Weekly Report on the Epidemiology of COVID-19 in Ireland
Week 50

Health Protection Surveillance Centre

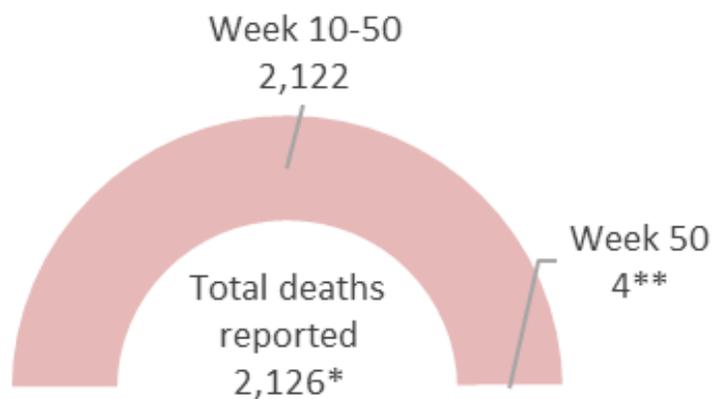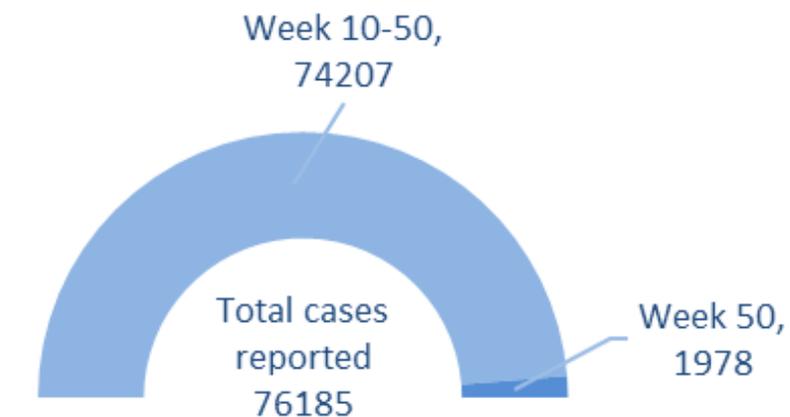COVID-19 Epidemiology Team, HPSC, 14/12/2020

Dates to note:
- **Week 50 (6th December to 12th December 2020)**
- **Week 32 (2nd to 8th August 2020)**
- **Week 10 (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 14/12/2020 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

Week 10-50,
74207

Total cases
reported
76185

Week 50,
1978

Week 10-50
2,122

Total deaths
reported
2,126*

Week 50
4**

Total deaths reported include deaths from all case classifications (confirmed, probable and possible cases)

**The number of deaths relate only to cases notified and died in week 50. It does not include cases notified prior to week 50 and died in week 50.*

	Total (week 10-week 50)		Week 50	
	Number	**Percent**	**Number**	**Percent**
Total number of confirmed cases	76,185		1,978	
Incidence rate of confirmed cases per 100,000 population	1599.9		41.5	
Number of cases hospitalised	5,435	7.13	97***	4.90
Number of cases admitted to ICU	641	0.84	6***	0.30
Number of deaths among confirmed cases	1,866	2.45	3	0.15
Case fatality ratio (CFR %)	2.45		0.15	
Incidence rate of confirmed deaths per 100,000 population	39.19		0.06	
Number of cases associated with clusters	42,293	55.51	439	22.19
Number of imported cases	685	0.90	13	0.66
Number of cases in healthcare workers	12,513	16.42	247	12.49
Males	35,915	47.14	933	47.17
Females	40,234	52.81	1042	52.68
M:F ratio	0.89		0.90	
Mean age (years)	41		37	
Median (years)	39		36	
Age range (years)	0 - 108		0 - 95	

****The number of cases hospitalised and admitted to ICU relate only to cases notified and admitted to hospital or ICU in week 50. It does not include cases notified prior to week 50 and admitted to hospital or ICU in week 50.*
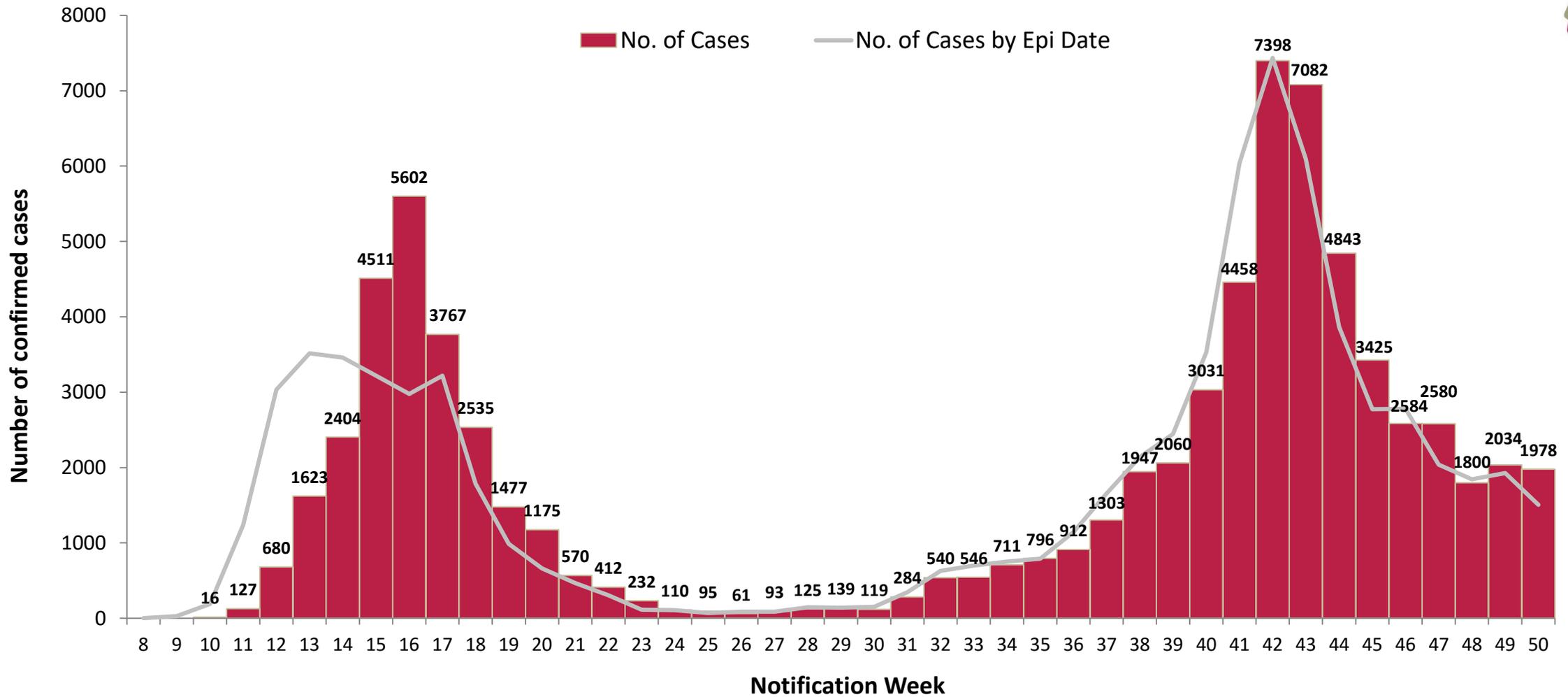
Figure 1: Number of confirmed COVID-19 cases by notification week and epidemiological week in Ireland between week 8 and week 50.

*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

Between week 15 and 16 (05/04/2020 – 19/04/2020) the daily number of COVID-19 events notified in Ireland is inflated due to batch reporting of cases with specimen dates between from 19/03/2020 – 01/04/2020 in addition to real-time reporting of cases with contemporaneous specimen dates
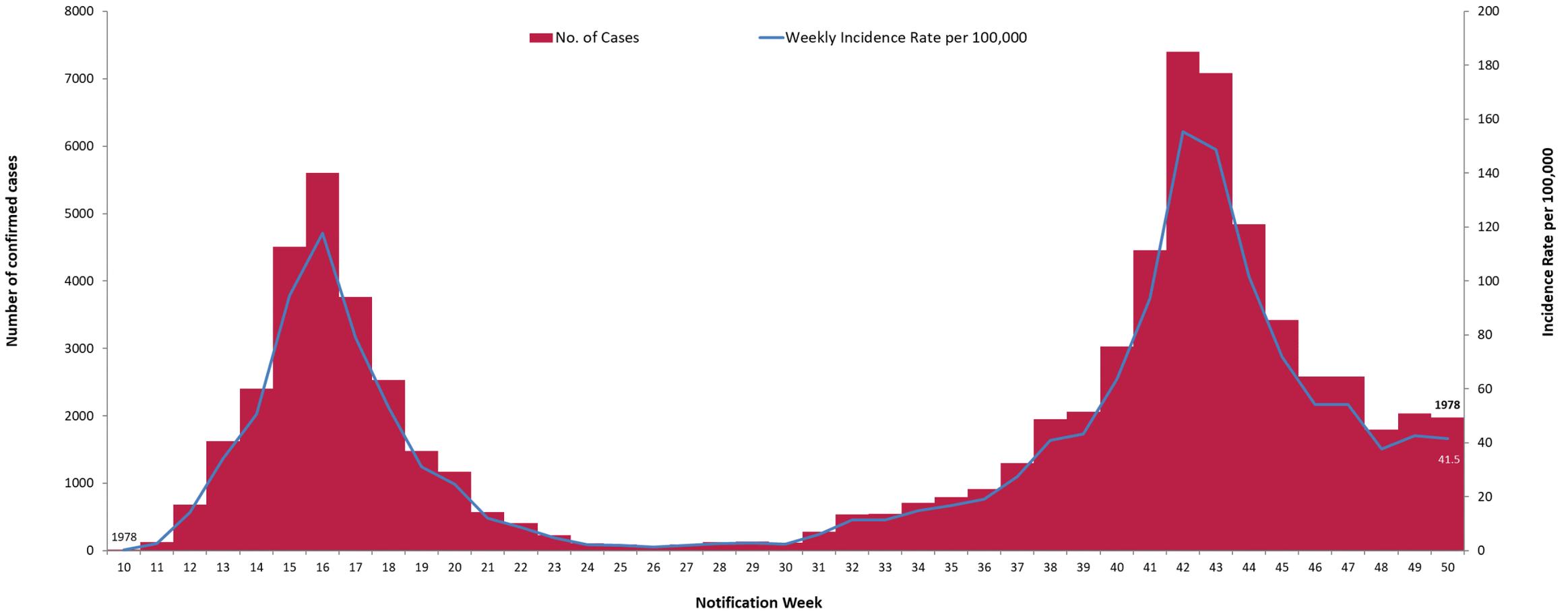
Figure 2: Number of confirmed COVID-19 cases by notification week and weekly incidence rate per 100,000 population in Ireland between week 10 and week 50.

