

This report includes data as of 6th October 2020 at 9:15 am for events created on the national infectious disease surveillance system (CIDR) up to midnight Monday 5th October 2020. CIDR is a dynamic information system and data are continuously validated and updated.

Healthcare worker definition

Healthcare worker (HCW) status is determined both by self-classification and workplace. The definition includes anyone who self- identifies as a HCW irrespective of where they work. In addition, all staff that work in any healthcare facility (includes cleaners, household staff etc.) are classified as HCWs. The category includes healthcare workers employed both by public and private providers.

Summary

Table 1: Summary of healthcare worker COVID-19 cases to midnight October 5th 2020

Characteristic of HCW COVID-19 cases	Number	%
Total number of COVID-19 cases	39,455	-
Total number of HCW cases	9,470	24.0
Number of new HCW cases reported between 29th September– 5th October (since last week's report)	205	-
Median age (IQR[^])	41 (31-50) years	-
Total number hospitalised	334	3.5
The median age (IQR) of hospital inpatient	46 (34-53) years	
Total number admitted to intensive care units (ICU)	57	17.1*
The median age (IQR) of HCW in ICU	51 (43-60) years	-
Total number of deaths	8**	0.08
The median age (range) for deaths	54 (30-68) years	-

[^] Interquartile range, *This relates to hospitalised cases and is 0.6% of all HCW cases.

**Seven confirmed and 1 probable COVID-19 case.

There was a total of 39,455 COVID-19 cases reported as of 05/10/2020 12.00 midnight, 9,470 (24.0%) were healthcare workers (HCWs).

The median age of HCW COVID-19 cases is 41 years (range 17-78 years). The proportion of females is disproportionately high (74.3%) among HCW COVID-19 cases compared to non-HCW COVID-19 cases (48.4%), most likely due to some HCW specialities e.g. nursing, being female dominated. The majority (58.3%) of notified HCW cases were from the HSE East region.

COVID-19 cases in Healthcare Workers – 14 day report 22/09/2020-05/10/2020

Cases

There were 344 healthcare workers (HCW) notified to CIDR in the 14-day period between 22/09/2020 and 05/10/2020. One hundred and thirty one of these HCW cases (38.1%) are reported as residing in Dublin. (Figure 1)

