



Weekly Report on the Epidemiology of COVID-19 in Ireland

Week 17, 2021

Health Protection Surveillance Centre, HPSC

COVID-19 Epidemiology Team, 04/05/2021

Please note:

- The epidemiological weeks in this report, run from Sunday to Saturday. Please refer to the [HPSC website](#) for a complete list of epidemiological weeks with start and end dates for 2020/2021.
- Reference dates:
 - Week 17, 2021 (25th April 2021 to 1st May 2021)
 - Week 48, 2020 (22nd to 28th November 2020)
 - Week 10, 2020 (1st to 7th March 2020) – The beginning of the pandemic in Ireland
- Data for this report were extracted from Computerised Infectious Disease Reporting (CIDR) system on 04/05/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.
- **Note:** At the end of week 53, 2020 a significant number of cases were awaiting processing, as a result the number of cases reported in week 53 2020 is reduced and the number of cases reported in week 1, 2020 is inflated, when data are presented by notification date

Summary characteristics of COVID-19 cases notified in Ireland



	Total (week 10, 2020- week 17, 2021)		Week 17, 2021	
	Number	Percent	Number	Percent
Total number of confirmed cases	249,836		3,218	
Incidence rate of confirmed cases per 100,000 population	5246.6		67.6	
Number of cases hospitalised	14,268	5.7	94*	2.9
Number of cases admitted to ICU	1,510	0.6	9*	0.3
Number of deaths among confirmed cases	4,639	1.9	1*	0.0
Case fatality ratio (CFR %)	1.9		0.03	
Incidence rate of confirmed deaths per 100,000 population	97.4		0.02	
Number of cases associated with clusters	79,058	31.6	746	23.2
Number of imported cases	1,736	0.7	27	0.8
Number of cases in healthcare workers	28,664	11.5	69	2.1
Males	119,506	47.8	1,644	51.1
Females	130,233	52.1	1,566	48.7
M:F ratio	0.92		1.05	
Median (years)	37		29	
Mean age (years)	39		30	
Age range (years)	0 - 108		0 - 96	

* 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

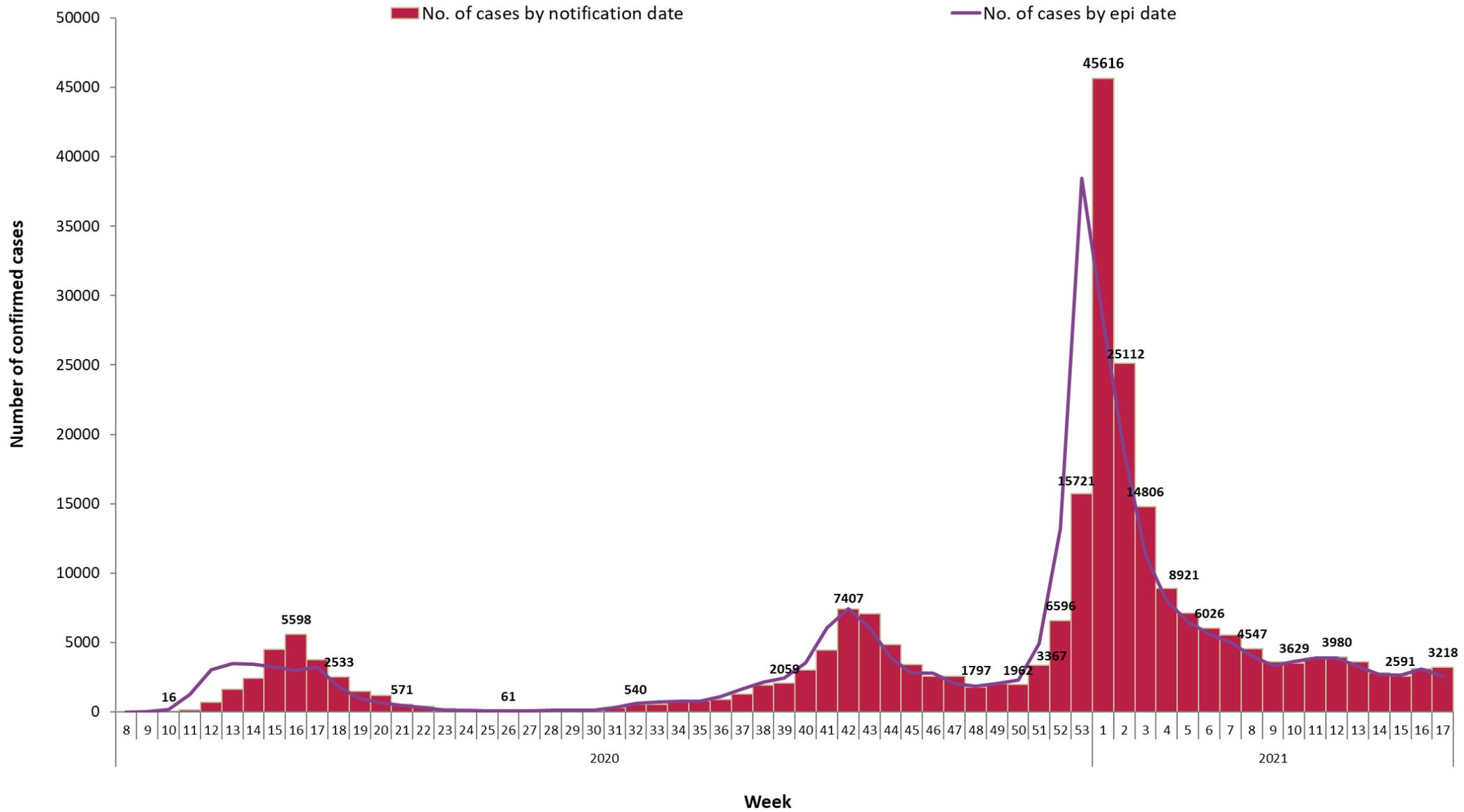


Figure 1a: Number of confirmed COVID-19 cases by notification week and [epidemiological date](#) in Ireland between week 8, 2020 and week 17, 2021

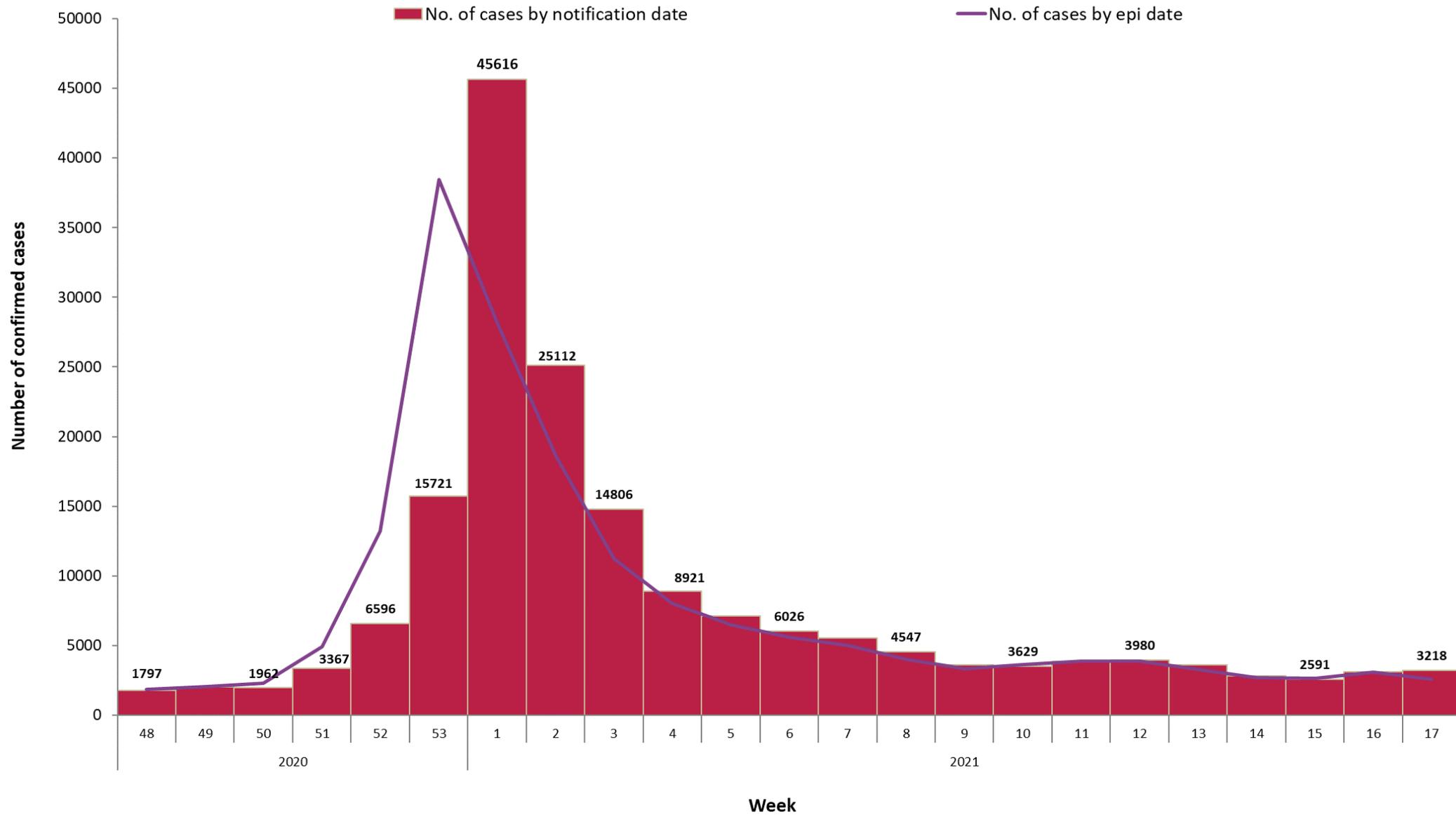


Figure 1b: Number of confirmed COVID-19 cases by notification week and [epidemiological date](#) in Ireland between week 48, 2020 and week 17, 2021

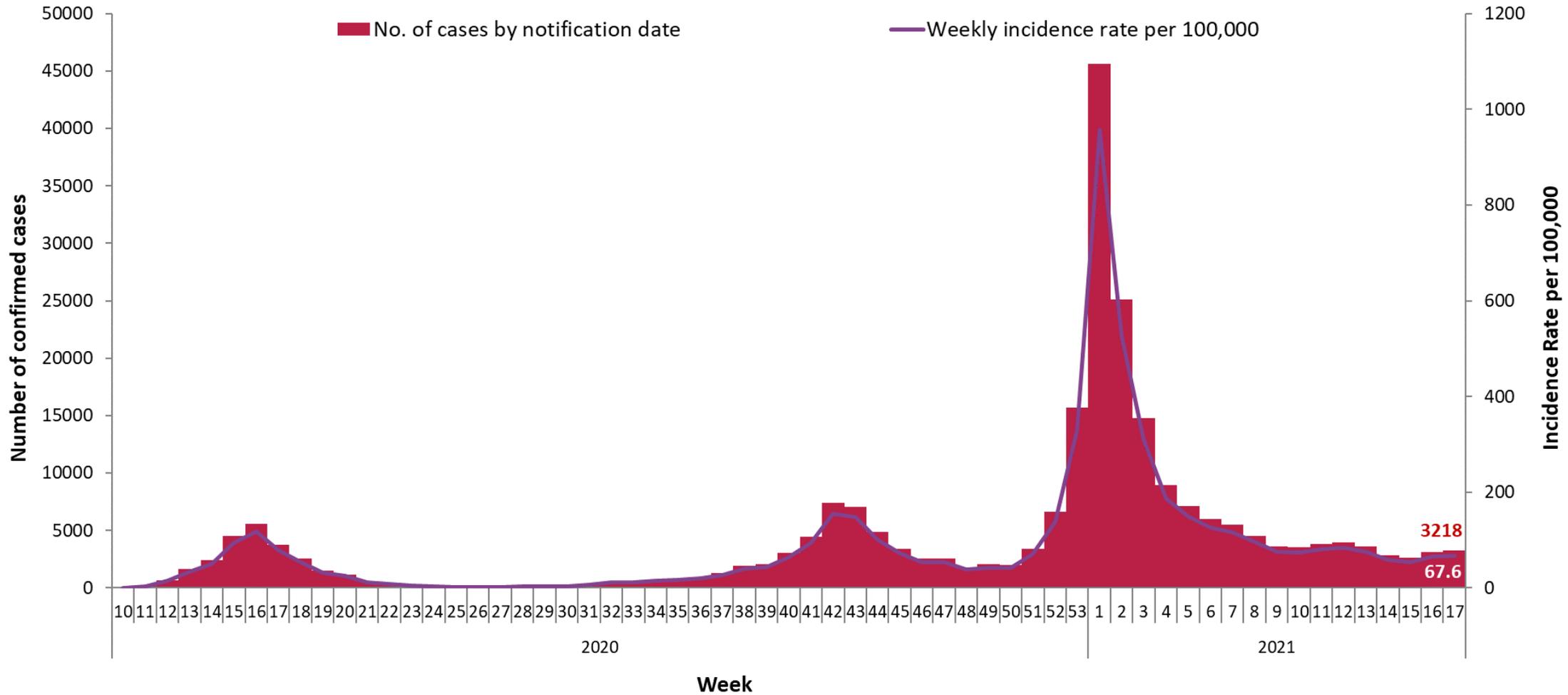


Figure 2: Number of confirmed COVID-19 cases by notification week and weekly incidence rate per 100,000 population in Ireland between week 10, 2020 and week 17, 2021

