Update for NPHET
23 rd July 2020

IEMAG

Daily Statistics - The following figures update daily at approximately 19.00

Total Confirmed	Daily Confirmed	Total Deaths	Daily Deaths
25,819	**17**	**1,754**	**1**

ICU Totals - The following figures update daily at approximately 11.00 and 18.45

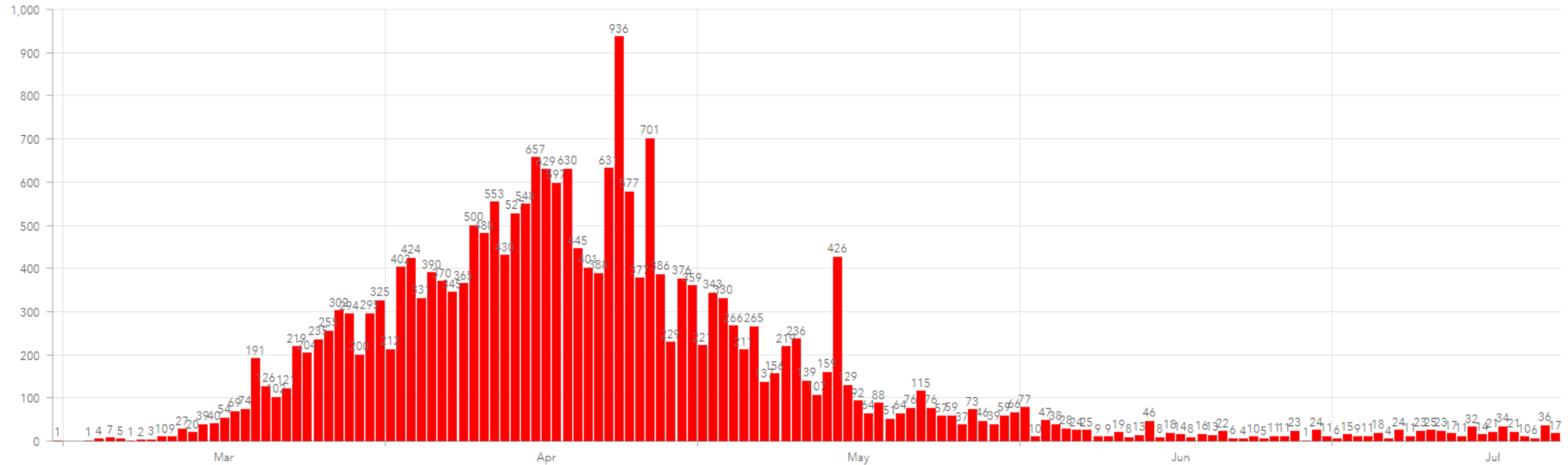| ICU Capacity % (% Occ Beds / Max Capacity)	COVID in ICU	Suspected COVID in ICU	New COVID Cases (Last 24hrs)	Susp. COVID Cases (Last 24hrs)	COVID Discharges (Last 24 hrs)	COVID in ICU (Ventilation)
67.7	**6**	**8**	**0**	**0**	**0**	**4**

Weekend effects on reporting

EPI week	Day of reporting		
	Sunday	Monday	Tuesday
Week 28 (5th -11th July)	18	4	24
Week 29 (12th -18th July)	17	11	32
Week 30 (19th -25th July)	9	6	36

Weekend effect seen over past three weeks

Cases over the fortnight to midnight 21/07/2020

287 cases notified – incidence 6.03/100,000 last 14 days
209 with epi date – incidence 4.39/100,000 last 14 days

Table 4: Number of confirmed COVID-19 cases by most likely transmission source notified from 08/07/2020 to midnight 21/07/2020

Most likely transmission source	Number of cases	Percent
Travel related	56	19.51%
Close contact with a known confirmed case	71	24.74%
Healthcare setting acquired: patient	8	2.79%
Healthcare setting acquired: staff	43	14.98%
Community transmission	80	27.87%
Under investigation	29	10.10%
Total	287	100.00%

