

This report includes data as of 29th September 2020 at 9:15 am for events created on the national infectious disease surveillance system (CIDR) up to midnight Monday 28th September 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 September 28th 2020

Characteristic of HCW COVID-19 cases	Number	%
Total number of COVID-19 cases	36,217	-
Total number of HCW cases	9,225	25.5
Number of new HCW cases reported between 21st – 28th September (since last week's report)	103	-
Median age (IQR[^])	41 (31-50) years	-
Total number hospitalised	332	3.6
The median age (IQR) of hospital inpatient	46 (34-53) years	
Total number admitted to intensive care units (ICU)	57	17.2*
The median age (IQR) of HCW in ICU	51 (43-60) years	-
Total number of deaths	8**	0.09
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 36,217 COVID-19 cases reported as of 28/09/2020 12.00 midnight, 9,225 (25.5%) 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 (74.2%) among HCW COVID-19 cases compared to non-HCW COVID-19 cases (48.5%), most likely due to some HCW specialities e.g. nursing, being female dominated. The majority (58.7%) of notified HCW cases were from the HSE East region.

COVID-19 cases in Healthcare Workers – 14 day report 15/09/2020-28/09/2020

Cases

There were 233 healthcare workers (HCW) notified to CIDR in the 14-day period between 15/09/2020 and 28/09/2020. Over half of these HCWs, 125 (53.6%) are reported as residing in Dublin. (Figure 1)

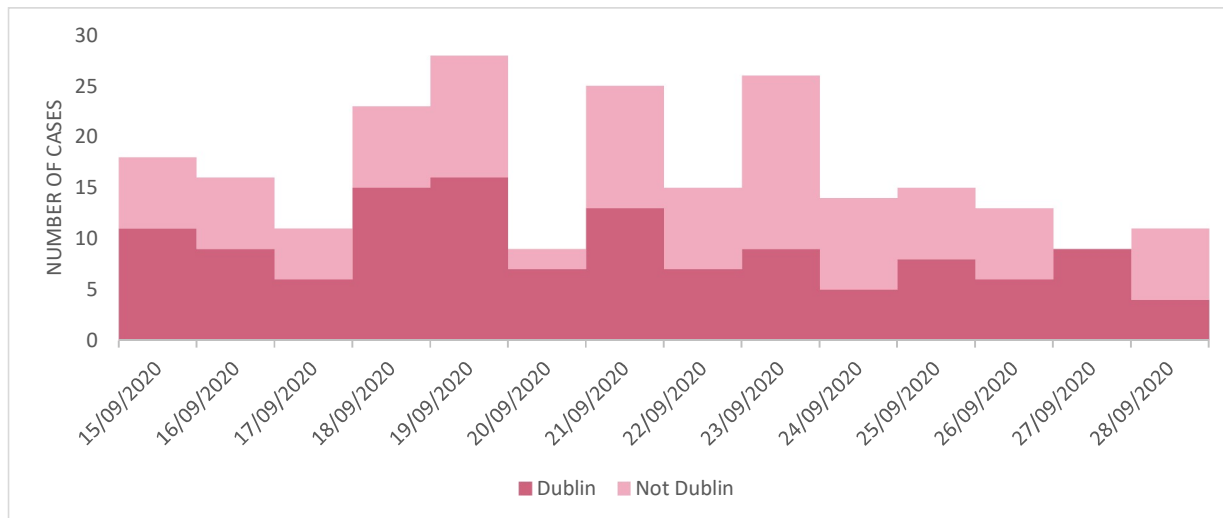


Figure 1 HCW COVID-19 cases by county of residence (Dublin, outside Dublin), 15/09/2020-28/09/2020

Table 2 describes the demographics of all HCW COVID-19 cases notified to CIDR during the 14-day period 15/09/2020-31/09/2020.

Table 3 describes the ethnicity and country of birth of all HCW COVID-19 cases notified to CIDR during the 14 day period 15/09/2020 – 28/09/2020.

Table 2 Healthcare worker COVID-19 cases, by sex, age-group, HCW role and work location, Ireland, 15/09/2020 - 28/09/2020

Total number of cases		N=233	%
Females		190	81.5%
Age-group			
	15-24 yrs	28	12.0%
	25-34 yrs	61	26.2%
	35-44 yrs	58	24.9%
	45-54 yrs	54	23.2%
	55-64 yrs	27	11.6%
	65-74 yrs	5	2.1%
HCW Role			
	Nurse	63	27.0%
	Health care assistant	57	24.5%
	Administrative staff	14	6.0%
	Doctor	12	5.2%
	Social Care/Social Worker/Support worker	11	4.7%
	Homecare	10	4.3%
	Pharmacy worker	9	3.9%
	Catering	8	3.4%
	Other *	24	10.3%
	Unknown	25	10.7%
Location of HCW role			
	Acute Hospital	63	27.0%
	Nursing Home	50	21.5%
	Community services	27	11.6%
	Centre for Disabilities	10	4.3%
	Community Hospital/LSU	8	3.4%
	Other HCW place of work**	44	18.9%
	Unknown	31	13.3%
Mode of transmission			
	Close contact with a known confirmed case	91	39.0%
	Community transmission	69	29.6%
	Healthcare setting acquired: staff	36	15.4%
	Healthcare setting acquired: patient	11	4.7%
	Travel related	5	2.1%
	Unknown	21	9.0%

*psychologist, medical scientist, addiction and homeless services, community service ** 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, 15/09/2020 - 28/09/2020

Total number of cases		N=233	%
Ethnicity	White	154	66.1%
	Black African	18	7.7%
	Indian subcontinent	16	6.9%
	Other	14	6.0%
	Unknown	31	13.3%
Country of birth	Ireland	141	60.5%
	India	13	5.6%
	Nigeria	11	4.7%
	Other countries	30	12.9%
	Unknown	38	16.3%

Outbreaks

There were 96 HCW cases (41.2%) nationally linked to 80 outbreaks.

Table 4 describes the outbreaks associated with HCW COVID-19 cases that were notified in the 14-day time period 15/09/2020 – 28/09/2020.

Table 4 COVID-19 Outbreaks and associated HCW COVID-19 cases, Ireland, 15/09/2020-28/09/2020

		outbreaks N=80	cases associated N=96
Outbreak location	Hospital	2	<5
	Community hospital	1	<5
	Nursing Home	3	8
	Residential Institution	4	5
	Private House	60	60
	Community outbreak	1	<5
	Extended family	2	<5
	Healthcare facility	1	<5
	Hotel	1	5
	Restaurant / Cafe	1	<5
Other	4	5	
Total		80	96

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.