Weekly Report on the Epidemiology of COVID-19 in Ireland Week 46

Health Protection Surveillance Centre

Epi Team, HPSC, 16/11/2020

Summary Characteristics of confirmed COVID-19 notified in Ireland during

- Week 46 (8th to 14th November 2020)- most recent week
- Week 27 (28th June to 4th July 2020) to Week 46- Time period since spring lock-down restrictions lifted
- Week 10 (March 1st 2020) to Week 46 – From 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.

Summary characteristics of confirmed COVID-19 cases notified in Ireland

Total cases reported 67,900
Weeks 10-45, 65,300
Week 46, 2,600

Total deaths reported 1,725
Weeks 10-45, 1720
Week 46, 5
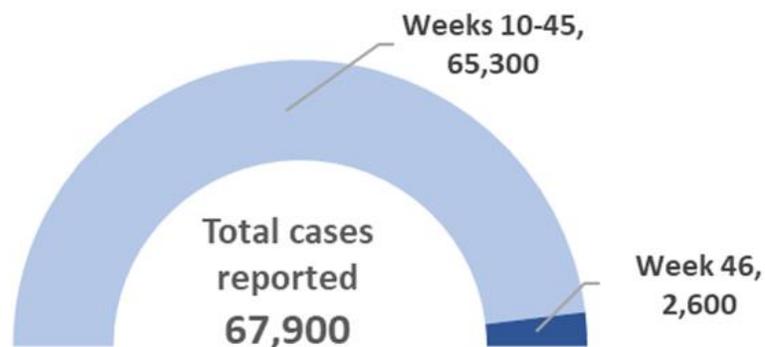
|	Total (week 10-week 46)		Week 46	
	Number	Percent	Number	Percent
Total number of confirmed cases	67,900		2,600	
Incidence rate of confirmed cases per 100,000 population	14,25.9		54.6	
Number of cases hospitalised	4,871	7.2	169	6.5
Number of cases admitted to ICU	593	0.9	7	0.3
Number of deaths among confirmed cases	1,725	2.5	5	0.2
Case fatality ratio (CFR %)	2.5		0.2	
Incidence rate of confirmed deaths per 100,000 population	36.2		0.1	
Number of cases associated with clusters	35,450	52.2	616	23.7
Number of imported cases	650	1.0	8	0.3
Number of cases in healthcare workers	11,283	16.6	341	13.1
