

Communicable Disease Appendix

| Case counts by date reported | | | | | | Rates per 100,000 | | |
|---|------------|------------|------------|------------|------------|-----------------------------------|--------------|------------------|
| Enteric Illness | 2012 | 2013 | 2014 | 2015 | 2016 | Saskatoon Health Region 2016 Rate | SK 2015 Rate | Canada 2015 Rate |
| Ameobiasis | 7 | 9 | 5 | 3 | 1 | 0.3 | n/r | n/r |
| Campylobacteriosis | 71 | 47 | 56 | 53 | 59 | 16.4 | 16.1 | 25.3 |
| Cryptosporidiosis | 13 | 12 | 8 | 12 | 8 | 2.2 | 2.9 | 2.4 |
| Cyclosporiasis | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0.9 |
| Giardiasis | 33 | 38 | 36 | 35 | 37 | 10.3 | 11.2 | 10.4 |
| Hepatitis A | 10 | 2 | 2 | 6 | 6 | 1.7 | 0.8 | 0.5 |
| Listeriosis | 0 | 1 | 0 | 0 | 0 | 0.0 | 0.2 | 0.4 |
| Salmonellosis | 39 | 45 | 49 | 72 | 60 | 16.7 | 23.7 | 21.5 |
| Shigellosis | 25 | 8 | 6 | 4 | 4 | 1.1 | 0.9 | 2.5 |
| Typhoid & paratyphoid | 1 | 2 | 1 | 1 | 5 | 1.4 | n/r | 0.3 |
| Verotoxigenic Escherichia coli infections | 9 | 5 | 2 | 9 | 10 | 2.8 | 4.5 | 1.8 |
| Yersinia enterocolitica | 23 | 14 | 10 | 9 | 9 | 2.5 | 1.1 | n/r |
| Total | 231 | 183 | 175 | 204 | 199 | | | |

n/r not reported

| Case counts by date reported | | | | | | Rate per 100,000 | | |
|--|------------|-----------|-----------|-----------|-----------|-----------------------------------|--------------|------------------|
| Direct Contact & Respiratory Illness | 2012 | 2013 | 2014 | 2015 | 2016 | Saskatoon Health Region 2016 Rate | SK 2015 Rate | Canada 2015 Rate |
| Chlamydia pneumoniae | 0 | 0 | 0 | 0 | 0 | 0.0 | n/r | n/r |
| Creutzfeldt Jacobs Disease (CJD) | | | 1 | 2 | 0 | 0.0 | n/r | n/r |
| Haemophilus influenzae all other types including unspecified | 6 | 4 | 1 | 1 | 5 | 1.4 | 1.6 | 1.6 |
| Legionellosis | 0 | 0 | 0 | 0 | 1 | 0.3 | 0.1 | 0.9 |
| Parvovirus B 19 | 12 | 16 | 4 | 5 | 10 | 2.8 | 4.4 | n/r |
| Staphylococcal disease-invasive, toxigenic | 38 | 33 | 38 | 14 | 0 | 0.0 | n/r | n/r |
| Streptococcal A-invasive | 27 | 17 | 25 | 29 | 38 | 9.1 | 9.1 | 5.3 |
| Streptococcal B-neonatal | 0 | 0 | 0 | 3 | 0 | 0.0 | 0.3 | 31.9 |
| Streptococcal B-other | 25 | 25 | 25 | 0 | 5 | 1.4 | n/r | n/r |
| Total | 108 | 95 | 94 | 54 | 59 | | | |

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|-----------------------------------|------------|------------|------------|------------|------------|-----------------------------------|--------------|------------------|
| Vaccine Preventable Disease | 2012 | 2013 | 2014 | 2015 | 2016 | Saskatoon Health Region 2016 Rate | SK 2015 Rate | Canada 2015 Rate |
| Diphtheria | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0.01 |
| Haemophilus influenzae type B | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0.08 |
| Hepatitis B | 1 | 4 | 15 | 5 | 0 | 0.0 | 0.9 | 13.2 |
| Influenza*^ | 316 | 307 | 566 | 680 | 660 | 183.2 | n/r | n/r |
| Measles | 1 | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0.5 |
| Meningococcal disease - invasive* | 1 | 0 | 1 | 0 | 1 | 0.3 | 0.1 | 0.3 |
| Mumps | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.1 | 0.2 |
| Pertussis | 7 | 3 | 9 | 94 | 59 | 16.4 | 18.5 | 9.8 |
| Pneumococcal disease - invasive* | 29 | 41 | 23 | 38 | 39 | 10.8 | 11.6 | 8.9 |
| Polio | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0 |
| Rubella | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0 |
| Tetanus | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0.01 |
| Total | 355 | 355 | 614 | 817 | 759 | | | |

*not all sub-types are protected against in current vaccines.

^surveillance year is Sept 1 to Aug 31.

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|--|-----------|----------|----------|----------|----------|-----------------------------------|--------------|------------------|
| Zoonotic and Vector borne Illness | 2012 | 2013 | 2014 | 2015 | 2016 | Saskatoon Health Region 2016 Rate | SK 2015 Rate | Canada 2015 Rate |
| Anthrax | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0 |
| Brucellosis | 0 | 0 | 0 | 1 | 0 | 0.0 | 0.1 | 0.03 |
| Dengue | 0 | 0 | 1 | 0 | 0 | 0.0 | n/r | n/r |
| Hanta virus - pulmonary syndrome | 1 | 1 | 0 | 0 | 0 | 0.0 | 0.0 | 0.03 |
| Lyme disease | 0 | 1 | 0 | 0 | 0 | 0.0 | 0.0 | 1.9 |
| Malaria | 8 | 5 | 4 | 4 | 5 | 1.4 | 1.7 | 1.6 |
| Plague | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0 |
| Rabies | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0 |
| Rickettsial infections | 1 | 0 | 0 | 0 | 0 | 0.0 | 0.1 | n/r |
| Tularemia | 0 | 0 | 0 | 1 | 0 | 0.0 | 0.2 | 0.04 |
| West Nile Neuroinvasive Disease (WNND) | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0.01 |
| Total | 10 | 7 | 5 | 6 | 5 | | | |

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|--|------------|------------|------------|------------|------------|-----------------------------------|--------------|------------------|
| Antibiotic-resistant Organisms (AROs) | 2012 | 2013 | 2014 | 2015 | 2016 | Saskatoon Health Region 2016 Rate | SK 2015 Rate | Canada 2015 Rate |
| Methicillin-resistant Staphylococcus aureus | 464 | 492 | 446 | 478 | 519 | 144.0 | n/r | n/r |
| Penicillin-resistant pneumococcal | 0 | 0 | | 0 | 0 | 0.0 | n/r | n/r |
| Vancomycin-resistant enterococci | 50 | 32 | 39 | 180 | 248 | 68.8 | n/r | n/r |
| Vancomycin-resistant Staphylococcus aureus | | | | | 2 | 0.6 | n/r | n/r |
| Total | 514 | 524 | 485 | 658 | 769 | | | |

Source: iPHIS, Ministry of Health, Health Canada

n/r = not reported