

Shigellosis

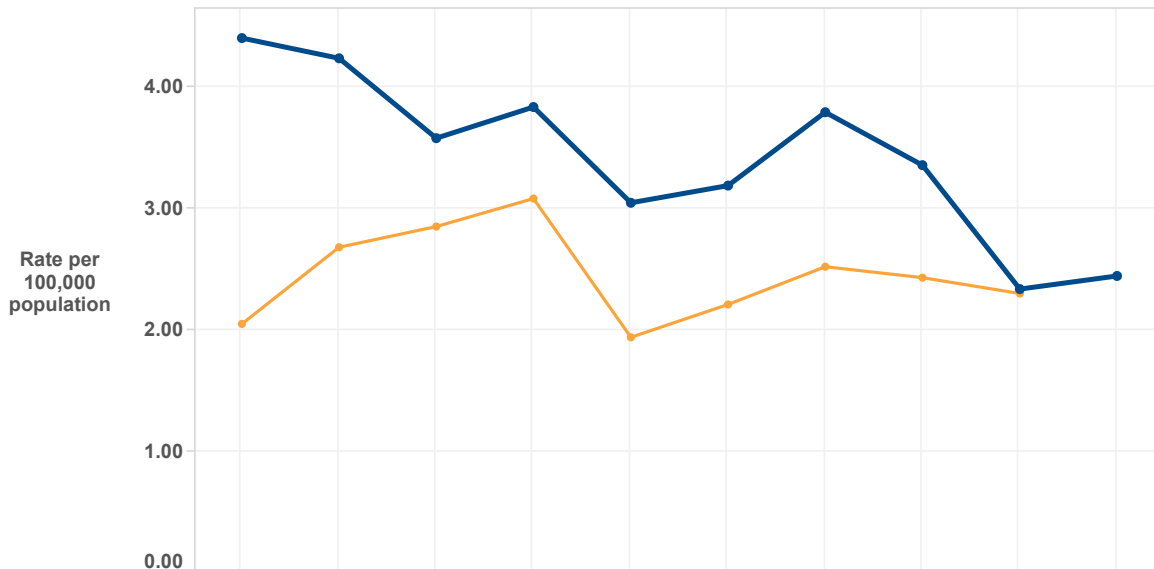
In 2018, 122 cases of shigellosis were reported; 61.9% were associated with international travel. There had been a steady decrease in shigellosis since 2015, in 2018 the incidence rate of shigellosis was stable and similar to 2017 (2.4/100,000). Similar to previous years, the incidence rate was highest in Vancouver. Incidence rates were highest amongst children aged 1-4 years and males aged 25-29 years. These two groups have known risk factors.

In 2018, *S. sonnei* was the most common species reported, similar to between 2015 and 2017. Between 2009 and 2014, *S. flexneri* was the most common species. The decrease in shigellosis is driven by a decrease in the number *S. sonnei* cases detected. In 2018, 40 cases were detected, compared to 92 in 2016.

There were no *Shigella* outbreaks reported in 2018.