Males	31,944	47.0	1,279	49.2
Females	35,934	52.9	1,319	50.7
M:F ratio	0.9		1.0	
Mean age (years)	41		38	
Median (years)	39		36	
Age range (years)	0 - 108		0 - 108	
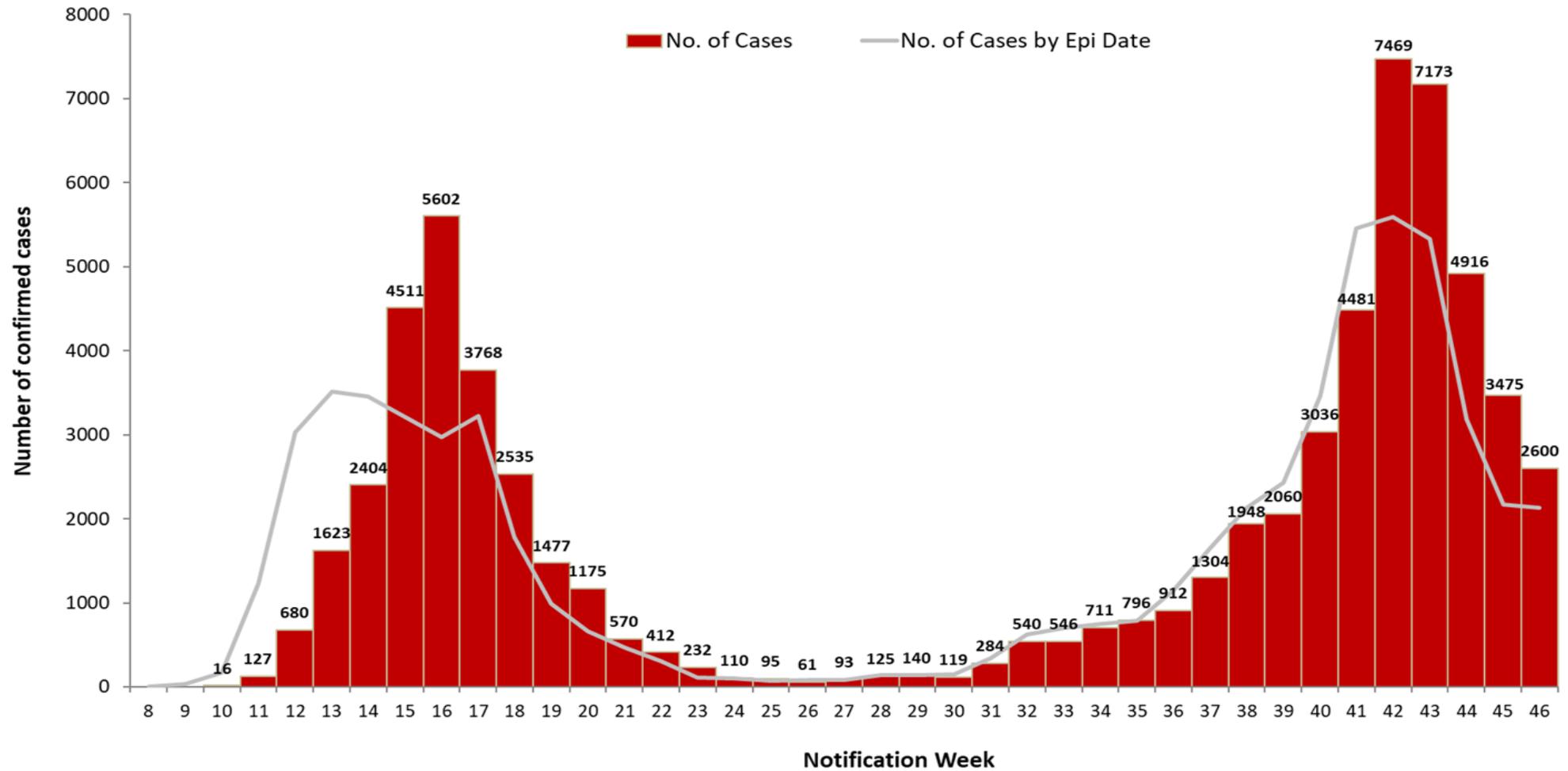
Figure 1: Number of confirmed COVID-19 cases by notification week and epi week in Ireland up to week 46 (08/11/2020 - 14/11/2020)
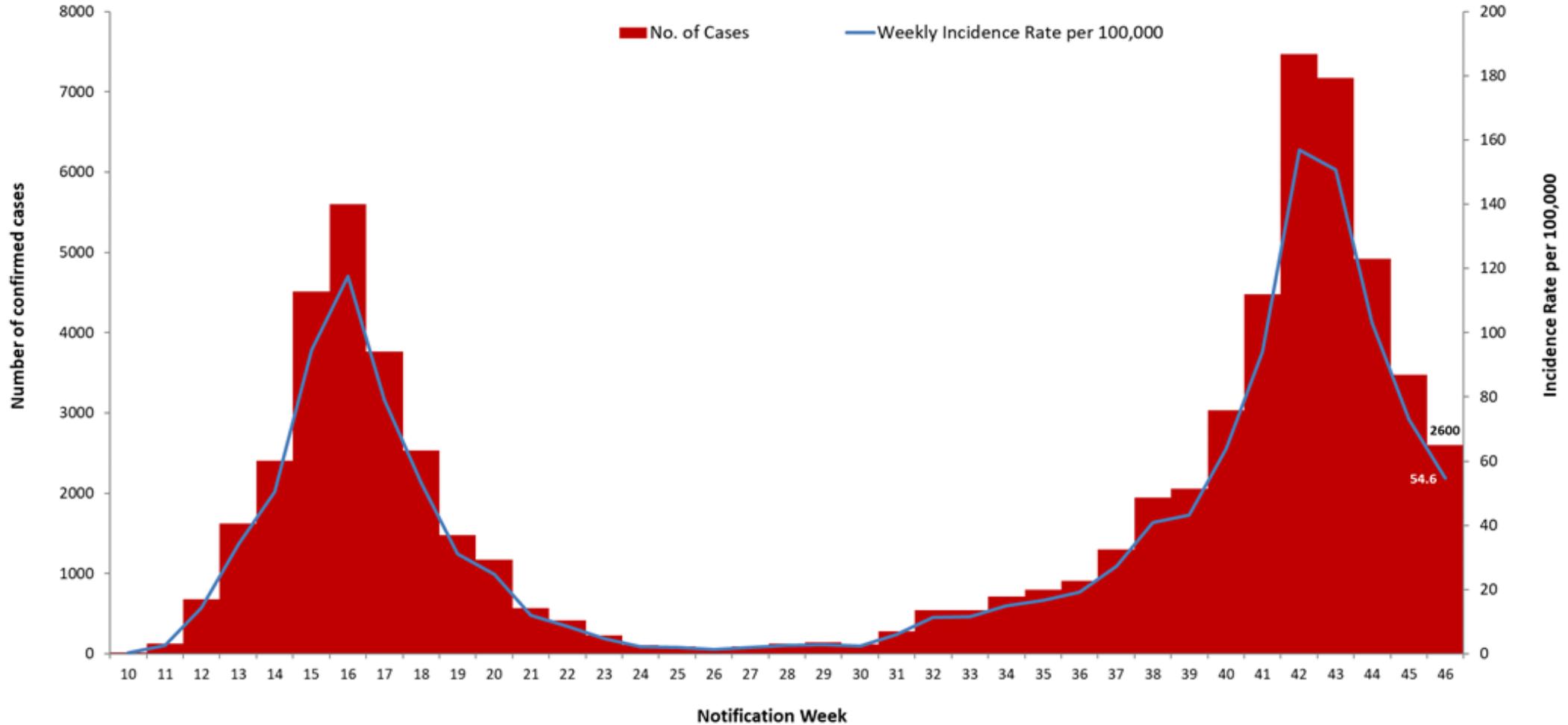
Figure 2: Number of confirmed COVID-19 cases by notification week and weekly incidence rate per 100,000 population in Ireland up to week 46 (08/11/2020 - 14/11/2020)
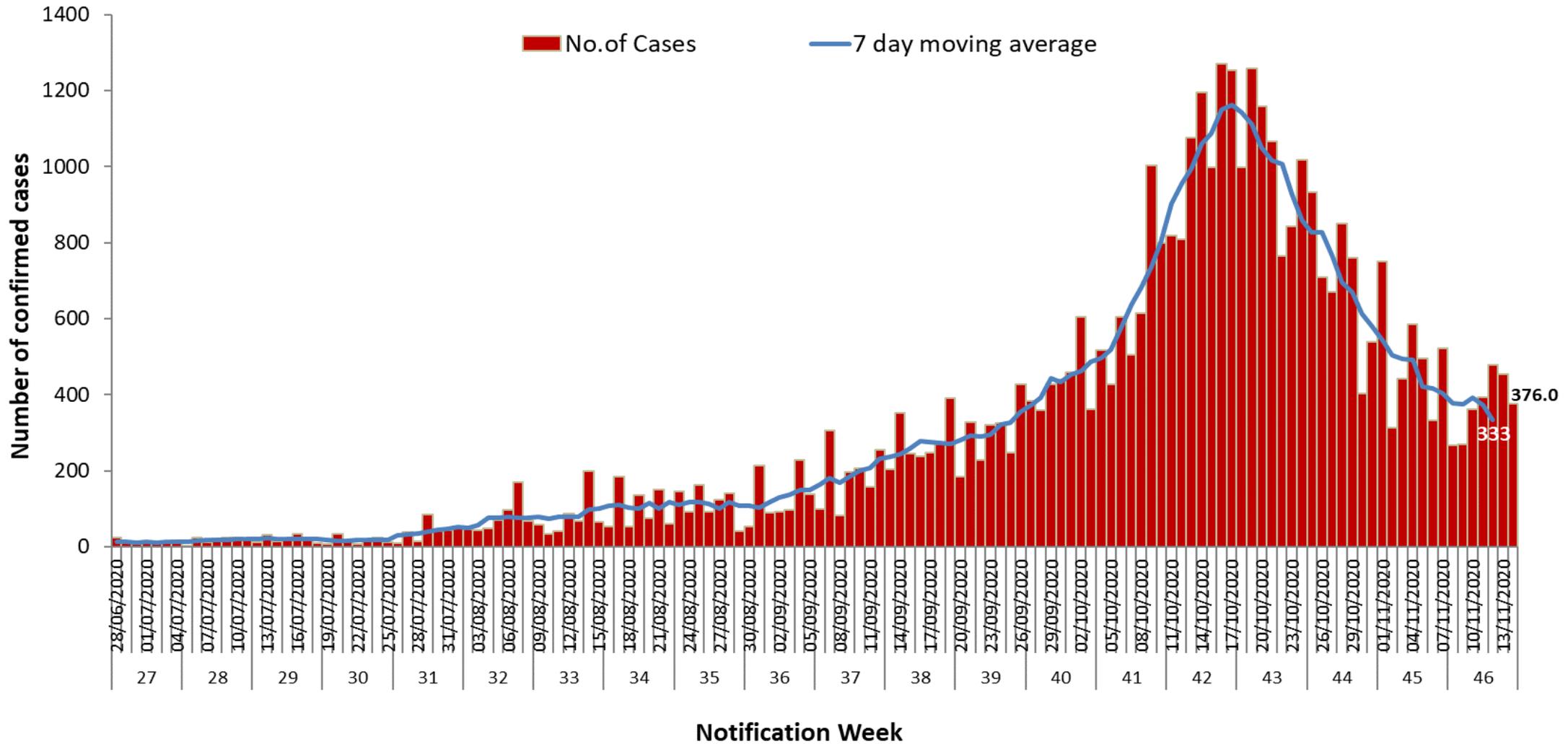
Figure 3: Number of confirmed cases of COVID-19, and 7-day moving average, by notification date in Ireland between week 27 (28/06/2020 - 04/07/2020) and week 46 (08/11/2020 - 14/11/2020)
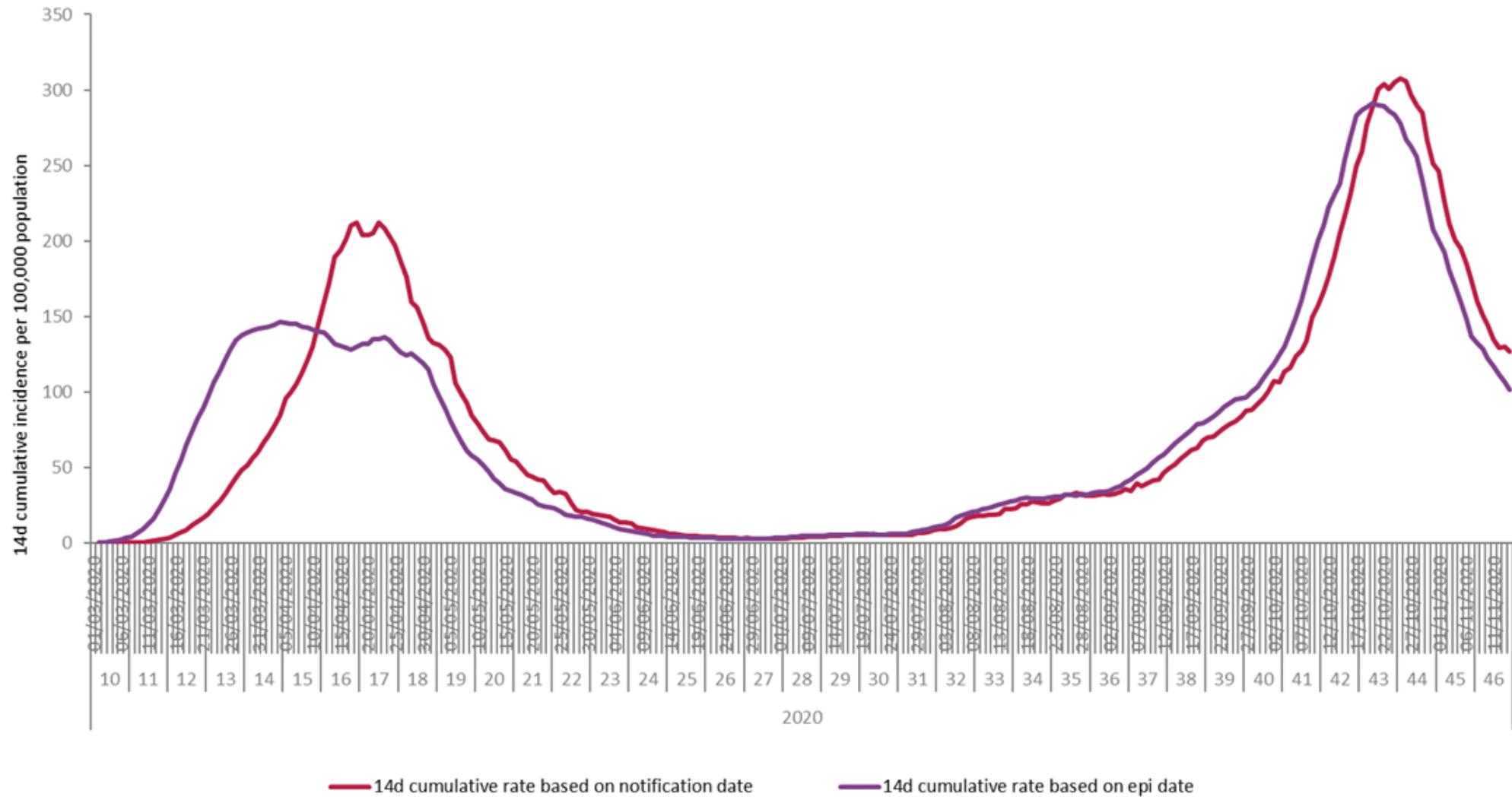
Figure 4a: Cumulative 14-day incidence rate of confirmed COVID-19 cases per 100,000 population notified in Ireland by notification and epidemiological date up to week 46 (08/11/2020 - 14/11/2020)
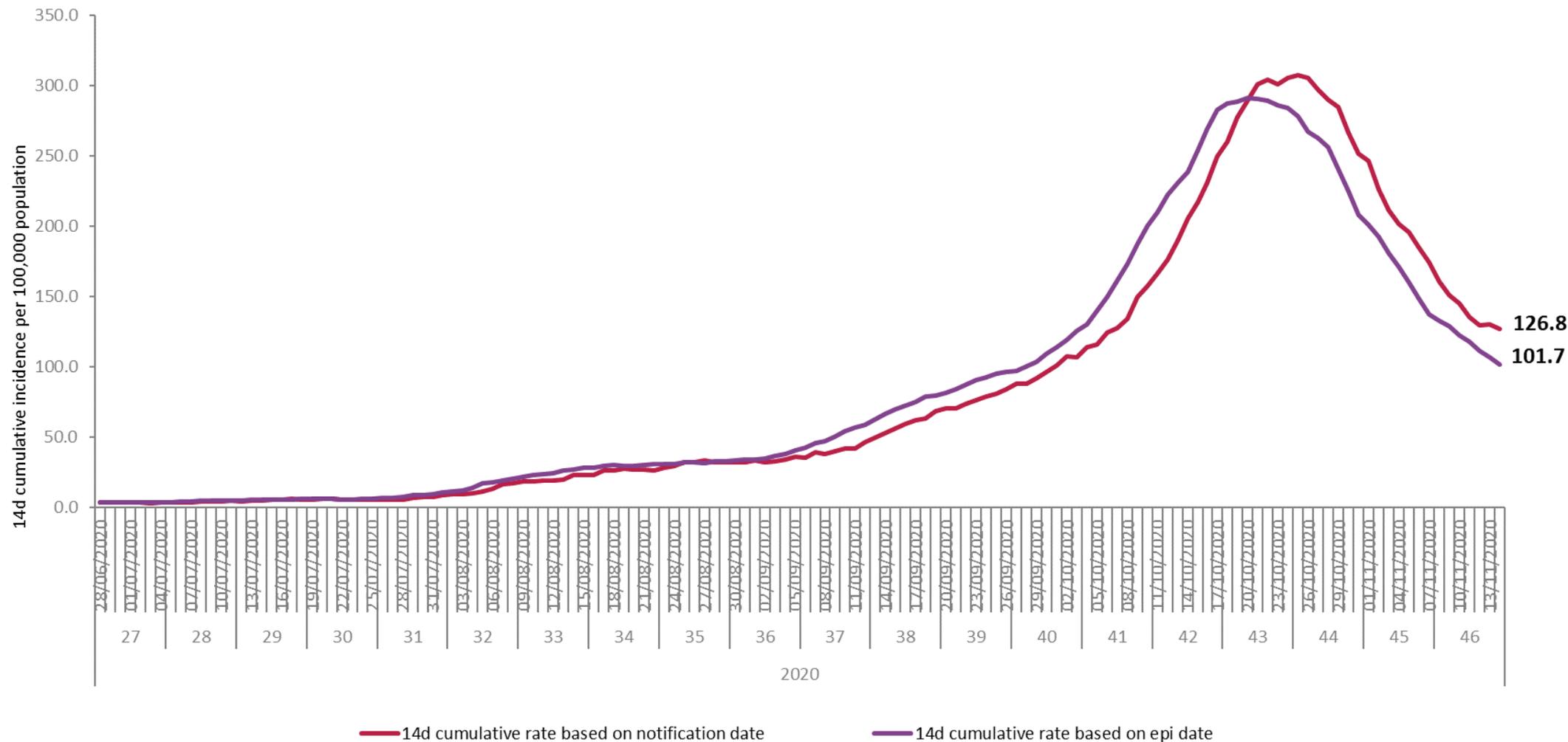
**Figure 4b:** Cumulative 14-day incidence rate of confirmed COVID-19 cases per 100,000 population notified in Ireland by notification and epidemiological date* between week 27 (28/06/2020 - 04/07/2020) to week 46 (08/11/2020 - 14/11/2020)

