

This report includes data as of 15th September 2020 at 9:15 am for events created on the national infectious disease surveillance system (CIDR) up to midnight Monday 14th 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 14th 2020

Characteristic of HCW COVID-19 cases	Number	%
Total number of COVID-19 cases	32,020	-
Total number of HCW cases	8,976	27.9
Number of new HCW cases reported between 6th – 14th September (14-day period)	131	-
Median age (IQR[^])	41 (31-50) years	-
Total number hospitalised	329	3.6
The median age (IQR) of hospital inpatient	47 (34-54) years	
Total number admitted to intensive care units (ICU)	55	16.7*
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 32,020 COVID-19 cases reported as of 14/09/2020 12.00 midnight, 8,976 (27.9%) 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 (74.0%) 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 01/09/2020-14/09/2020

Cases

There were 228 healthcare workers (HCW) notified to CIDR in the 14-day period between 01/09/2020 and 14/09/2020. One-hundred and thirty-three (56.8%) of these HCWs reside in Dublin.

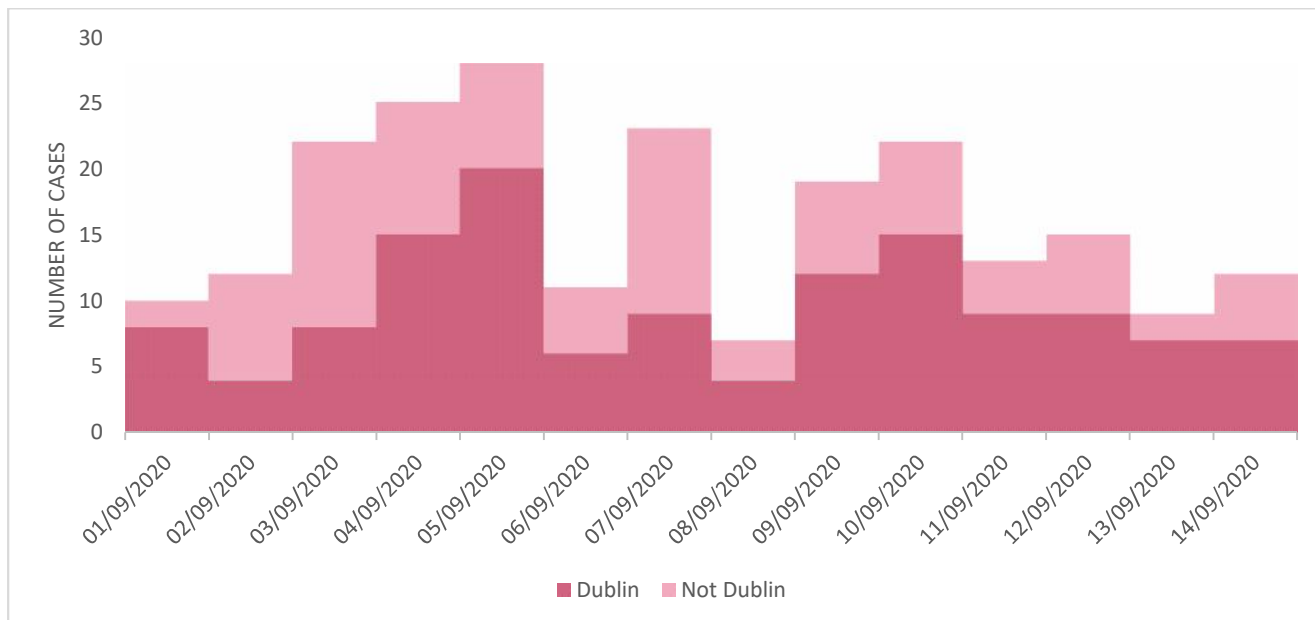


Figure 1 HCW COVID-19 cases by county of residence (Dublin, not Dublin), 01/09/2020-14/09/2020

Table 2 describes the demographics of all HCW COVID-19 cases notified to CIDR during the 14-day period 01/09/2020-14/09/2020.

Table 3 describes the ethnicity and country of birth of all HCW COVID-19 cases notified to CIDR during the 14 day period 01/09/2020 – 14/09/2020.

Table 2 Healthcare worker COVID-19 cases, by sex, age-group, HCW role and work location, Ireland, 01/09/2020 - 14/09/2020

Total number of cases		N=228	%
Females		173	75.9%
Age-group			
	15-24 yrs	32	14.0%
	25-34 yrs	60	26.3%
	35-44 yrs	42	18.4%
	45-54 yrs	66	28.9%
	55-64 yrs	22	9.6%
	65-74 yrs	6	2.6%
HCW Role			
	HCA	67	31.8%
	Nurse	66	31.3%
	Admin staff	18	8.5%
	Doctor	11	5.2%
	Social Care/Social Worker/Support worker	11	5.2%
	Catering	10	4.7%
	Homecare	8	3.8%
	Cleaning staff	5	2.4%
	Maintenance Worker	5	2.4%
	Other*	10	4.7%
	Unknown	17	8.1%
Location of HCW role			
	Nursing Home	63	27.6%
	Acute hospital	56	24.6%
	Community Services	22	9.6%
	Mental Health Facility	8	3.5%
	Community Hospital/LSU	8	3.5%
	Centre for Disabilities	5	2.2%
	GP surgery	5	2.2%
	Other HCW location**	34	14.9%
	Unknown	27	11.8%
Mode of transmission			
	Close contact	82	36.0%
	Community Transmission	64	28.1%
	Healthcare setting acquired: staff	59	25.9%
	Healthcare setting acquired: patient	7	3.1%
	Travel related	9	4.0%
	Unknown	7	3.1%

*porter, radiographer, optometrist **private practice/clinic/home care/health care centre.

Table 3 Healthcare worker COVID-19 cases, by ethnicity and country of birth, Ireland, 01/09/2020 - 14/09/2020

Total number of cases		N=228	%
Ethnicity	White	132	57.9%
	Black African	25	11.0%
	Indian subcontinent	23	10.1%
	Other	19	8.3%
	Unknown	29	12.7%
Country of birth	Ireland	111	48.7%
	India	19	8.3%
	Nigeria	17	7.5%
	Philippines	11	4.8%
	Brazil	5	2.2%
	United Kingdom	5	2.2%
	Other countries	32	14.0%
	Unknown	28	12.3%

Outbreaks

There were 87 HCW cases (38.1%) nationally linked to 45 outbreaks.

Table 4 describes the outbreaks associated with HCW COVID-19 cases that were notified in the 14-day time period 01/09/2020 – 14/09/2020.

Table 4 COVID-19 Outbreaks and associated HCW COVID-19 cases, Ireland, 01/09/2020-14/09/2020

		Outbreaks N= 45	HCW cases associated N= 87
Outbreak location	Hospital	4	17
	Nursing Home	4	24
	Residential Institution	6	9
	Private House	19	22
	Community outbreak	2	<5
	Travel	2	<5
	Extended family	2	<5
	Workplace	1	<5
	Other	5	5
Total	45	87	

Acknowledgements

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