Population data were taken from Census 2016

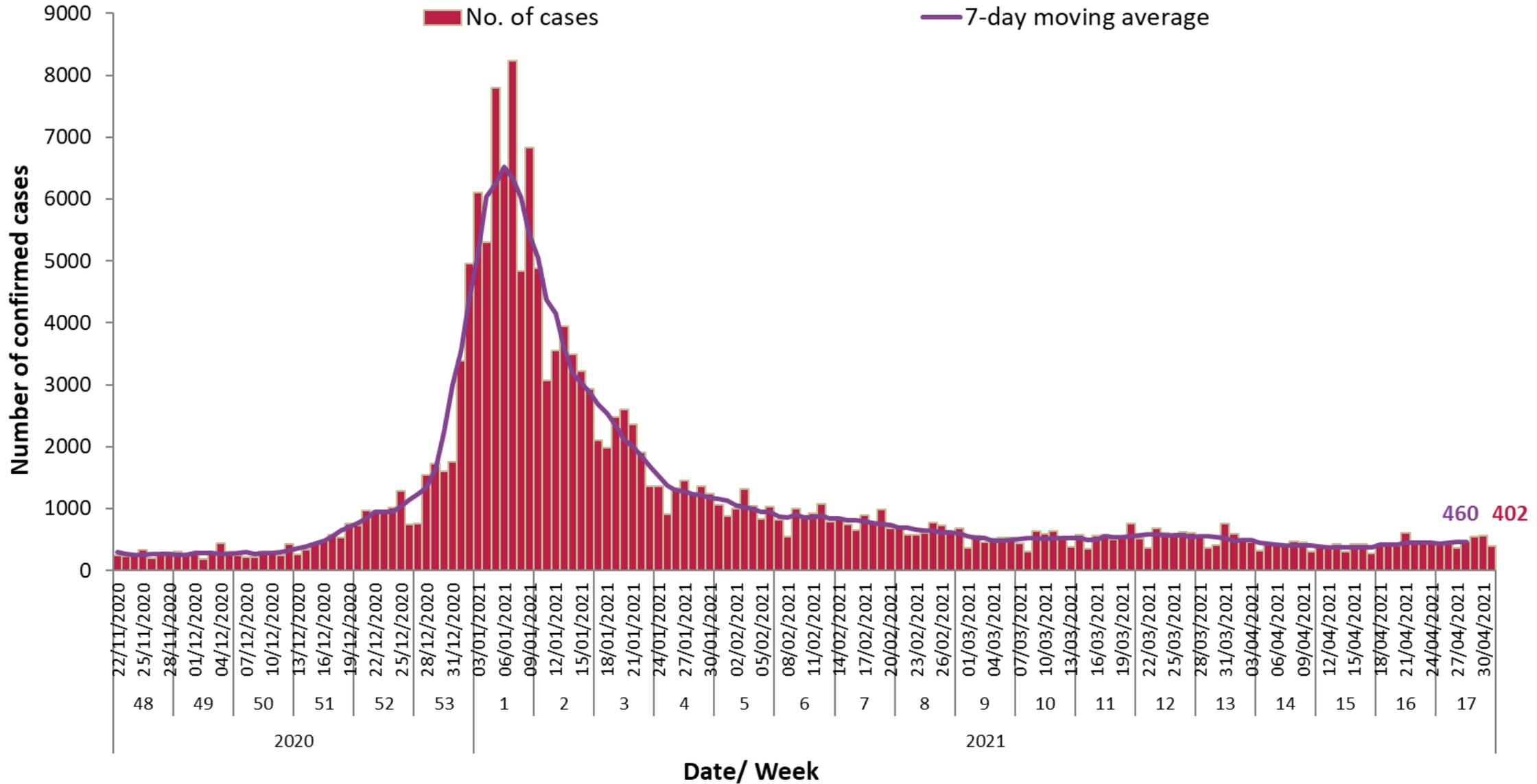


Figure 3: Number of confirmed COVID-19 cases, and 7-day moving average, by notification date in Ireland between week 48, 2020 and week 17, 2021

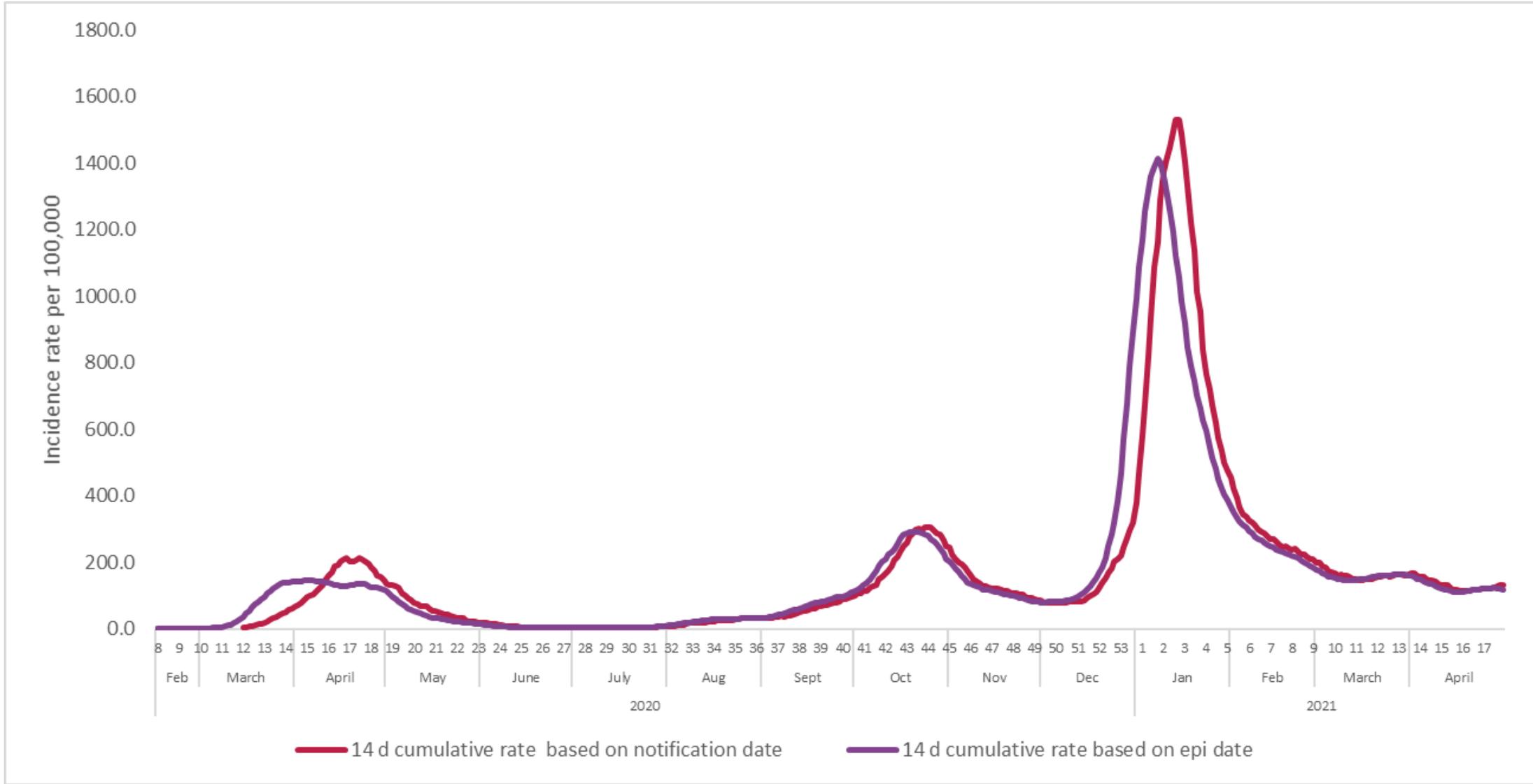


Figure 4a : Cumulative 14-day incidence rate of confirmed COVID-19 cases per 100,000 population notified in Ireland by notification and [epidemiological date](#) between week 8, 2020 and week 17, 2021

