

2.2 Legionellosis

Summary

Number of cases in 2013: 14
Crude incidence rate: 3.1 per million

In 2013, there were 14 cases of Legionnaires' disease notified in Ireland, a rate of 3.1 per million population, a slight decrease from the rate of 3.3 per million seen in 2012. One death was reported but was not directly attributed to Legionnaires' disease.

Ten cases were reported from HSE East, two from HSE South East and one each from HSE Midlands and HSE Mid-Western areas.

The majority of the cases were male (64.3%). The median age was 56 years with a range from 38 to 78 years.

All fourteen cases were classified as confirmed. The diagnosis of all fourteen cases was made by urinary antigen test (UAT) and two had the organism cultured. The organism involved in the 14 cases confirmed by UAT and cultured in the two cases was *Legionella pneumophila* serogroup 1. Monoclonal subtyping information was not available.

Nine cases were travel-associated. Countries of travel included Ireland (1), Italy (1), Spain (4), the UK (2) and the USA (1). Two of these cases were linked to travel related clusters. The remaining five cases were assumed to be community acquired.

No real seasonality was observed in 2013 as described in Figure 1.

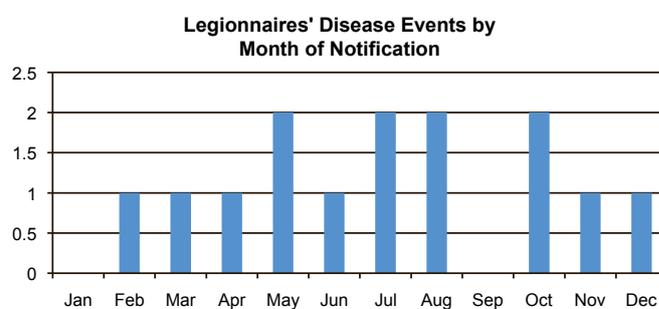


Figure 1. Number of Legionnaires' disease cases by month of notification in Ireland, 2013

Table 1. Number of Legionnaires' disease cases per million population in Ireland, 2006-2013

Age group (years)	2006	2007	2008	2009	2010	2011	2012	2013
<30	0	1	0	0	1	0	0	0
30-39	0	3	0	0	0	0	1	1
40-49	7	4	2	0	2	0	1	3
50-59	2	2	3	2	1	1	1	4
60-69	1	3	4	3	3	4	6	1
70+	2	2	2	2	4	2	6	5
Total	12	15	11	7	11	7	15	14
CIR	2.8	3.5	2.6	1.5	2.4	1.5	3.3	3.1

For details of denominator data used, please see Explanatory Notes section at the end of this document