

### NSW Testing Data – Quarter 1, 2014

**Number of tests reported by 15 participating laboratories and ratio of positive notifications per 100 tests performed, NSW, January - March 2014**

Condition	Test type	Number of tests	Ratio of positive notifications per 100 tests
Chlamydia	C trachomatis NAT	120,955	5.1
Gonorrhoea	N gonorrhoeae NAT & culture	145,288	0.9
HIV	Serology	120,667	-
Ross River virus infection	Serology	4,790	2.3
Barmah Forest virus infection	Serology	3,347	1.7
Pertussis	NAT, serology, & culture	18,444	2.6
Salmonellosis	NAT & culture	47,869	3.1
Shigellosis			0.2
Cryptosporidiosis	NAT, Antigen & microscopy	47,518	0.3
Giardiasis			1.8

**Notes on data interpretation:**

- Data collection began in January 2012 with 14 public and private laboratories. In January 2014, an additional laboratory was added. Care should be taken when comparing trends using data from 2014.
- There is increasing use of NAT for diagnostic testing for enteric conditions. This may increase notifications due to the sensitivity of NAT.
- Testing data are for individual tests reported from participating laboratories and may include multiple specimens per individual.
- Duplication of the number of tests reported per condition may occur where more than one method of testing is used, or clinical specimens are collected from more than one anatomical site (eg where genital, rectal or pharyngeal specimens are tested for sexually transmitted infections).
- Notification data were analysed for the period between 1 January and 31 March 2014 for individual people notified with each condition reported from all laboratories in NSW.
- The ratio of positive notifications was calculated by dividing the overall positive results notified by all NSW laboratories by the total number of tests performed as reported from the participating laboratories.