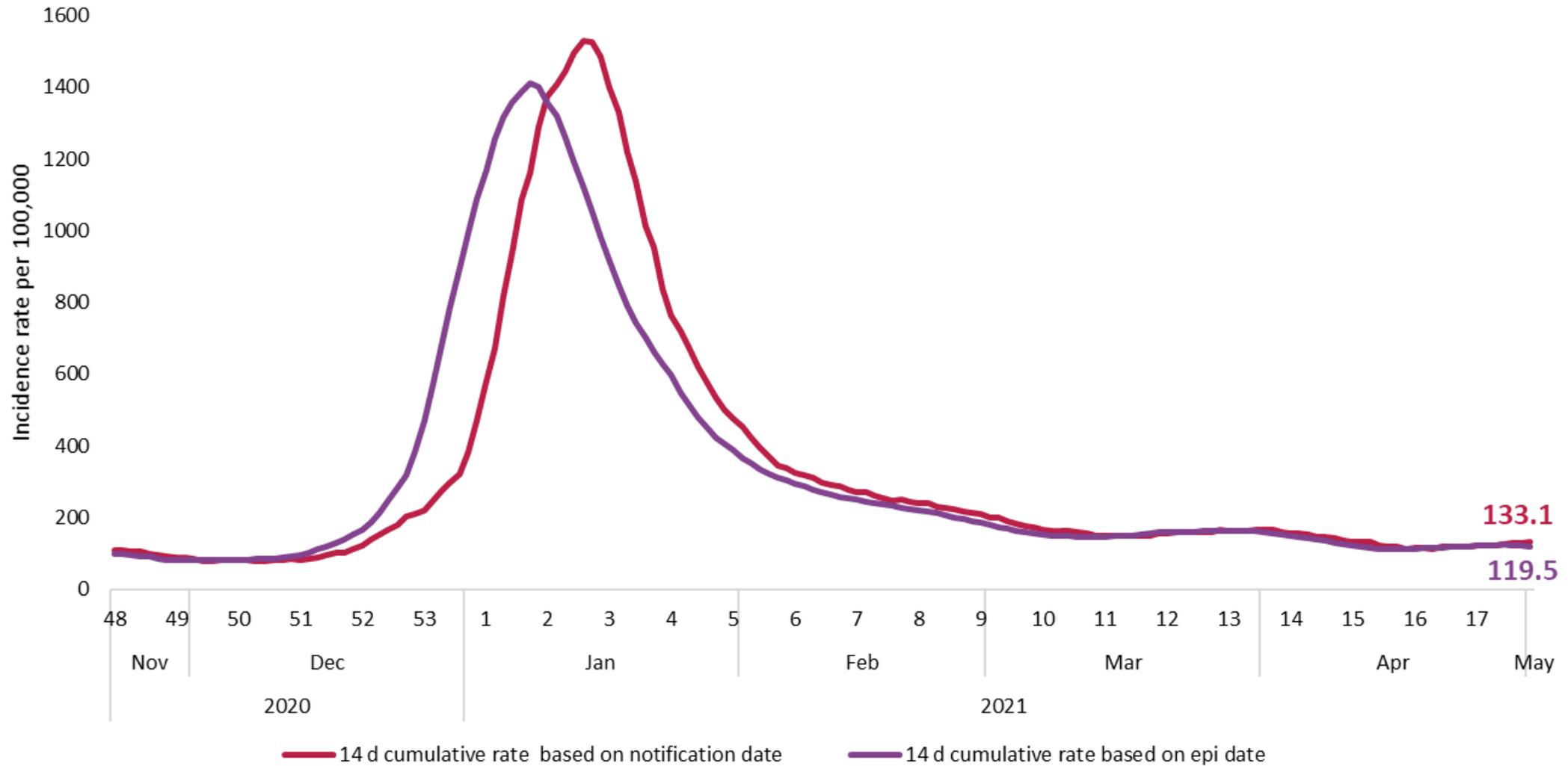


Figure 4b: Cumulative 14-day incidence rate of confirmed COVID-19 cases per 100,000 population notified in Ireland by notification and [epidemiological date](#) between week 48, 2020 and week 17, 2021

Table 1: Characteristics of confirmed COVID-19 cases notified in Ireland during week 17, 2021

Characteristic		Week 17	Percent
Total number of confirmed cases		3,218	100
Sex	Male:Female ratio	1.05	
	Male	1,644	51.1
	Female	1,566	48.7
	Unknown	8	0.2
Age	Mean age (years)	29	
	Median age (years)	30	
	Age range (years)	0 - 96	
	0-4 yrs	211	6.6
	5-12 yrs	390	12.1
	13-18 yrs	399	12.4
	19-24 yrs	374	11.6
	25-34 yrs	524	16.3
	35-44 yrs	549	17.1
	45-54 yrs	427	13.3
	55-64 yrs	214	6.7
	65-74 yrs	80	2.5
	75-84 yrs	41	1.3
	85+ yrs	9	0.3
Symptomatic*	Yes	1,872	58.2
	No	752	23.4
	Unknown	594	18.5

*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 17, 2021

(excluding 40 cases for whom age is unknown, 96 cases for whom sex is unknown and one case for whom both are unknown)

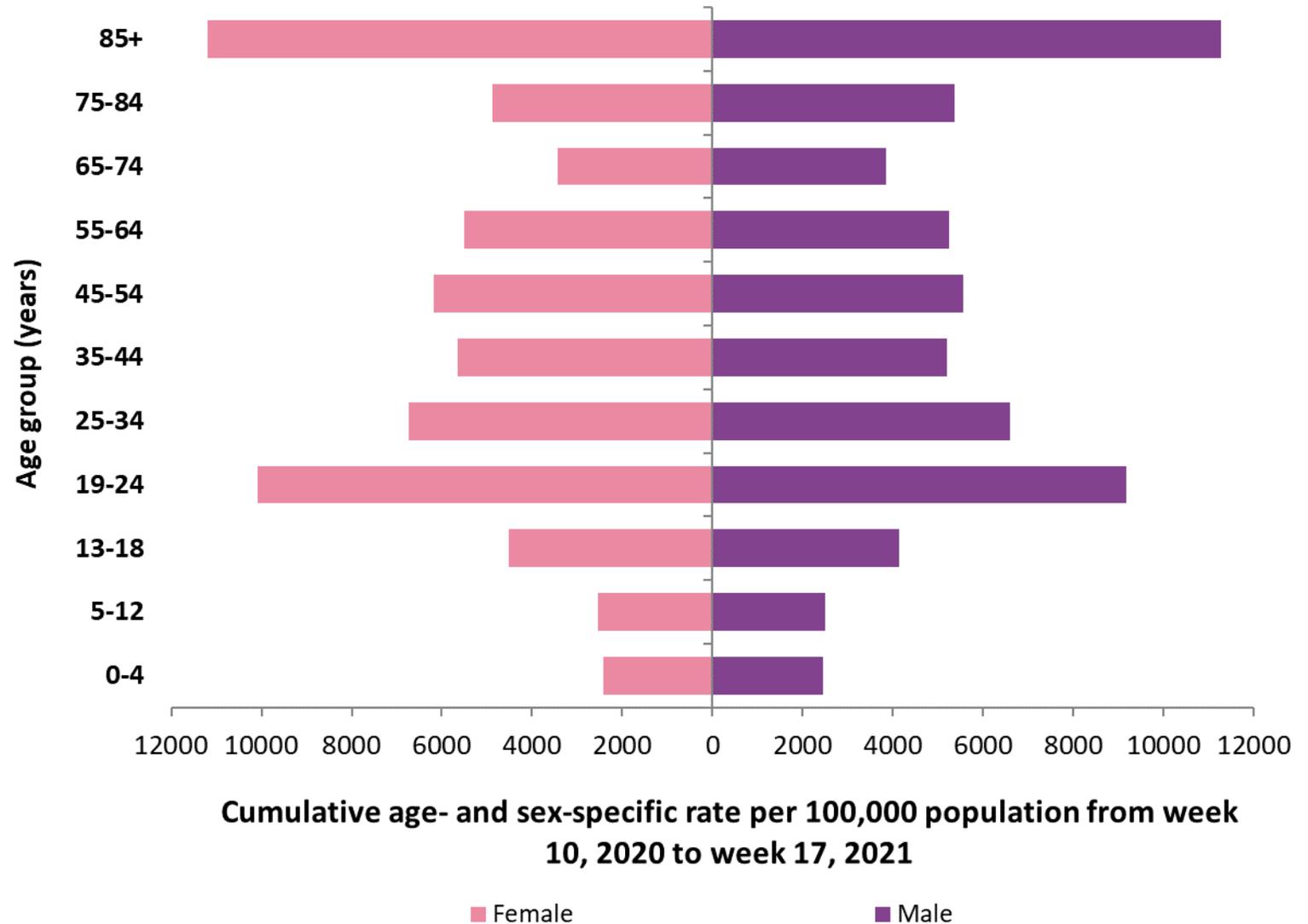


Figure 5b: Cumulative age- and sex-specific incidence rates of confirmed COVID-19 cases per 100,000 population notified in Ireland between week 48, 2020 and week 17, 2021

(excluding 16 cases for whom age is unknown, and 88 cases for whom sex is unknown)

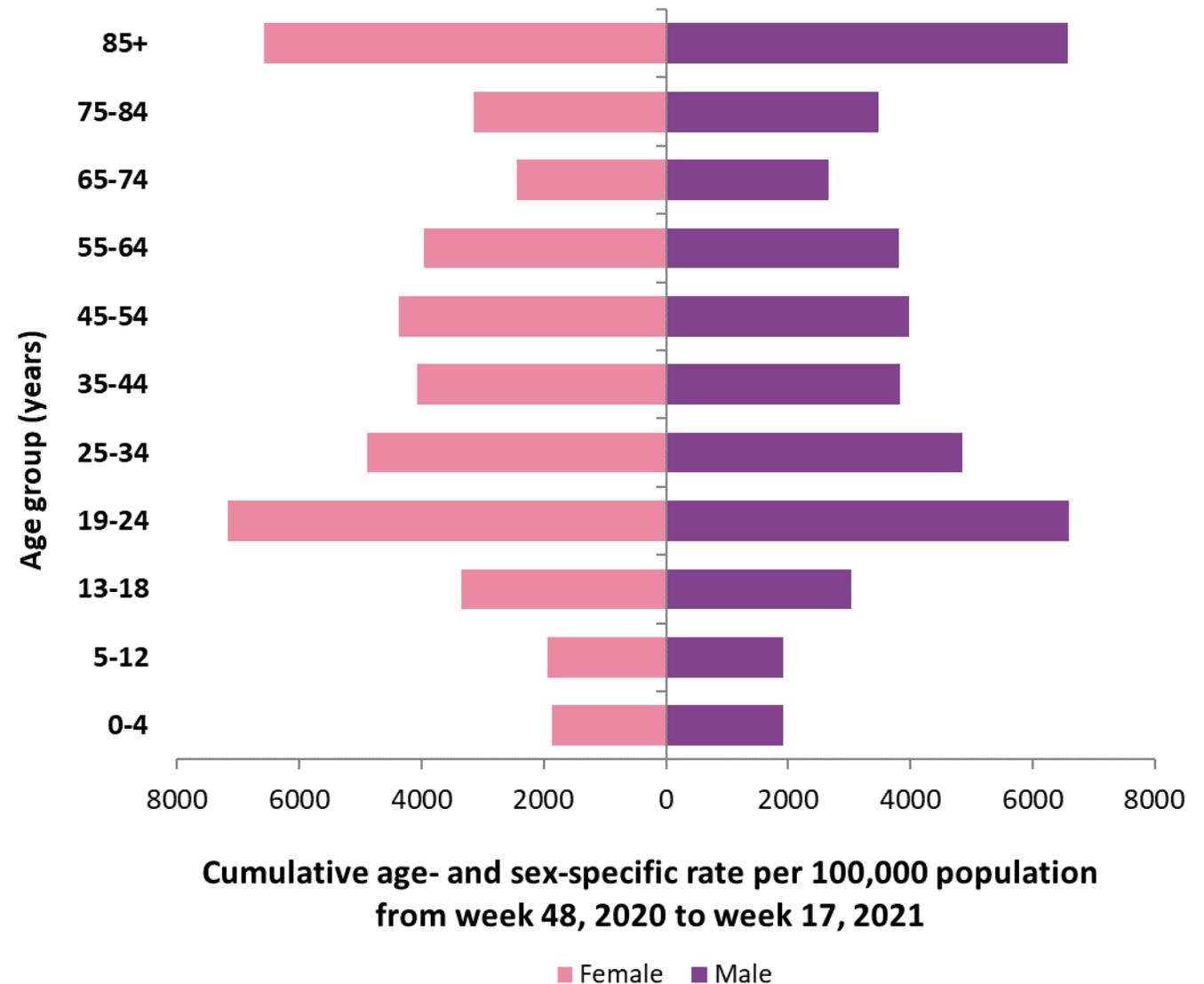
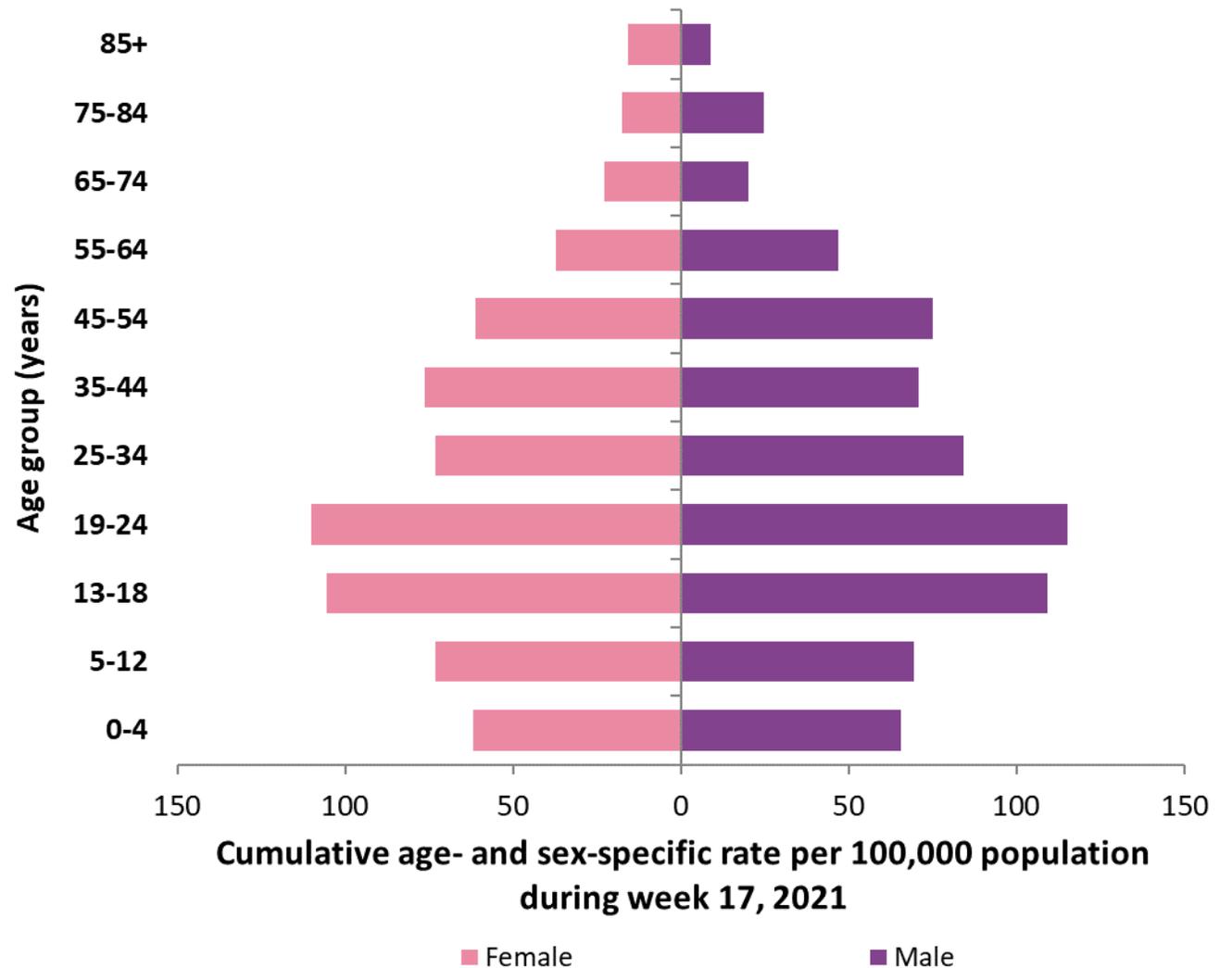