population data were taken from Census 2016
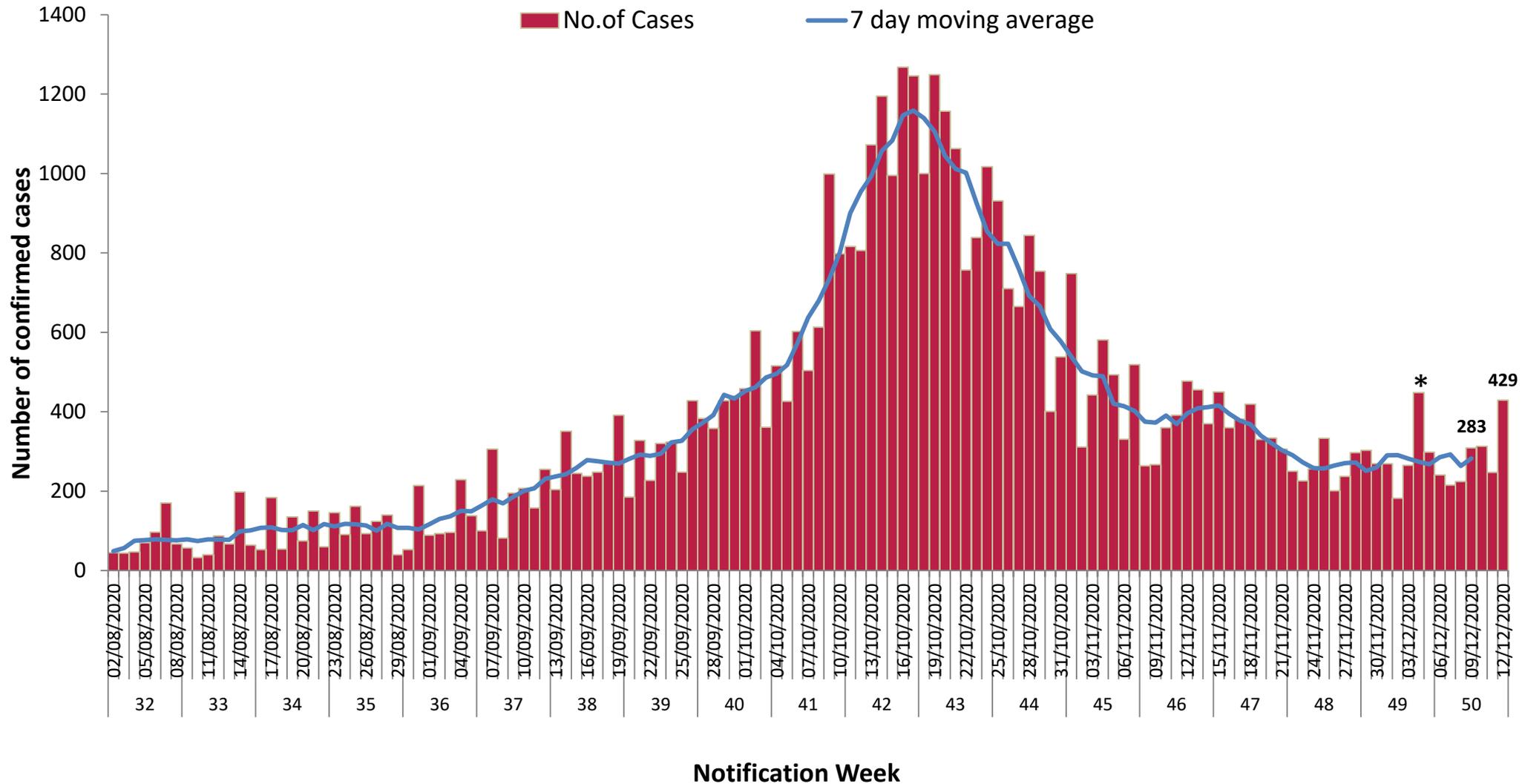
*on the 04/12/2020 the number of COVID-19 cases notified in Ireland is inflated due to the inclusion of cases notified earlier in week 49 which were batch reported following an IT issue on 02/12/2020

Figure 3: Number of confirmed COVID-19 cases , and 7-day moving average, by notification date in Ireland between week 32 and week 50.

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 and week 50.

*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.
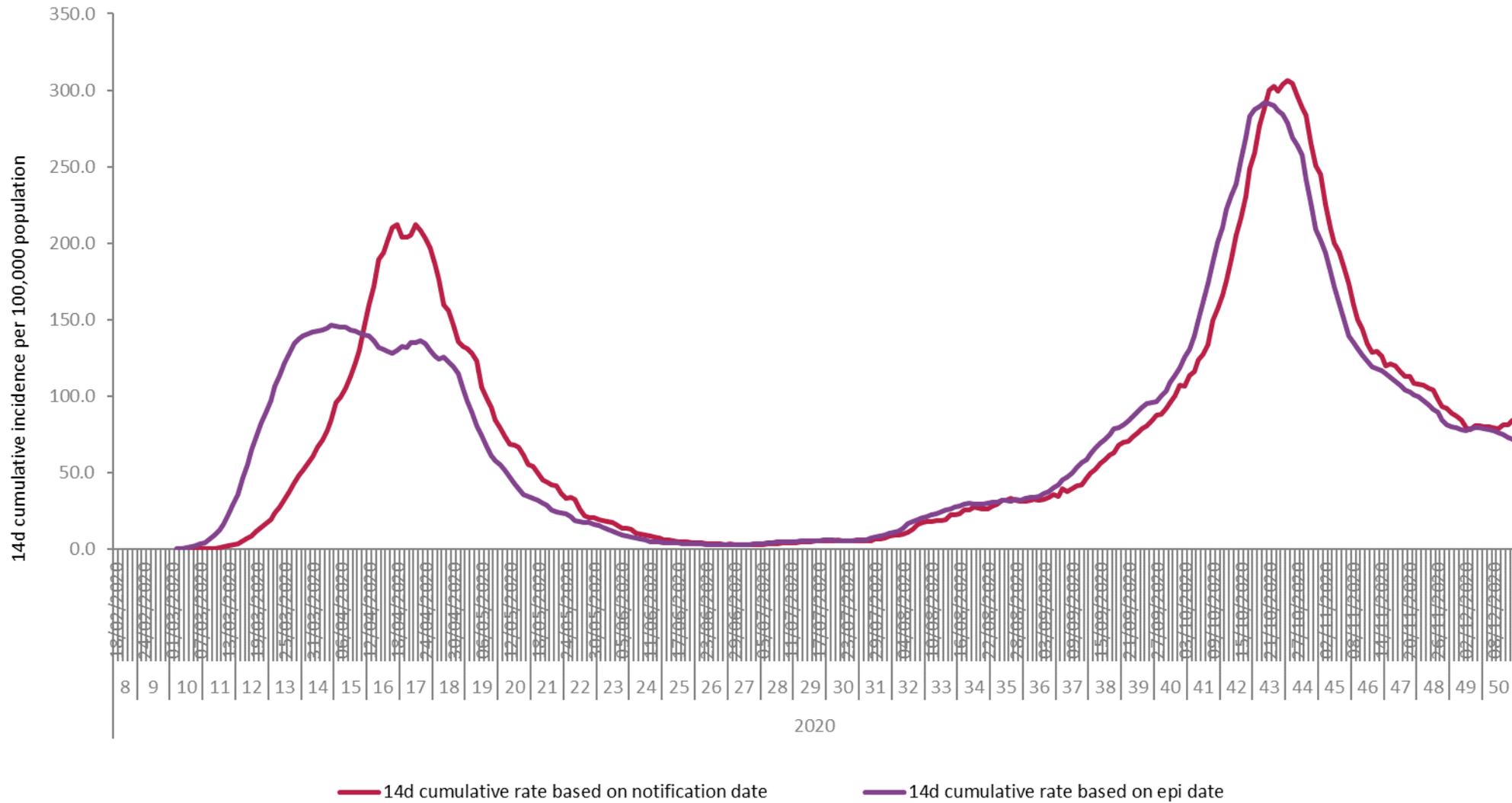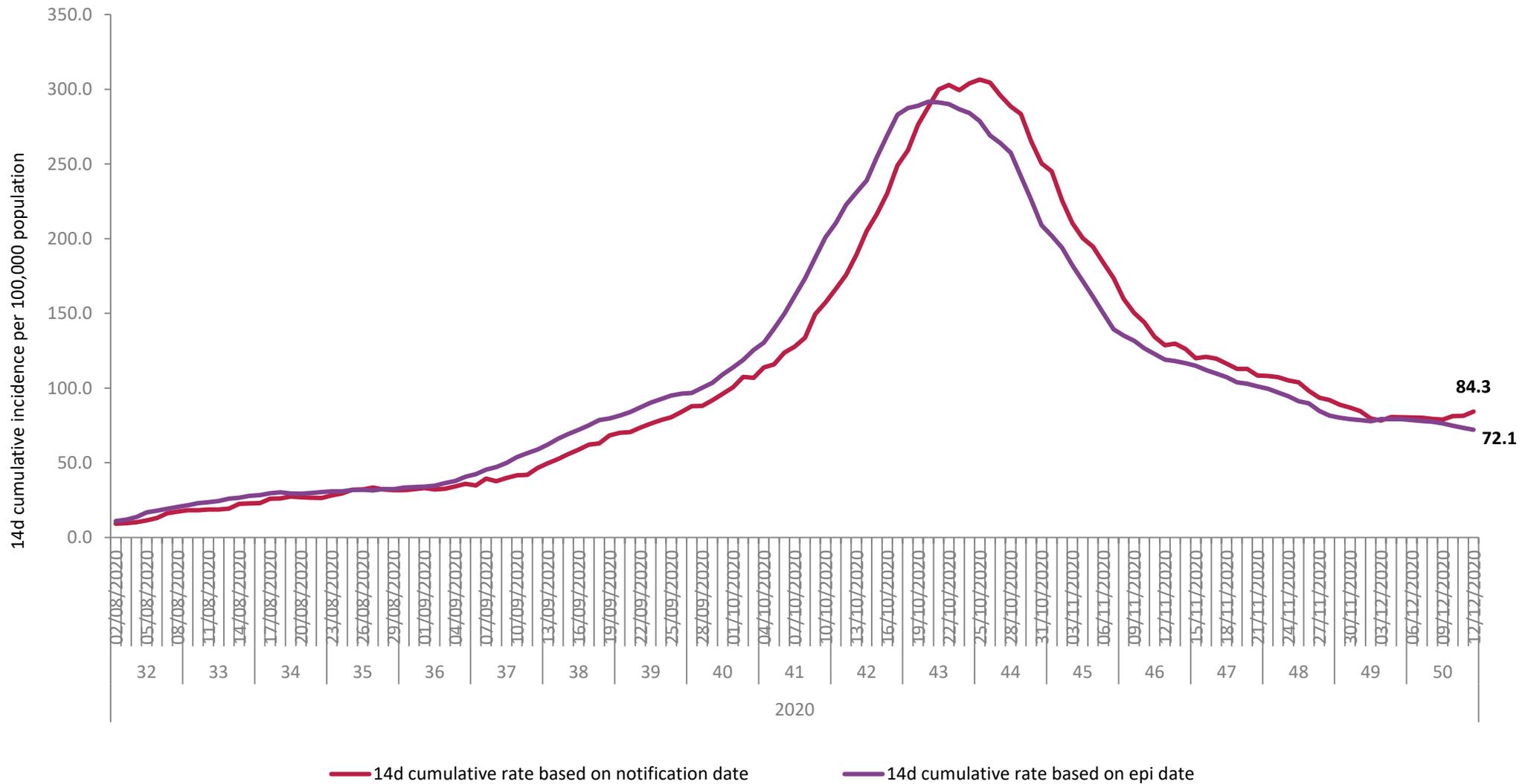
Figure 4b: Cumulative 14-day incidence rate of confirmed COVID-19 cases per 100,000 population notified in Ireland by notification and epidemiological date between week 32 and week 50.

