

This report includes data as of 13<sup>th</sup> October 2020 at 9:15 am for events created on the national infectious disease surveillance system (CIDR) up to midnight Monday 12<sup>th</sup> 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 12<sup>th</sup> 2020

Characteristic of HCW COVID-19 cases	Number	%
<b>Total number of COVID-19 cases</b>	44,668	-
<b>Total number of HCW cases</b>	9,756	21.8
<b>Number of new HCW cases reported between 6<sup>th</sup> -12<sup>th</sup> October (since last week's report)</b>	238	-
<b>Median age (IQR<sup>^</sup>)</b>	41 (31-50) years	-
<b>Total number hospitalised</b>	340	3.5
<b>The median age (IQR) of hospital inpatient</b>	46 (34-53) years	
<b>Total number admitted to intensive care units (ICU)</b>	57	16.8*
<b>The median age (IQR) of HCW in ICU</b>	51 (43-60) years	-
<b>Total number of deaths</b>	8**	0.08
<b>The median age (range) for deaths</b>	54 (30-68) years	-

<sup>^</sup> 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 44,668 COVID-19 cases reported as of 12/10/2020 12.00 midnight, 9,756 (21.8%) were healthcare workers (HCWs).

The median age of HCW COVID-19 cases is 41 years (range 17-78 years). The number of female cases is disproportionately high (74.5%) among HCW COVID-19 cases compared to non-HCW COVID-19 cases (48.2%), most likely due to some HCW specialities e.g. nursing, being female dominated. The majority (57.6%) of notified HCW cases were from the HSE East region.

## COVID-19 cases in Healthcare Workers – 14 day report 29/09/2020-12/10/2020

### Cases

There were 476 healthcare workers (HCW) notified to CIDR in the 14-day period between 29/09/2020 and 12/10/2020. One hundred and fifty four of these HCW cases (32.4%) are reported as residing in Dublin. (Figure 1)

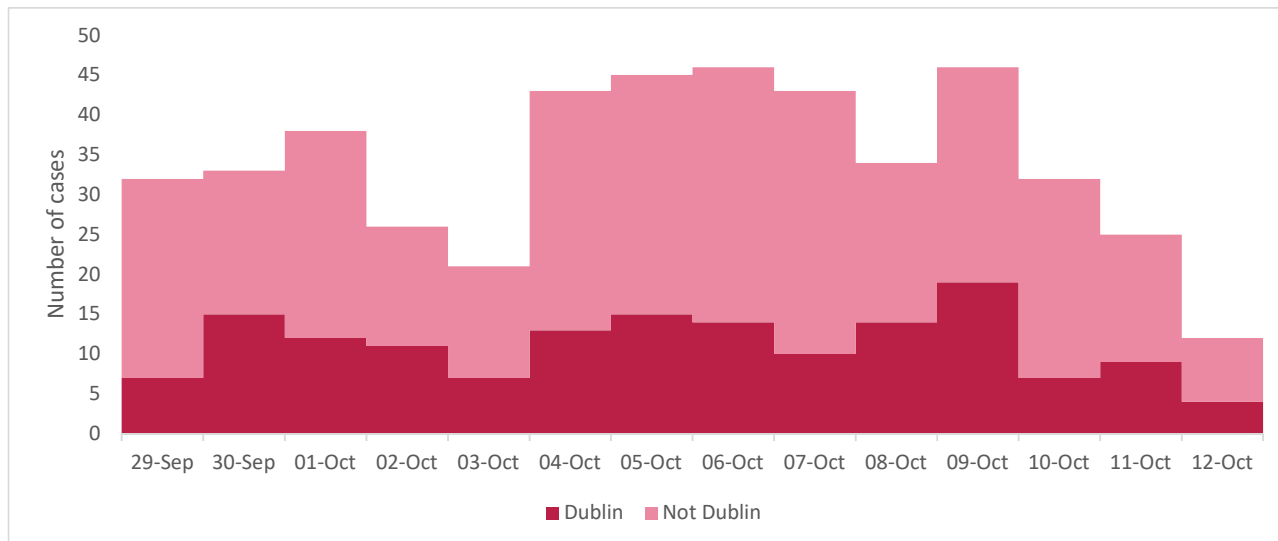


Figure 1 HCW COVID-19 cases by county of residence (Dublin, outside Dublin), 29/09/2020-12/10/2020

Table 2 describes the demographics of all HCW COVID-19 cases notified to CIDR during the 14-day period 29/09/2020-12/10/2020.