Cases spread across 21 counties
11 of which had ≤5 cases

County	Cases
Dublin	166
Kildare	27
Cork	15
Meath	11
Wicklow	13
Galway	7
Donegal	6
Kerry	6
Louth	6
Waterford	6
Others	≤5

Age	No.
≤24	75
25-64	177
65+	34

Occupation	% of notified cases
Health and related workers	23%
Building and construction workers incl. Engineering	9%
Students incl. schoolchildren	6%
Not Specified/Not Stated	**47%**

CHO area 6: Dublin South East, Dun Laoghaire, Wicklow

CHO6	Latest date	Number of cases in past 14 days based on event date	14 day Incidence rates based on event date	Number of cases in past 14 days based on epi date	14 day incidence rates based on epi dates
All cases	20/07/2020	44	11.5	34	8.9
Excl. outbreaks	20/07/2020	24	6.3	18	4.7

CHO area 7: Dublin South Central, Dublin South West, Dublin West, Kildare and West Wicklow

CHO7	Latest date	Number of cases in past 14 days based on event date	14 day Incidence rates based on event date	Number of cases in past 14 days based on epi date	14 day incidence rates based on epi dates
All cases	20/07/2020	89	12.6	78	11.0
Excl. outbreaks	20/07/2020	62	8.8	56	7.9

CHO area 9: Dublin North West, Dublin North and Dublin North Central

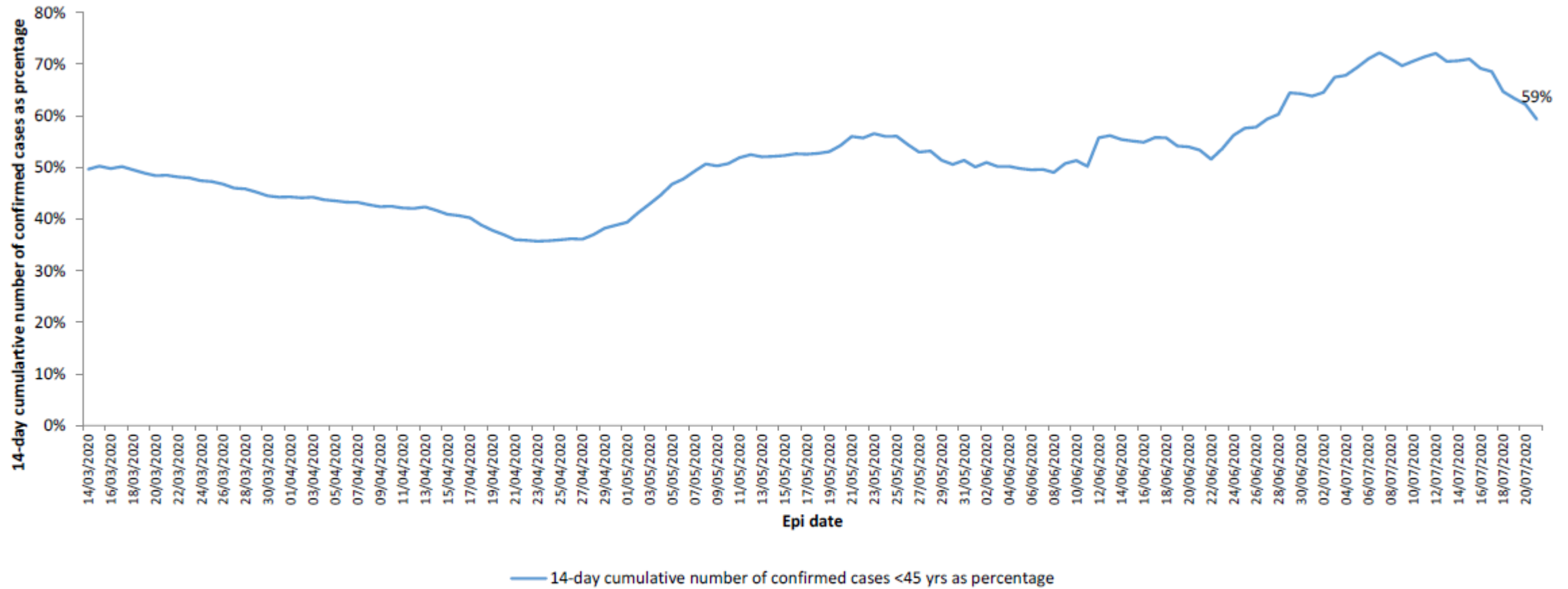| CHO9	Latest date	Number of cases in past 14 days based on event date	14 day Incidence rates based on event date	Number of cases in past 14 days based on epi date	14 day incidence rates based on epi dates
All cases	20/07/2020	66	10.6	55	8.9
Excl. outbreaks	20/07/2020	51	8.2	48	7.7