Figure 5c: Cumulative age- and sex-specific incidence rates of confirmed COVID-19 cases per 100,000 population notified in Ireland during week 17, 2021

(excluding 8 cases for whom sex is unknown)



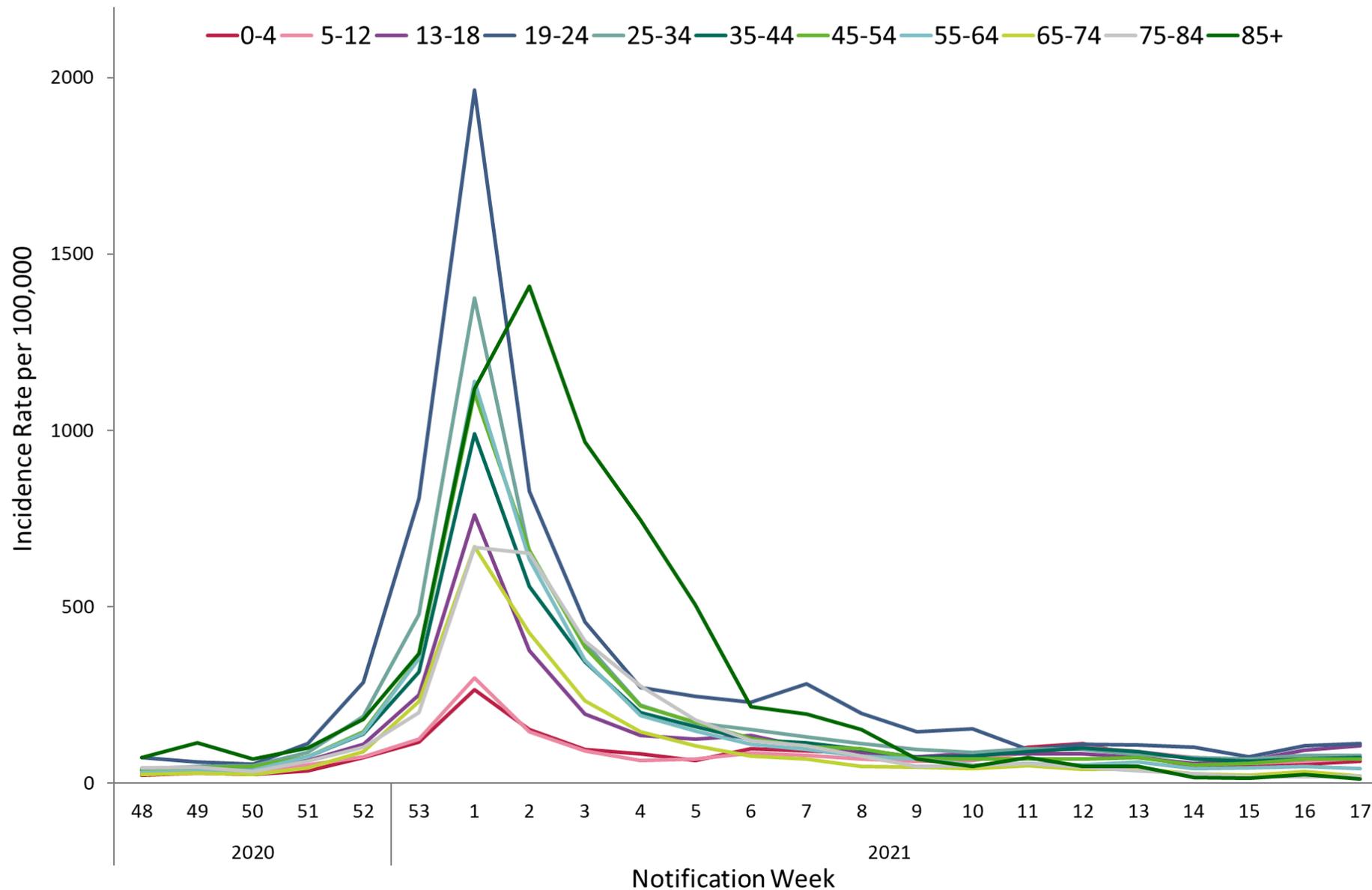


Figure 6a: Weekly age-specific incidence rates of confirmed COVID-19 cases per 100,000 population in Ireland between week 48, 2020 and week 17, 2021

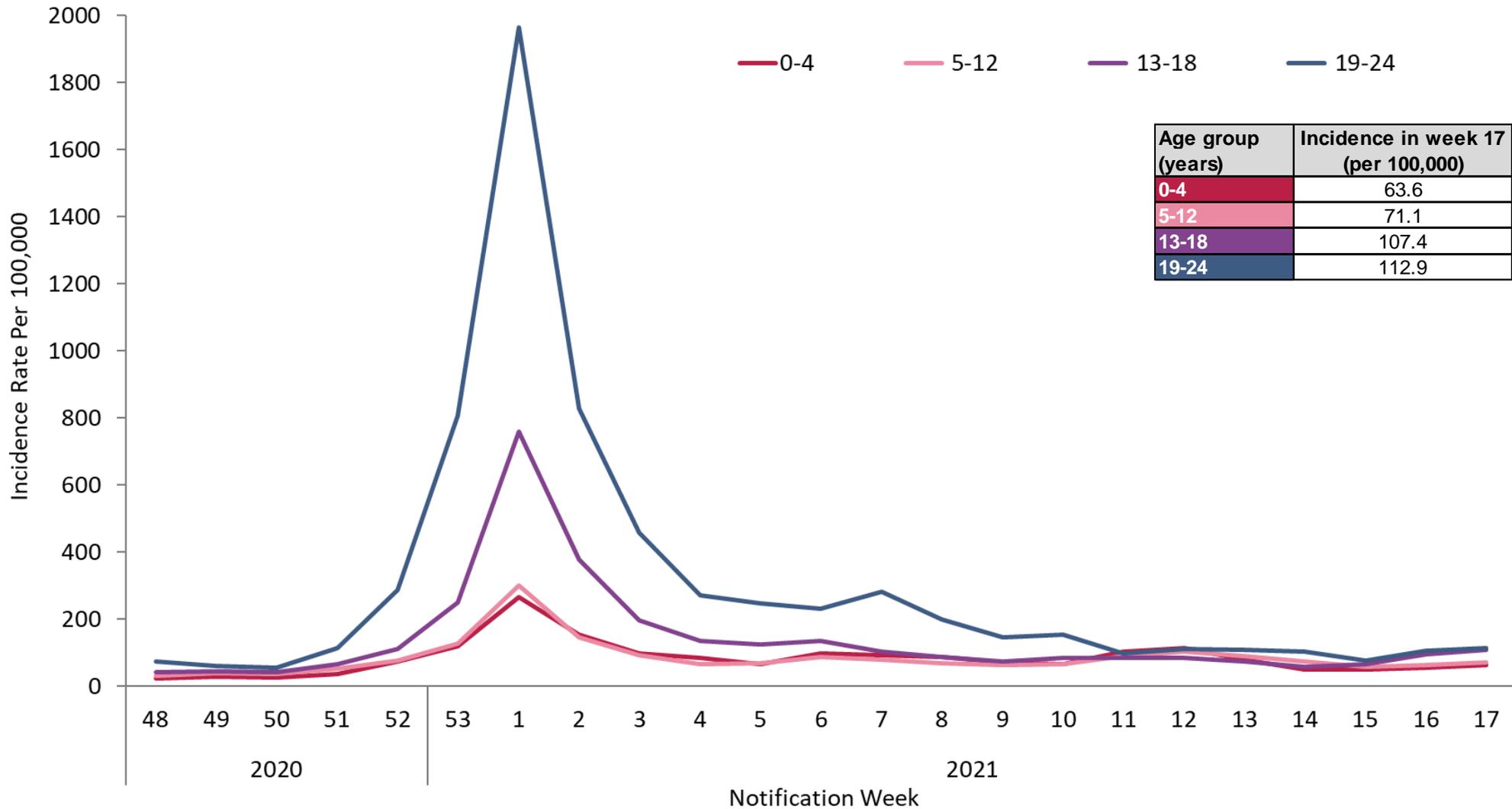


Figure 6b: Weekly age-specific incidence rates of confirmed COVID-19 cases per 100,000 population in Ireland between week 48, 2020 and week 17, 2021

