	361.6	121.2
		7	64.7	220.7	73.4	110.0	169.3	190.3	329.3	115.8
		8	57.3	161.7	56.7	90.7	128.7	154.6	320.2	94.9
		9	62.5	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	52.7	79.6	115.2	172.9	265.9	114.2
		12	52.2	131.8	60.0	104.4	137.1	178.2	176.6	127.3
		13	37.5	81.6	64.0	126.8	106.9	182.1	152.7	137.0

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 13, 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

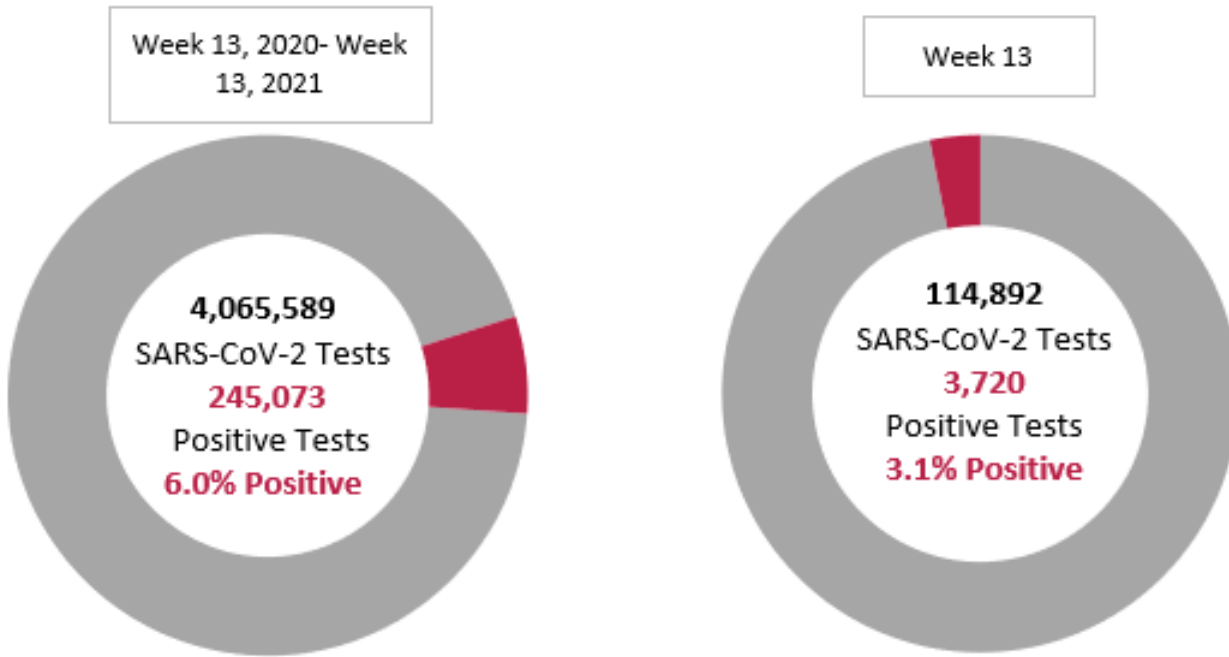


Figure 14a: Number of SARS-CoV-2 tests and positive tests* in Ireland between week 13, 2020 and week 13, 2021