Figure 2: Fourteen-day cumulative number of confirmed COVID-19 cases <45 yrs notified to midnight July 21st for epi dates in the period March 14th to July 21st 2020, as percentage of all confirmed cases

Note: The number for the most recent days may adjust in the coming days as new cases are reported with epi dates in the current period

Data source: CIDR as of July 22nd at 13:35

Contact tracing data 05/07 - 19/07

Age Group	Average number of contacts
0-9	6.3
10-19	8.4
20-29	6.2
30-39	4.2
40-49	7.1
50-59	5.5
60-69	5.4
70-79	2.9
80+	5.0
Total	5.6

Outbreaks by setting/population

Number of outbreaks notified increased by 216 last week. 201 of these were associated with private households.

1 additional outbreak in a vulnerable group which occurred in April.

Table 1: Number of COVID-19 outbreaks notified in Ireland by outbreak setting and by closure status, up to midnight on Saturday 18/07/2020, N=2,145.

	Closed	Open	Total
Hospital	87	16	103
Nursing home	227	40	267
Community Hospital/Long-stay unit	28	2	30
Residential institution	160	13	173
Private house	1343	71	1414
Workplace	39	10	49
Travel related	23	5	28
Extended family	31	5	36
Community outbreak	11	3	14
Hotel	2	0	2
Public house	4	1	5
Restaurant / Café	1	1	2
Retail outlet	4	0	4
Other	10	2	12
Unknown	1	0	1
Not specified*	5	0	5
Total	**1976**	**169**	**2145**

*Outbreak setting is under investigation with the relevant public health departments

Table 3. Number of COVID-19 outbreaks in settings involving vulnerable populations, including the Roma community, Irish Traveller community, outbreaks in Direct Provision Centres, facilities for the homeless/those with addiction issues and prisons notified up to midnight on 18/07/2020 and laboratory confirmed cases linked to these outbreaks. *Data source: CIDR*

Vulnerable populations	Number of outbreaks notified			Laboratory confirmed cases linked to outbreaks				
	Week 29	Week10-29	Number open	Cases notified in week 29 2020	Total cases	Total hospitalised cases	Total ICU cases	Total number dead
Roma community	0	4	1	0	42	10	5	4
Irish Traveller community	0	8	2	0	65	4	2	0
Direct provision centres	1	17	0	2	184	12	0	0
Homeless^ / those with addiction issues	0	4	0	0	15	5	1	2
Prisons	0	6	0	0	24	2	0	0
Total	**1**	**39**	**3**	**2**	**330**	**33**	**8**	**6**

^ this includes some facilities that provide long term supported accommodation. Also includes staff of homeless facilities.