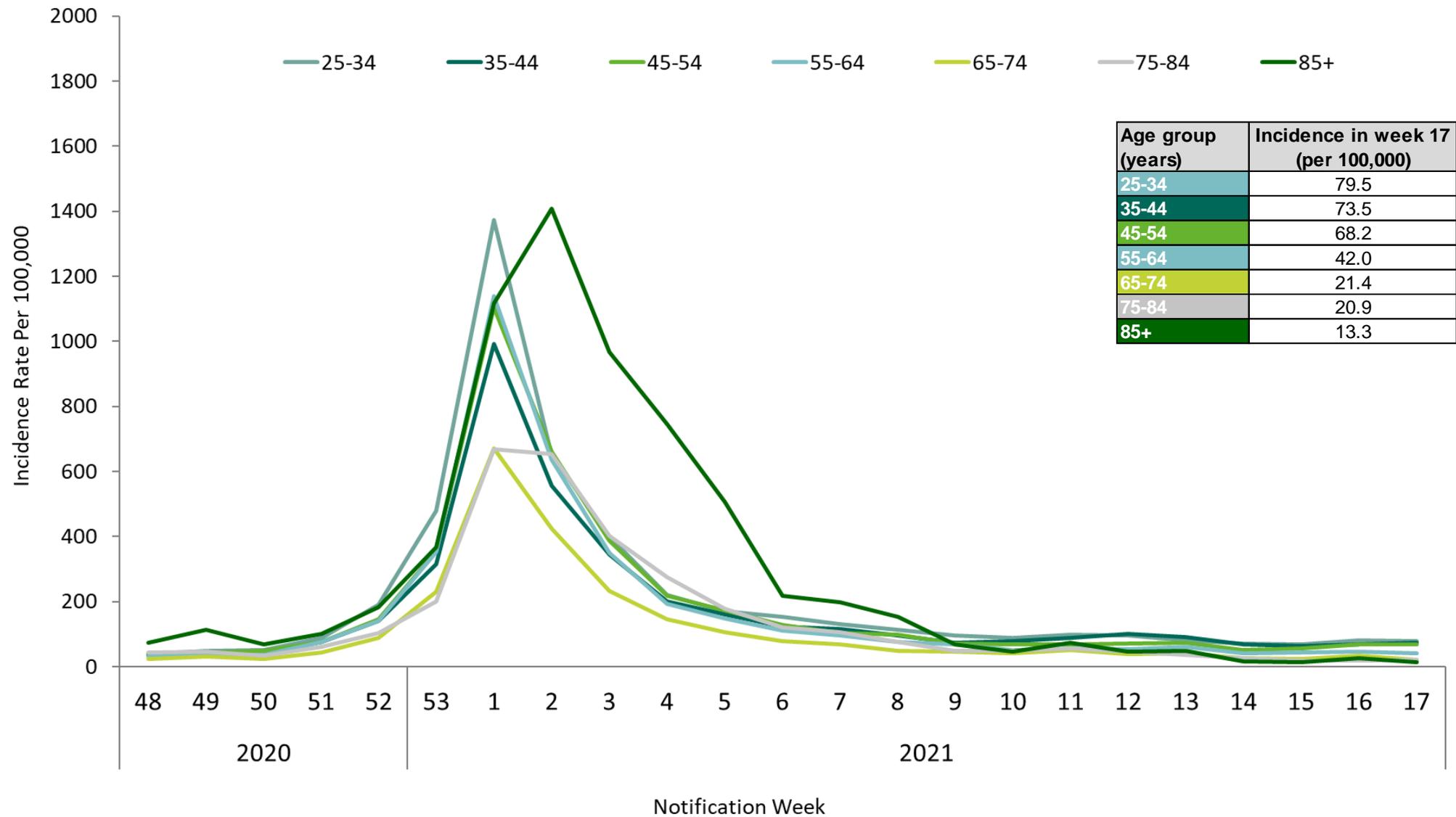


Figure 6c: Weekly age-specific incidence rates of confirmed COVID-19 cases per 100,000 population in Ireland between week 48, 2020 and week 17, 2021

		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	249.7	806.4	478.5	316.2	355.1	352.7	231.3	201.0	367.1	330.1	
2021	Notification Week	1	266.4	299.8	759.7	1964.3	1374.3	991.6	1104.6	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	652.9	1407.7	527.4
		3	97.1	91.5	197.0	458.6	398.5	345.6	387.4	349.1	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	123.8	127.6	110.0	77.6	121.6	217.6	126.5
		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	95.3	99.2	76.8	48.2	76.8	152.5	95.5
		9	70.9	62.7	74.3	145.2	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	68.2	51.9	42.0	49.9	47.4	74.2
		11	103.2	88.6	83.4	96.9	98.3	89.3	69.0	55.6	51.1	55.5	72.5	80.6
		12	113.7	102.8	84.0	109.9	96.3	100.6	70.0	53.0	39.1	46.3	47.4	83.6
		13	77.2	89.3	72.4	109.0	82.2	90.4	72.8	60.3	42.0	35.1	48.8	75.9
		14	48.6	72.7	56.2	103.3	72.2	69.1	51.3	41.5	26.8	26.5	16.3	58.8
		15	49.2	56.7	63.8	74.6	68.5	63.6	55.9	43.8	23.0	18.8	14.8	54.4
		16	53.7	63.6	93.1	105.7	79.9	69.4	68.8	47.2	34.0	18.3	25.2	65.5
		17	63.6	71.1	107.4	112.9	79.5	73.5	68.2	42.0	21.4	20.9	13.3	67.6

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 17, 2021

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

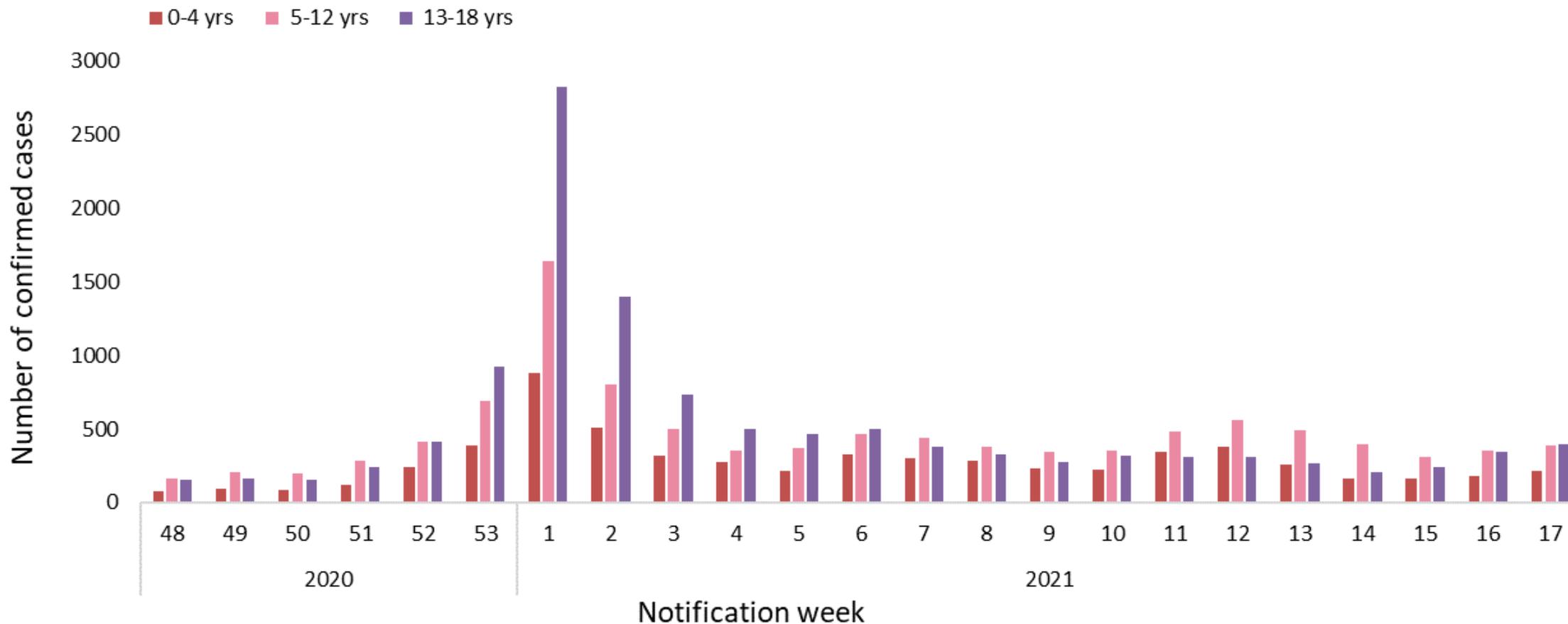


Figure 8: Weekly number of age-specific confirmed COVID-19 cases by notification week in Ireland between week 48, 2020 and week 17, 2021

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

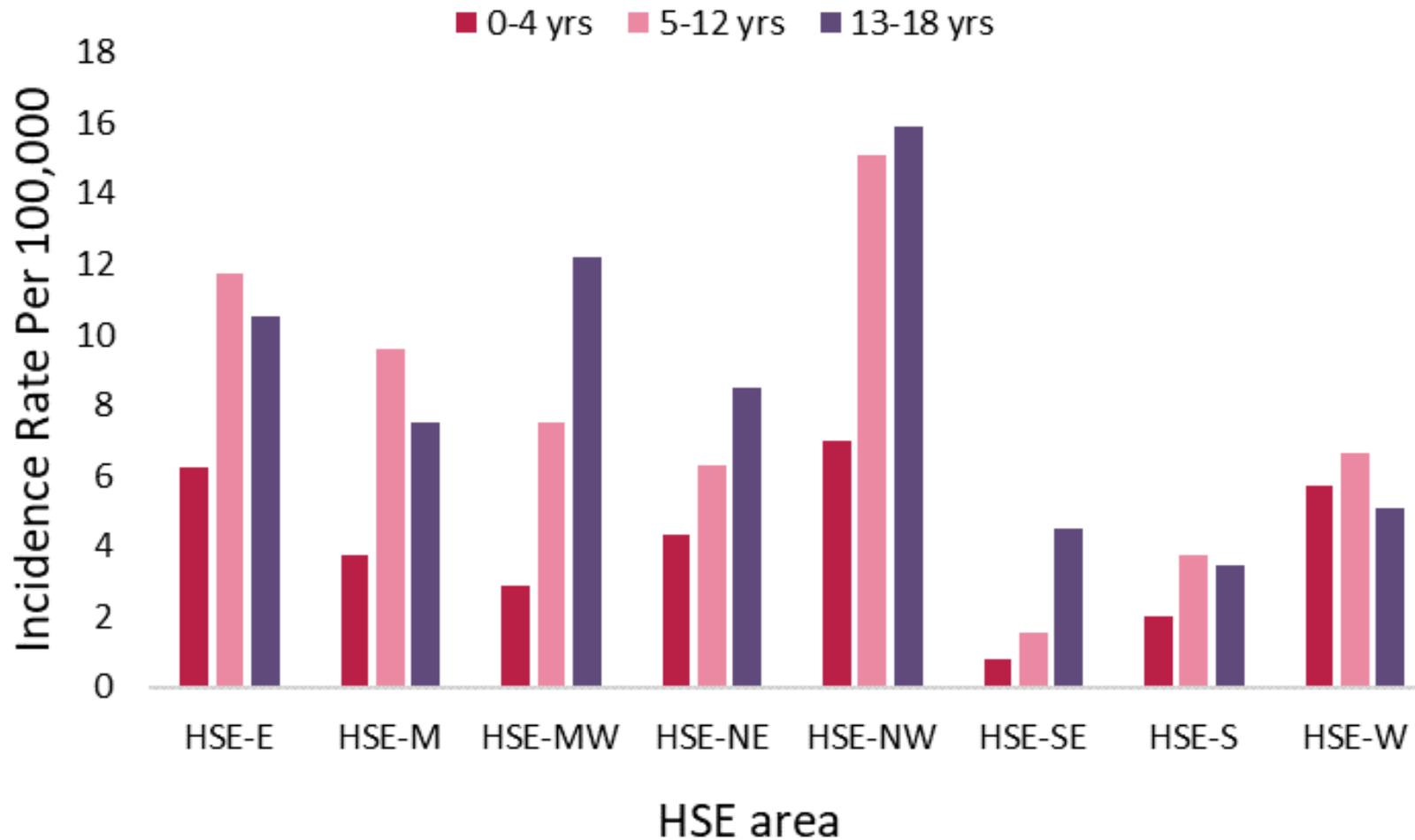


Figure 9: Age-specific incidence rates of confirmed COVID-19 cases per 100,000 population, by HSE area, notified in Ireland during week 17, 2021