Characteristic		Week 50	Percent
Total number of confirmed cases		1,978	100
Sex	Male:Female ratio	0.9	
	Male	933	47.2
	Female	1,042	52.7
	Unknown	3	0.2
Age	Mean age (years)	37	
	Median age (years)	36	
	Age range (years)	0 - 95	
	0-4 yrs	82	4.1
	5-12 yrs	200	10.1
	13-18 yrs	154	7.8
	19-24 yrs	185	9.4
	25-34 yrs	334	16.9
	35-44 yrs	314	15.9
	45-54 yrs	309	15.6
	55-64 yrs	191	9.7
	65-74 yrs	94	4.8
	75-84 yrs	68	3.4
	85+ yrs	47	2.4
	Unknown		
Underlying clinical conditions	Yes	582	29.4
	No	1,182	59.8
	Unknown	214	10.8
Symptomatic*	Yes	1,259	63.7
	No	456	23.1
	Unknown	263	13.3

Table 1: Characteristics of confirmed COVID-19 cases notified in Ireland during week 50

*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 and week 50.

(excluding 27 cases for whom age is unknown and 35 cases for whom sex is unknown and 1 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 32 and week 50.

(excluding 13 cases for whom age is unknown and 33 cases for whom sex is unknown)
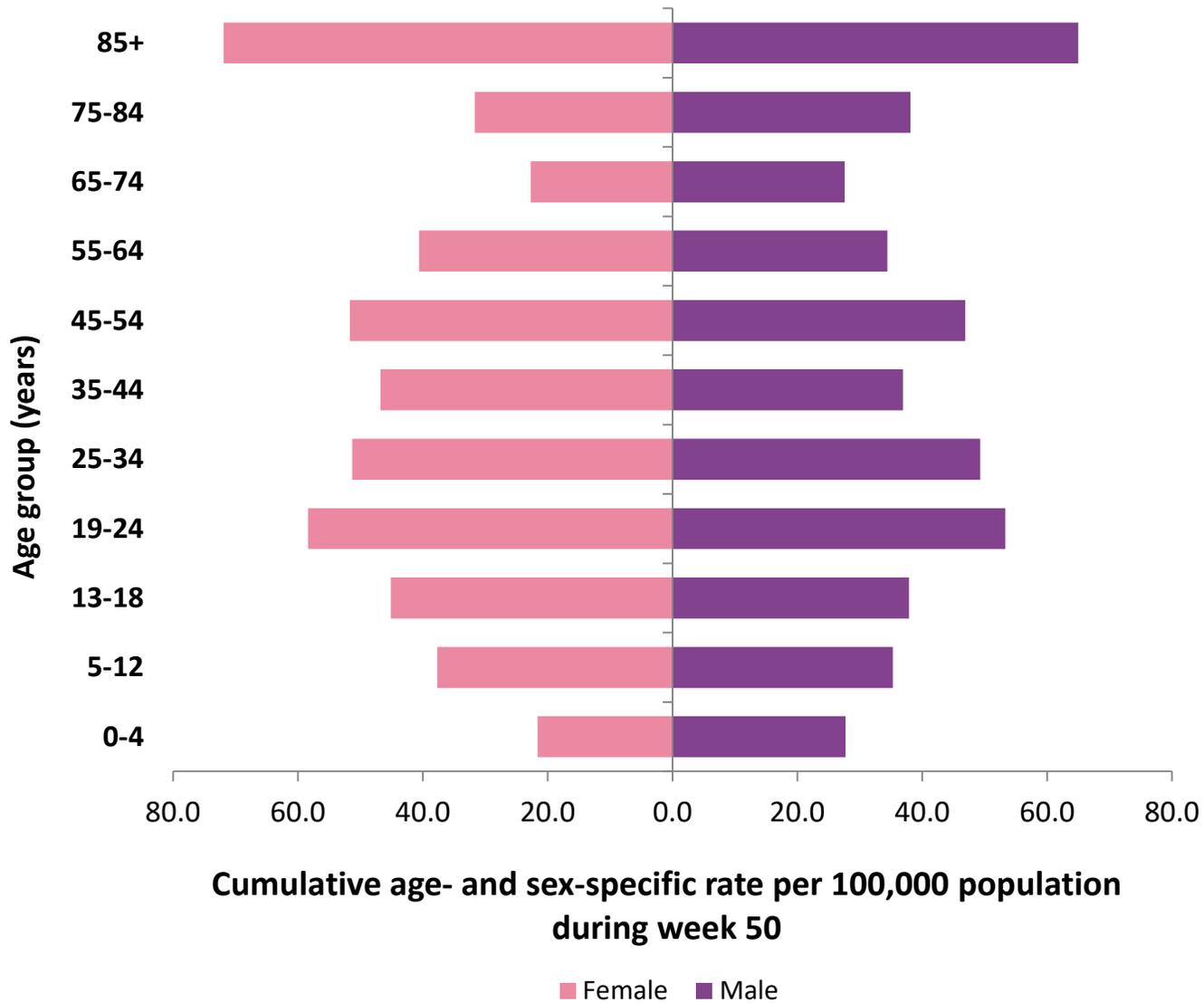
Figure 5c: Cumulative age- and sex-specific incidence rates of confirmed COVID-19 cases per 100,000 population notified in Ireland during week 50.

(excluding 3 cases for whom sex is unknown)
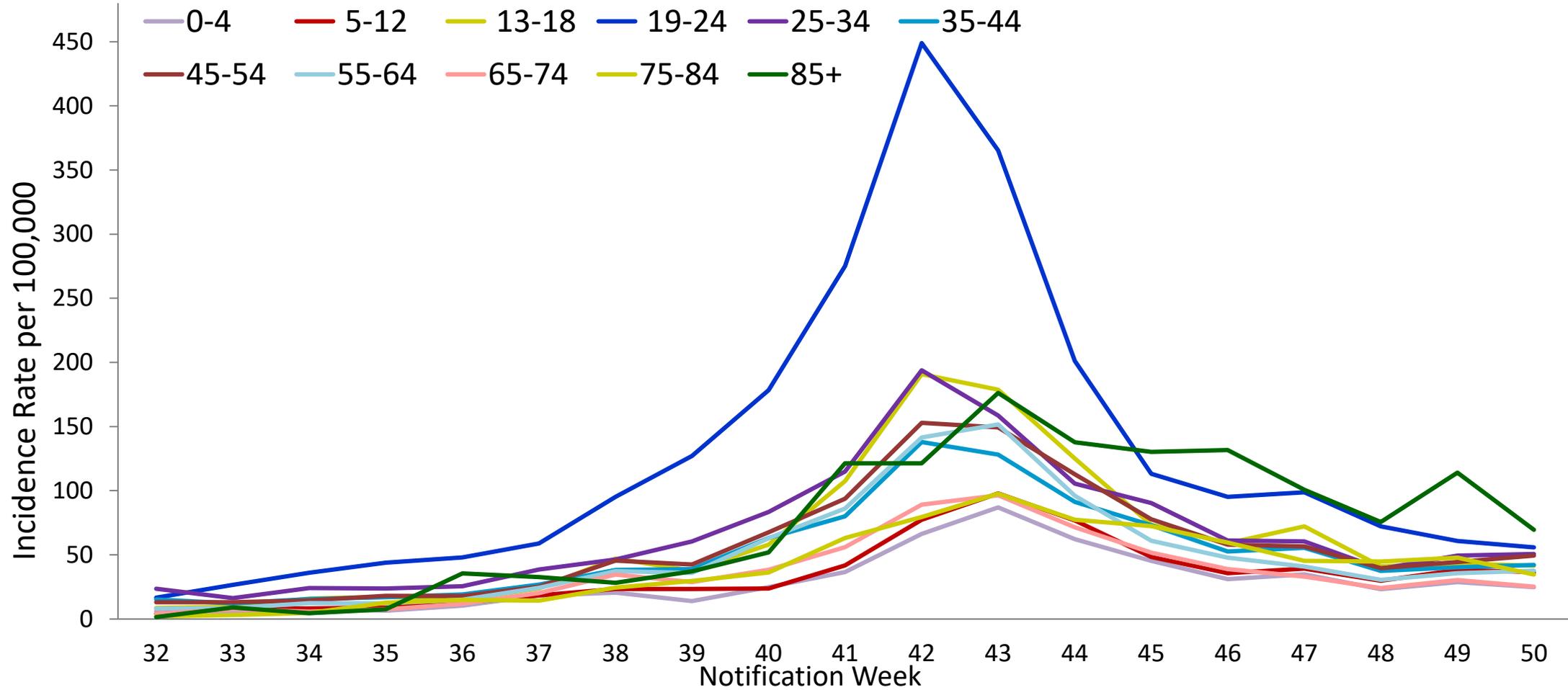
Figure 6a: Weekly age-specific incidence rates of confirmed COVID-19 cases per 100,000 population in Ireland between week 32 and week 50.