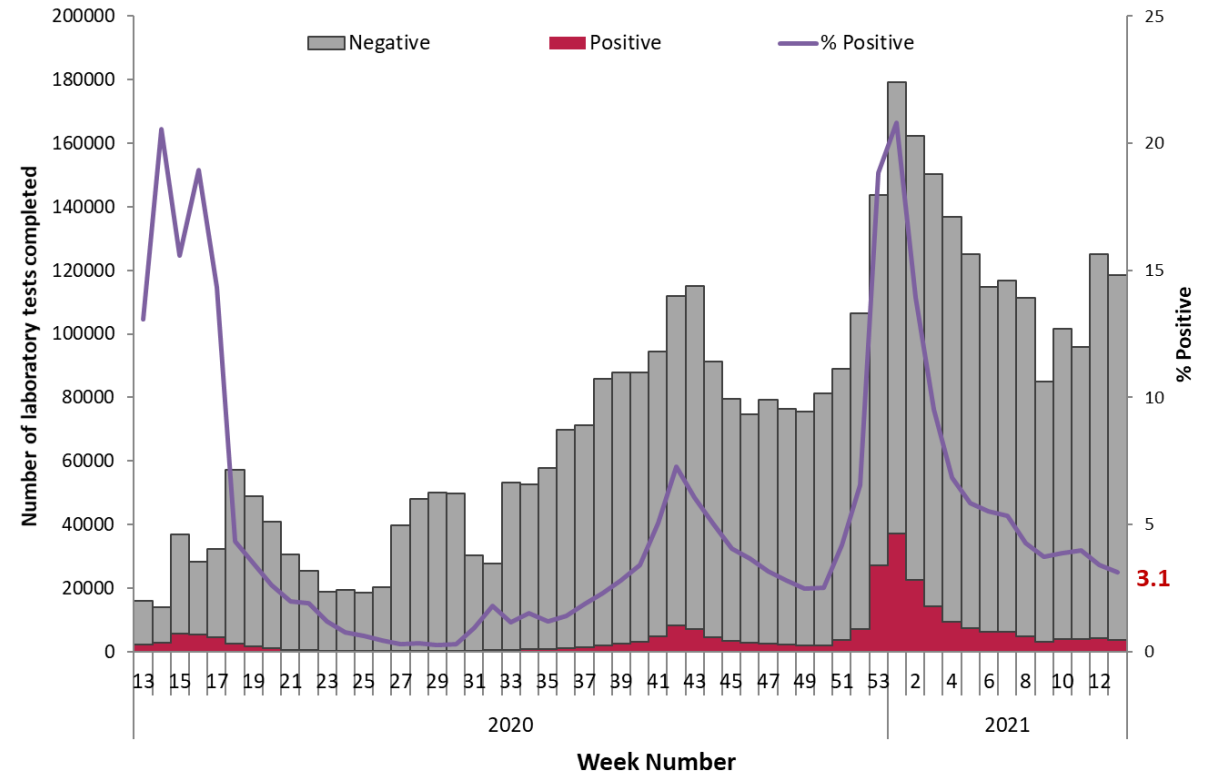
