

2.2 Legionellosis

Summary

Number of cases, 2010: 11
Crude incidence rate: 2.6 per million

In 2010, there were eleven cases of legionnaires' disease notified in Ireland, a rate of 2.6 per million population. No deaths associated with legionnaires' disease were reported.

Seven cases were reported from HSE East, two from HSE South East, and one each from HSE Mid-West and HSE North East.

Just over half the cases were male (54.5%). The median age was 63 with a range from 21 to 75 years.

All cases were confirmed by urinary antigen test. The organism involved in all eleven cases was *Legionella pneumophila* serogroup 1.

Seven cases were travel-associated. Countries of travel included Spain (2), Ireland (2), Germany (1), Bulgaria (1), and Cuba (1). Four cases were community-associated, two in Ireland and one each in Spain and the United Arab Emirates.

The peak month for notifications was August when five cases were notified.

Table 1. Number of legionnaires' disease cases per million population in Ireland, 2003-2010

Age group (years)	2003	2004	2005	2006	2007	2008	2009	2010
<30	1	0	0	0	1	0	0	1
30-39	0	0	2	0	3	0	0	0
40-49	0	1	3	7	4	2	0	2
50-59	0	1	1	2	2	3	2	1
60-69	2	1	1	1	3	4	3	3
70+	3	1	1	2	2	2	2	4
Total	6	4	8	12	15	11	7	11
CIR	1.5	0.9	1.9	2.8	3.5	2.6	1.7	2.6