

Communicable Disease Surveillance Report, 2017-2025

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Purpose

The Population Health Branch of the Saskatchewan Ministry of Health conducts routine surveillance of notifiable communicable diseases across the province. Under *The Public Health Act, 1994*, and its associated Disease Control Regulations, Medical Health Officers in health authorities are required to report notifiable communicable diseases and any outbreaks to the Chief Medical Health Officer at the Saskatchewan Ministry of Health. This annual report presents aggregated provincial data for the current year, alongside the five-year average rates, sourced from the public health database, Panorama, and the Tuberculosis Information System (TBIS).

Limitations

Panorama is a dynamic public health reporting system that allows continuous updates to previously entered data. Consequently, data extracted from Panorama represent a snapshot at the time of extraction and may vary from earlier or later reports due to enhanced surveillance activities, data cleaning, or delayed reporting. Underreporting of notifiable diseases is common, as not all infected individuals seek medical care. Surveillance case definitions, based on the [Communicable Disease Control \(CDC\) Manual](#), are used to standardize case counts and to ensure the comparability of surveillance data. These definitions are not intended for clinical or laboratory diagnosis or case management.

Technical notes:

The number of cases included in this report reflects those reported in Panorama and TBIS by Saskatchewan public health offices. Diseases are listed alphabetically by their mode of transmission.

Case counts are subject to change as data in Panorama are updated. Rates derived from small numbers may vary considerably and should be interpreted with caution.

Rates, expressed as cases per 100,000 population, are calculated by dividing the total number of cases by the corresponding Saskatchewan covered population for that year, or by the five-year average population where applicable. Rates for congenital syphilis are based on live birth population.

Congenital syphilis includes syphilitic stillbirths. These cases are also included in the total syphilis case counts.

Tuberculosis cases, as defined by the Canadian Tuberculosis Reporting System, include both new and retreated cases. Counts are sourced from the provincial TBIS and submitted by the Tuberculosis Prevention and Control Program and the Saskatchewan Health Authority (SHA).

Data from 2020 to 2022 should be interpreted with caution, as both laboratory testing practices and data entry into Panorama may have been affected by the COVID-19 pandemic response.

The five-year average rate represents the average number of cases over the previous five years divided by the average population for the same time frame. This approach provides a more stable baseline for comparison and helps account for year-to-year variability.

COVID-19, influenza and RSV data are not included in this report. Please refer to the [CRISP Report](#).

Source:

Saskatchewan Ministry of Health, Panorama database, extracted by Population Health Branch, data extraction in January 2026. Tuberculosis data from TBIS, accessed via Microsoft Access.

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Communicable Disease	2017	2018	2019	2020	2021	2022	2023	2024	2025	2025 RATE per 100,000	5-Year Average (2020-2024) RATE per 100,000
Food and Waterborne Enteric Diseases											
Amoebiasis	11	3	12	4	1	10	22	4	12	0.9	0.7
Campylobacteriosis	197	173	194	162	162	166	210	218	187	14.4	14.8
Cryptosporidiosis	16	30	24	14	9	17	15	34	124	9.6	1.4
Cyclosporiasis	0	1	0	0	0	0	2	0	1	0.1	0.0
Giardiasis	81	67	89	35	43	60	86	67	66	5.1	4.7
Hepatitis A	6	2	6	2	9	13	8	7	5	0.4	0.6
Listeriosis, invasive	5	3	4	5	2	1	1	3	1	0.1	0.2
Salmonellosis	185	191	159	121	104	130	151	144	135	10.4	10.5
Shigatoxigenic <i>Escherichia coli</i>	74	80	94	63	67	86	106	93	104	8.0	6.7
Shigellosis	16	13	26	14	2	3	14	14	8	0.6	0.8
Typhoid fever/Paratyphoid	6	2	3	7	0	3	6	12	6	0.5	0.5
Yersiniosis	7	13	6	11	3	2	1	0	4	0.3	0.3
AIDS	36	16	14	20	12	9	40	35	30	2.3	1.9
<i>Chlamydia trachomatis</i> infection	6493	6450	6052	5392	5766	6345	6953	6682	6086	469.2	503.0
Gonococcal infection	2222	2579	1822	2616	3212	2664	2637	3025	3097	238.7	229.1
HIV infection	177	168	199	184	238	226	233	230	266	20.5	18.0
Hepatitis B	104	97	134	90	84	93	117	100	5	0.4	0.3
Hepatitis C	710	705	655	455	452	427	401	352	277	21.4	33.8
Syphilis - Infectious	120	140	398	924	1940	2217	2077	1470	934	72.0	139.6
Syphilis - congenital	0	0	2	12	27	27	18	23	10	74.6	96.0
Creutzfeldt-Jakob disease	1	1	1	0	0	1	1	0	0	0.0	0.0
Diphtheria	0	0	2	0	0	1	0	0	0	0.0	0.0

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<i>H. Influenzae</i> , All Types, Invasive	32	14	17	15	10	30	12	28	28	2.2	1.5
Hantavirus infection	0	1	2	2	0	0	1	0	1	0.1	0.1
Legionellosis	0	1	4	3	0	3	2	1	2	0.2	0.1
Measles	0	0	1	0	0	0	0	1	126	9.7	0.0
Meningococcal disease, invasive	3	3	2	3	1	3	4	4	17	1.3	0.2
Mpox	0	0	0	0	0	6	0	0	0	0.0	0.1
Mumps	77	14	2	0	3	2	3	1	0	0.0	0.1
Pertussis	425	144	65	20	0	4	59	134	218	16.8	3.4
Pneumococcal disease, invasive	129	133	137	89	99	236	288	357	315	24.3	17.2
Rubella	0	0	0	0	0	0	0	0	0	0.0	0.0
Streptococcal invasive disease (group A)	165	165	153	213	116	111	227	239	245	18.9	14.6
Tuberculosis	94	79	66	103	122	146	142	135	142	11.2	10.4
Anthrax	0	0	0	0	0	0	0	0	0	0.0	0.0
Brucellosis	0	0	0	0	0	0	0	0	0	0.0	0.0
Lyme disease	4	2	2	1	2	2	3	2	6	0.5	0.2
Malaria	11	11	14	4	3	14	15	14	5	0.4	0.8
Q fever	0	0	2	3	0	0	7	4	0	0.0	0.2
Tularemia	1	1	0	0	0	0	0	1	0	0.0	0.0
West Nile Neuroinvasive Disease	1	3	0	0	1	0	3	5	3	0.2	0.1
Yellow Fever	0	0	0	0	0	0	0	0	0	0.0	0.0