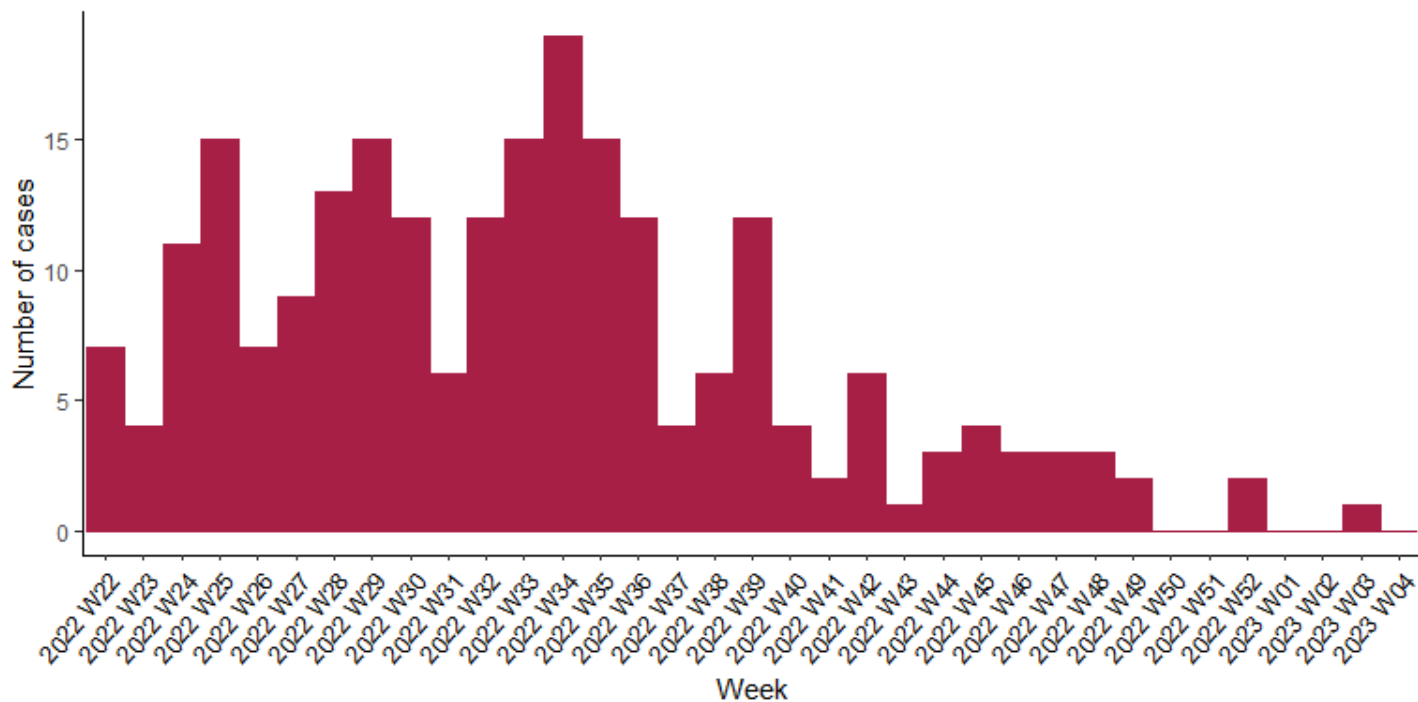




## Weekly report on the epidemiology of mpox (monkeypox) in Ireland, Week 4 2023

### Key Points

- Cases of mpox with no link to an endemic area have been reported since 16-05-2022. On 23 July 2022, the World Health Organization (WHO) declared the multi-country outbreak (including both endemic and non-endemic countries) a [Public Health Emergency of International Concern \(PHEIC\)](#). A PHEIC is the highest level of alert that the United Nations health body can confer.
- To enable the monitoring of cases in Ireland and the Public Health response, mpox (human monkeypox infection) was made a [notifiable disease](#) on the 27-05-2022.
- This report includes [confirmed cases](#) of mpox notified on the Computerised Infectious Disease Reporting system for Ireland (CIDR) up to the end of the preceding [epidemiological week](#).
- As of week 4 2023 (up to midnight on the 28-01-2023), 228 [confirmed cases](#) of mpox have been notified on CIDR.
- In week 4 2023, 0 confirmed cases were notified.
- Among all 228 cases notified to date, gender for 226 cases is male and two cases is female. Median age is 35 years.
- Sexual orientation is known for 208, 205 of whom self-identify gay, bisexual or other men who have sex with men (gbMSM).
- 20 cases have been hospitalised; 15 cases were admitted for clinical care related to mpox, 3 admitted for isolation purposes only, and information on the reason for admission for the other 2 is still awaited.
- The epidemiological picture to date in Ireland is similar to that seen in other countries where cases are primarily among gbMSM. In recent weeks, there has been a decreasing trend in notifications in Ireland, similar to that seen elsewhere.
- Information on the global epidemiological situation is available [here](#), WHO Dashboard [here](#) and information on the European situation is available [here](#).
- Further information on mpox including the symptoms, and how to reduce the risk are available [here](#).