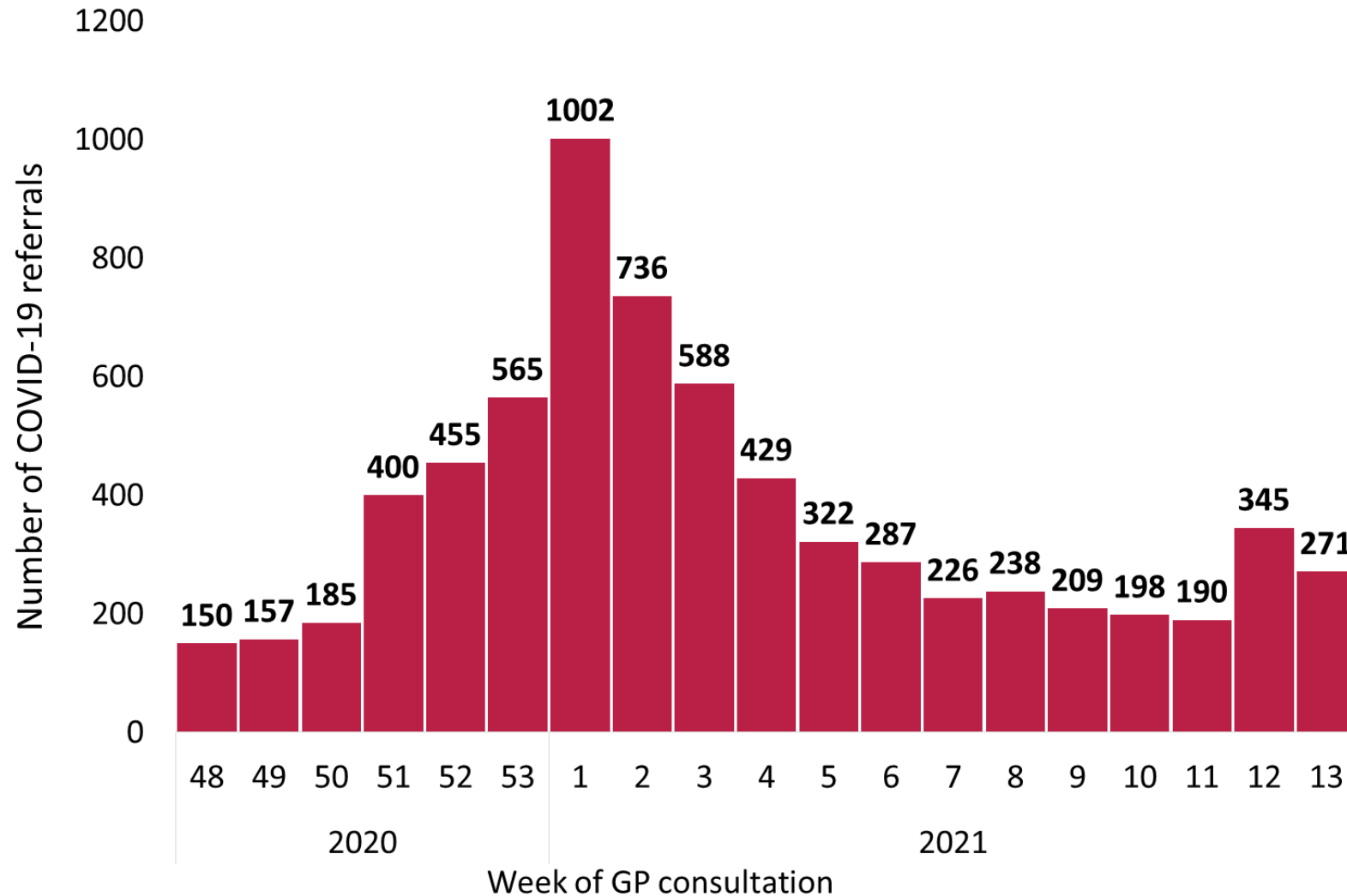