Data source: CIDR

COVID-19 Hospitalisations

Total Confirmed COVID-19 Cases			Total Confirmed COVID-19 Cases (past 24hrs)			Suspected Cases Awaiting Results			Profile of C-19 Positive (8am - Last 24hrs)		
8am	2pm	8pm	8am	2pm	8pm	8am	2pm	8pm	New Admissions	Discharges	Deceased
14	13	14	2	3	1	189	164	141	3	0	2

New COVID-19 Cases in Acute Hospitals - Last 24 Hours
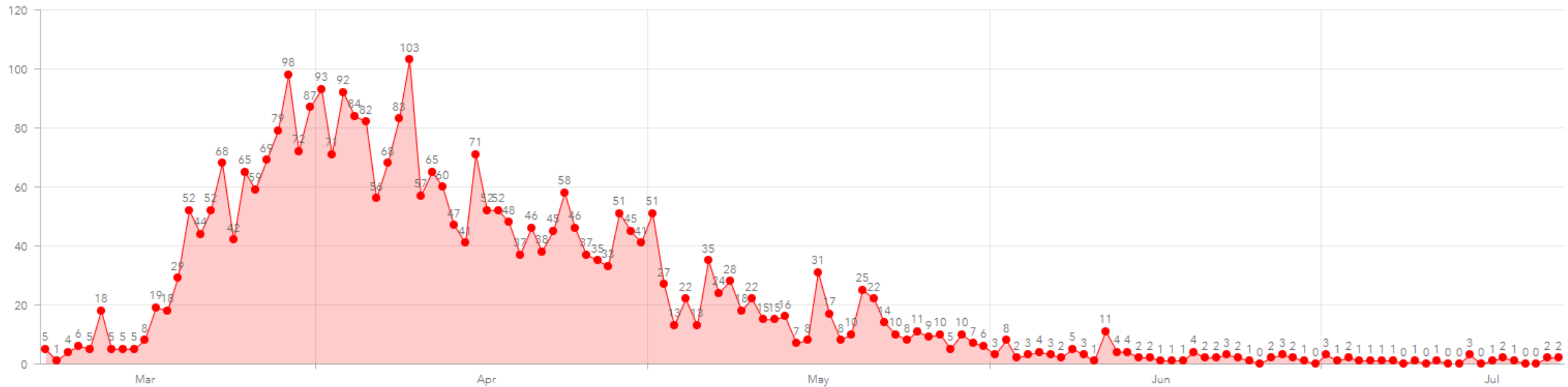
ICU

