

## 4.3 Other Notifiable Non-IID Zoonotic Diseases

### Toxoplasmosis

During 2014, 20 cases of toxoplasmosis were notified, a slight decrease compared to an annual mean of 35 notifications in the previous five years. Among cases where patient type was reported, 18.8% were hospitalised. No congenital cases were reported.

Cases ranged in age from 16 to 75 years (median: 32 years). As in previous years, more cases were reported among females than males, (F:M ratio 2.6:1.0). This was particularly evident among females in the 25-34 year age group, which is most likely a reflection of enhanced testing during pregnancy (Table 1).

### Brucellosis

During 2014, there were three case of brucellosis notified, with cases ranging in age from 2 to 55 years. This remains stable compared to an annual mean of two notifications in the previous five years. Two cases were reported as *Brucella species*; and one was reported as *B. melitensis*. Country of infection was reported as Turkey for one case while the remaining two cases did not report country of infection.

Despite the reporting of two female cases this year, the age and sex distribution for brucellosis in recent years in Ireland has tended towards adult males, suggesting that occupational exposure is likely to be a major transmission route for this disease.

### Echinococcosis, Trichinosis and Q Fever

No cases of echinococcosis, trichinosis and Q fever were notified in Ireland in 2014.

Table 1: Toxoplasmosis notifications by age and sex, Ireland 2014

| Age group    | Female    | Male     | Unknown  | Total     | %            |
|--------------|-----------|----------|----------|-----------|--------------|
| 15-19 yrs    | 0         | 1        | 1        | 2         | 10.0         |
| 20-24 yrs    | 1         | 1        | 0        | 2         | 10.0         |
| 25-34 yrs    | 7         | 2        | 1        | 10        | 50.0         |
| 35-44 yrs    | 2         | 1        | 0        | 3         | 15.0         |
| 45-54 yrs    | 1         | 0        | 0        | 1         | 5.0          |
| 55-64 yrs    | 1         | 0        | 0        | 1         | 5.0          |
| 65+ yrs      | 1         | 0        | 0        | 1         | 5.0          |
| <b>Total</b> | <b>13</b> | <b>5</b> | <b>2</b> | <b>20</b> | <b>100.0</b> |
| %            | 65.0      | 25.0     | 10.0     | 100.0     |              |