*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.

Characteristic		Week 46	Percent
Total number of confirmed cases		2,600	100
Sex	Male : Female ratio	1.0	
	Male	1,279	49.2
	Female	1,319	50.7
	Unknown	2	0.1
Age	Mean age (years)	38	
	Median age (years)	36	
	Age range (years)	0 - 108	
	0-4 yrs	103	4.0
	5-12 yrs	197	7.6
	13-18 yrs	217	8.3
	19-24 yrs	318	12.2
	25-34 yrs	405	15.6
	35-44 yrs	395	15.2
	45-54 yrs	367	14.1
	55-64 yrs	243	9.3
	65-74 yrs	149	5.7
	75-84 yrs	117	4.5
	85+ yrs	89	3.4
Symptomatic*	Yes	694	26.7
	No	1,672	64.3
	Unknown	234	9.0
Underlying clinical conditions	Yes	1,589	61.1
	No	707	27.2
	Unknown	304	11.7

Table 1: Characteristics of confirmed COVID-19 cases notified in Ireland during week 46 (08/11/2020 - 14/11/2020)

*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.
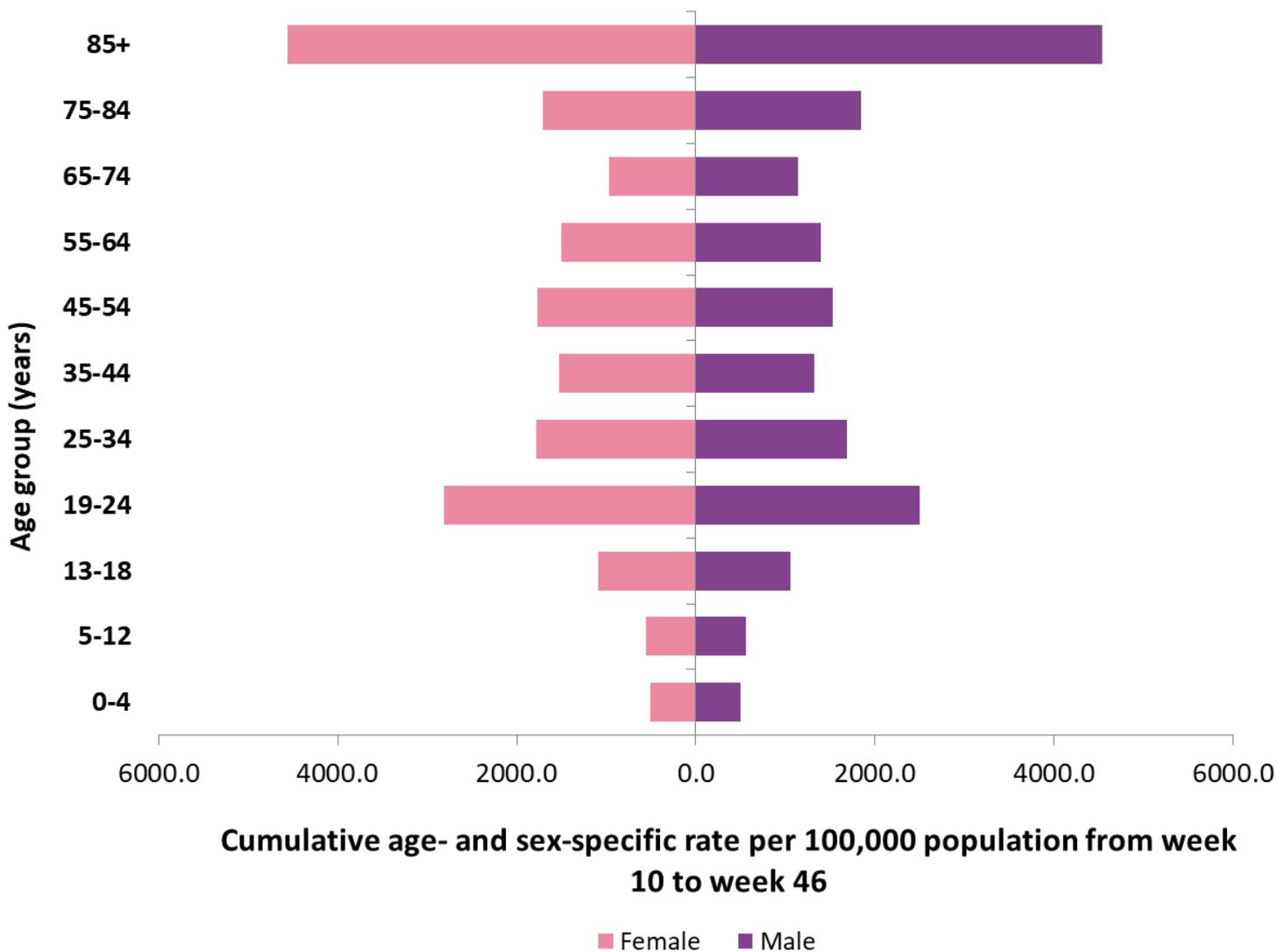
Figure 5a: Cumulative age- and sex-specific incidence rates of confirmed COVID-19 per 100,000 population notified in Ireland from Week 10 (01/03/2020-07/03/2020) to week 46 (08/11/2020 - 14/11/2020) (excluding 31 cases for whom age is unknown and 40 cases for whom sex is unknown and 1 case for whom both are unknown)
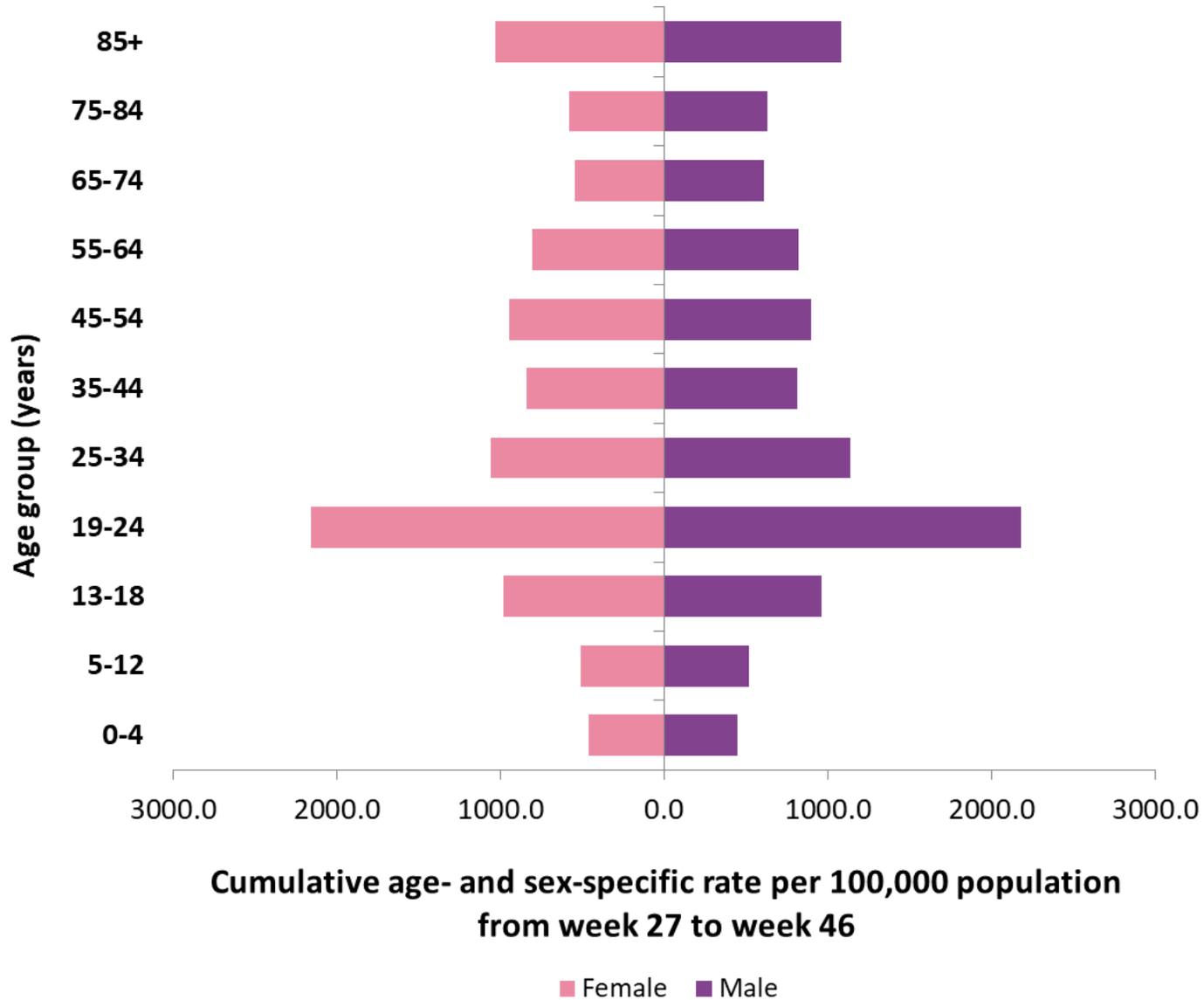