Figure 14b: Number of SARS-CoV-2 negative and positive tests* completed in Ireland between week 13, 2020 and week 13, 2021

*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 2020-13 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

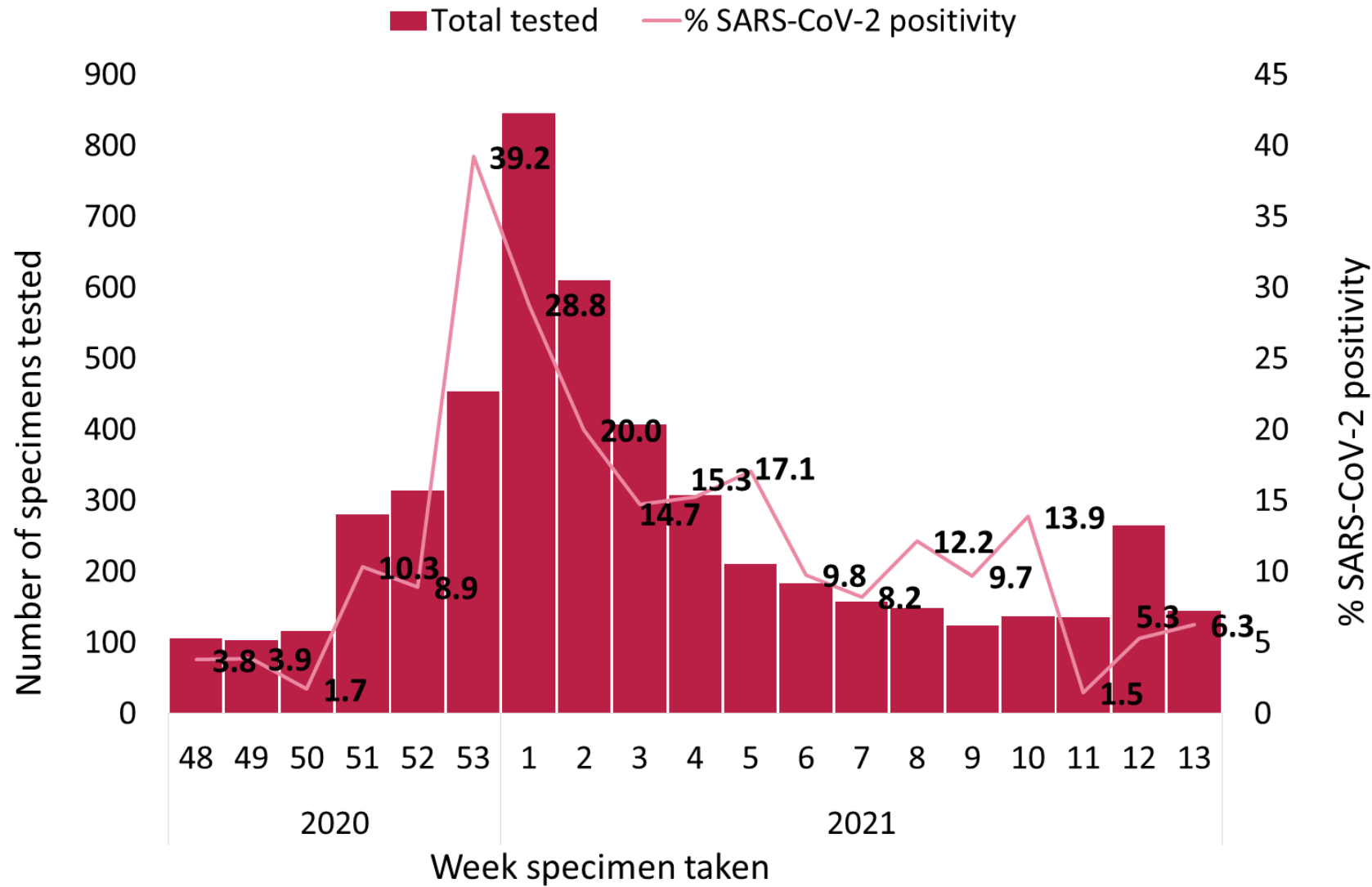


Figure 15b: % SARS-CoV-2 positivity data from sentinel GP COVID-19 referrals tested by the NVRL by week specimen was taken, weeks 48 2020 to 13 2021. The Epidemiological week is Monday to Sunday (ISO week) in line with influenza/COVID-19 international reporting to ECDC.