Table 3 describes the ethnicity and country of birth of all HCW COVID-19 cases notified to CIDR during the 14 day period 29/09/2020 – 12/10/2020.

Table 2 Healthcare worker COVID-19 cases, by sex, age-group, HCW role and work location, Ireland, 29/09/2020 - 12/10/2020

Total number of cases		N=476	%
Females		374	78.6%
Age-group			
	15-24 yrs	85	17.9%
	25-34 yrs	120	25.2%
	35-44 yrs	89	18.7%
	45-54 yrs	102	21.4%
	55-64 yrs	75	15.7%
	65-74 yrs	5	1.0%
HCW Role			
	Healthcare assistant	108	22.7%
	Nurse	102	21.4%
	Admin/Clerical worker	34	7.1%
	Doctor	20	4.2%
	Social Worker	14	2.9%
	Catering/Kitchen worker	13	2.7%
	Homecare	10	2.1%
	Radiographer	9	1.9%
	Cleaning/household staff	7	1.5%
	Pharmacy worker	7	1.5%
	Porter	6	1.3%
	Paramedic/ambulance service	6	1.3%
	Mental health	5	1.1%
	Other *	26	5.5%
	Unknown	109	22.9%
Location of HCW role			
	Acute Hospital	122	25.6%
	Nursing Home	112	23.5%
	Community services	36	7.6%
	Community Hospital/LSU	20	4.2%
	Centre for Disabilities	18	3.8%
	Mental Health Facility	12	2.5%
	GP surgery	8	1.7%
	Other HCW place of work**	41	8.6%
	Unknown	107	22.5%
Mode of transmission			
	Close contact with a known confirmed case	113	23.7%
	Community transmission	97	20.3%
	Healthcare setting acquired: staff	81	17.0%
	Healthcare setting acquired: patient	17	3.6%
	Travel related	2	0.4%
	Unknown	166	34.9%

\*e.g. multitask attendant, optometrist/optician, medical scientist \*\* place of work with one case only e.g. private practice/clinic/home care/health care centre/working from home/hospice.

Table 3 Healthcare worker COVID-19 cases, by ethnicity and country of birth, Ireland, 29/09/2020 - 12/10/2020

Total number of cases		N=476	%
Ethnicity	White	273	57.3%
	Black African	27	5.7%
	Indian subcontinent	20	4.2%
	Other	12	2.5%
	Unknown	144	30.3%
Country of birth	Ireland	221	46.4%
	India	17	3.6%
	Nigeria	12	2.5%
	Philippines	5	1.0%
	Other countries	37	7.8%
	Unknown	184	38.7%

## Outbreaks

There were 187 HCW cases (39.3%) nationally linked to 98 outbreaks.

Table 4 describes the outbreaks associated with HCW COVID-19 cases that were notified in the 14-day time period 29/09/2020 – 12/10/2020.

Table 4 COVID-19 Outbreaks and associated HCW COVID-19 cases, Ireland, 29/09/2020-12/10/2020

		outbreaks N=98	cases associated N=187
Outbreak location	Private House	44	49
	Nursing Home	16	65
	Hospital	10	29
	Residential Institution	7	13
	Social gathering	4	5
	Community outbreak	4	6
	Other healthcare services	4	8
	Extended family	4	<5
	Community hospital	1	<5
	Public House	1	<5
	Sporting activity	1	<5
	Other	2	<5
	<b>Total</b>		<b>98</b>

## Acknowledgements

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