Figure 5b: Cumulative age- and sex-specific incidence rates of confirmed COVID-19 per 100,000 population notified in Ireland from Week 27 (28/06/2020-04/07/2020) to week 46 (08/11/2020 - 14/11/2020) (excluding 12 cases for whom age is unknown and 19 cases for whom sex is unknown)
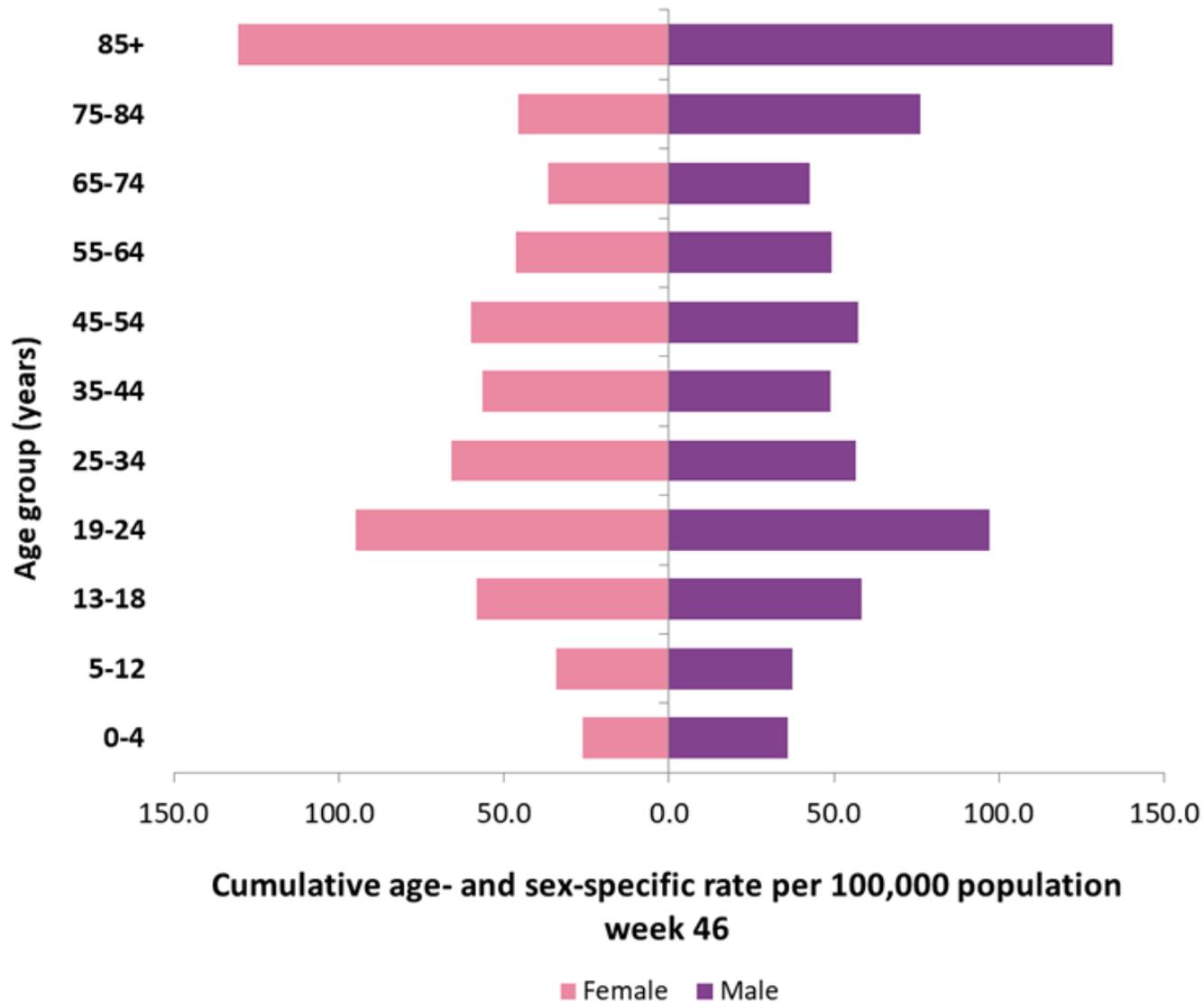
Figure 5c: Cumulative age- and sex-specific incidence rates of confirmed COVID-19 per 100,000 population notified in Ireland during week 46 (08/11/2020 - 14/11/2020) (excluding 2 cases for whom sex is unknown)
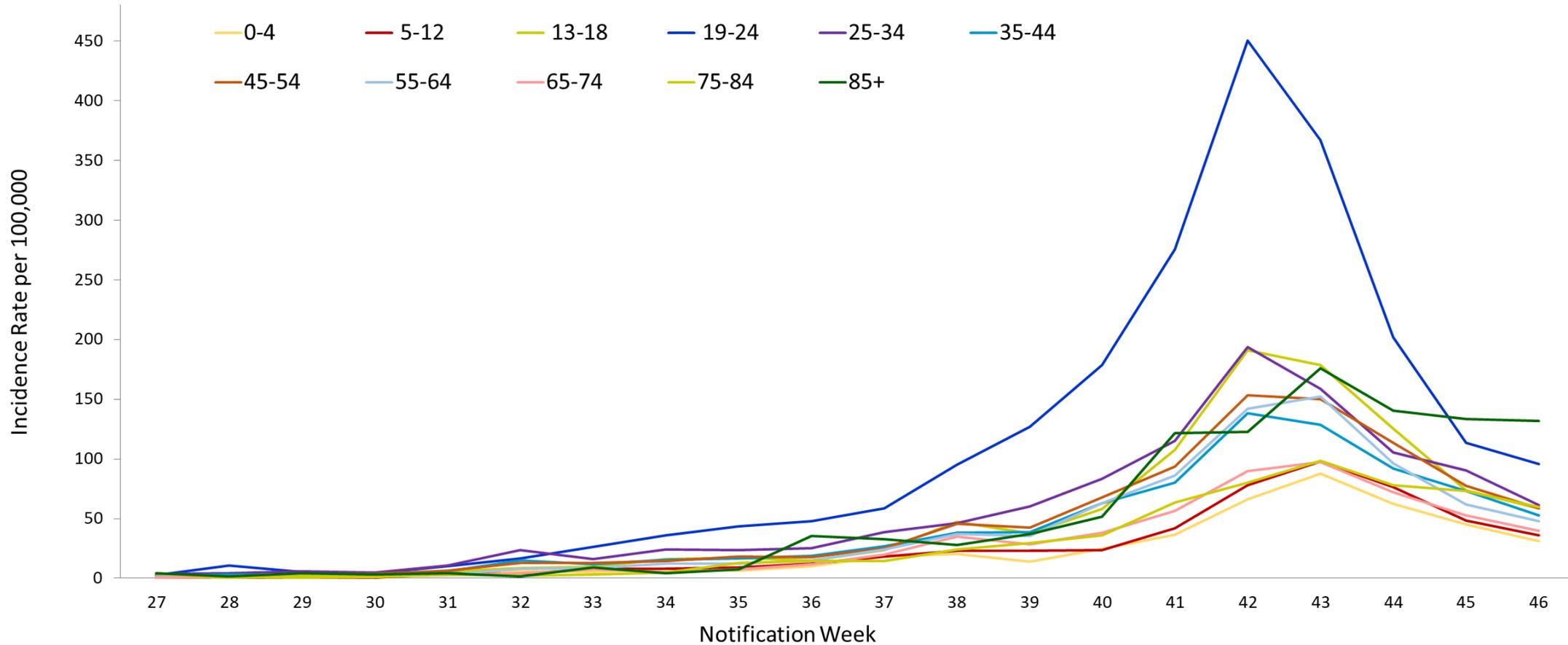
Figure 6a: Weekly Age-specific incidence rates of confirmed cases of COVID-19 per 100,000 population in Ireland between week 27 (28/06/2020 - 04/07/2020) to 46 (08/11/2020 - 14/11/2020)
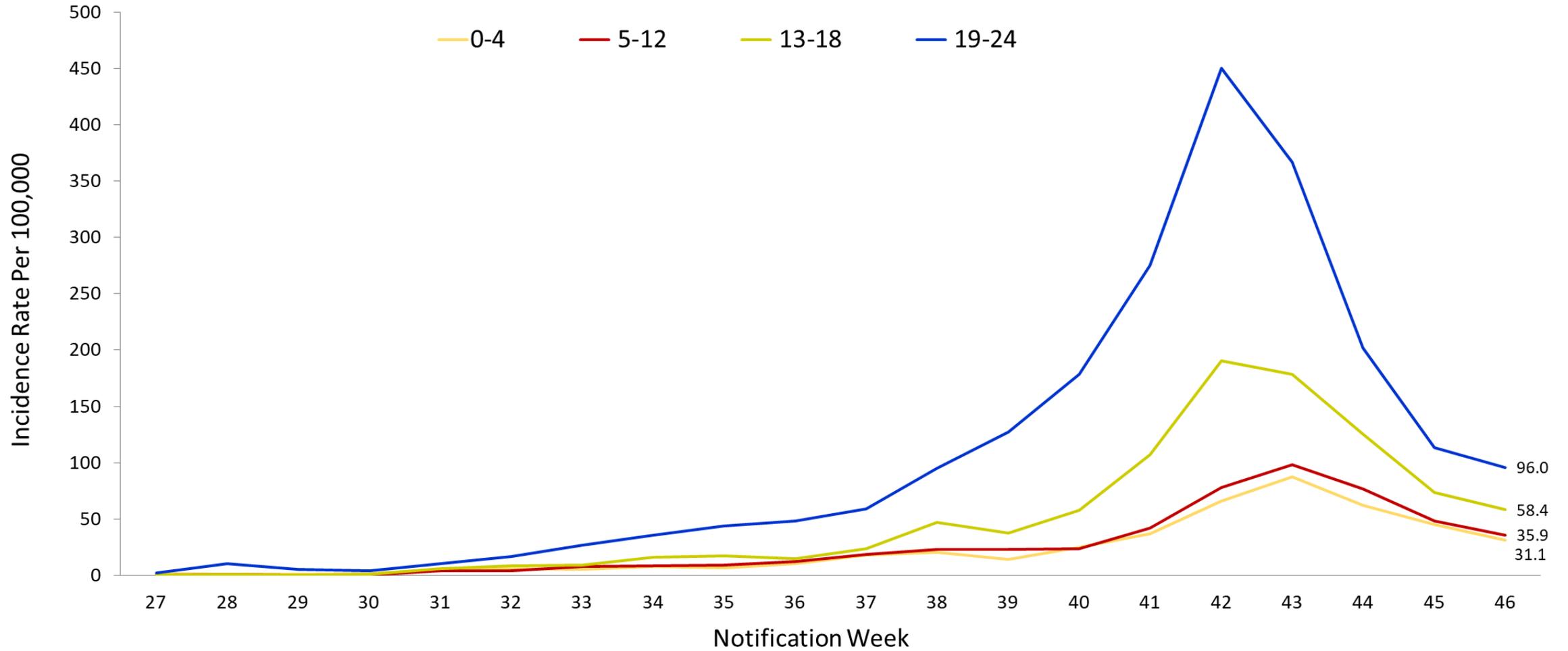
Figure 6b: Weekly Age-specific incidence rates of confirmed cases of COVID-19 per 100,000 population in Ireland between week 27 (28/06/2020 - 04/07/2020) to 46 (08/11/2020 - 14/11/2020)
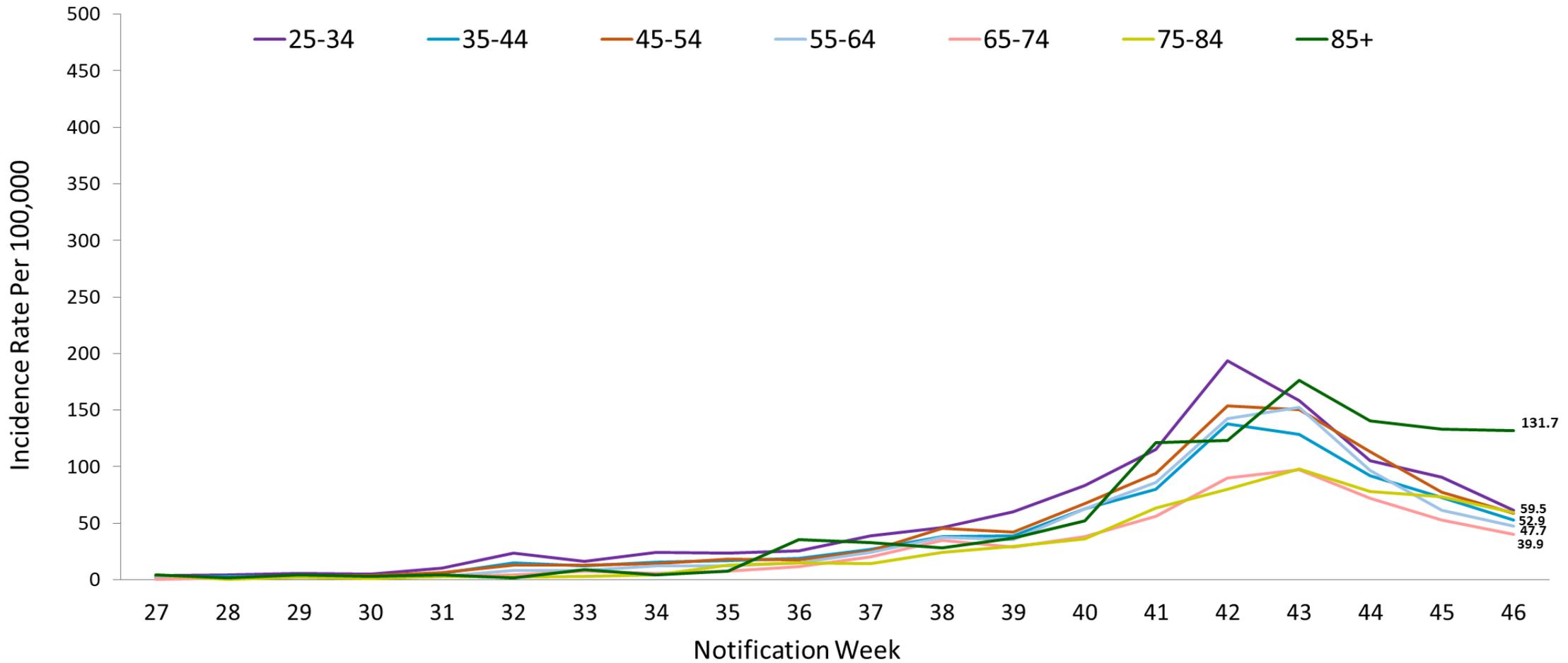
Figure 6c: Weekly Age-specific incidence rates of confirmed cases of COVID-19 per 100,000 population in Ireland between week 27 (28/06/2020 - 04/07/2020) to 46 (08/11/2020 - 14/11/2020)
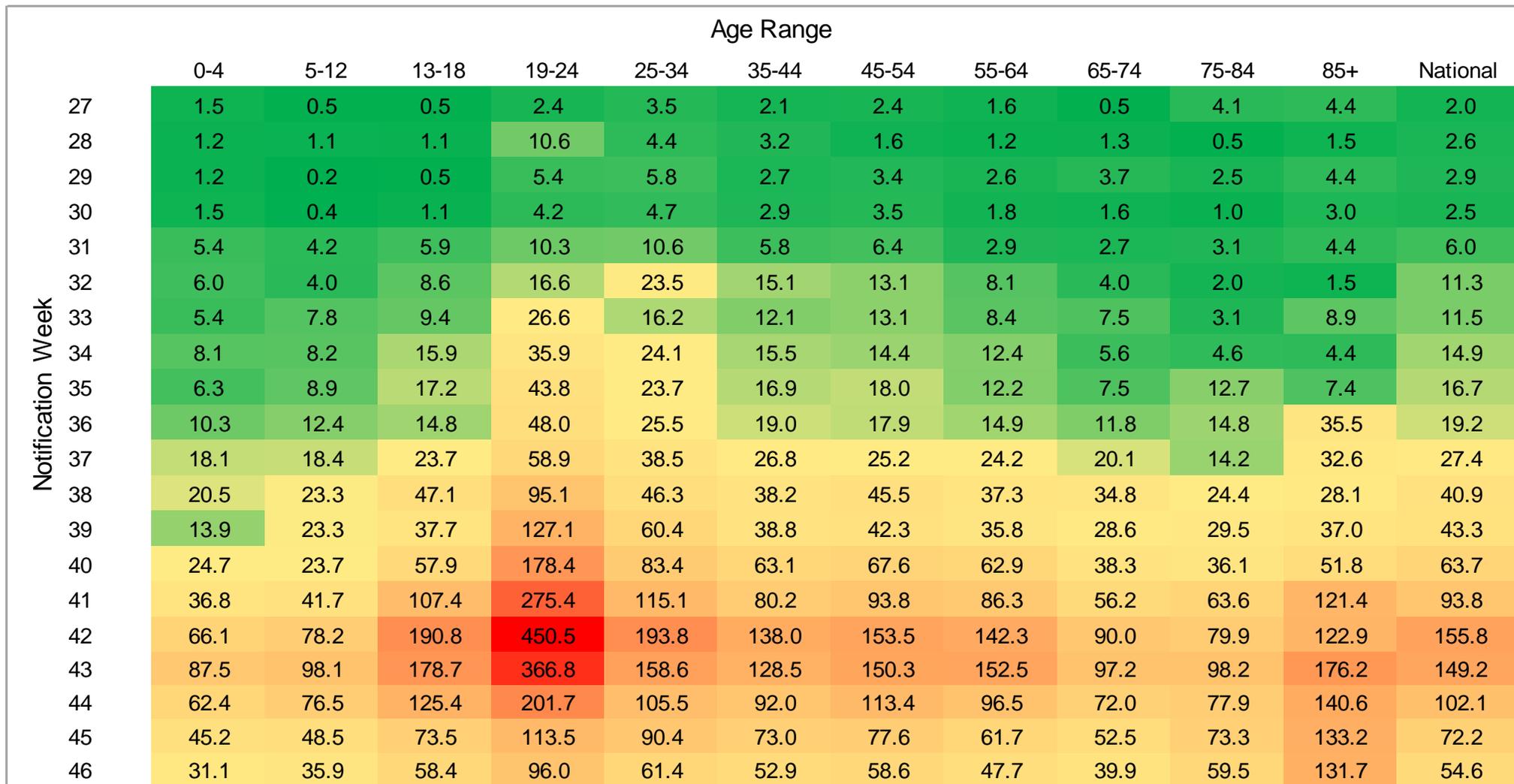
Figure 7: Heat map of weekly age-specific incidence rates of confirmed cases of COVID-19 per 100,000 population in Ireland between week 27 (28/06/2020 - 04/07/2020) to week 46 (08/11/2020 - 14/11/2020)