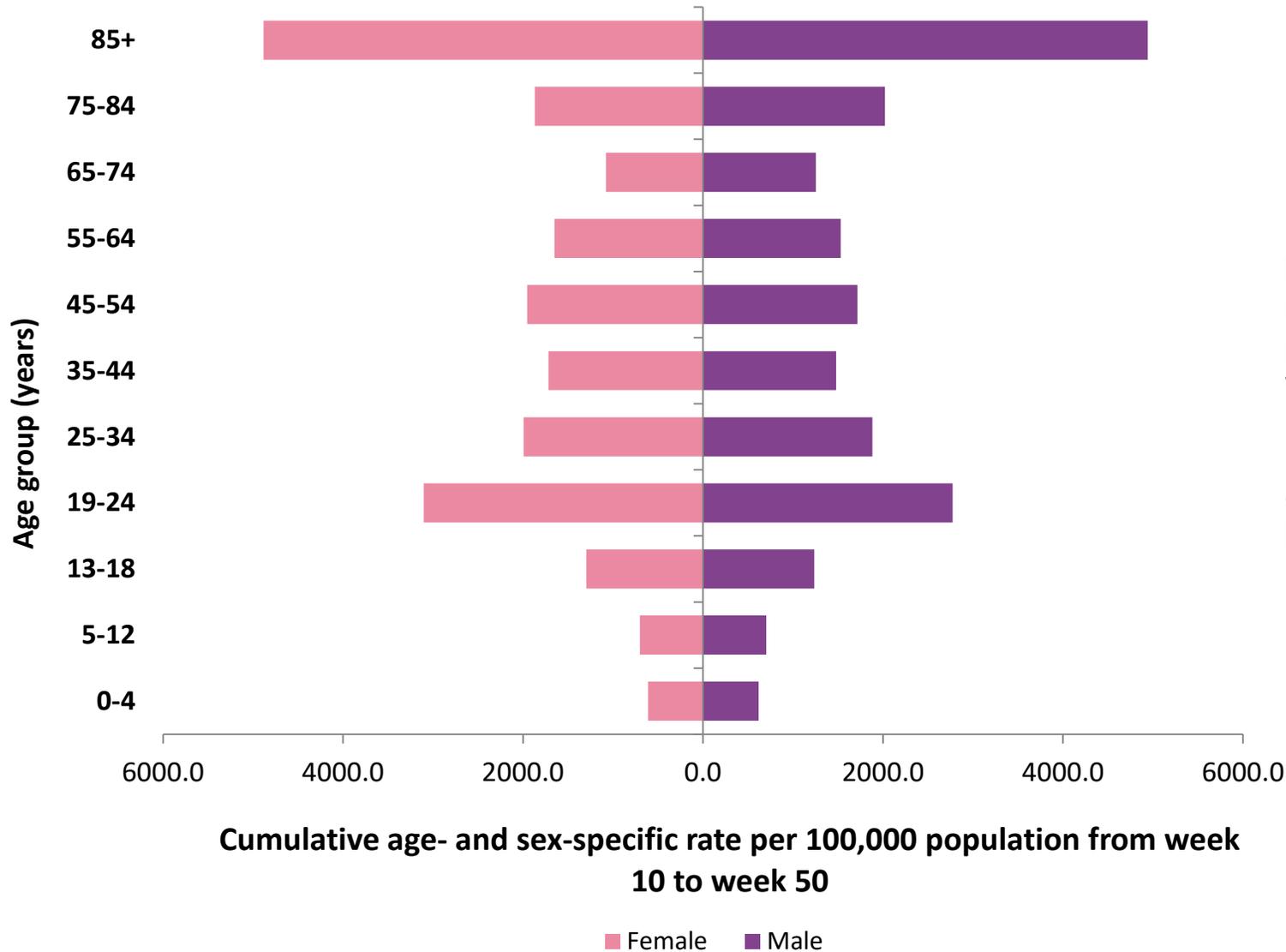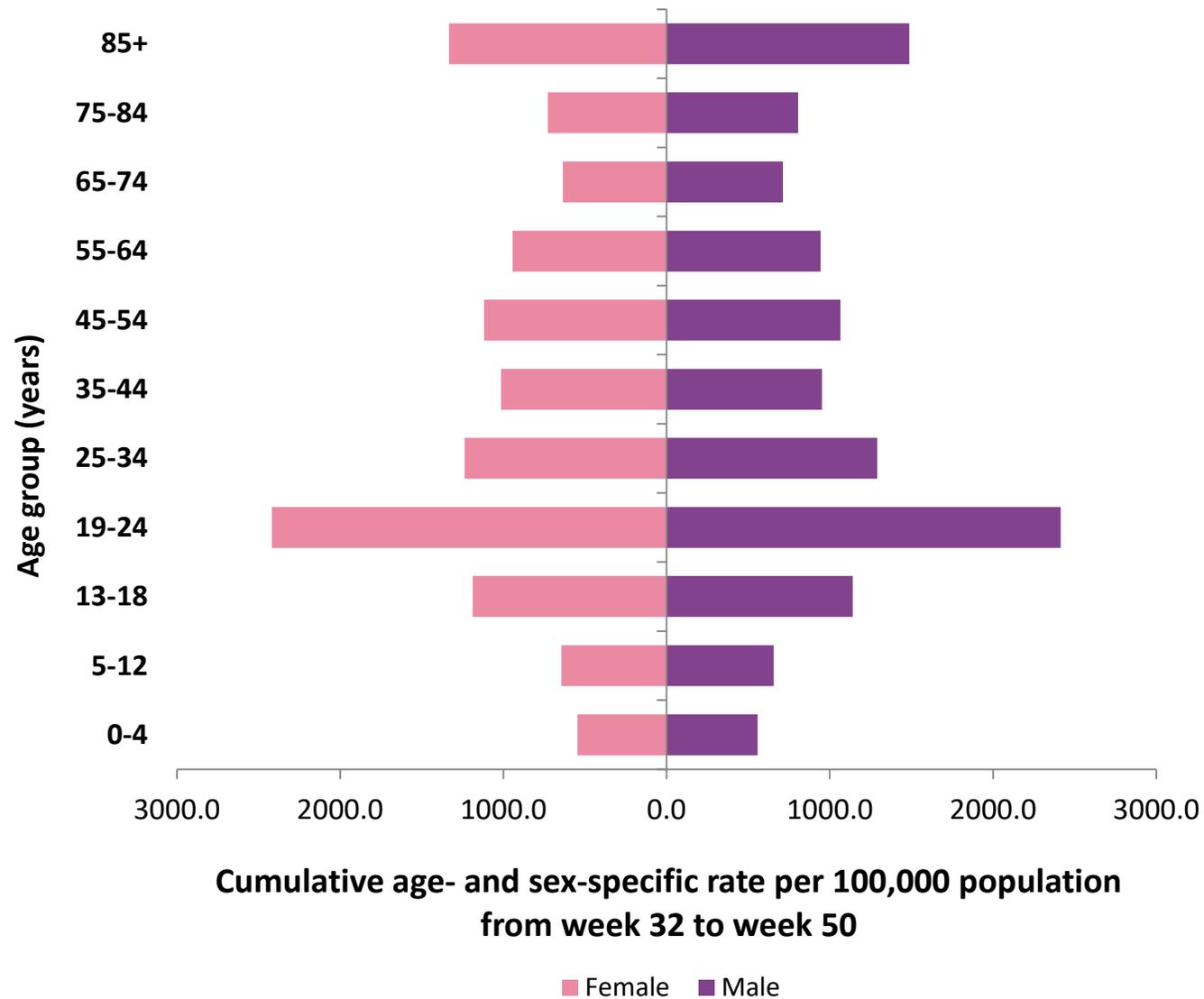**Figure 6b:** Weekly age-specific incidence rates of confirmed COVID-19 cases per 100,000 population in Ireland between week 32 and week 50.

Figure 6c: Weekly age-specific incidence rates of confirmed COVID-19 cases per 100,000 population in Ireland between week 32 and week 50.