Hospitalisations and ICU admissions among COVID-19 cases

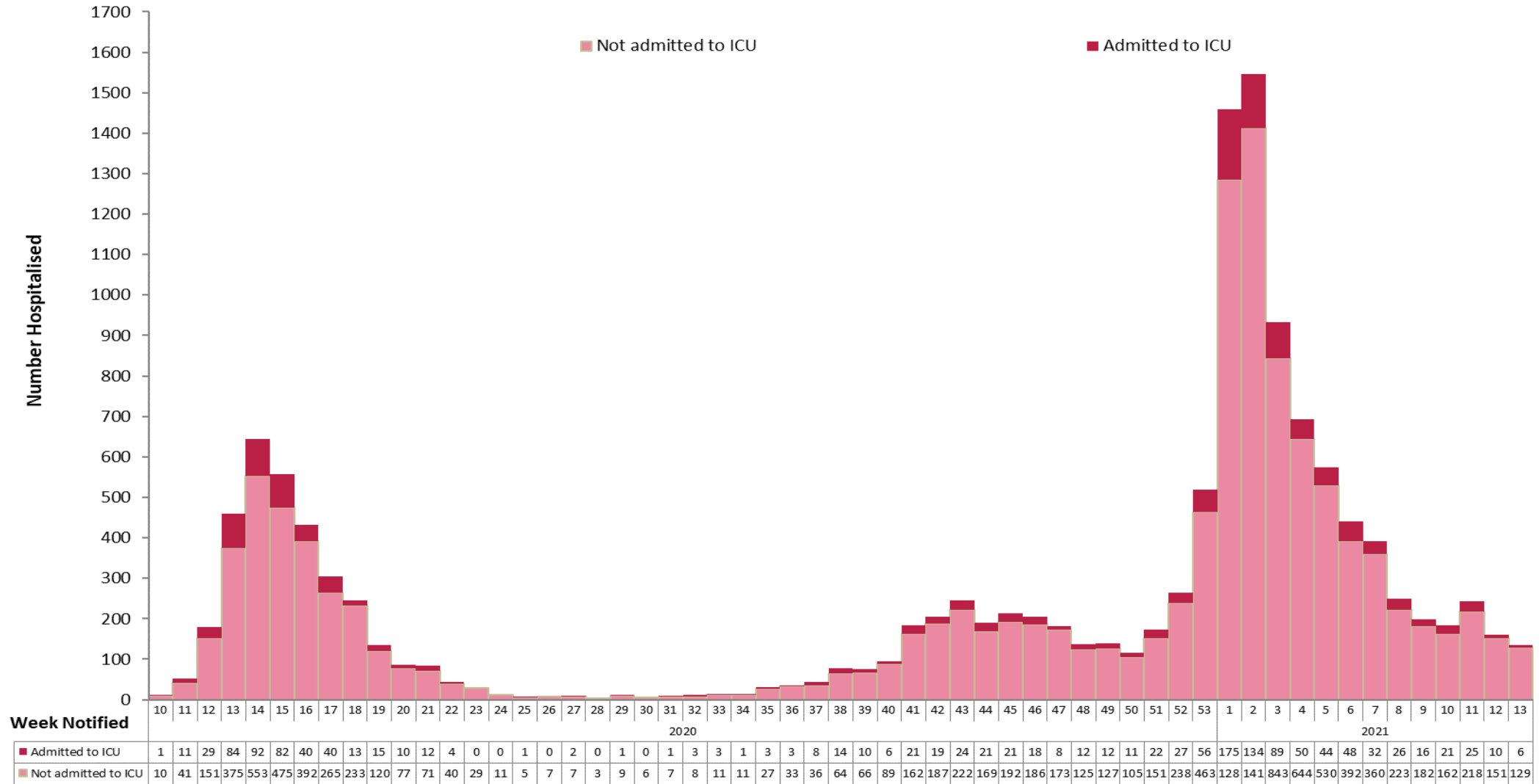


Figure 16: Number of hospitalised COVID-19 cases based on ICU admission status in Ireland between week 10, 2020 and week 13, 2021*

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

Deaths among COVID-19 cases

	Number	Percent
Total number of deaths	4,727	
confirmed	4,461	94.4
probable	95	2.0
possible	171	3.6
Number hospitalised who died	2,479	52.4
admitted to ICU who died	438	9.3
not admitted to ICU who died	2,041	43.2
Number of imported cases who died	5	0.1
Number of HCWs who died	15	0.3
Number with underlying conditions who died	4,101	86.8
Males who died	2,489	52.7
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 13, 2021

Age group (years)	Female	Male	Total	Percent
<45 yrs	24	27	51	1.1
45-54 yrs	29	49	78	1.7
55-64 yrs	86	158	244	5.2
65-74 yrs	258	473	731	15.5
75-84 yrs	684	921	1,605	34.0
85+ yrs	1,155	861	2,016	42.6
Unknown	2		2	
Total	2,238	2,489	4,727	100.0
Percent	47.3	52.7		

Table 4: Number of deaths in all COVID-19 cases by sex and age group notified in Ireland between week 10, 2020 and week 13, 2021