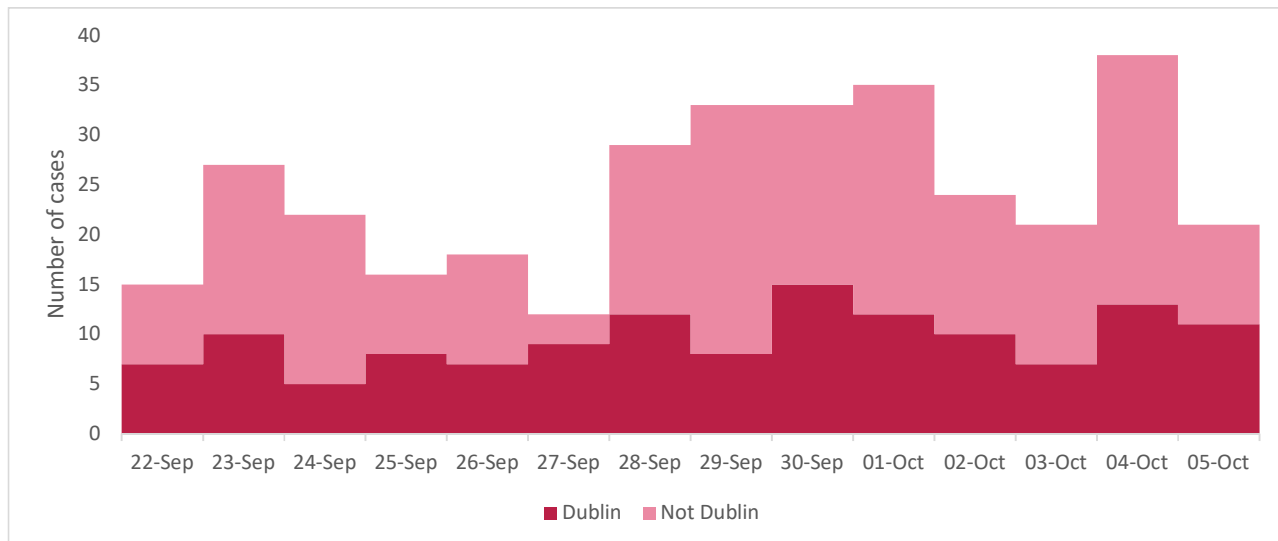


Figure 1 HCW COVID-19 cases by county of residence (Dublin, outside Dublin), 22/09/2020-05/10/2020

Table 2 describes the demographics of all HCW COVID-19 cases notified to CIDR during the 14-day period 22/09/2020-05/10/2020.

Table 3 describes the ethnicity and country of birth of all HCW COVID-19 cases notified to CIDR during the 14 day period 22/09/2020 – 05/10/2020.

Table 2 Healthcare worker COVID-19 cases, by sex, age-group, HCW role and work location, Ireland, 22/09/2020 - 05/10/2020

Total number of cases		N=344	%
Females		271	78.8%
Age-group			
	15-24 yrs	44	12.8%
	25-34 yrs	92	26.7%
	35-44 yrs	75	21.8%
	45-54 yrs	76	22.1%
	55-64 yrs	49	14.2%
	65-74 yrs	8	2.3%
HCW Role			
	Healthcare assistant	84	24.4%
	Nurse	82	23.8%
	Admin/Clerical worker in a healthcare facility	19	5.5%
	Catering/Kitchen worker	14	4.1%
	Doctor	14	4.1%
	Homecare	12	3.5%
	Social Worker	12	3.5%
	Radiographer	8	2.3%
	Physiotherapist	6	1.6%
	Other *	31	9.2%
	Unknown	62	18.0%
Location of HCW role			
	Nursing Home	89	25.9%
	Acute Hospital	88	25.6%
	Community services	23	6.7%
	Community Hospital/LSU	18	5.2%
	Centre for Disabilities	10	2.9%
	Mental Health Facility	7	2.0%
	Other HCW place of work**	43	12.5%
	Unknown	66	19.2%
Mode of transmission			
	Community transmission	90	26.1%
	Close contact with a known confirmed case	83	24.1%
	Healthcare setting acquired: staff	56	16.3%
	Healthcare setting acquired: patient	11	3.2%
	Travel related	4	1.2%
	Unknown	100	29.1%

*e.g. porter, support worker, pharmacy worker, optometrist, paramedic** place of work with one case only e.g. private practice/clinic/home care/health care centre/working from home.

Table 3 Healthcare worker COVID-19 cases, by ethnicity and country of birth, Ireland, 22/09/2020 - 05/10/2020

Total number of cases		N=344	%
Ethnicity	White	198	57.5%
	Black African	19	5.5%
	Indian subcontinent	17	4.9%
	Other	11	3.3%
	Unknown	99	28.8%
Country of birth	Ireland	166	48.2%
	India	15	4.4%
	Philippines	8	2.3%
	Nigeria	7	2.0%
	Other countries	39	11.4%
	Unknown	109	31.7%

Outbreaks

There were 138 HCW cases (40.1%) nationally linked to 93 outbreaks.

Table 4 describes the outbreaks associated with HCW COVID-19 cases that were notified in the 14-day time period 22/09/2020 – 05/10/2020.

Table 4 COVID-19 Outbreaks and associated HCW COVID-19 cases, Ireland, 22/09/2020-05/10/2020

		outbreaks N=93	cases associated N=138
Outbreak location	Private House	51	51
	Nursing Home	13	36
	Hospital	8	20
	Residential Institution	7	11
	Social gathering	4	<5
	Community outbreak	2	<5
	Community hospital	1	<5
	Healthcare facility	1	<5
	Hotel	1	<5
	Public House	1	<5
	Other	4	8
Total		93	138

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, Academy of Med Lab Scientists, microbiologists and administrative staff.