

# OREGON ACTIVE BACTERIAL CORE SURVEILLANCE



Center for Public Health Practice – Oregon Public Health Division

## MORE INFORMATION

For more information about the Oregon ABCs program and detailed surveillance reports on each organism, go to: [www.healthoregon.org/abc](http://www.healthoregon.org/abc)

## DECEMBER 2020 SURVEILLANCE SUMMARY

The Oregon Active Bacterial Core Surveillance (ABCs) program conducts laboratory and population-based surveillance for invasive disease due to *Haemophilus influenzae*, *Neisseria meningitidis*, group A and group B *Streptococcus* and *Streptococcus pneumoniae*. All data are provisional.

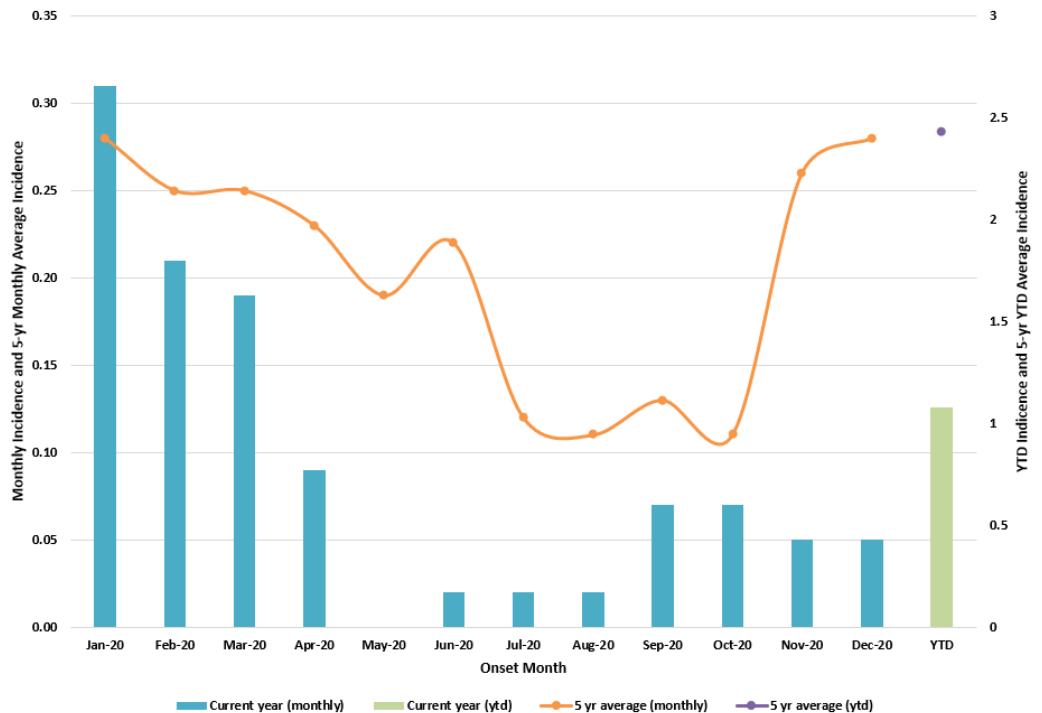
### Surveillance Area

In Oregon, the surveillance area for *H. influenzae*, and *N. meningitidis* comprises the entire state, with a 2019 estimated population of 4,236,400. The surveillance area for the remainder of the pathogens comprises the tri-county (Clackamas, Multnomah and Washington) Portland metropolitan area, with a 2019 estimated population of 1,858,560.