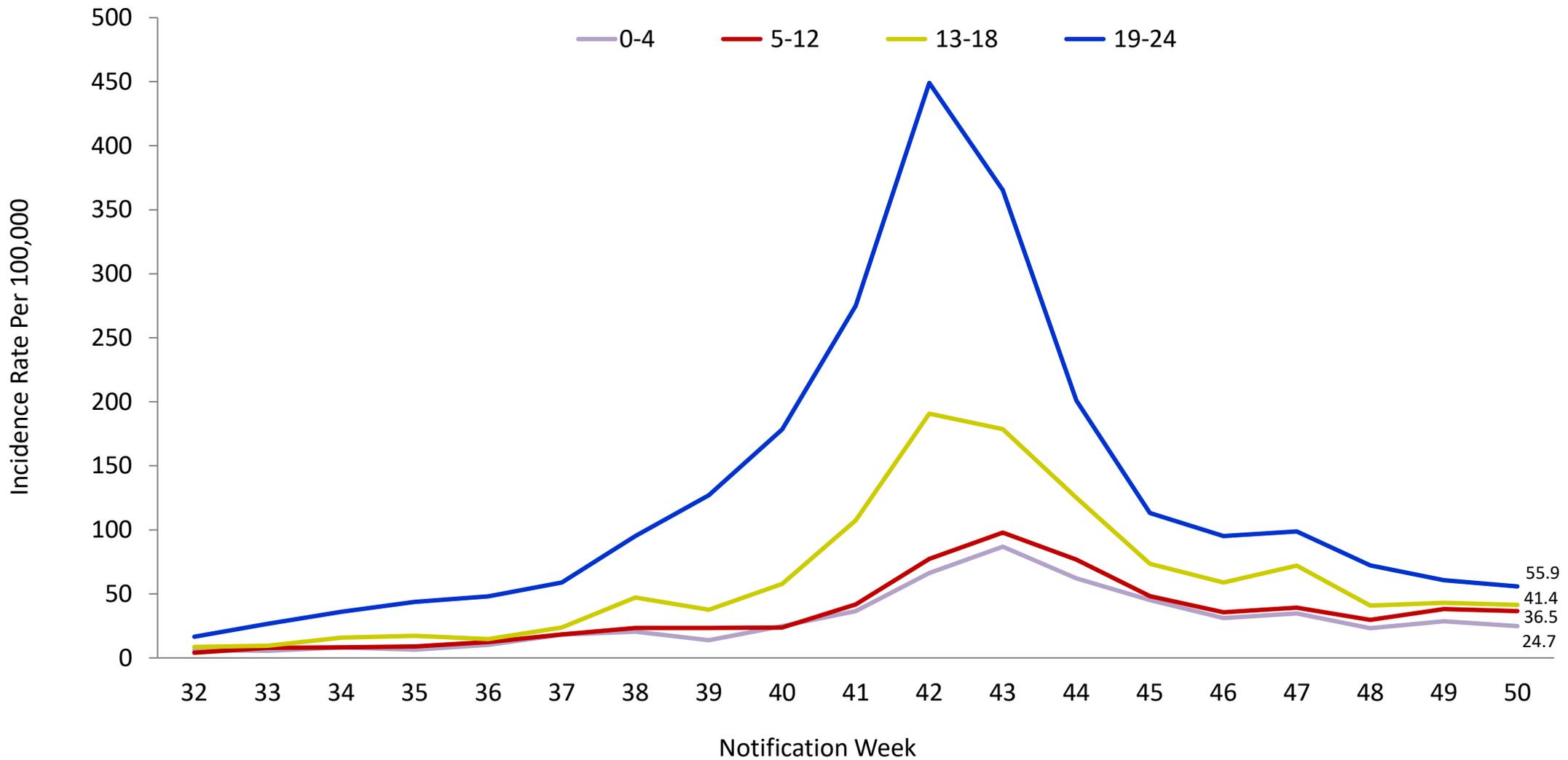|	Age Range											
Notification Week	0-4	5-12	13-18	19-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	National
32	6.0	4.0	8.6	16.6	23.5	15.1	13.1	8.1	4.0	2.0	1.5	11.3
33	5.4	7.8	9.4	26.6	16.2	12.1	13.1	8.4	7.5	3.1	8.9	11.5
34	8.1	8.2	15.9	35.9	24.1	15.5	14.4	12.4	5.6	4.6	4.4	14.9
35	6.3	8.9	17.2	43.8	23.7	16.9	18.0	12.2	7.5	12.7	7.4	16.7
36	10.3	12.4	14.8	48.0	25.5	19.0	17.9	14.9	11.8	14.8	35.5	19.2
37	18.1	18.4	23.7	58.9	38.5	26.8	25.1	24.2	20.1	14.2	32.6	27.4
38	20.5	23.3	47.1	95.1	46.3	38.2	45.5	37.3	34.5	24.4	28.1	40.9
39	13.9	23.3	37.7	127.1	60.4	38.8	42.3	35.8	28.6	29.5	37.0	43.3
40	24.7	23.7	57.9	178.4	83.4	63.1	67.6	62.9	38.3	36.1	51.8	63.7
41	36.5	41.7	107.4	275.1	115.0	80.1	93.8	86.1	56.0	63.1	121.4	93.6
42	66.4	77.3	190.8	449.0	193.8	137.9	152.9	141.5	89.2	79.4	121.4	155.4
43	86.9	97.9	178.7	365.3	158.6	128.1	149.4	151.7	96.4	97.7	176.2	148.7
44	62.1	76.7	125.1	201.1	105.5	91.3	112.8	96.1	71.5	77.4	137.7	101.7
45	45.2	48.3	73.5	113.2	90.4	73.0	77.6	60.9	51.7	72.3	130.3	71.9
46	31.1	35.7	58.9	95.1	61.1	52.5	57.8	47.7	38.8	59.5	131.7	54.3
47	34.7	39.2	72.1	98.7	60.4	55.4	56.5	40.9	32.9	45.3	100.7	54.2
48	23.2	29.7	40.9	72.2	39.0	37.4	39.6	30.5	24.1	44.8	75.5	37.8
49	28.7	38.1	43.1	60.7	49.3	40.3	44.4	35.6	30.3	47.8	114.0	42.7
50	24.7	36.5	41.4	55.9	50.7	42.0	49.4	37.5	25.2	34.6	69.6	41.5

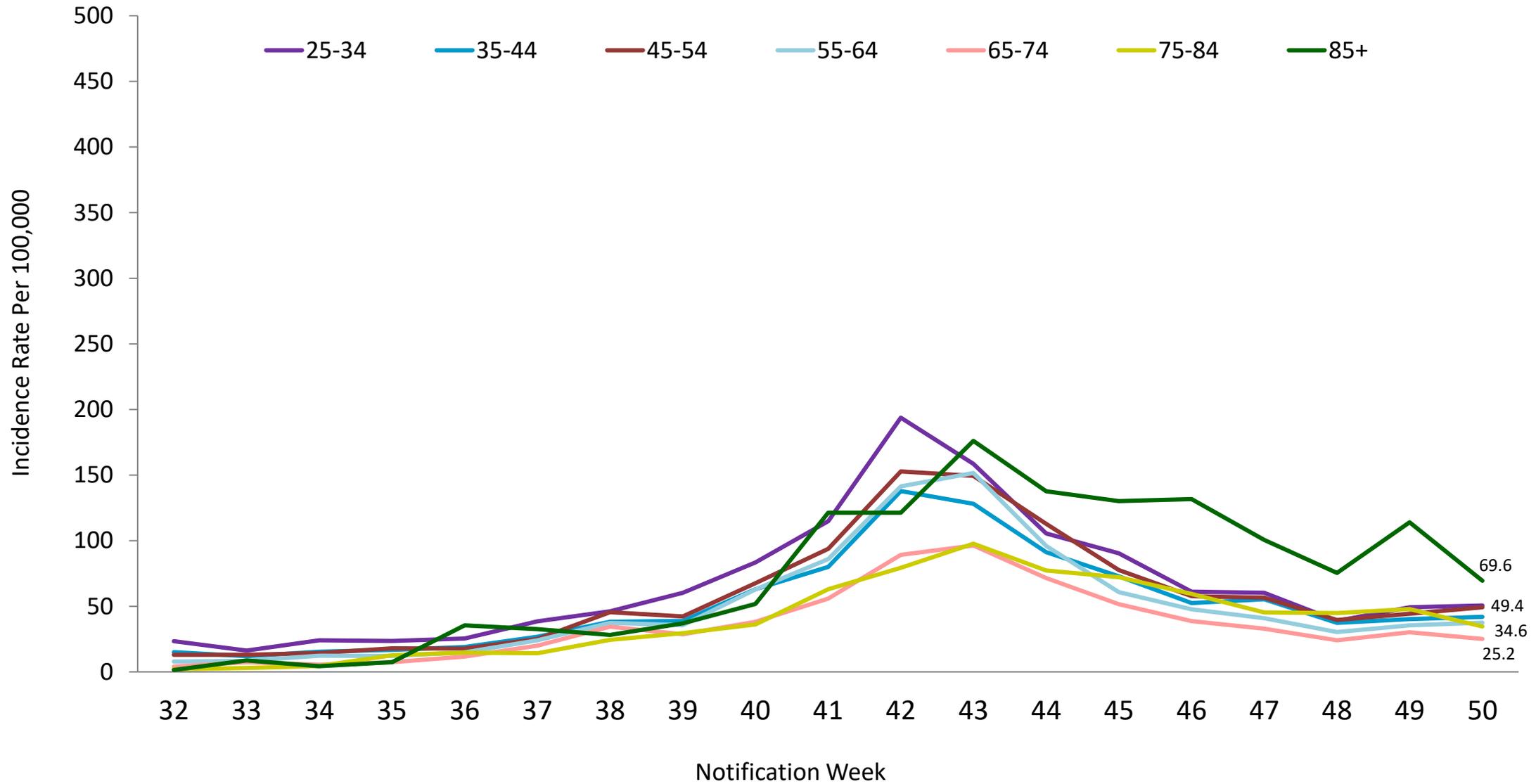**Figure 7:** Heat map of weekly age-specific incidence rates of confirmed COVID-19 cases per 100,000 population in Ireland between week 32 and week 50.

County	Cases		M:F ratio	Median age (years)	Incidence Rate per 100,000
	N	%			
Kilkenny	111	5.6	1.0	42	111.9
Donegal	171	8.6	0.7	37	107.4
Longford	40	2.0	0.7	30.5	97.9
Louth	120	6.1	0.9	37.5	93.1
Carlow	48	2.4	0.5	44.5	84.3
Laois	58	2.9	0.7	28.5	68.5
Cavan	52	2.6	0.9	24.5	68.3
Mayo	83	4.2	1.4	32	63.6
Limerick	100	5.1	1.1	33.5	51.3
Waterford	58	2.9	1.1	39.5	49.9
Dublin	581	29.4	0.8	36	43.1
Monaghan	24	1.2	0.7	30	39.1
Tipperary	61	3.1	1.7	41	38.2
Wicklow	51	2.6	0.5	30	35.8
Meath	68	3.4	0.9	33	34.9
Sligo	22	1.1	0.7	30	33.6
Offaly	24	1.2	0.7	42.5	30.8
Kildare	65	3.3	1.0	40	29.2
Galway	75	3.8	1.1	28	29.1
Wexford	37	1.9	0.4	47	24.7
Roscommon	13	0.7	0.9	45	20.1
Westmeath	16	0.8	1.0	30	18.0
Cork	69	3.5	1.5	30	12.7
Clare	15	0.8	1.1	36	12.6
Leitrim	<5	0.2	0.3	55	12.5
Kerry	12	0.6	1.4	26.5	8.1

Table 2: Characteristics of confirmed COVID-19 cases by county notified in Ireland, during week 50.

