

This report includes data as of 22nd September 2020 at 9:40 am for events created on the national infectious disease surveillance system (CIDR) up to midnight Monday 21st 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 21st 2020

Characteristic of HCW COVID-19 cases	Number	%
Total number of COVID-19 cases	33,916	-
Total number of HCW cases	9,102	26.7
Number of new HCW cases reported between 15th – 21th September (since last week's report)	112	-
Median age (IQR[^])	41 (31-50) years	-
Total number hospitalised	331	3.6
The median age (IQR) of hospital inpatient	47 (34-54) years	
Total number admitted to intensive care units (ICU)	56	16.9*
The median age (IQR) of HCW in ICU	51 (44-60) years	-
Total number of deaths	8**	0.1
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 33,916 COVID-19 cases reported as of 21/09/2020 12.00 midnight, 9,102 (26.7%) were healthcare workers (HCWs).

The median age of HCW COVID-19 cases is 41 years (range 17-80 years). The proportion of females is disproportionately high (74.1%) 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 (58.8%) of notified HCW cases were from the HSE East region.

COVID-19 cases in Healthcare Workers – 14 day report 08/09/2020-21/09/2020

Cases

There were 222 healthcare workers (HCW) notified to CIDR in the 14-day period between 08/09/2020 and 21/09/2020. One-hundred and forty-one (63.5%) of these HCWs reside in Dublin.

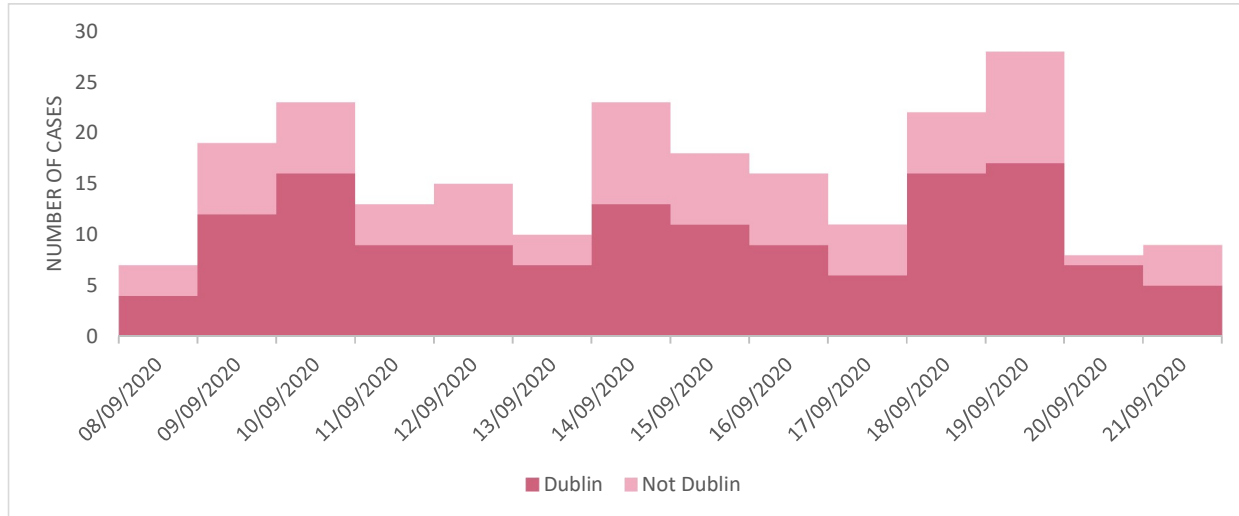


Figure 1 HCW COVID-19 cases by county of residence (Dublin, not Dublin), 08/09/2020-21/09/2020

Table 2 describes the demographics of all HCW COVID-19 cases notified to CIDR during the 14-day period 08/09/2020-21/09/2020.

Table 3 describes the ethnicity and country of birth of all HCW COVID-19 cases notified to CIDR during the 14 day period 08/09/2020 – 21/09/2020.

Table 2 Healthcare worker COVID-19 cases, by sex, age-group, HCW role and work location, Ireland, 08/09/2020 - 21/09/2020

Total number of cases		N=222	%
Females		179	80.6%
Age-group			
	15-24 yrs	28	12.6%
	25-34 yrs	56	25.2%
	35-44 yrs	51	23.0%
	45-54 yrs	56	25.2%
	55-64 yrs	27	12.2%
	65-74 yrs	4	1.8%
HCW Role			
	Health care assistant	57	25.7%
	Nurse	54	24.3%
	Admin staff	21	9.5%
	Doctor	11	5.0%
	Pharmacy worker	9	4.1%
	Catering	8	3.6%
	Homecare	8	3.6%
	Social Care/Social Worker/Support worker	5	2.3%
	Other *	20	9.1%
	Unknown	29	13.1%
Location of HCW role			
	Acute hospital	61	27.5%
	Nursing Home	38	17.1%
	Community Services	22	9.9%
	Centre for Disabilities	11	5.0%
	Mental Health Facility	8	3.6%
	Community Hospital/LSU	7	3.2%
	GP surgery	5	2.3%
	Other HCW place of work**	35	15.8%
	Unknown	35	15.8%
Mode of transmission			
	Close contact with a known confirmed case	91	41.0%
	Community transmission	61	27.5%
	Healthcare setting acquired: staff	44	19.8%
	Healthcare setting acquired: patient	13	5.9%
	Travel related	7	3.2%
	Unknown	6	2.7%

*psychologist, medical scientist, nursing home provider ** roles 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, 08/09/2020 - 21/09/2020

Total number of cases		N=222	%
Ethnicity	White	148	66.7%
	Black African	23	10.4%
	Indian subcontinent	14	6.3%
	Other	16	7.3%
	Unknown	21	9.5%
Country of birth	Ireland	125	56.3%
	Nigeria	18	8.1%
	India	12	5.4%
	Philippines	7	3.2%
	Other countries	30	13.5%
	Unknown	30	13.5%

Outbreaks

There were 100 HCW cases (45.0%) nationally linked to 77 outbreaks.

Table 4 describes the outbreaks associated with HCW COVID-19 cases that were notified in the 14-day time period 08/09/2020 – 21/09/2020.

Table 4 COVID-19 Outbreaks and associated HCW COVID-19 cases, Ireland, 08/09/2020-21/09/2020

		Outbreaks N=77	Cases associated N=100
Outbreak location	Hospital	4	10
	Nursing Home	7	16
	Residential Institution	6	8
	Private House	46	46
	Community outbreak	1	<5
	Travel	1	<5
	Extended family	3	<5
	Workplace	3	<5
	Hotel	1	6
	Other	5	5
Total		77	100

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.