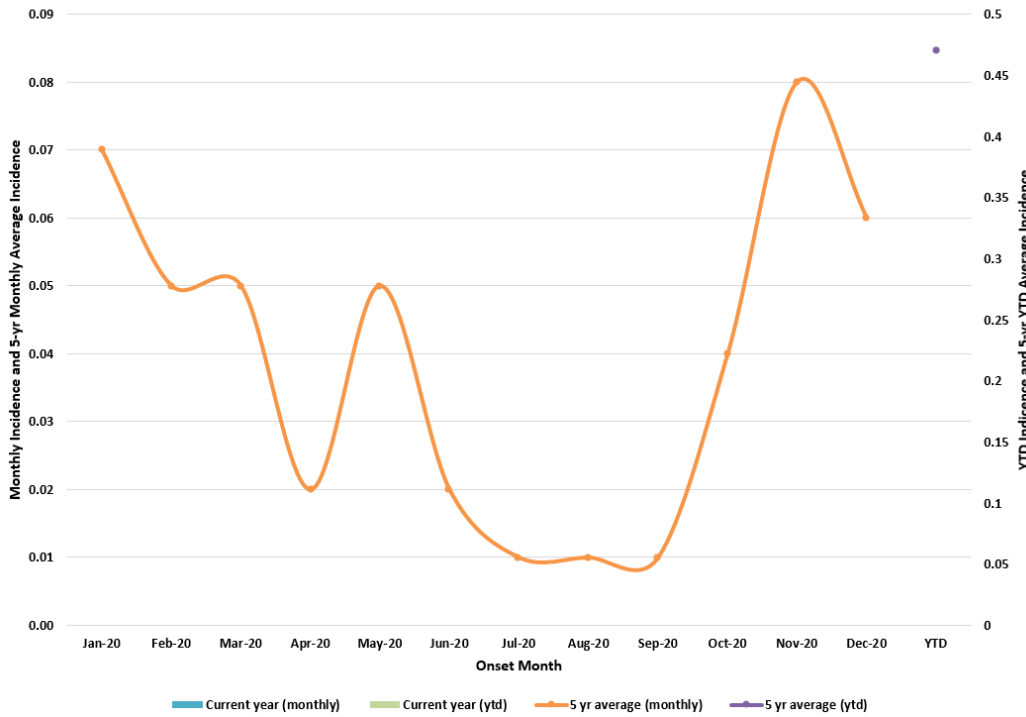
## *Haemophilus influenzae*

With 2 cases reported, the incidence of invasive *H. influenzae* disease (IHid) in Oregon was 0.05 per 100,000 population in December, which is 82% lower than the 5-year monthly average (0.28 per 100,000). The 2020 year-to-date (YTD) incidence (1.10 per 100,000) is 55% lower than the 5-year YTD average (2.43 per 100,000). In 2020, the serotype profile of IHid cases (n=46) has been 2% serotype a, 4% serotype e, 6% serotype f, and 82% nontypeable.