Notification Week	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
32	10.5	6.6	10.1	2.6	10.1	4.8	0.8	0.7	107.4	2.0	39.0	3.1	5.1	0.0	3.9	0.8	7.7	1.6	103.9	1.5	6.1	1.3	0.0	1.1	13.4	2.8	11.3
33	35.1	0.0	23.6	2.4	7.5	9.8	2.7	2.0	76.9	12.1	20.1	0.0	18.5	2.4	5.4	0.8	9.7	9.8	32.1	3.1	4.6	11.3	1.7	0.0	2.0	5.6	11.5
34	33.4	1.3	10.1	3.5	5.0	19.1	0.8	2.0	71.5	21.2	16.5	0.0	21.0	7.3	7.0	1.5	7.7	4.9	11.5	6.2	0.0	44.5	11.2	2.3	12.0	4.2	14.9
35	36.9	11.8	16.8	4.4	15.7	26.3	2.3	2.7	31.9	6.0	16.5	0.0	22.1	9.8	7.0	0.8	10.8	29.3	20.5	13.9	1.5	38.9	6.9	5.6	19.4	10.5	16.7
36	12.3	10.5	13.5	4.2	6.3	33.5	7.4	8.1	34.6	17.1	15.3	15.6	38.0	19.6	11.6	3.1	10.8	13.0	25.7	4.6	1.5	20.7	18.9	7.9	10.0	15.4	19.2
37	7.0	5.3	18.5	3.9	20.1	55.1	10.9	6.1	23.4	12.1	22.4	49.9	27.2	36.7	41.1	7.7	13.3	13.0	30.8	13.9	1.5	5.6	35.3	28.2	17.4	28.8	27.4
38	29.9	17.1	21.0	18.6	63.4	80.0	17.4	12.9	36.4	11.1	21.3	15.6	20.0	9.8	61.3	17.6	20.5	26.1	33.4	20.1	15.3	11.3	51.6	21.4	17.4	42.1	40.9
39	12.3	30.2	26.9	43.5	121.2	71.9	36.8	10.2	40.0	16.1	10.6	12.5	12.8	29.4	43.4	11.5	26.7	66.8	23.1	55.8	10.7	9.4	15.5	29.3	8.7	26.7	43.3
40	31.6	59.1	73.2	61.0	143.2	89.4	51.9	34.5	54.8	29.2	64.9	18.7	52.3	102.8	32.6	19.9	40.0	110.8	51.3	105.4	44.3	32.0	18.9	36.0	32.1	50.6	63.7
41	28.1	279.6	186.0	96.5	201.6	83.1	100.0	74.5	86.7	43.3	68.5	81.1	106.7	105.2	76.0	52.1	134.3	205.3	82.1	79.0	114.4	37.0	44.8	87.9	79.5	36.5	93.6
42	123.0	530.4	133.8	177.8	142.0	139.2	172.1	140.1	158.2	100.8	106.3	149.8	143.2	124.8	111.7	98.8	328.1	166.2	102.6	142.5	175.5	72.1	84.4	226.4	192.4	87.1	155.4
43	158.1	438.5	126.2	166.9	178.4	114.4	200.0	150.3	147.4	72.6	131.1	99.9	148.8	141.9	172.2	147.1	313.8	203.6	88.5	131.7	253.3	61.4	118.8	196.0	118.9	62.5	148.7
44	101.9	156.2	101.8	137.0	142.6	102.1	97.7	68.4	92.1	55.4	81.5	15.6	116.5	100.3	119.5	95.0	147.1	71.7	61.6	74.4	103.8	67.7	86.1	110.4	52.8	59.7	101.7
45	61.5	47.3	58.9	60.6	152.6	80.1	47.7	92.8	48.5	84.7	93.3	25.0	100.1	53.8	55.9	78.2	94.3	70.0	51.3	82.1	79.3	53.3	62.0	85.6	30.1	37.2	71.9
46	31.6	55.1	36.2	29.8	122.5	58.2	38.4	34.5	42.2	45.3	42.5	53.1	99.0	53.8	95.4	36.8	52.8	55.4	84.7	83.7	33.6	48.3	92.1	84.5	19.4	31.6	54.3
47	45.7	42.0	53.9	48.8	108.0	59.9	25.2	25.7	41.8	51.4	21.3	18.7	105.2	41.6	111.0	43.7	73.8	52.1	35.9	86.8	39.7	42.6	59.4	31.5	18.0	30.2	54.2
48	31.6	19.7	14.3	24.5	111.8	43.7	20.2	21.0	21.1	83.6	29.5	3.1	60.5	44.0	75.3	36.8	24.1	31.0	21.8	23.2	21.4	44.5	42.2	13.5	7.3	52.7	37.8
49	75.5	40.7	19.4	13.4	112.4	50.9	31.0	12.2	27.4	86.7	26.0	12.5	80.6	46.5	83.0	43.7	25.6	97.7	37.2	24.8	15.3	45.8	22.4	10.1	12.0	68.1	42.7
50	84.3	68.3	12.6	12.7	107.4	43.1	29.1	8.1	29.2	111.9	68.5	12.5	51.3	97.9	93.1	63.6	34.9	39.1	30.8	20.1	33.6	38.2	49.9	18.0	24.7	35.8	41.5

Figure 8: Heat map of weekly incidence rates of confirmed COVID-19 cases per 100,000 population, by county, notified in Ireland between week 32 and week 50.

Notification Week	HSE-E	HSE-M	HSE-MW	HSE-NE	HSE-NW	HSE-SE	HSE-S	HSE-W	National
32	17.9	39.3	6.0	5.6	8.1	5.7	2.2	0.9	11.3
33	18.2	14.7	17.4	7.0	5.8	10.2	2.3	2.2	11.5
34	24.6	10.3	16.4	6.1	3.1	25.5	3.2	1.8	14.9
35	25.8	16.4	17.4	12.4	10.1	22.1	4.1	3.5	16.7
36	32.2	16.4	25.2	11.3	6.2	17.0	5.1	5.7	19.2
37	48.8	28.4	20.3	19.8	19.0	17.4	4.3	10.4	27.4
38	71.2	23.3	18.7	32.2	45.0	24.1	17.4	17.9	40.9
39	64.0	22.2	16.1	37.4	79.1	12.5	36.3	32.2	43.3
40	81.7	58.2	53.2	50.6	102.0	29.6	55.3	50.3	63.7
41	79.7	83.8	116.6	151.9	163.6	52.3	91.8	83.2	93.6
42	137.3	145.1	127.5	280.2	150.8	120.7	169.7	146.8	155.4
43	114.3	146.1	129.9	280.9	186.9	98.2	163.3	175.0	148.7
44	97.3	91.0	110.4	131.2	116.3	61.3	122.4	93.6	101.7
45	72.4	74.6	81.8	72.8	117.5	52.9	67.5	61.4	71.9
46	53.9	68.8	66.0	65.6	90.7	50.2	30.8	44.4	54.3
47	55.1	31.1	76.6	76.3	79.1	42.1	43.9	39.3	54.2
48	41.5	24.6	40.5	38.7	74.8	41.3	23.7	25.4	37.8
49	49.3	27.4	51.2	53.9	74.8	44.7	13.2	33.8	42.7
50	40.7	47.2	36.6	57.4	76.4	56.6	11.7	37.7	41.5

Figure 9: Weekly Incidence rates of confirmed COVID-19 cases per 100,000 population, by HSE area, notified in Ireland between week 32 and week 50.

Notification Week	CHO1	CHO2	CHO3	CHO4	CHO5	CHO6	CHO7	CHO8	CHO9
32	6.9	0.9	6.0	2.2	5.7	3.7	37.0	21.8	5.0
33	5.4	2.2	17.4	2.3	10.2	5.7	29.0	11.1	13.5
34	3.1	1.8	16.4	3.2	25.5	9.1	36.9	8.7	20.3
35	13.5	3.5	17.4	4.1	22.1	18.8	31.4	12.6	23.7
36	8.2	5.7	25.2	5.1	17.0	27.1	35.7	13.6	31.2
37	15.6	10.4	20.3	4.3	17.4	37.6	40.0	26.2	65.8
38	37.1	17.9	18.7	17.4	24.1	55.6	65.7	30.2	87.1
39	68.5	32.2	16.1	36.3	12.5	52.5	56.8	27.9	79.3
40	96.1	50.3	53.2	55.3	29.6	74.9	72.9	46.8	95.9
41	194.5	83.2	116.6	91.8	52.3	56.6	80.3	97.7	93.3
42	228.7	146.8	127.5	169.7	120.7	91.3	144.3	195.1	157.7
43	240.2	175.0	129.9	163.3	98.2	80.6	114.9	203.8	134.5
44	118.3	93.6	110.4	122.4	61.3	67.9	94.5	114.2	118.6
45	97.6	61.4	81.8	67.5	52.9	49.1	63.3	76.5	97.2
46	79.0	44.4	66.0	30.8	50.2	51.2	54.7	69.1	54.7
47	68.5	39.3	76.6	43.9	42.1	45.9	51.3	61.0	65.0
48	58.0	25.4	40.5	23.7	41.3	55.3	31.8	34.9	44.1
49	72.6	33.8	51.2	13.2	44.7	66.3	34.2	38.3	56.0
50	69.8	37.7	36.6	11.7	56.6	47.8	31.2	52.6	47.2

Figure 10: Weekly Incidence rates of confirmed COVID-19 cases by CHO notified in Ireland between week 32 and week 50.

Notification Week	CCA1 Dublin South	CCA2 Dublin South East	CCA3 Dublin South City	CCA4 Dublin South West	CCA5 Dublin West	CCA6 Dublin North West	CCA7 Dublin North Central	CCA8 Dublin North
32	5.9	2.4	4.7	6.2	3.2	4.8	5.8	4.6
33	4.4	6.5	5.3	10.6	5.8	13.5	12.3	14.3
34	7.3	15.4	11.3	17.4	36.7	23.1	34.3	9.6
35	25.0	20.2	32.7	29.8	33.5	32.8	22.6	17.0
36	16.9	48.5	32.7	38.5	41.2	29.9	31.7	32.0
37	22.8	58.2	49.4	47.9	51.5	85.3	60.2	53.6
38	35.3	84.9	70.0	92.6	83.7	117.5	83.5	64.8
39	33.1	97.0	57.4	72.1	70.2	82.4	95.1	67.5
40	54.4	116.4	67.4	90.1	93.3	111.3	119.7	69.5
41	33.8	98.6	60.7	65.3	113.3	106.5	113.2	71.0
42	57.3	122.9	92.7	118.7	215.7	222.1	150.7	110.4
43	50.0	125.3	73.4	95.7	140.3	168.1	142.3	103.0
44	48.5	92.2	62.0	105.7	126.2	137.8	107.4	110.0
45	25.7	80.8	48.7	74.0	95.3	117.0	95.1	82.6
46	38.9	82.5	57.4	47.9	81.1	73.2	60.8	36.3
47	32.3	72.8	36.0	67.7	68.2	72.3	100.3	38.2
48	38.2	69.5	34.0	44.1	35.4	43.8	64.0	32.4
49	41.9	81.6	32.7	38.5	44.4	60.2	69.2	44.8
50	28.7	76.0	31.3	27.3	41.2	36.1	64.0	45.9

Figure 11: Weekly Incidence rates of confirmed COVID-19 cases by Dublin Local Health Offices (LHOs) notified in Ireland between week 32 and week 50.