**Figure 1:** Number of confirmed cases of mpox by week of notification reported on CIDR in Ireland up to midnight 28-01-2023.

Table 1: Summary characteristics of confirmed cases of mpox, based on cases reported up to midnight 28-01-2023

		Number of events	% of events
<b>Gender*</b>	Male	226	99.1
	Female	2	0.9
	Unknown/missing	0	0.0
<b>Age(years)</b>	Mean age (years)	37	
	Median age (years)	35	
<b>Age groups(years)</b>	0-18	1	0.4
	19-24	9	3.9
	25-34	96	42.1
	35-44	77	33.8
	45-54	28	12.3
	55-64	14	6.1
	65 and older	3	1.3
	<b>Area</b>	CHO1	4
	CHO2	2	0.9
	CHO3	7	3.1
	CHO4	7	3.1
	CHO5	8	3.5
	CHO6	23	10.1
	CHO7	76	33.3
	CHO8	13	5.7
	CHO9	88	38.6
<b>Sexual orientation</b>	gbMSM	205	89.9
	Other	3	1.3
	Not known	20	8.8

*Male includes cis and trans males; Female includes cis and trans females*

## Technical Notes

**1. Data Source:** Data for this report are based on cases notified on the Computerised Infectious Disease Reporting (CIDR) up to midnight 28-01-2023. Data were extracted from CIDR system on 30-01-2023. Some data have been supplemented by information provided by Departments of Public Health. Data are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

**2. Case definitions:** The current case definition for mpox (formally known as monkeypox) is available [here](#).

**3. Epidemiological week:** For the purposes of epidemiology the 365 days of the year are split into 52 or 53 epidemiological weeks (epi weeks). This is to standardize time for epidemiological surveillance. This is important to allow for comparison of events that occurred in a given year, or a period of a year, with previous years. As these are internationally agreed they also facilitate comparison between countries. Epi weeks (epidemiological weeks) start on a Sunday and end on a Saturday. The first epidemiological week of the year ends on the first Saturday of January, as long as it falls at least four days into the month, even if it means that this first week starts in December. A breakdown of epidemiological weeks is available [here](#).

**4. Epidemiological date (Epi date):** Epidemiological date is based on the earliest of dates available on the case and taken from date of onset of symptoms, date of diagnosis, laboratory specimen collection date, laboratory received date, laboratory reported date or event creation date/notification date on CIDR. By using this date rather than event creation/ notification date, adjusts for any delays in testing/notification.

**5. Gender:** Gender is based on gender identity where it is provided, otherwise sex at birth is used. Gender identity refers to a person's internal sense of themselves (how they feel inside) as being male, female, transgender, non-binary or something else. This may be different or the same as a person's assigned sex at birth. Further information and resources can be found at the website of Transgender Equality Network Ireland [www.teni.ie](http://www.teni.ie).

**6. CHO Areas:** The counties covered by each CHO area are as follows:

- CHO 1: Donegal, Sligo/Leitrim/West Cavan, and Cavan/Monaghan;
- CHO 2: Galway, Roscommon, and Mayo;
- CHO 3: Clare, Limerick, and North Tipperary/East Limerick;
- CHO 4: Kerry, North Cork, North Lee, South Lee, and West Cork;
- CHO 5: South Tipperary, Carlow/Kilkenny, Waterford, and Wexford;
- CHO 6: Wicklow, Dun Laoghaire, and Dublin South East;
- CHO 7: Kildare/West Wicklow, Dublin West, Dublin South City, and Dublin South West;
- CHO 8: Laois/Offaly, Longford/Westmeath, Louth, and Meath;
- CHO 9: Dublin North, Dublin North Central, and Dublin North West

## Acknowledgements

Sincere thanks are extended to all those who are participating in the collection of data used in this report. This includes notifying clinicians, laboratory staff, public health doctors, nurses, surveillance scientists, microbiologists and administrative staff.