Table 2: Characteristics of confirmed COVID-19 cases by county notified in Ireland, during week 17, 2021

County	Cases		M:F ratio	Median age (years)	Incidence Rate per 100,000
	N	%			
Donegal	255	7.9	1.0	25	160.2
Kildare	334	10.4	1.0	27	150.1
Westmeath	102	3.2	1.0	34.5	114.9
Dublin	1210	37.6	1.1	30	89.8
Meath	170	5.3	1.1	31.5	87.2
Cavan	64	2.0	1.9	35.5	84.0
Tipperary	125	3.9	1.8	20	78.3
Longford	26	0.8	1.4	33.5	63.6
Offaly	48	1.5	1.8	22	61.6
Carlow	34	1.1	0.9	31.5	59.7
Galway	143	4.4	1.2	26	55.4
Limerick	107	3.3	0.8	29	54.9
Monaghan	32	1.0	0.7	23	52.1
Waterford	60	1.9	0.9	28	51.6
Wicklow	69	2.1	1.1	32	48.4
Louth	62	1.9	0.8	27.5	48.1
Roscommon	29	0.9	1.4	24	44.9
Cork	228	7.1	0.9	20	42.0
Leitrim	13	0.4	1.2	50	40.6
Mayo	31	1.0	0.8	29	23.8
Laois	15	0.5	1.1	29	17.7
Clare	20	0.6	0.5	25.5	16.8
Sligo	11	0.3	1.8	51	16.8
Kilkenny	10	0.3	1.0	33	10.1
Wexford	14	0.4	1.3	47	9.4
Kerry	6	0.2	2.0	29.5	4.1

		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	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	143.6	31.6	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	242.4	506.7	396.4	282.4	553.4	276.3	275.5	299.2	164.9	305.3	333.0	287.1	613.1	340.1	775.9	491.2	371.2	858.5	310.4	313.0	497.4	197.4	233.3	247.8	281.2	118.7	330.1
2021	1	1083.7	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	1430.7	669.7	768.0	1668.1	554.1	416.8	630.2	614.2	1300.6	451.7	1178.2	498.5	957.9
	2	669.2	449.0	471.3	527.4	532.1	561.1	630.1	281.0	398.2	314.4	429.8	149.8	641.9	178.6	811.6	970.8	457.3	1010.0	404.0	503.5	212.1	411.1	572.4	243.3	665.2	313.8	527.4
	3	426.8	347.9	193.6	273.0	294.0	371.9	251.9	156.4	307.4	153.2	238.5	137.3	310.4	212.9	451.6	350.9	318.4	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	147.9	84.7	146.4	74.9	172.4	181.0	284.0	223.0	184.6	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	181.5	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	108.1	150.0
	6	159.8	153.6	63.1	60.1	70.4	185.2	150.4	35.9	125.8	59.5	153.5	59.3	115.4	119.9	156.7	122.6	136.9	166.2	203.9	57.3	56.5	83.4	127.4	119.4	106.9	67.4	126.5
	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	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	69.0	28.7	107.4	131.3	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	220.2	105.5	69.7	109.2	52.1	166.8	58.9	32.0	62.7	38.7	102.5	34.7	49.1	76.2
	10	43.9	21.0	21.0	26.2	94.2	106.9	65.1	26.4	144.7	13.1	31.9	18.7	71.8	178.6	66.7	55.9	96.4	44.0	224.5	66.6	44.3	47.6	57.7	67.6	45.4	39.3	74.2
	11	84.3	65.6	36.2	19.9	116.8	121.6	70.1	26.4	107.0	25.2	56.7	21.8	44.1	115.0	66.7	16.1	120.5	24.4	179.6	85.2	54.9	103.4	77.5	68.7	77.5	52.0	80.6
	12	29.9	84.0	26.9	22.3	166.5	124.3	49.2	6.8	115.5	27.2	107.4	37.4	54.9	75.8	91.6	42.9	108.7	17.9	260.4	51.1	13.7	92.1	41.3	117.2	70.8	68.1	83.6
	13	26.3	99.8	24.4	34.4	85.4	117.2	43.8	18.3	105.6	9.1	137.0	28.1	39.0	75.8	72.9	50.6	99.5	52.1	195.0	51.1	10.7	52.6	25.8	146.4	54.8	51.3	75.9
	14	12.3	63.0	13.5	24.3	75.4	94.6	43.8	16.9	107.4	6.0	68.5	21.8	28.7	75.8	52.0	42.9	73.3	63.5	85.9	37.2	12.2	32.6	25.0	75.5	32.7	44.9	58.8
15	49.2	61.7	27.8	13.8	128.1	75.8	40.3	24.4	91.2	15.1	67.3	46.8	55.4	71.0	47.3	39.1	71.3	40.7	110.3	41.8	4.6	25.7	43.0	55.2	25.4	32.3	54.4	
16	33.4	51.2	20.2	25.8	131.9	99.6	35.7	10.2	115.5	15.1	44.9	93.6	64.1	100.3	60.5	45.2	67.2	19.5	96.2	29.4	42.7	92.8	24.1	77.7	14.0	44.9	65.5	
17	59.7	84.0	16.8	42.0	160.2	89.8	55.4	4.1	150.1	10.1	17.7	40.6	54.9	63.6	48.1	23.8	87.2	52.1	61.6	44.9	16.8	78.3	51.6	114.9	9.4	48.4	67.6	

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 17, 2021

		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	89.2	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	482.6	572.6	504.0	246.1	286.0	343.0	330.1
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	529.1	474.7	710.2	527.4
	3	351.1	233.3	255.3	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	167.7	151.9	88.1	149.5	65.1	108.2	54.9	129.1	126.5
	7	146.5	156.7	114.0	125.6	73.3	89.5	32.0	148.8	116.0
	8	120.9	150.5	105.7	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	68.9	71.7	42.3	26.2	62.7	74.2
	11	113.9	101.3	52.2	83.9	88.8	72.9	21.3	56.7	80.6
	12	118.5	146.8	54.0	88.0	110.9	54.1	19.0	47.7	83.6
	13	110.2	146.8	41.8	86.0	58.9	32.1	31.0	46.8	75.9
	14	92.2	76.3	27.3	64.5	52.3	21.6	22.7	42.6	58.8
	15	74.2	75.6	44.4	59.1	86.1	27.8	16.1	40.2	54.4
	16	97.1	76.3	68.8	55.4	105.8	22.5	22.4	37.5	65.5
	17	94.2	65.3	57.9	71.3	108.2	28.8	33.9	44.8	67.6

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 17, 2021

		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	89.2	73.9	51.4	79.3	100.3
	52	186.1	88.7	169.6	128.9	136.4	178.3	130.1	99.3	162.2
	53	565.3	343.0	482.6	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	510.1	710.2	550.9	474.7	529.1	474.5	453.4	469.3	622.1
	3	338.4	265.5	255.3	248.1	330.6	322.1	314.8	304.4	410.2
	4	195.5	171.0	154.8	136.8	202.2	184.8	188.4	194.4	251.5
	5	155.1	147.0	109.1	109.6	155.8	142.0	150.5	154.9	214.0
	6	98.9	129.1	88.1	54.9	108.2	135.4	133.8	147.4	226.1
	7	95.8	148.8	114.0	32.0	89.5	112.0	123.8	137.3	193.8
	8	79.7	90.5	105.7	30.4	60.9	89.3	94.7	133.4	170.4
	9	46.5	59.4	65.7	27.7	42.1	90.8	67.8	115.1	157.4
	10	58.3	62.7	51.4	26.2	42.3	49.3	95.5	98.3	153.5
	11	75.1	56.7	52.2	21.3	72.9	68.1	88.9	99.6	170.6
	12	92.3	47.7	54.0	19.0	54.1	84.0	103.6	122.6	156.7
	13	66.4	46.8	41.8	31.0	32.1	57.9	98.9	115.8	155.3
	14	56.7	42.6	27.3	22.7	21.6	42.0	86.5	69.9	129.5
	15	75.1	40.2	44.4	16.1	27.8	40.2	67.1	68.0	103.2
	16	81.5	37.5	68.8	22.4	22.5	56.9	91.6	69.8	128.3
	17	95.8	44.8	57.9	33.9	28.8	51.2	107.8	68.3	105.2

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 17 2021

Please be advised that the Dublin Local Health Offices data are being validated and will be reintroduced once validation is complete.