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.
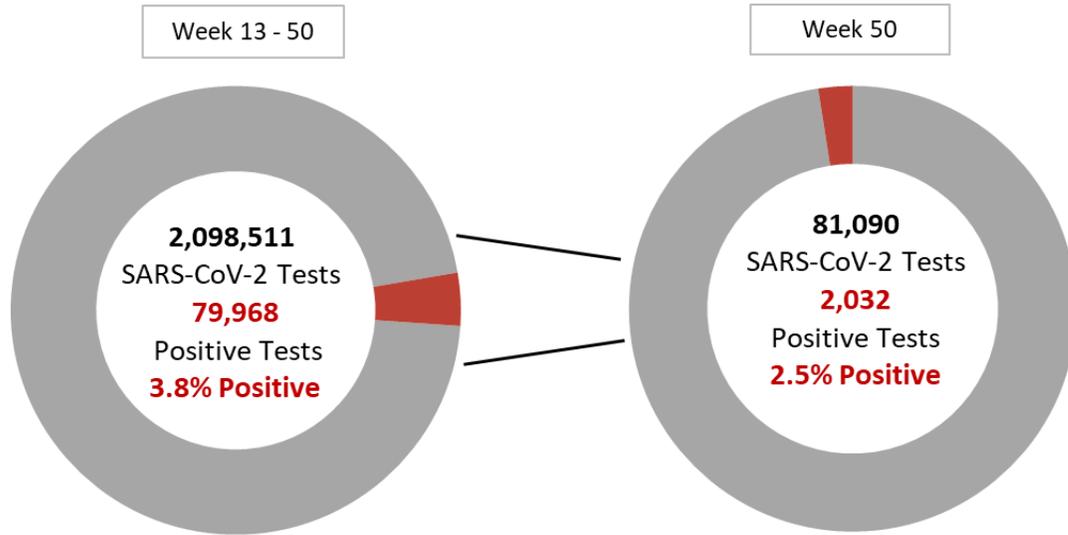
Laboratory data for COVID-19 cases

Figure 12a: Number of SARS-CoV-2 tests and positive tests* in Ireland between week 13 and week 50.
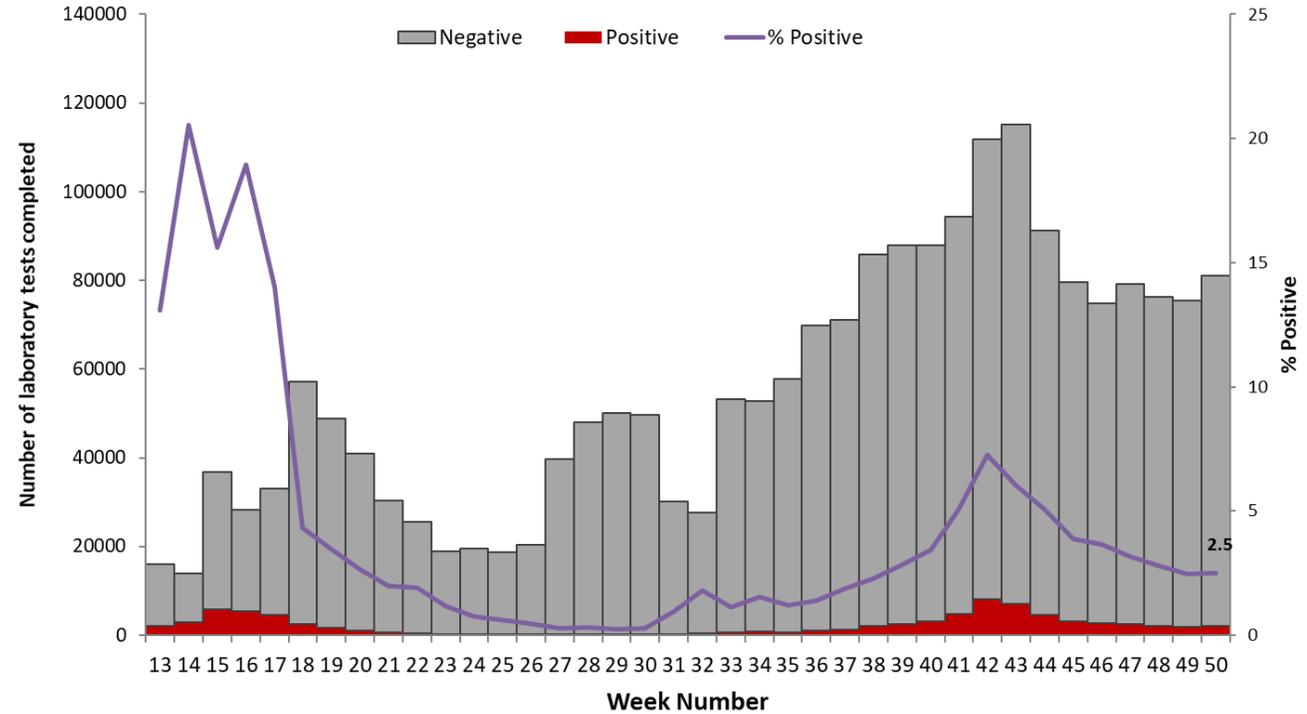
Figure 12b: Number of SARS-CoV-2 negative and positive tests* completed in Ireland between week 13 and week 50.

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

Hospitalisations and ICU admissions among COVID-19 cases

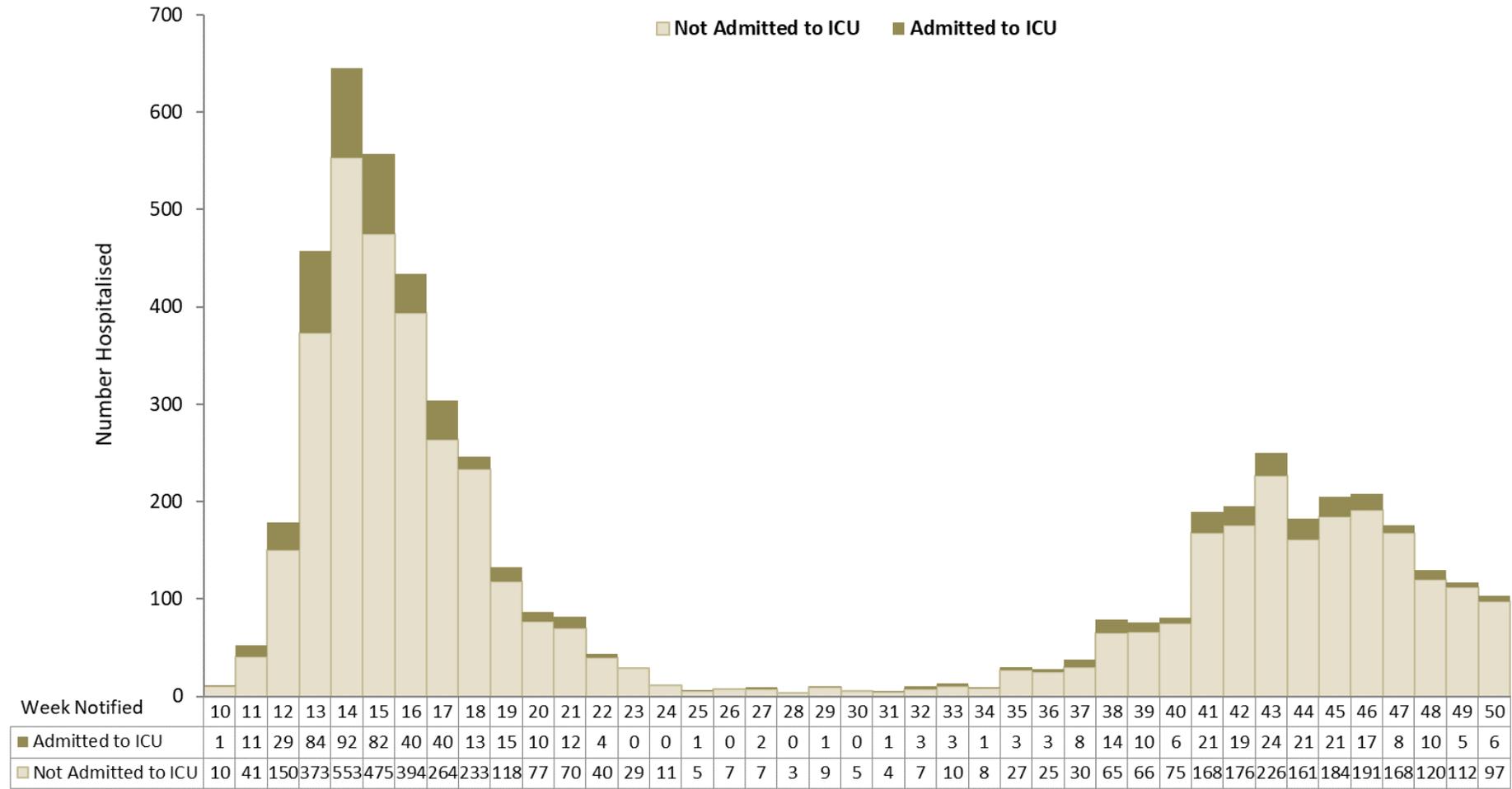| Week Notified	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
Admitted to ICU	1	11	29	84	92	82	40	40	13	15	10	12	4	0	0	1	0	2	0	1	0	1	3	3	1	3	3	8	14	10	6	21	19	24	21	21	17	8	10	5	6
Not Admitted to ICU	10	41	150	373	553	475	394	264	233	118	77	70	40	29	11	5	7	7	3	9	5	4	7	10	8	27	25	30	65	66	75	168	176	226	161	184	191	168	120	112	97

Figure 13: Number of hospitalised COVID-19 cases based on ICU admission status in Ireland between week 10 and week 50.*

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

Deaths among COVID-19 cases

	Number	Percent
Total number of deaths	2,126	
confirmed	1,866	87.8
probable	95	4.5
possible	165	7.8
Number hospitalised who died	971	45.7
admitted to ICU who died	147	6.9
not admitted to ICU who died	824	38.8
Number of imported cases who died	5	0.2
Number of HCWs who died	8	0.4
Number with underlying conditions who died	1,978	93.0
Males who died	1082	50.9
M:F ratio	1.04	
Median age (years)	83	
Mean age (years)	81	
Age range (years)	17 - 105	