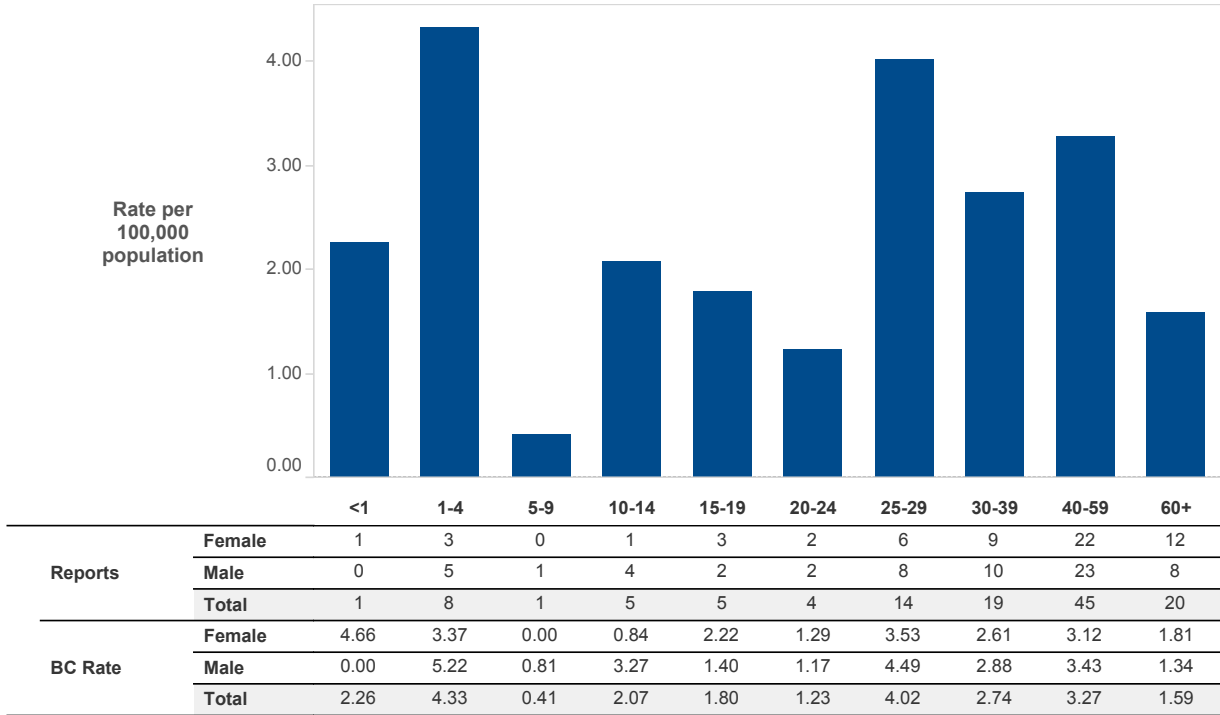


11.1 Shigellosis Rates by Year, 2009-2018

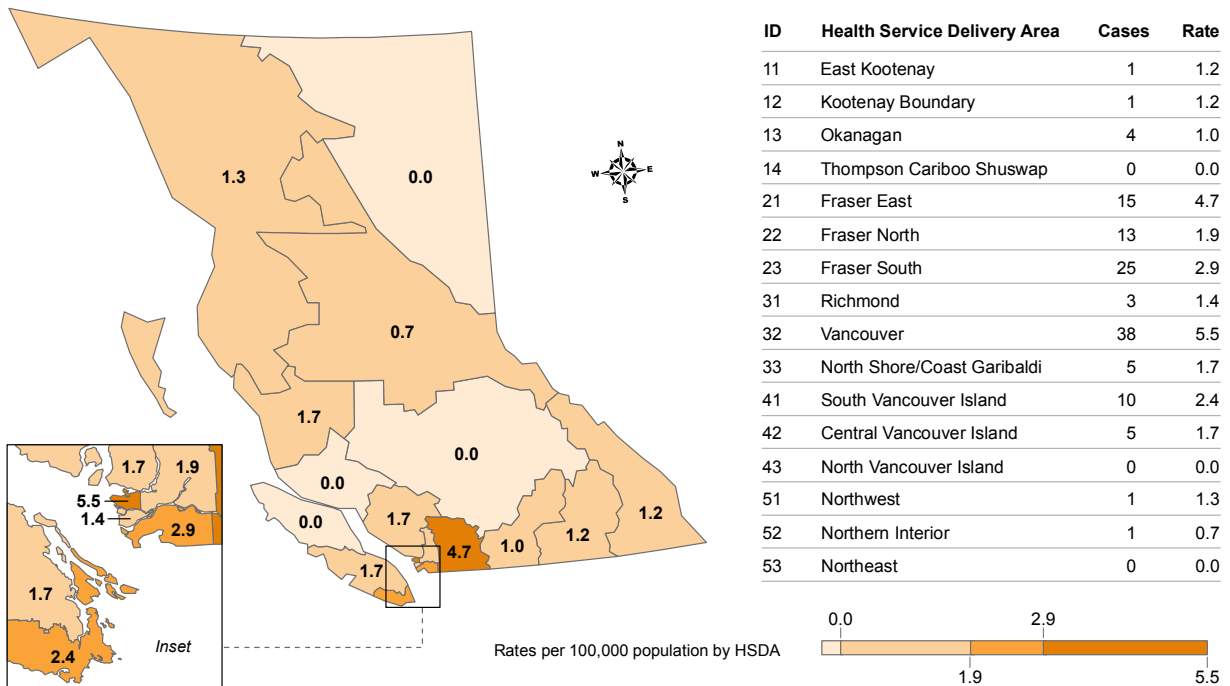


	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Reports	194	189	161	175	141	150	181	163	115	122
BC Rate	4.40	4.23	3.58	3.83	3.05	3.19	3.79	3.35	2.34	2.44
Canada Rate	2.05	2.68	2.85	3.08	1.94	2.21	2.52	2.43	2.30	

11.2 Shigellosis Rates by Age Group, 2018



11.3 Shigellosis Rates by HSDA, 2018



11.4 Shigella Species Distribution, 2018

Rank	Species	Number of cases	Proportion
1	sonnei	40	54.9%
2	flexneri	28	38.4%
3	boydii	3	4.1%
4	dysenteriae	2	2.7%
	Total	73	

Note: Species distribution is based on BCCDC PHL data. Numbers may vary from those reported in Panorama.