| 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
27	1.5	0.5	0.5	2.4	3.5	2.1	2.4	1.6	0.5	4.1	4.4	2.0
28	1.2	1.1	1.1	10.6	4.4	3.2	1.6	1.2	1.3	0.5	1.5	2.6
29	1.2	0.2	0.5	5.4	5.8	2.7	3.4	2.6	3.7	2.5	4.4	2.9
30	1.5	0.4	1.1	4.2	4.7	2.9	3.5	1.8	1.6	1.0	3.0	2.5
31	5.4	4.2	5.9	10.3	10.6	5.8	6.4	2.9	2.7	3.1	4.4	6.0
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	25.2	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	34.8	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	36.8	41.7	107.4	275.4	115.1	80.2	93.8	86.3	56.2	63.6	121.4	93.8
42	66.1	78.2	190.8	450.5	193.8	138.0	153.5	142.3	90.0	79.9	122.9	155.8
43	87.5	98.1	178.7	366.8	158.6	128.5	150.3	152.5	97.2	98.2	176.2	149.2
44	62.4	76.5	125.4	201.7	105.5	92.0	113.4	96.5	72.0	77.9	140.6	102.1
45	45.2	48.5	73.5	113.5	90.4	73.0	77.6	61.7	52.5	73.3	133.2	72.2
46	31.1	35.9	58.4	96.0	61.4	52.9	58.6	47.7	39.9	59.5	131.7	54.6