Table 3: Summary of deaths in all COVID-19 cases notified in Ireland between week 10 and week 50.
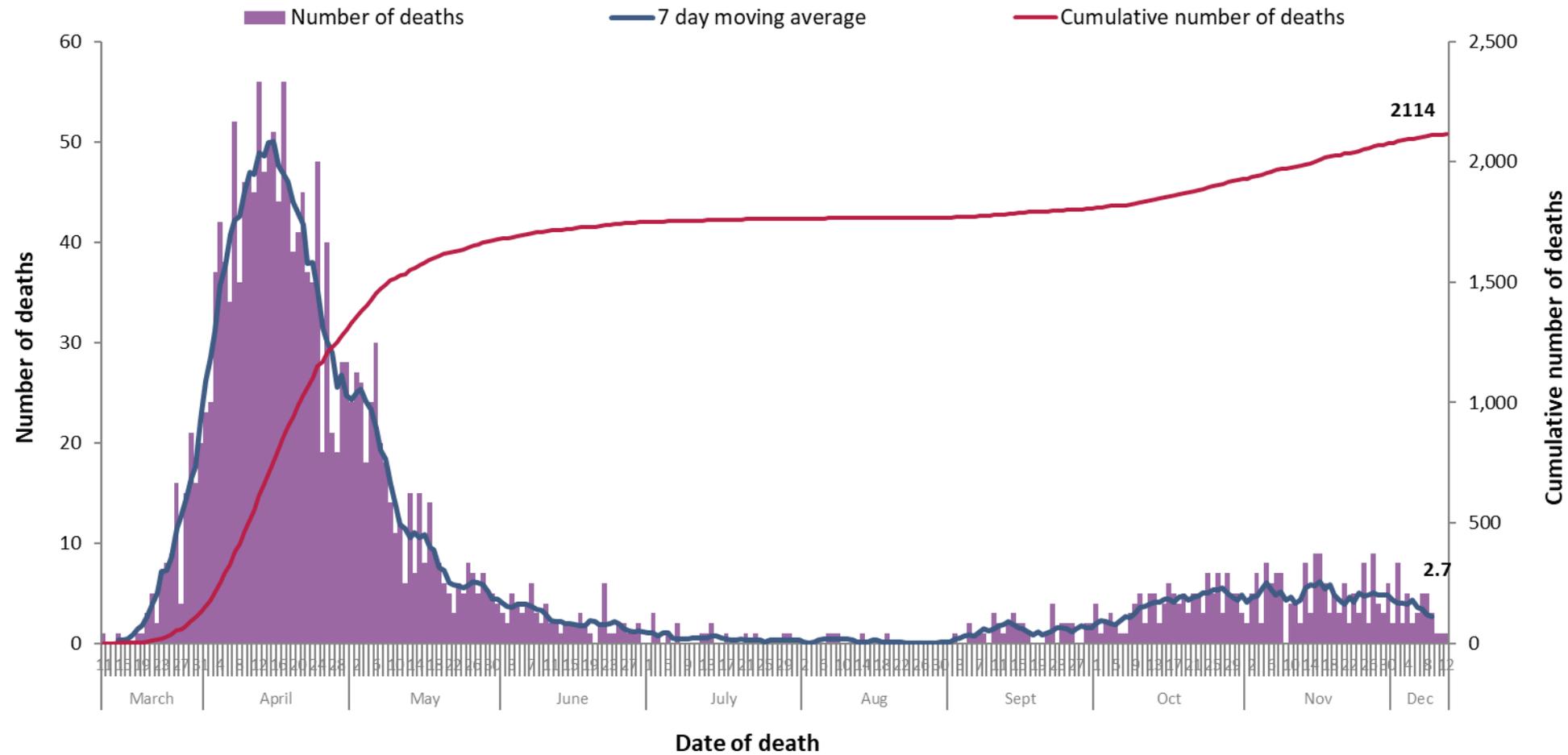
Figure 14a: Daily and 7-day moving average number of deaths among COVID-19 cases notified in Ireland by date of death and cumulative total between week 10 and week 50.
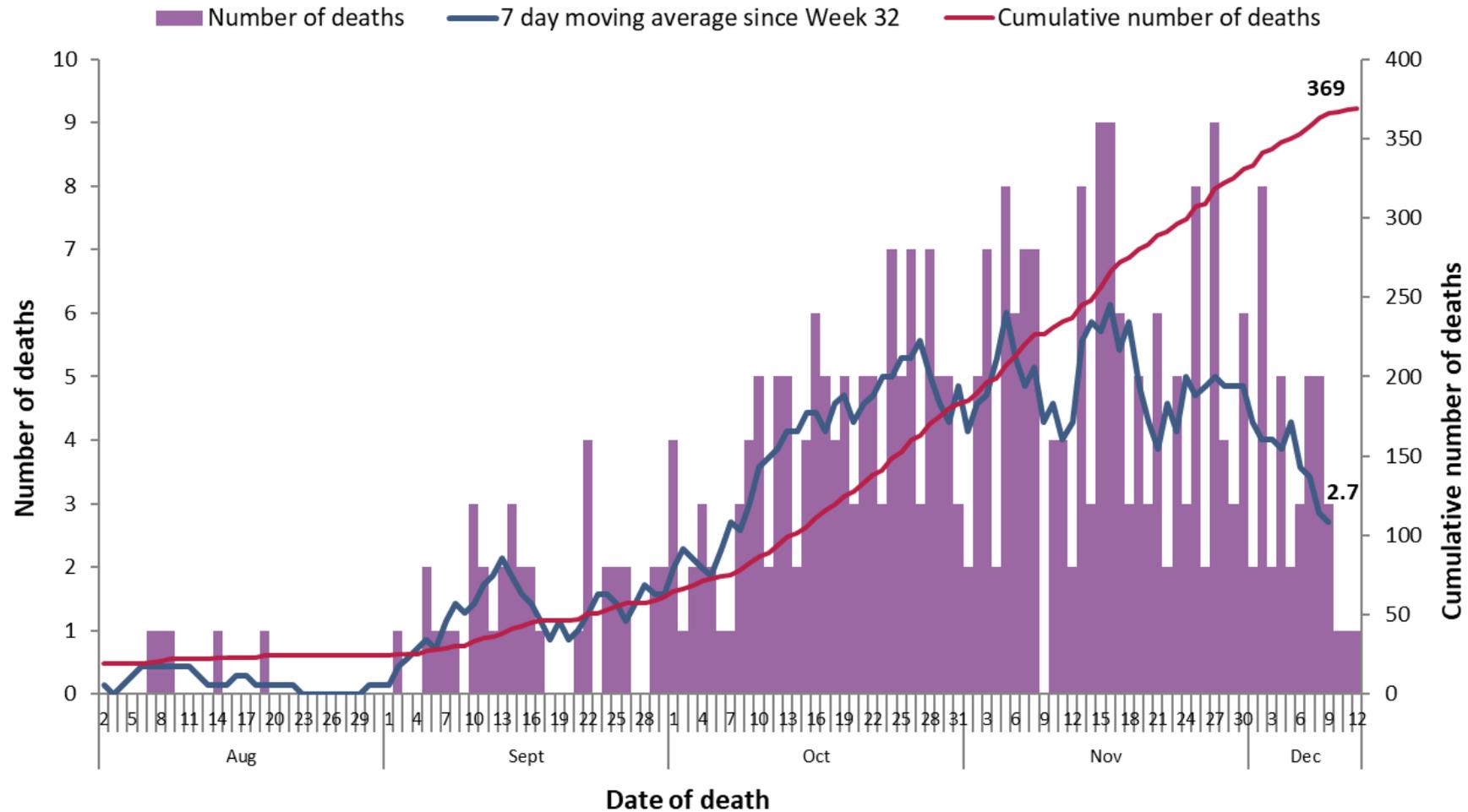
 * Date of death is not yet available for twelve cases

Figure 14b: 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 32 and week 50.

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.

<u>Please refer to the Health Protection Surveillance (HPSC) website for specific reports on</u>

- 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 at 13:26 on 20/09/2020. Data are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

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, 2020

- 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
2020	1	29/12/2019	04/01/2020
2020	2	05/01/2020	11/01/2020
2020	3	12/01/2020	18/01/2020
2020	4	19/01/2020	25/01/2020
2020	5	26/01/2020	01/02/2020
2020	6	02/02/2020	08/02/2020
2020	7	09/02/2020	15/02/2020
2020	8	16/02/2020	22/02/2020
2020	9	23/02/2020	29/02/2020
2020	10	01/03/2020	07/03/2020
2020	11	08/03/2020	14/03/2020
2020	12	15/03/2020	21/03/2020
2020	13	22/03/2020	28/03/2020
2020	14	29/03/2020	04/04/2020
2020	15	05/04/2020	11/04/2020
2020	16	12/04/2020	18/04/2020
2020	17	19/04/2020	25/04/2020
2020	18	26/04/2020	02/05/2020
2020	19	03/05/2020	09/05/2020
2020	20	10/05/2020	16/05/2020
2020	21	17/05/2020	23/05/2020
2020	22	24/05/2020	30/05/2020
2020	23	31/05/2020	06/06/2020
2020	24	07/06/2020	13/06/2020
2020	25	14/06/2020	20/06/2020
2020	26	21/06/2020	27/06/2020

Year	Week	Start date	End date
2020	27	28/06/2020	04/07/2020
2020	28	05/07/2020	11/07/2020
2020	29	12/07/2020	18/07/2020
2020	30	19/07/2020	25/07/2020
2020	31	26/07/2020	01/08/2020
2020	32	02/08/2020	08/08/2020
2020	33	09/08/2020	15/08/2020
2020	34	16/08/2020	22/08/2020
2020	35	23/08/2020	29/08/2020
2020	36	30/08/2020	05/09/2020
2020	37	06/09/2020	12/09/2020
2020	38	13/09/2020	19/09/2020
2020	39	20/09/2020	26/09/2020
2020	40	27/09/2020	03/10/2020
2020	41	04/10/2020	10/10/2020
2020	42	11/10/2020	17/10/2020
2020	43	18/10/2020	24/10/2020
2020	44	25/10/2020	31/10/2020
2020	45	01/11/2020	07/11/2020
2020	46	08/11/2020	14/11/2020
2020	47	15/11/2020	21/11/2020
2020	48	22/11/2020	28/11/2020
2020	49	29/11/2020	05/12/2020
2020	50	06/12/2020	12/12/2020
2020	51	13/12/2020	19/12/2020
2020	52	20/12/2020	26/12/2020
2020	53	27/12/2020	02/01/2021