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

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

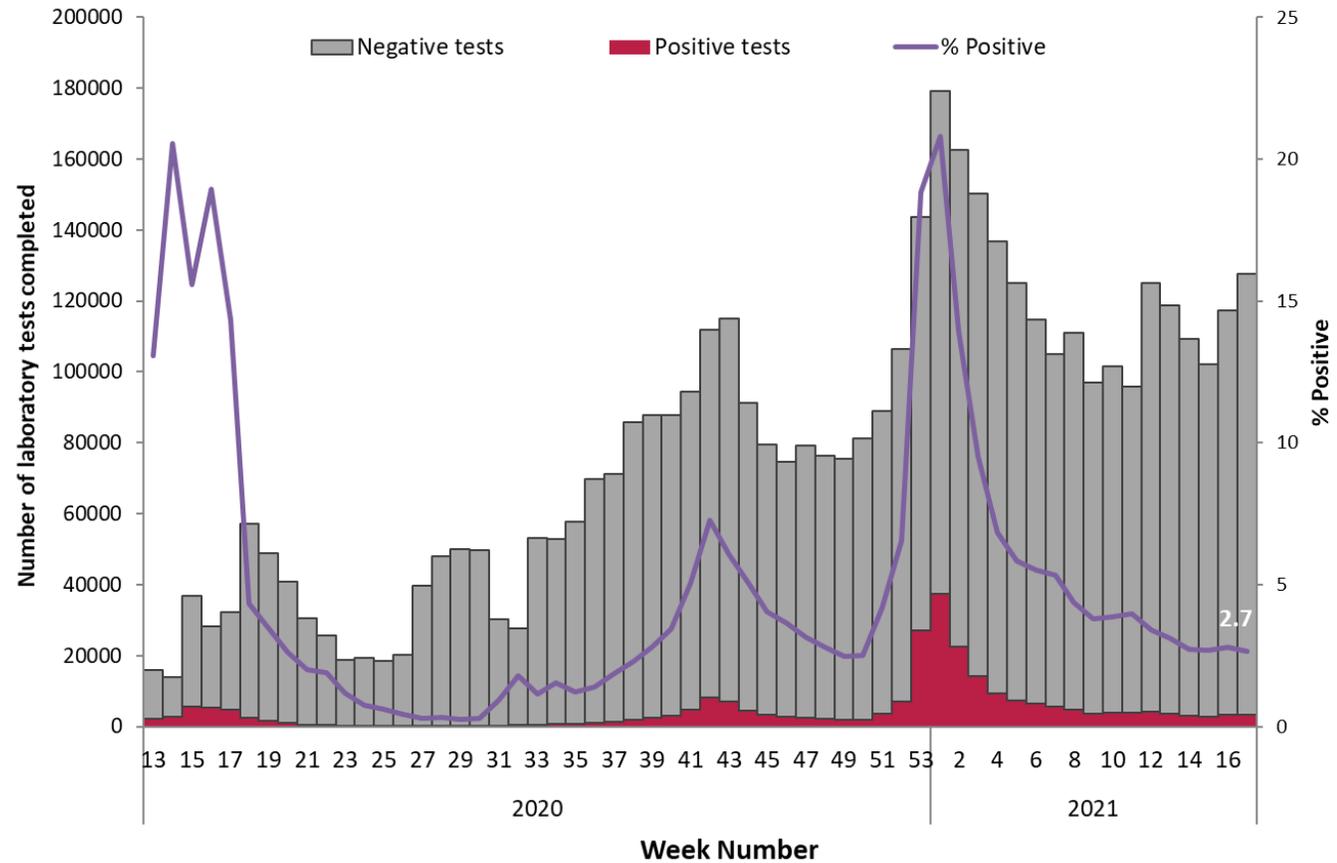
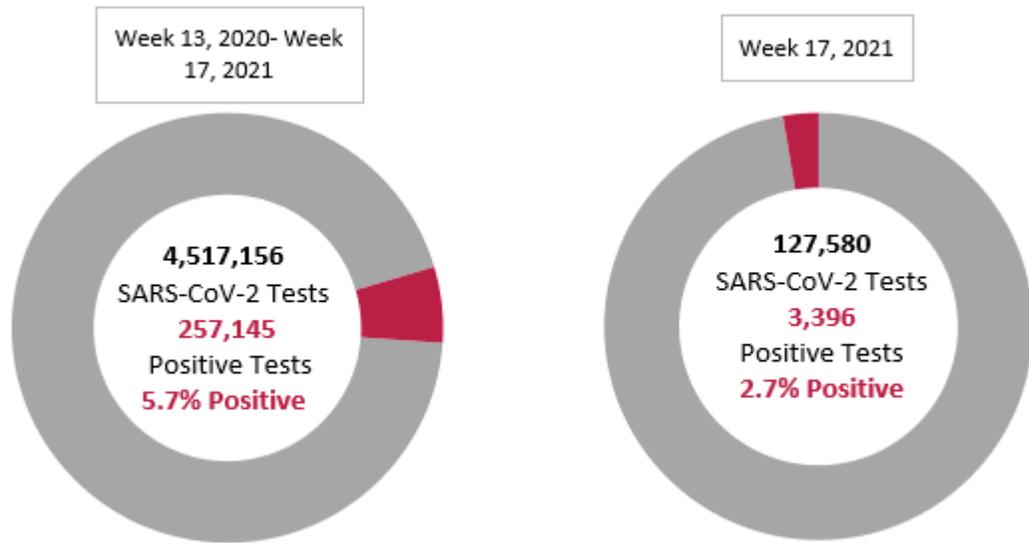
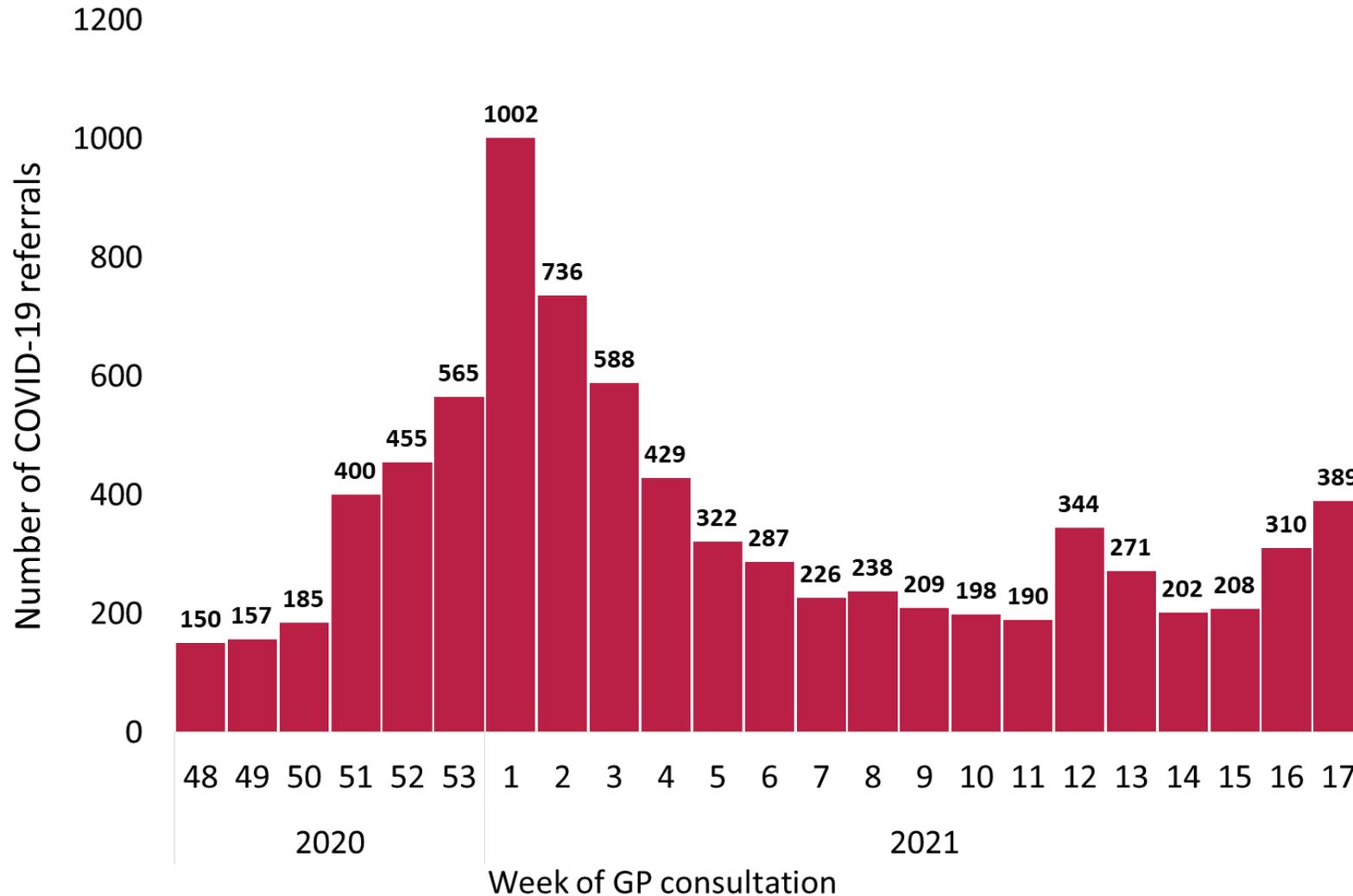


Figure 14a: Number of SARS-CoV-2 tests and positive tests* in Ireland between week 13, 2020 and week 17, 2021

Figure 14b: Number of SARS-CoV-2 negative and positive tests* completed in Ireland between week 13, 2020 and week 17, 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 13a: Number of sentinel GP COVID-19 referrals by week of consultation, weeks 48 2020-17 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

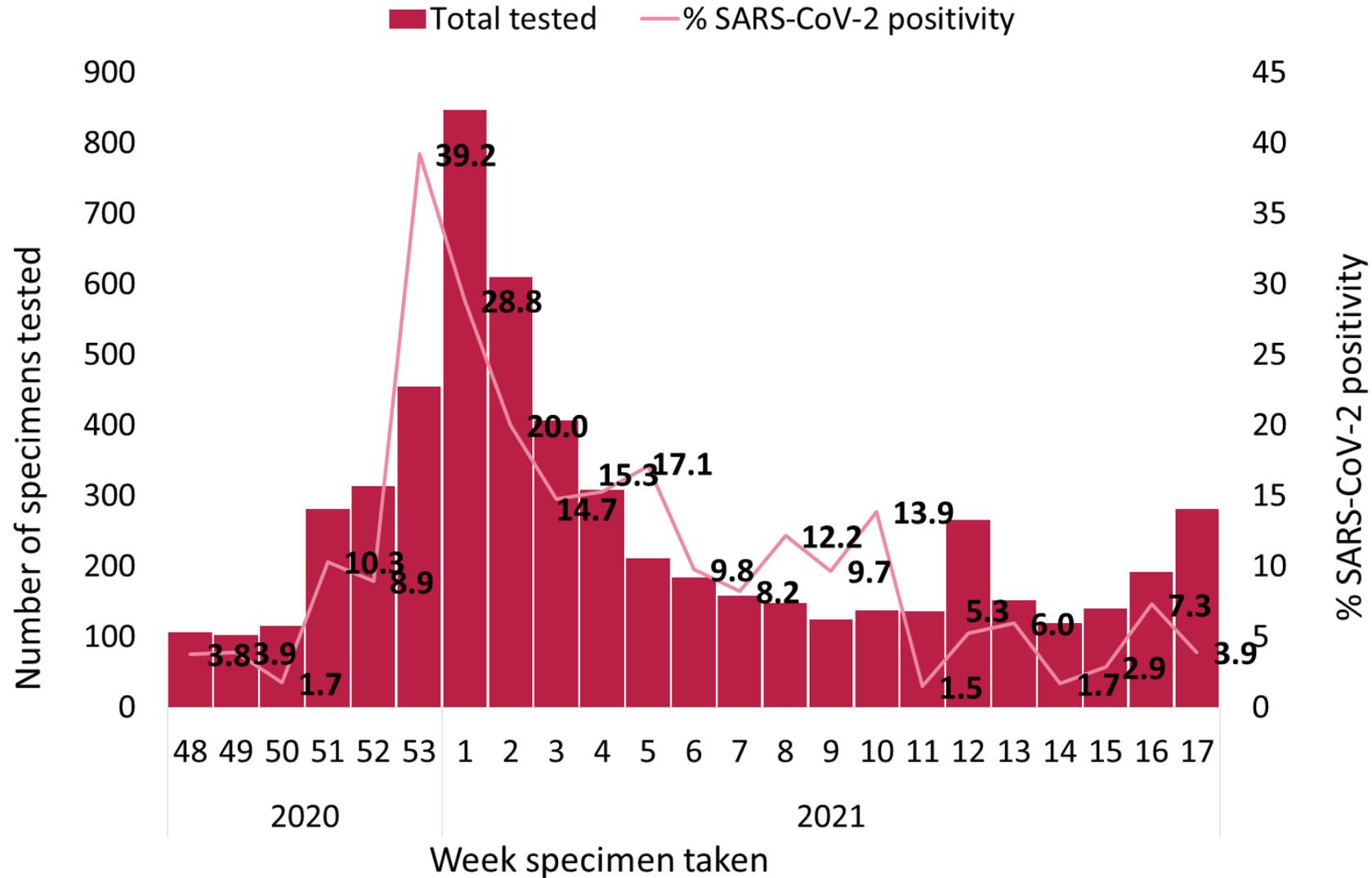


Figure 13b: % SARS-CoV-2 positivity data from sentinel GP COVID-19 referrals tested by the NVRL by week specimen was taken, weeks 48 2020 to 17 2021. The Epidemiological week is Monday to Sunday (ISO week) in line with influenza/COVID-19 international reporting to ECDC.