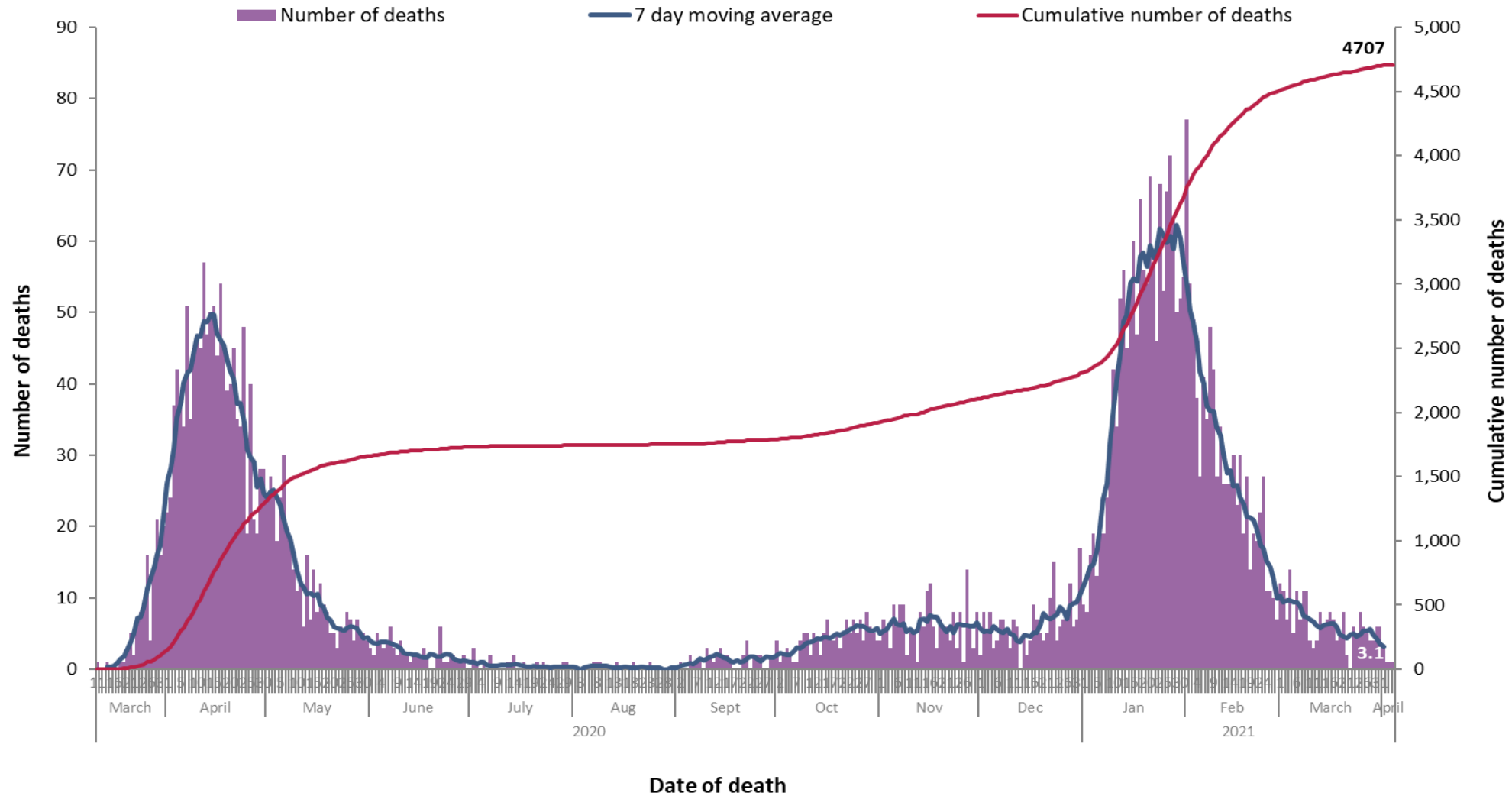


Figure 17a: Daily and 7-day moving average number of deaths among COVID-19 cases notified in Ireland by date of death and cumulative total between week 10, 2020 and week 13, 2021