14 cases; 6 confirmed and 8 suspect cases
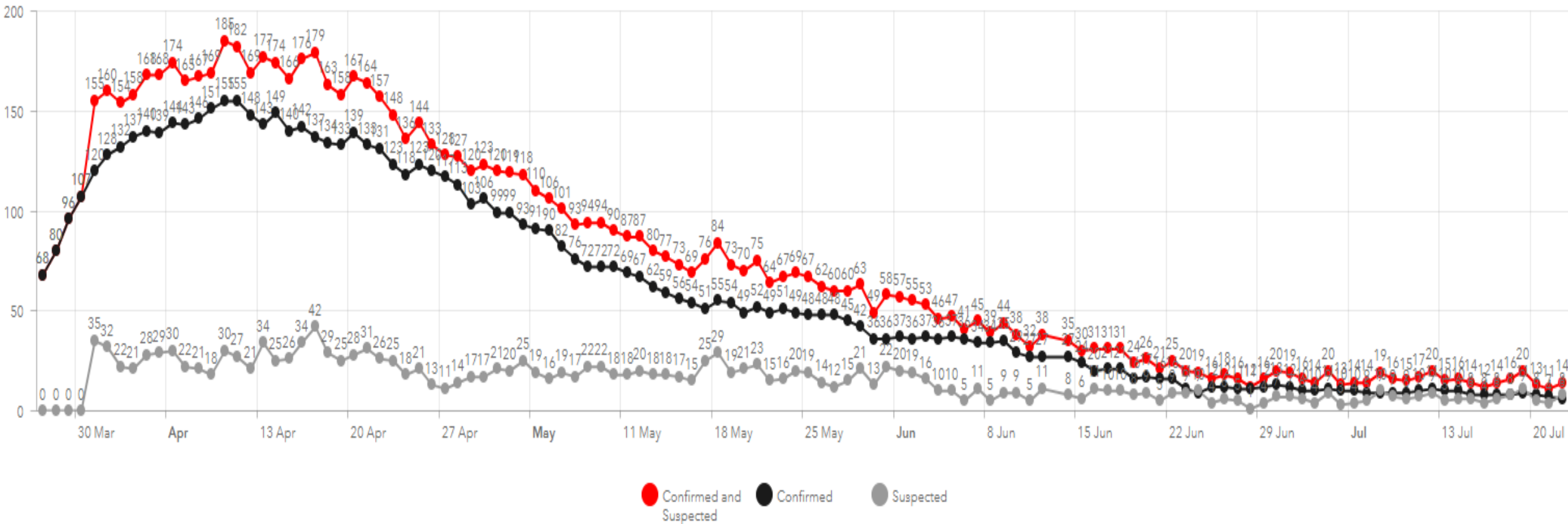
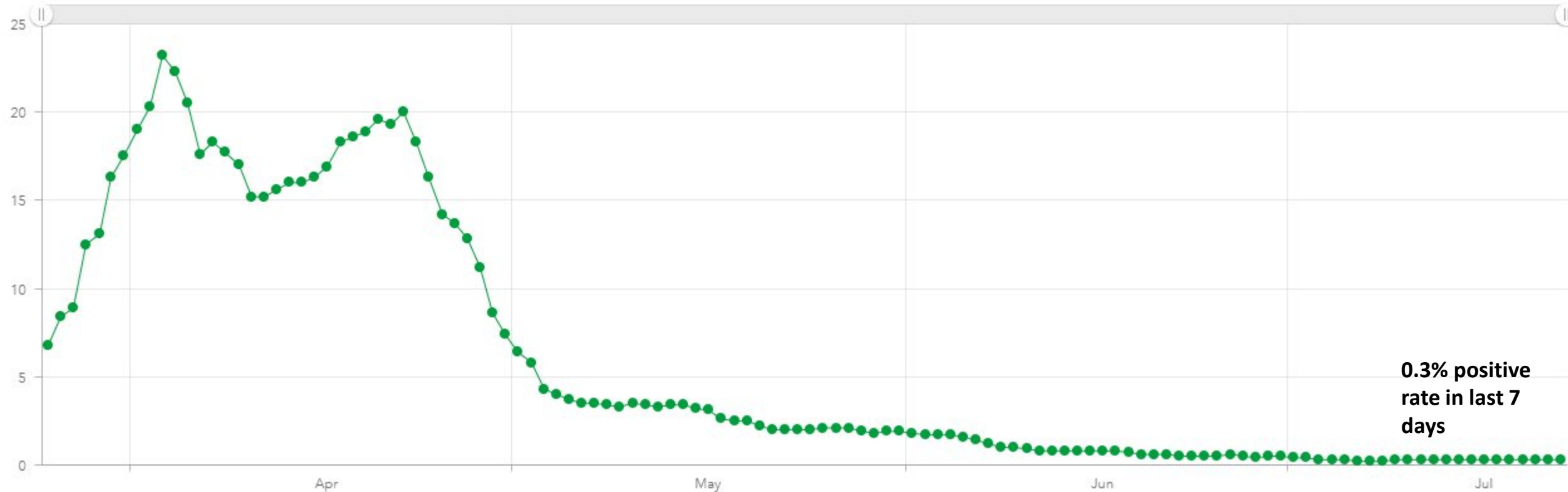| Total Tests Completed	Total Positive Tests	Positive Rate (%)	Tests Completed	Tests Completed
579,088	29,017	5	4,599	51,342
		All Tests Completed	in last 24 Hours	in last 7 Days

0.3% positive rate in last 7 days

Close Contacts

Average number per case last 7 days – 5.4

Median number per case last 7 days – 4.5

Referral to appointment 0.9 days

Swab to lab result overall 1.1 day (Community 1.2 days, Hospital 0.5 days)