*Haemophilus influenzae*



*Neisseria meningitidis*



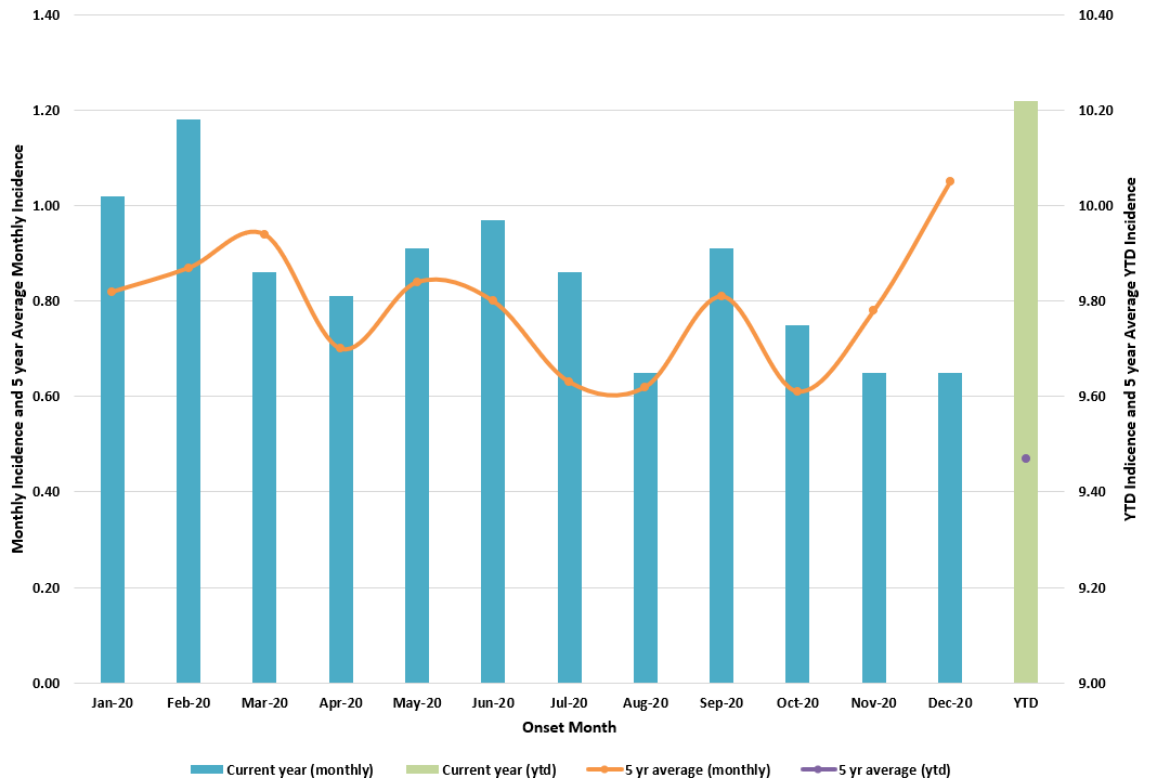
**Neisseria meningitidis**

With no cases reported, the incidence of invasive meningococcal disease (IMD) in Oregon was 0.00 per 100,000 population in December, which is 100% lower than the 5-year monthly average (0.06 per 100,000). The current year-to-date incidence (0.00 per 100,000) is 100% lower than the 5-year YTD average (0.47 per 100,000). In 2020, no cases of invasive meningococcal disease were reported.

**Group A streptococcus**

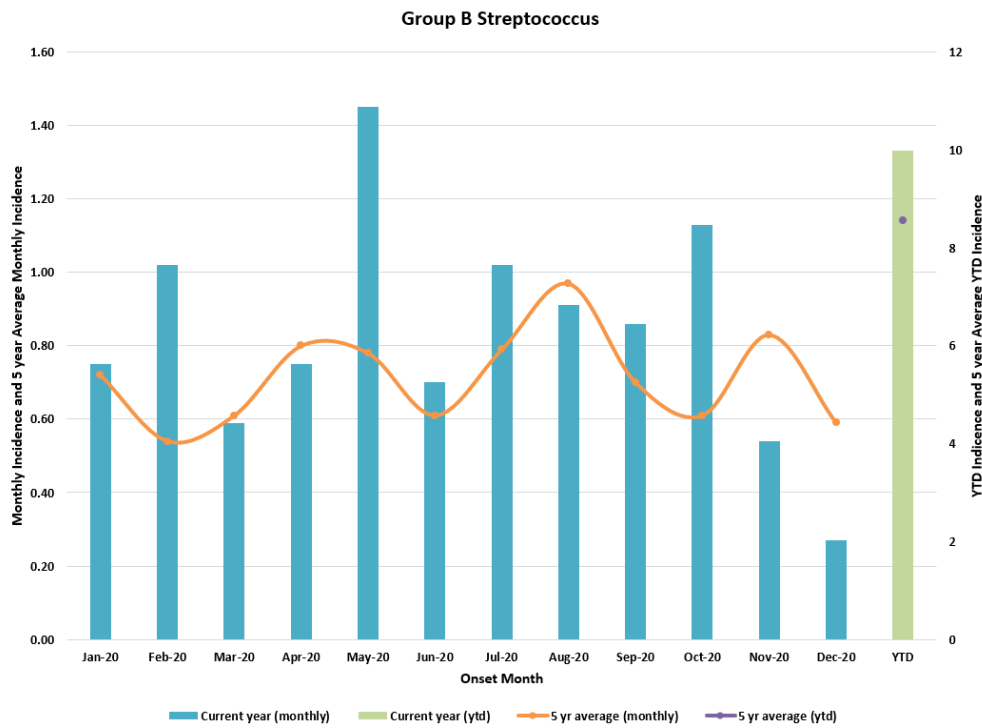
With 12 cases reported, the incidence of invasive Group A streptococcus (GAS) disease in the tri-county area was 0.65 per 100,000 population in December, which is 38% lower than the 5-year monthly average (1.05 per 100,000). The 2020 year-to-date incidence (10.22 per 100,000) is 8% higher than the 5-year YTD average (9.47 per 100,000).