County	Cases		M:F ratio	Median age	Incidence Rate per 100,000
	N	%		(years)	
Donegal	196	7.5	0.9	38.5	123.1
Limerick	200	7.7	1.2	30	102.6
Louth	126	4.8	0.8	37.5	97.8
Waterford	108	4.2	1.2	36	93.0
Offaly	67	2.6	0.6	43	85.9
Westmeath	75	2.9	0.7	40	84.5
Roscommon	54	2.1	0.8	54	83.7
Dublin	805	31.0	1.0	35	59.7
Cavan	42	1.6	0.8	31.5	55.1
Longford	22	0.8	1.0	33.5	53.8
Monaghan	33	1.3	1.1	36	53.8
Leitrim	17	0.7	1.8	42	53.1
Meath	96	3.7	0.9	30	49.2
Tipperary	76	2.9	1.5	45.5	47.6
Kilkenny	45	1.7	1.0	34	45.3
Laois	35	1.3	1.2	35	41.3
Kildare	90	3.5	1.1	44	40.4
Galway	99	3.8	0.8	19	38.4
Mayo	49	1.9	1.1	39	37.5
Kerry	52	2.0	0.7	42	35.2
Clare	40	1.5	1.0	50	33.7
Sligo	21	0.8	1.3	46	32.0
Carlow	18	0.7	2.6	29	31.6
Wicklow	44	1.7	1.2	49	30.9
Cork	161	6.2	0.8	35	29.7
Wexford	29	1.1	0.9	35	19.4

Table 2: Characteristics of confirmed cases of COVID-19 by county notified in Ireland, during week 46 (08/11/2020 - 14/11/2020)

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
27	0.0	2.6	0.0	0.9	1.3	2.4	0.4	0.0	8.1	1.0	0.0	12.5	2.1	0.0	0.8	0.8	0.5	0.0	0.0	1.5	25.9	0.0	0.9	2.3	0.0	0.0	2.0
28	1.8	2.6	0.0	0.7	1.3	4.3	1.9	0.7	7.6	0.0	0.0	0.0	1.0	0.0	3.9	0.8	0.5	1.6	0.0	0.0	4.6	0.6	6.0	2.3	2.0	6.3	2.6
29	3.5	2.6	0.0	2.0	2.5	6.3	0.8	3.4	4.9	0.0	0.0	3.1	0.0	0.0	3.1	0.8	2.6	1.6	0.0	0.0	0.0	0.0	0.9	0.0	1.3	2.1	2.9
30	1.8	0.0	2.5	0.9	0.0	5.5	0.4	0.7	4.9	0.0	2.4	0.0	1.0	2.4	0.8	4.1	1.6	1.3	0.0	1.5	1.5	0.6	0.0	1.1	0.0	2.1	2.5
31	0.0	11.8	16.8	0.9	3.1	6.4	2.3	0.0	31.5	1.0	44.9	0.0	8.7	0.0	1.6	5.4	2.6	1.6	6.4	0.0	0.0	0.6	0.0	4.5	0.7	0.7	6.0
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	6.3	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	22.5	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	61.2	143.2	89.4	51.5	34.5	54.4	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	51.3	63.7
41	28.1	279.6	186.0	96.5	201.6	83.1	100.0	75.1	86.7	43.3	69.7	81.1	106.7	105.2	76.0	52.1	134.3	206.9	82.1	79.0	114.4	37.0	44.8	91.2	79.5	37.9	93.8
42	123.0	529.0	135.5	178.3	142.0	139.5	172.4	139.5	158.2	100.8	106.3	149.8	143.2	127.2	111.0	98.8	331.7	166.2	106.5	142.5	175.5	72.7	84.4	230.9	192.4	87.1	155.8
43	158.1	439.8	127.1	166.7	178.4	114.7	200.0	150.3	147.4	73.6	131.1	96.7	149.3	144.3	174.6	147.1	314.8	203.6	92.4	131.7	253.3	61.4	118.8	206.2	118.9	63.2	149.2
44	107.1	154.9	103.5	136.7	142.6	102.7	97.7	69.7	92.1	55.4	77.9	15.6	118.5	100.3	121.0	95.0	147.7	74.9	60.3	74.4	103.8	67.7	86.1	112.7	53.4	59.0	102.1
45	61.5	48.6	59.8	61.0	152.6	80.6	47.7	93.4	48.5	84.7	89.7	25.0	99.5	56.3	55.1	78.2	94.9	70.0	51.3	82.1	79.3	54.5	62.0	85.6	30.1	38.6	72.2
46	31.6	55.1	33.7	29.7	123.1	59.7	38.4	35.2	40.4	45.3	41.3	53.1	102.6	53.8	97.8	37.5	49.2	53.8	85.9	83.7	32.0	47.6	93.0	84.5	19.4	30.9	54.6

Figure 8: Heat map of weekly incidence rates of confirmed cases of COVID-19 per 100,000 population, by county, notified in Ireland between week 27 (28/06/2020 - 04/07/2020) to week 46 (08/11/2020 - 14/11/2020)

Notification Week	HSE-E	HSE-M	HSE-MW	HSE-NE	HSE-NW	HSE-SE	HSE-S	HSE-W	National
27	2.9	0.7	1.0	0.9	8.9	0.4	0.7	0.7	2.0
28	4.9	0.7	0.5	2.0	1.9	2.4	0.7	1.3	2.6
29	5.8	0.0	0.0	2.6	1.9	1.0	2.3	0.7	2.9
30	5.1	1.7	1.6	2.2	0.4	0.2	0.9	0.4	2.5
31	9.2	16.1	9.9	3.7	1.9	0.4	0.7	2.9	6.0
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	17.6	4.3	10.4	27.4
38	71.2	23.6	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	55.5	50.1	63.7
41	79.8	85.2	116.6	152.1	163.6	52.3	92.0	83.2	93.8
42	137.5	147.8	128.1	281.3	150.8	120.9	170.0	147.0	155.8
43	114.6	150.5	130.4	282.2	186.5	98.4	163.2	175.0	149.2
44	97.7	90.7	111.9	132.1	116.3	61.9	122.4	93.6	102.1
45	72.9	73.9	82.3	73.0	117.5	52.9	67.9	61.4	72.2
46	54.8	68.8	66.8	64.5	90.7	50.4	30.8	44.6	54.6

Figure 9: Weekly Incidence rates each week of confirmed cases of COVID-19 per 100,000 population, by HSE area, notified in Ireland between week 27 (28/06/2020 - 04/07/2020) to week 46 (08/11/2020 - 14/11/2020)