* Date of death is not yet available for 20 cases

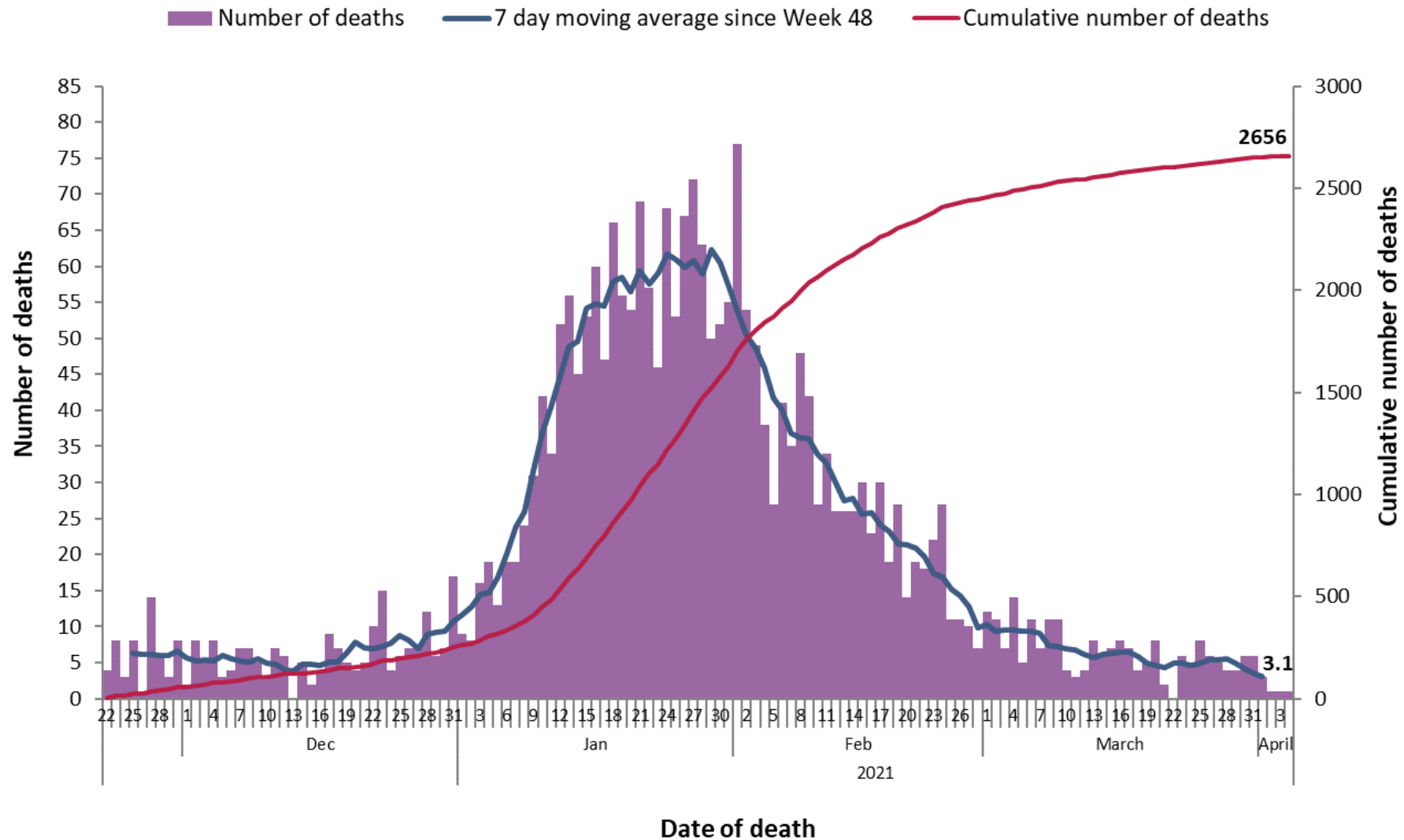


Figure 17b: Daily and 7-day moving average number of deaths among COVID-19 cases notified in Ireland by date of death and cumulative total, between week 48, 2020 and week 13, 2021

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

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

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