**Group A Streptococcus**



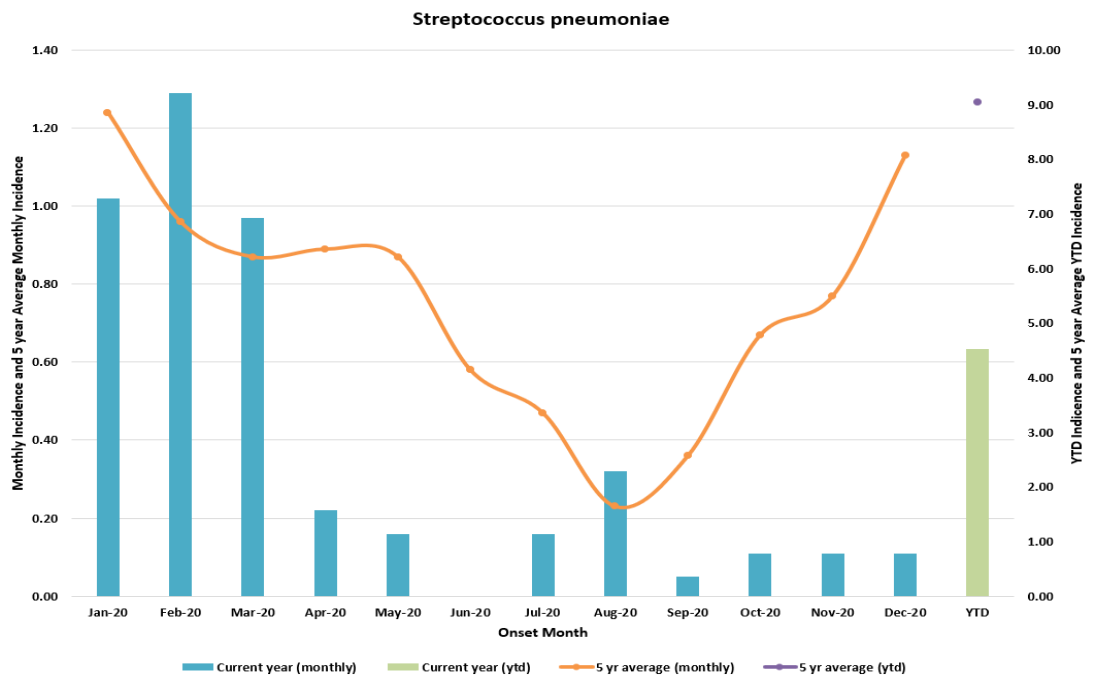
## Group B streptococcus

With 5 cases reported, the incidence of invasive Group B streptococcal (GBS) disease in the tri-county area was 0.27 per 100,000 population in December, which is 54% lower than the 5-year monthly average (0.59 per 100,000). The 2020 year-to-date incidence (9.99 per 100,000) is 17% higher than the 5-year YTD average (8.55 per 100,000). In 2020, 5 cases occurred in infants <7 days of age and were classified as early-onset invasive GBS disease; 3 cases occurred in infants 7-89 days of age and were classified as late-onset invasive GBS disease.



## Streptococcus pneumoniae

With 2 cases reported, the incidence of invasive pneumococcal disease (IPD) in the tri-county area was 0.11 per 100,000 population in December, which is 90% lower than the 5-year monthly average (1.13 per 100,000). The 2020 year-to-date incidence (4.52 per 100,000) is 50% lower than the 5-year YTD average (9.04 per 100,000).



## Contact Us

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