Time to complete contact tracing – 0.9 days

End to end – referral to completion of contact tracing 1.85 days

# Age specific sentinel GP ILI consultation rate per 100,000 population by week

| 0-4 years | 5-14 years | 15-64 years | ≥ 65 years |

Week	Reporting Population	ILI number	National rate_per_100000	#Practices	# Practitioners	% Practices Reporting
28	280,463	18	6.4	56	145	98.2
29	248,900	17	6.8	47	127	82.6

Week	0-4 years	5-14 years	15-64 years	≥ 65 years
28	5.1	2.5	7.6	5.3
29	0.0	0.0	9.2	6.0

	28	29
HSE-E	12.4	18.8
HSE-M	0	0
HSE-MW	4.7	6.3
HSE-NE	0	0
HSE-NW	13.6	6.8
HSE-SE	0	0
HSE-S	17.8	6.7
HSE-W	0	0
National ILI rate	6.4	6.8

ILI rate per 100,000 population

Week Number

Summer 2019   2019/2020   Summer 2020
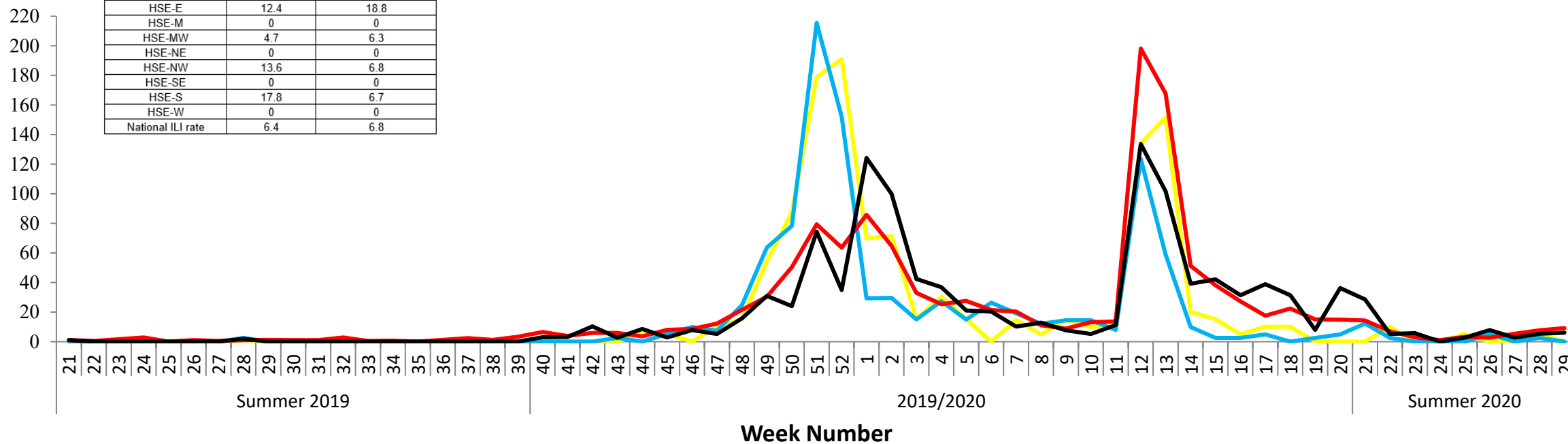
Summary

- Globally the pandemic is continuing to accelerating in both numbers of cases and deaths.

- 14.8 million cases total. Increase of over 1.6 million in 7 days – 11% increase

- 53% of cases from the Americas. The Americas have the highest incidence of all continents (7,630 cases per 1 million population vs 3,345 cases per 1 million population in Europe).

- Many countries have no or very limited testing

- Considerable uncertainty regarding future course of the disease for some countries and regions.

- Information quality issues may impact our ability to fully understand the situation aboard.

Summary

       ICU Admissions stable
      Case count stable
      Hospital admissions stable
      Deaths stable
      Testing positivity rate stable
      Growth rate stable

Emerging Notes of caution

      Reproductive number variable , above or close to 1.
      14 day incidence increased versus last week
      High proportion of cases in young people
      Ongoing proportion of travel-associated cases and clusters
      ? Complexity of cases increasing