

## 4.3 Other Notifiable Non-IID Zoonotic Diseases

### Brucellosis

Two cases of brucellosis were notified. This compares to a mean number of 1.8 cases annually between 2011 and 2015.

### Echinococcosis

Two cases were reported during 2016, the first cases reported since 2007. Country of infection was not reported for either case.

### Q Fever

Six cases of Q fever were reported in Ireland in 2016, an increase compared to four cases reported during 2015. Five cases were male and the median age was 51.5 years.

### Toxoplasmosis

During 2016, 24 cases of toxoplasmosis were notified which remains stable compared to 26 cases reported in 2015. Among cases where patient type was reported, 25% were hospitalised. Cases ranged in age from 5 to 47 years (median: 32.5 years). No congenital cases were reported in 2016.

As in previous years, more cases were reported among females than males, (M:F ratio 0.5:1.0). This was particularly evident among females in the 25-44 year age group, which accounted for half of the total cases. This is most likely a reflection of enhanced testing during pregnancy.

### Trichinosis

No cases of trichinosis were notified in Ireland in 2016.

Table 1: Non-IID zoonoses notifications by age and sex, 2016

Disease Short Name	Age Group	Female	Male	Total
Brucellosis	45-54 yrs		1	1
	65+ yrs	1		1
Echinococcosis	5-9 yrs	1		1
	15-19 yrs		1	1
Q fever	35-44 yrs		2	2
	45-54 yrs		1	1
	55-64 yrs	1	2	3
Toxoplasmosis	5-9 yrs		1	1
	10-14 yrs	1		1
	15-19 yrs		2	2
	20-24 yrs	1	2	3
	25-34 yrs	4	3	7
	35-44 yrs	8		8
45-54 yrs	2		2	
<b>Total</b>		<b>19</b>	<b>15</b>	<b>34</b>

Table 2: Non-IID zoonoses notifications by HSE, 2016

HSE area	Brucellosis	Echinococcosis	Q fever	Toxoplasmosis	Total
HSE-E				8	8
HSE-M				1	1
HSE-MW		1	1	1	3
HSE-NE	1		2		3
HSE-NW				1	1
HSE-SE	1		1	1	3
HSE-S				6	6
HSE-W		1	2	6	9
<b>Total</b>	<b>2</b>	<b>2</b>	<b>6</b>	<b>24</b>	<b>34</b>

Table 2: Non-IID zoonoses notifications by patient type, 2016

Patient Type	Brucellosis	Echinococcosis	Q fever	Toxoplasmosis	Total
GP Patient	1		2	9	12
Hospital Day Patient	1				1
Hospital Inpatient		1	3	5	9
Hospital Outpatient		1		6	7
Not Specified			1		1
Unknown				4	4
<b>Total</b>	<b>2</b>	<b>2</b>	<b>6</b>	<b>24</b>	<b>34</b>