Hospitalisations and ICU admissions among COVID-19 cases

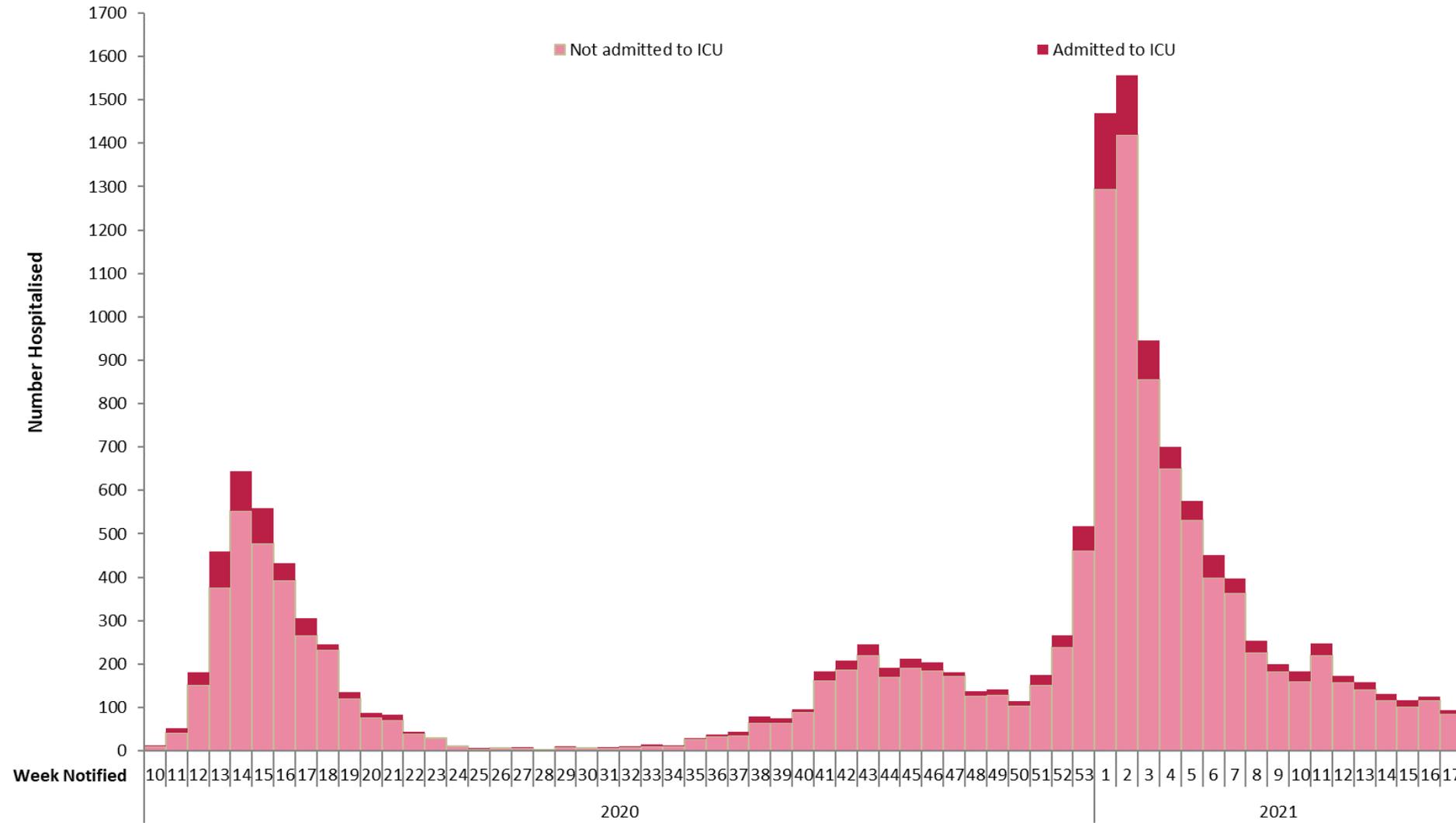


Figure 16: Number of hospitalised COVID-19 cases based on ICU admission status in Ireland between week 10, 2020 and week 17, 2021*

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

Deaths among COVID-19 cases

	Number	Percent
Total number of deaths	4,908	
confirmed	4,639	94.5
probable	95	1.9
possible	174	3.5
Number hospitalised who died	2,623	53.4
admitted to ICU who died	468	9.5
not admitted to ICU who died	2,155	43.9
Number of imported cases who died	5	0.1
Number of HCWs who died	18	0.4
Number with underlying conditions who died	4,304	87.7
Males who died	2,581	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 17, 2021

Age group (years)	Female	Male	Total	Percent
<45 yrs	25	29	54	1.1
45-54 yrs	30	57	87	1.8
55-64 yrs	98	166	264	5.4
65-74 yrs	270	488	758	15.4
75-84 yrs	711	949	1,660	33.8
85+ yrs	1,191	892	2,083	42.4
Unknown	2		2	0.0
Total	2,327	2,581	4,908	
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 17, 2021

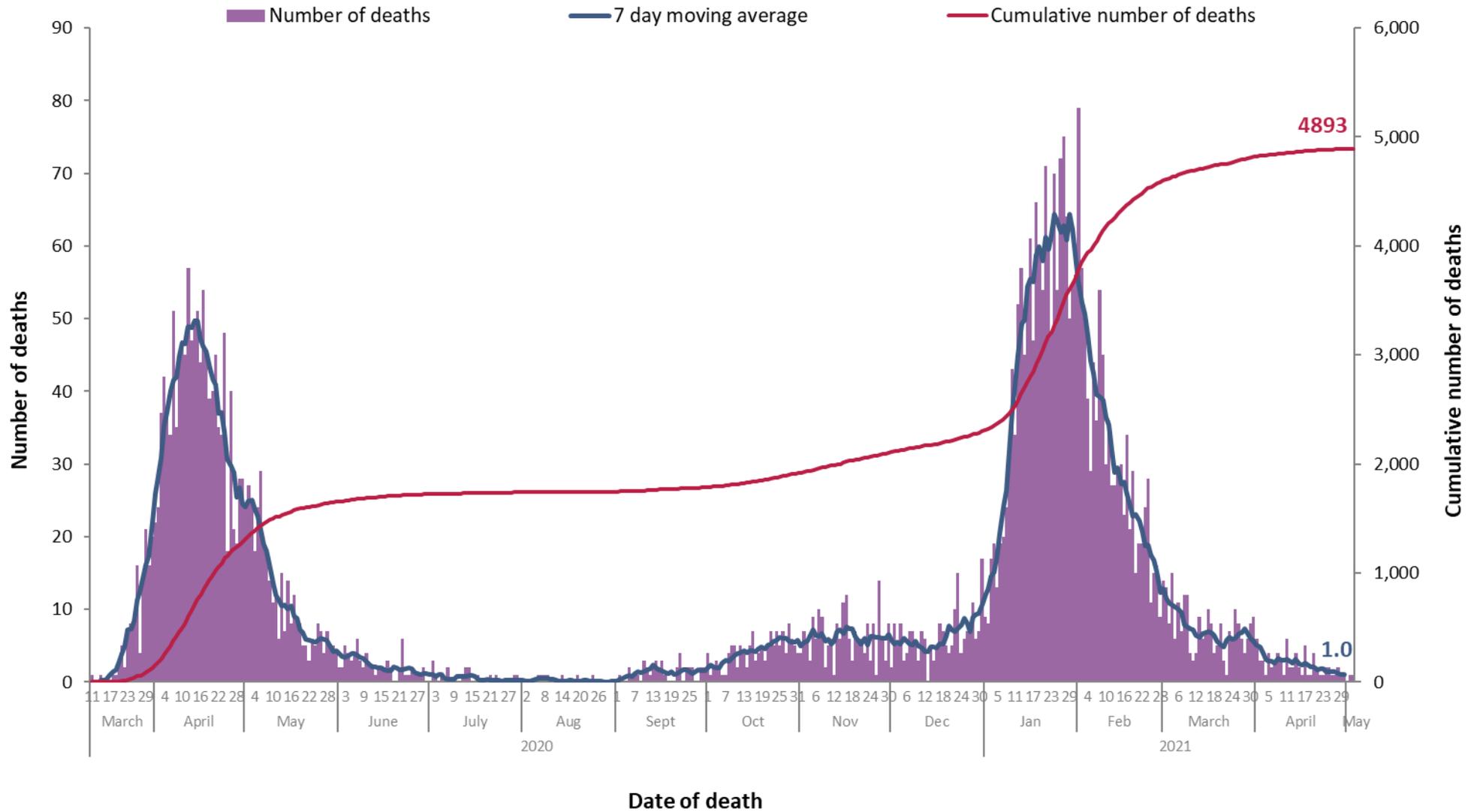


Figure 17a: Daily and 7-day moving average number of deaths among COVID-19 cases notified in Ireland by date of death and cumulative total between week 10, 2020 and week 17, 2021

* Date of death is not yet available for 15 cases

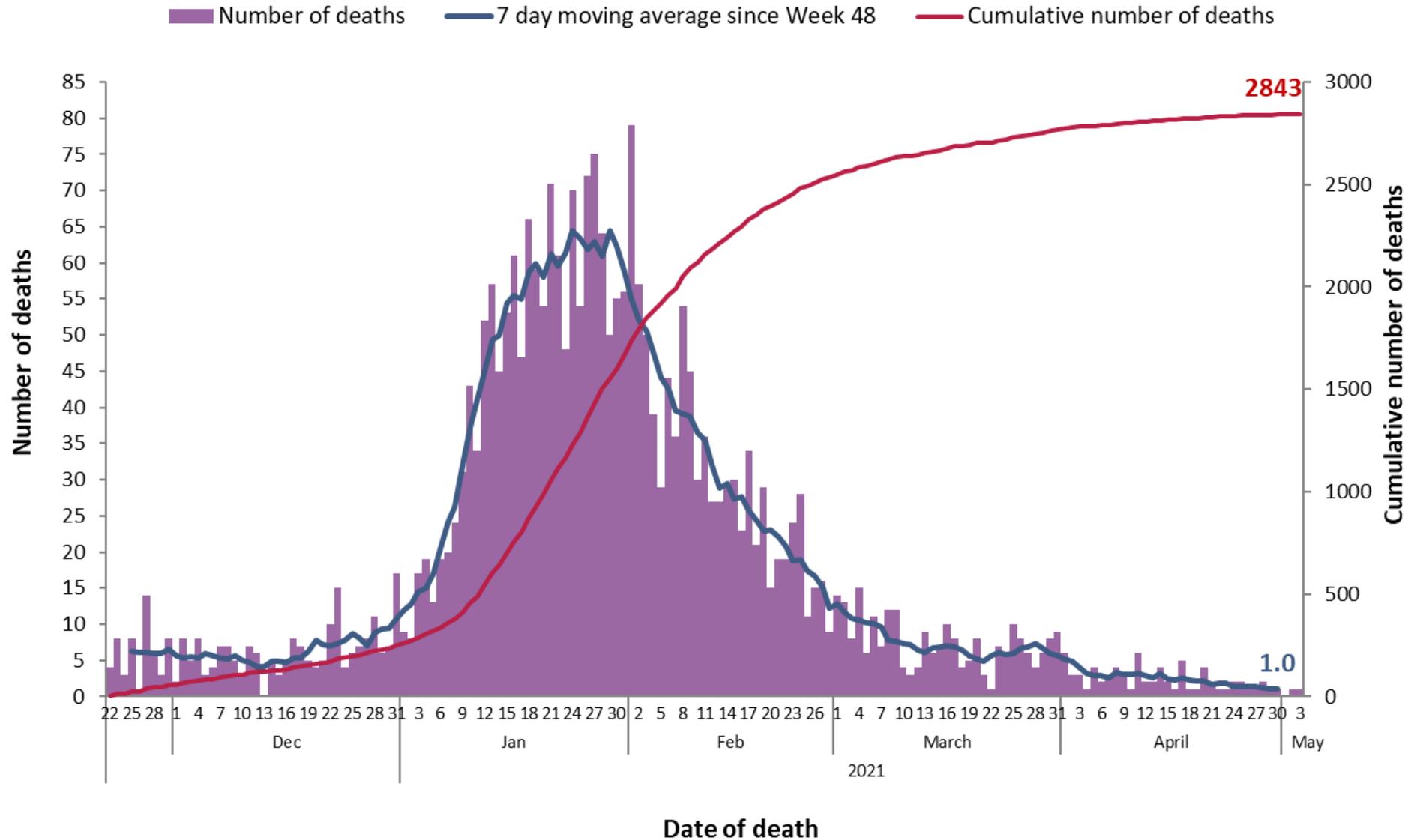


Figure 17b: Daily and 7-day moving average number of deaths among COVID-19 cases notified in Ireland by date of death and cumulative total, between week 48, 2020 and week 17, 2021

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.
- Slide 24 data provided by Deloitte Ireland LLP
- 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. Further information on epidemiological dates and weeks can be found on the [HPSC 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.