Notification Week	CHO1	CHO2	CHO3	CHO4	CHO5	CHO6	CHO7	CHO8	CHO9
27	6.4	0.7	1.0	0.7	0.4	1.3	4.1	0.6	2.6
28	2.0	1.3	0.5	0.7	2.4	7.0	4.0	1.3	4.7
29	2.0	0.7	0.0	2.3	1.0	4.4	5.8	1.5	6.6
30	0.5	0.4	1.6	0.9	0.2	2.1	6.1	2.3	6.0
31	3.8	2.9	9.9	0.7	0.4	2.6	15.3	8.7	6.3
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	17.6	37.6	40.0	26.2	65.8
38	37.1	17.9	18.7	17.4	24.1	55.6	65.7	30.4	87.1
39	68.5	32.2	16.1	36.3	12.5	52.5	56.8	27.9	79.3
40	96.1	50.1	53.2	55.5	29.6	75.2	72.6	46.8	96.1
41	194.7	83.2	116.6	92.0	52.3	56.9	80.4	98.3	93.2
42	228.5	147.0	128.1	170.0	120.9	92.1	143.3	197.3	159.0
43	240.2	175.0	130.4	163.2	98.4	81.2	114.9	206.7	135.0
44	118.6	93.6	111.9	122.4	61.9	68.6	94.7	114.5	119.1
45	97.9	61.4	82.3	67.9	52.9	50.1	63.7	76.2	97.5
46	78.7	44.6	66.8	30.8	50.4	54.5	53.3	68.5	56.8

Figure 10: Weekly Incidence rates of confirmed COVID-19 cases by CHO notified in Ireland between week 27 (28/06/2020 - 04/07/2020) to week 46 (08/11/2020 - 14/11/2020)

| 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
27	0.7	3.2	2.0	0.0	5.1	3.9	1.3	2.3
28	2.9	11.3	1.3	1.9	3.9	6.7	5.2	2.7
29	2.2	8.9	7.3	8.1	3.9	8.2	10.4	3.1
30	2.2	1.6	14.0	5.6	1.3	7.2	9.1	3.1
31	2.2	5.7	6.0	8.7	9.0	8.2	4.5	5.8
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	117.2	67.4	89.5	92.7	111.3	119.7	69.8
41	33.8	98.6	60.7	65.3	113.3	106.0	113.2	71.0
42	56.6	125.3	93.4	117.5	212.4	222.5	154.0	111.1
43	50.7	125.3	73.4	95.1	141.0	168.6	143.6	103.0
44	49.2	93.0	62.7	106.9	126.2	138.7	108.7	109.6
45	26.5	81.6	48.7	74.0	97.2	117.5	99.0	80.6
46	41.9	92.2	56.7	47.2	79.2	74.7	67.9	35.9

Figure 11: Weekly Incidence rates of confirmed COVID-19 cases by Dublin Local Health Offices (LHOs) notified in Ireland between week 27 (28/06/2020 - 04/07/2020) to week 46 (08/11/2020 - 14/11/2020)

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
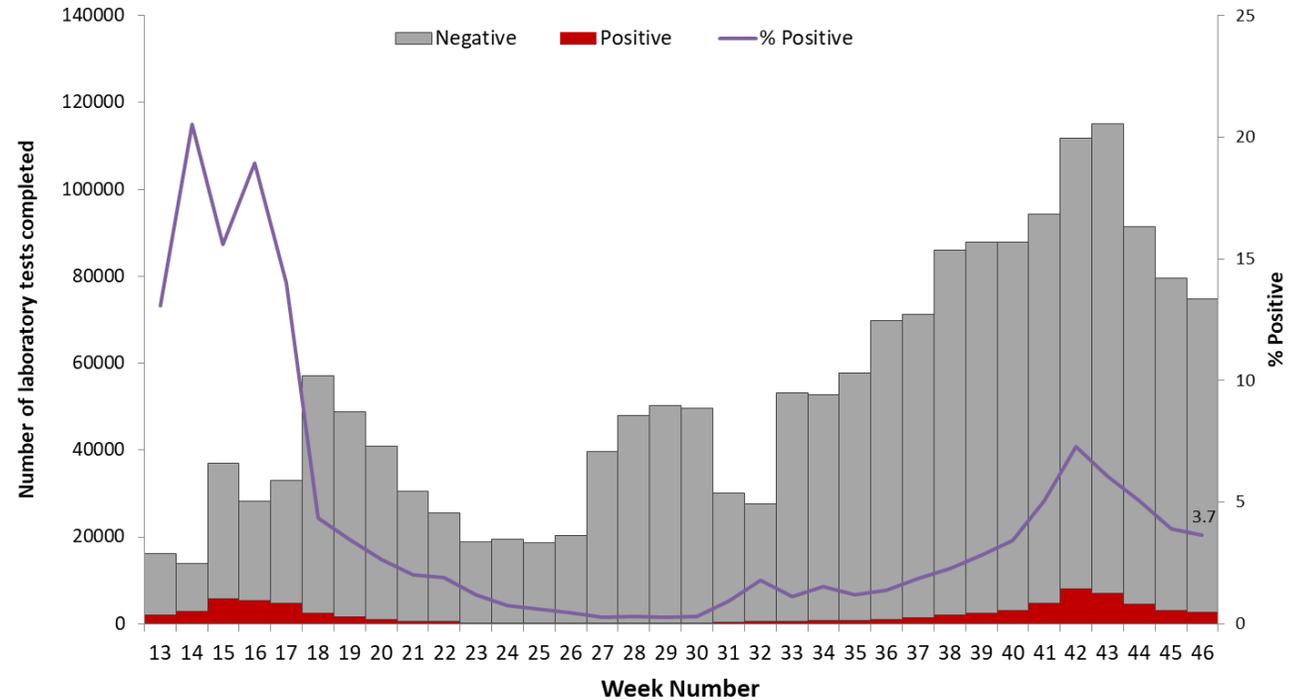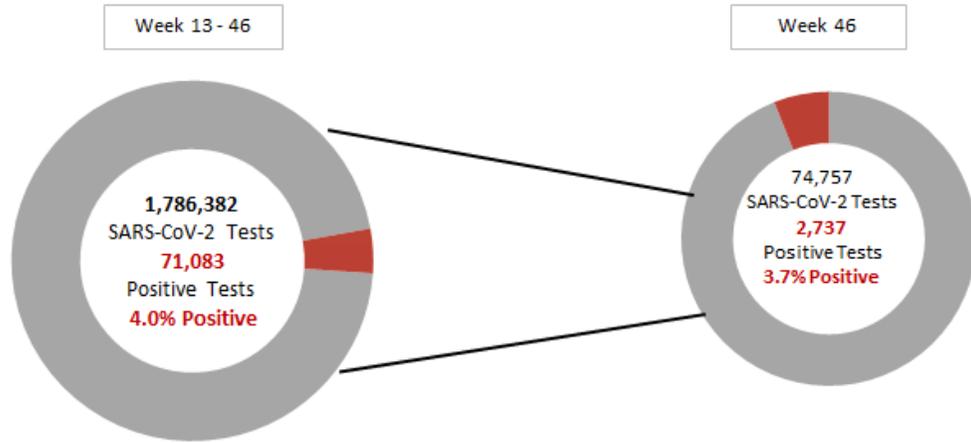
Figure 12a: Number of SARS-CoV-2 tests and positive tests* in Ireland between week 13 (22/03/2020 - 28/03/2020) to week 46 (08/11/2020 - 14/11/2020)

Figure 12b: Number of SARS-CoV-2 negative and positive tests* completed in Ireland between week 13 (22/03/2020 - 28/03/2020) to week 46 (08/11/2020 - 14/11/2020)

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

| 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
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	18	24	20	14	7
Not Admitted to ICU	10	42	150	373	553	474	393	265	233	118	77	70	40	29	11	5	7	7	3	9	5	4	7	10	8	27	25	30	65	65	72	162	169	229	169	193	169
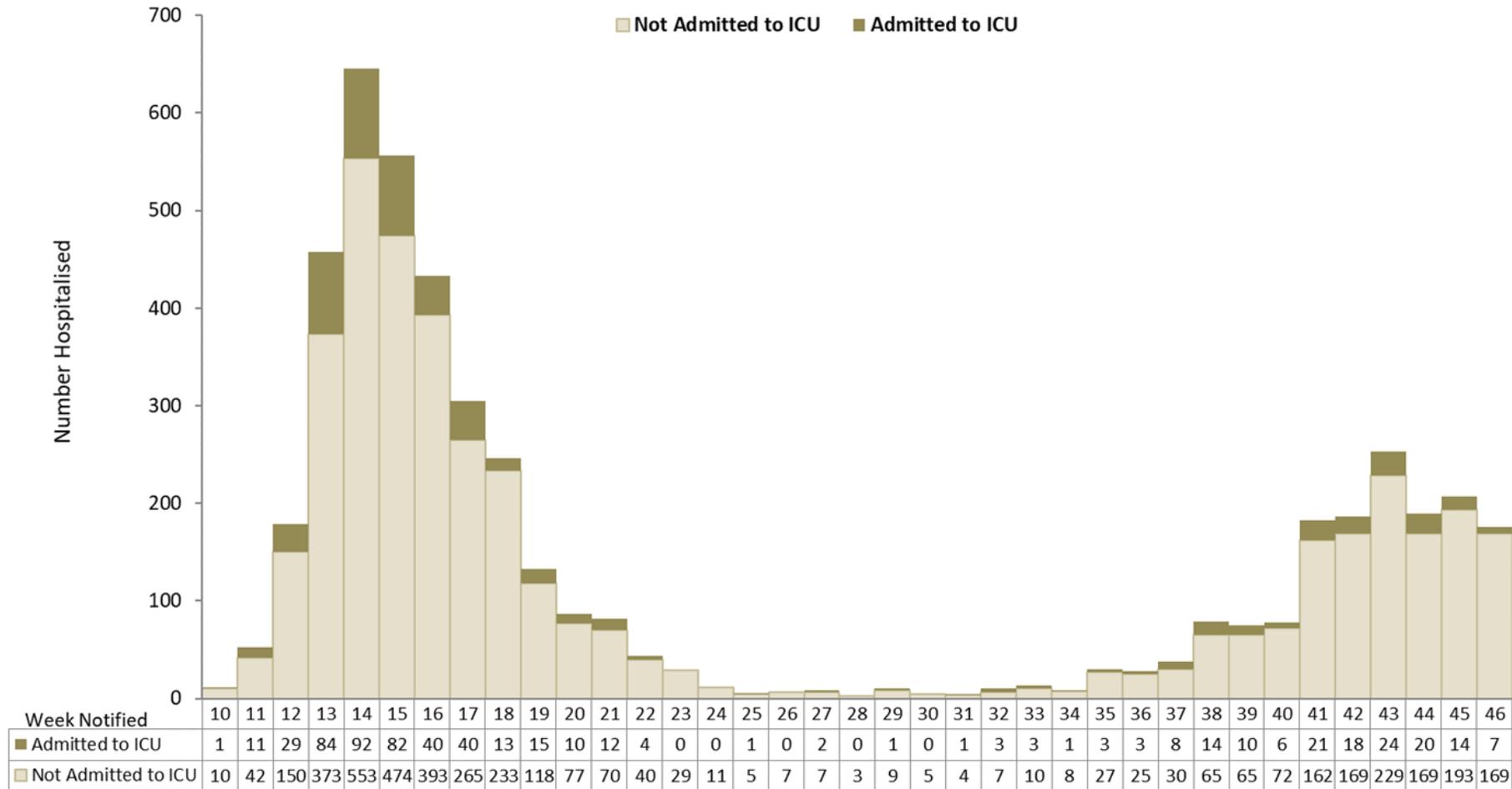
Figure 13: Number of hospitalised COVID-19 cases based on ICU admission status in Ireland up to week 46* (08/11/2020 - 14/11/2020)

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

Deaths among COVID-19 cases

	Number	Percent
Total number of deaths	1,984	
confirmed	1,725	86.9
probable	95	4.8
possible	164	8.3
Number hospitalised who died	877	44.2
admitted to ICU who died	125	6.3
not admitted to ICU who died	752	37.9
Number of imported cases who died	6	0.3
Number of HCWs who died	8	0.4
Number with underlying conditions who died	1,841	92.8
Males who died	1001	50.5
M:F ratio	1.02	
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 up to week 46 (08/11/2020 - 14/11/2020)
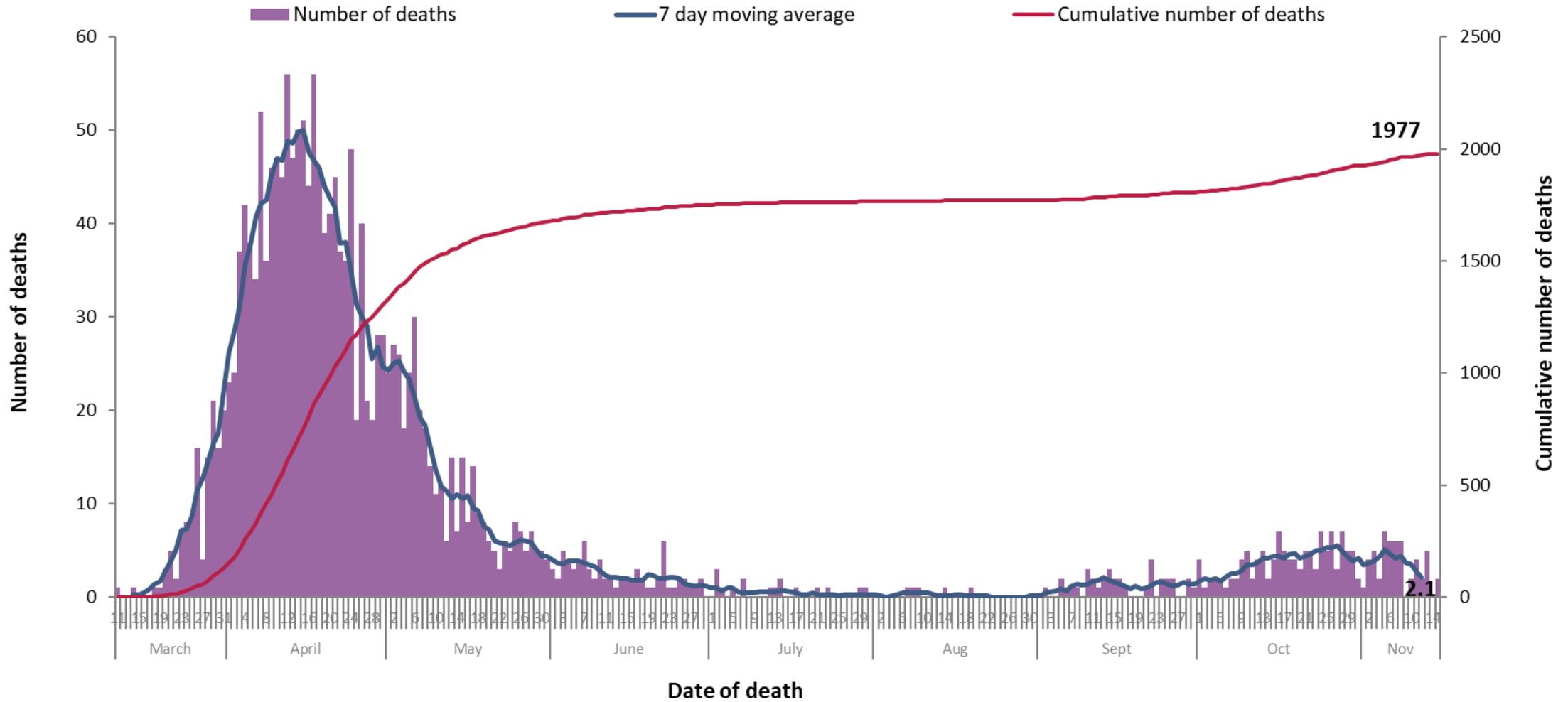
Figure 14a: Daily and 7-day moving average number of deaths among COVID-19 cases notified in Ireland by date of death and cumulative total up until week 46 (08/11/2020 - 14/11/2020) * Date of death is not yet available for six cases
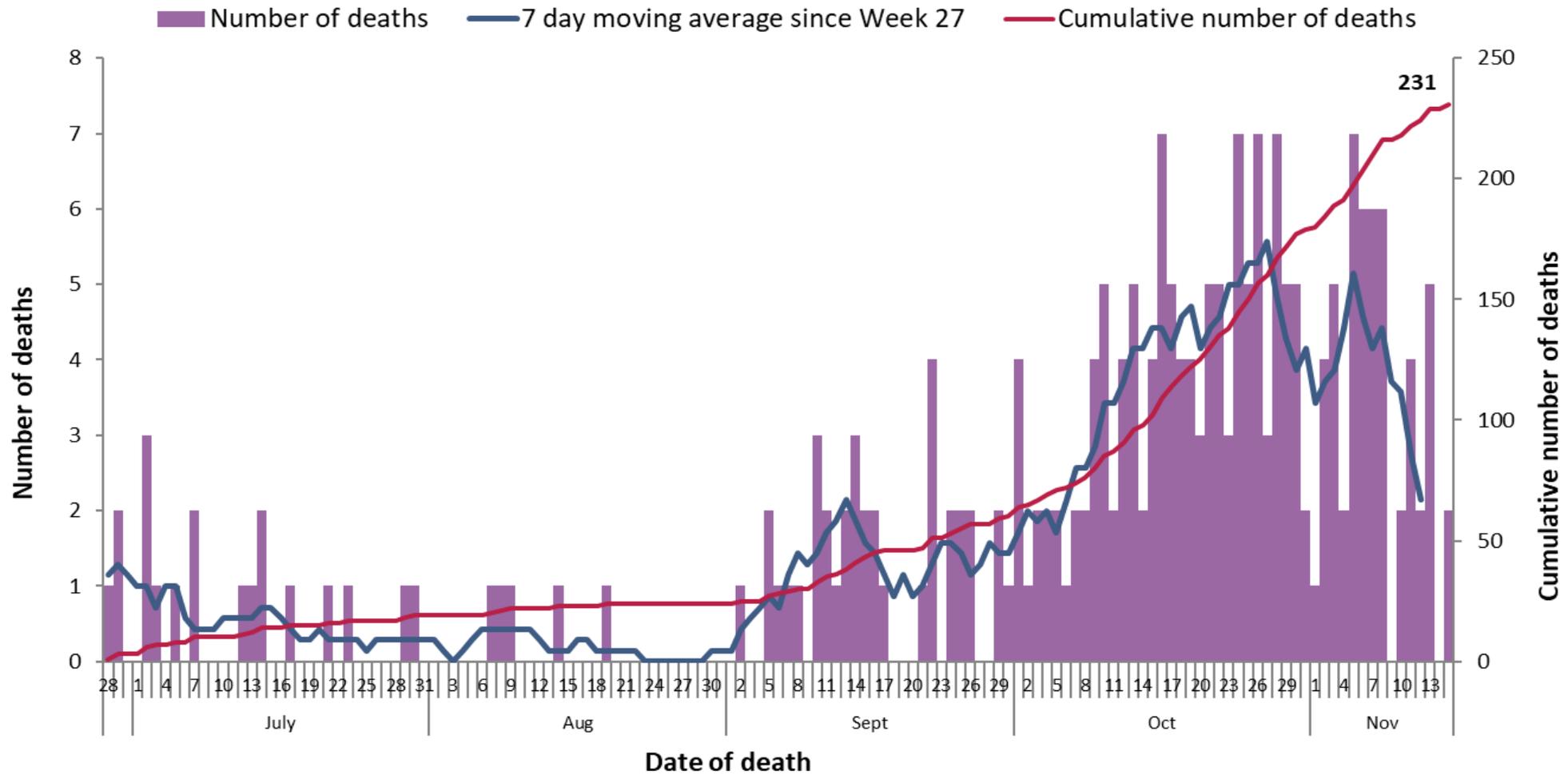
Figure 14b: Daily and 7-day moving average number of deaths among COVID-19 cases notified in Ireland by date of death and cumulative total, between week 27 (28/06/2020 - 04/07/2020) and week 46 (08/11/2020 - 14/11/2020)

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 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