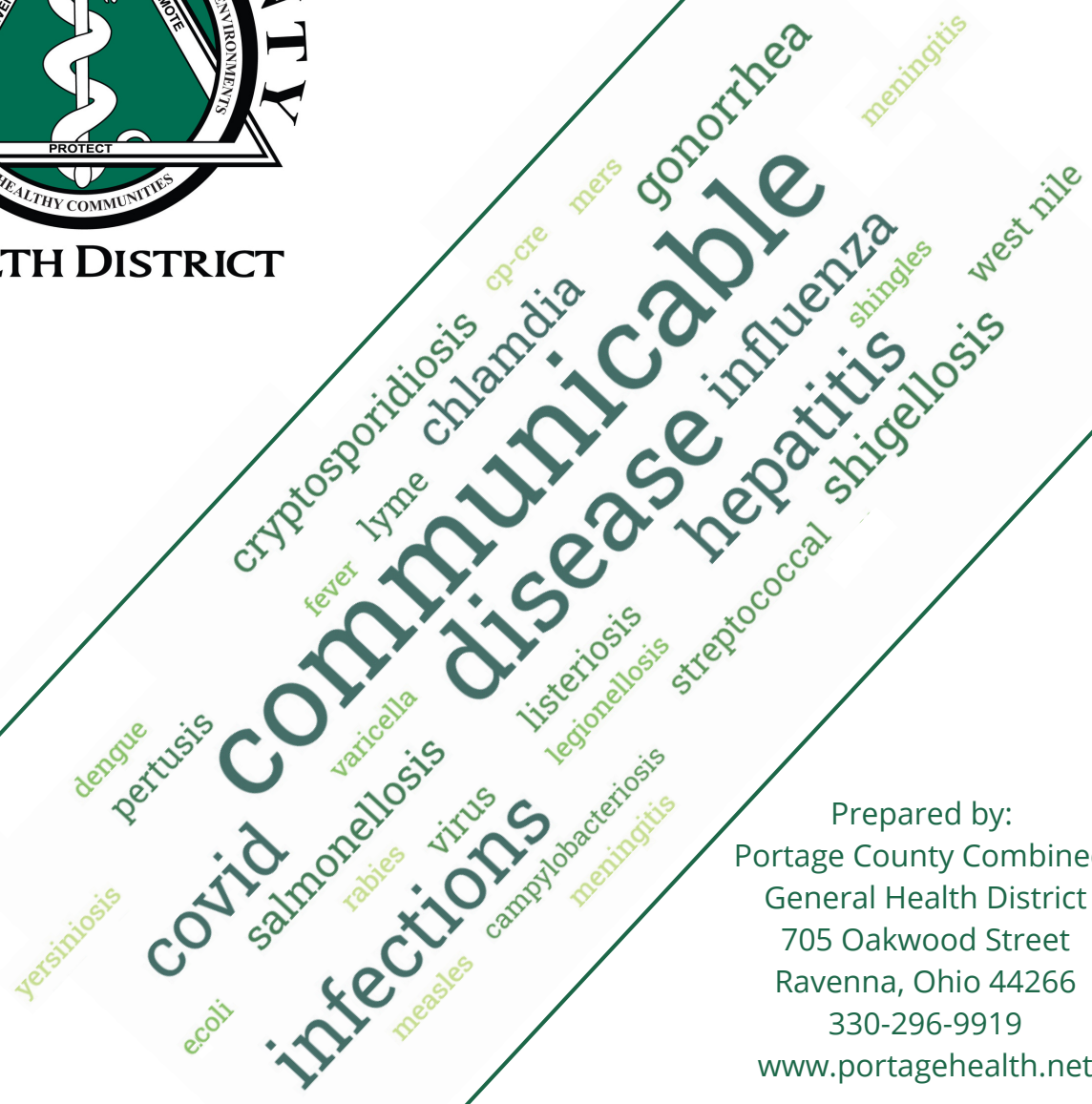
2021 PORTAGE COUNTY COMMUNICABLE DISEASE REPORT

PORTAGE COUNTY HEALTH DISTRICT



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INTRODUCTION

This annual report provides an epidemiological summary of communicable diseases (also called "infectious diseases") reported to the Portage County Combined General Health District (PCHD) in 2021. Ohio Administrative Code 3701-3-02 reads, that diseases classified as Class "A", "B" and C" can cause potential harm to public health and are to be reported to the board of health. Although COVID-19 is not specifically listed (see Pg 15 & 16) it is classified as a Class "A" disease and is considered "an unexpected pattern of cases, suspected cases, deaths or increased incidence of any other disease of major public health concern, because of the severity of disease or potential for epidemic spread, which may indicate a newly recognized infectious agent." (1, 2)

A standard reporting case definition has been set for most reportable conditions by the Center for Disease, Control and Prevention (CDC), the Council of State and Territorial Epidemiologists (CSTE), and the Ohio Infectious Disease Control Manual (IDCM) (3, 4). These case definitions may differ from the criteria used to make a clinical diagnosis.

COVID-19

Staff at PCHD routinely work on disease surveillance and cases investigations. On March 13, 2020, PCHD received notification of the first COVID-19 case within the county. COVID-19 is a respiratory illness that is caused by the SARS-CoV-2 virus. This virus spreads easily through respiratory droplets from an infected person. Cumulatively, the case counts reported for this disease to the health district overshadowed all other communicable disease reporting. To account for this high volume and to identify trends, several data tables and graphs will have COVID-19 removed and displayed in another graphic. PCHD began routine reporting of COVID-19 case counts internally and to community partners in March 2020. For more details on the data reports available, please visit the PCHD website (portagehealth.net).

DATA SOURCES

Data in this report is presented primarily as counts of cases or as incidence rates per 100,000 persons. When more than one year of data is presented, then the incidence rates are calculated per 100,000 person-years. Incidence rates are the number of new cases of a disease within a specified period divided by the total population at risk in that time period. Population estimates were pulled from the U.S. Census for 2019 and 2020 (5). Data used in this report are reportable conditions in the Ohio Disease Reporting System (ODRS) where the onset of the disease was between January 1, 2017, to December 31, 2021. These numbers include confirmed and probable cases. Cases that were deemed "not a case" or "suspected" were removed from the analysis.

Any questions regarding this report can be directed to Penny Paxton, Epidemiologist at Portage County Health District (ppaxton@portagehealth.net).

Demographic Profile

Table 1: Portage County Population by Gender, 2020

Gender	Population	Percent (%)
Female	82,748	50.9
Male	79,728	49.1
Total	**162,476**	**100**

Table 2: Portage County Population by Race, 2020

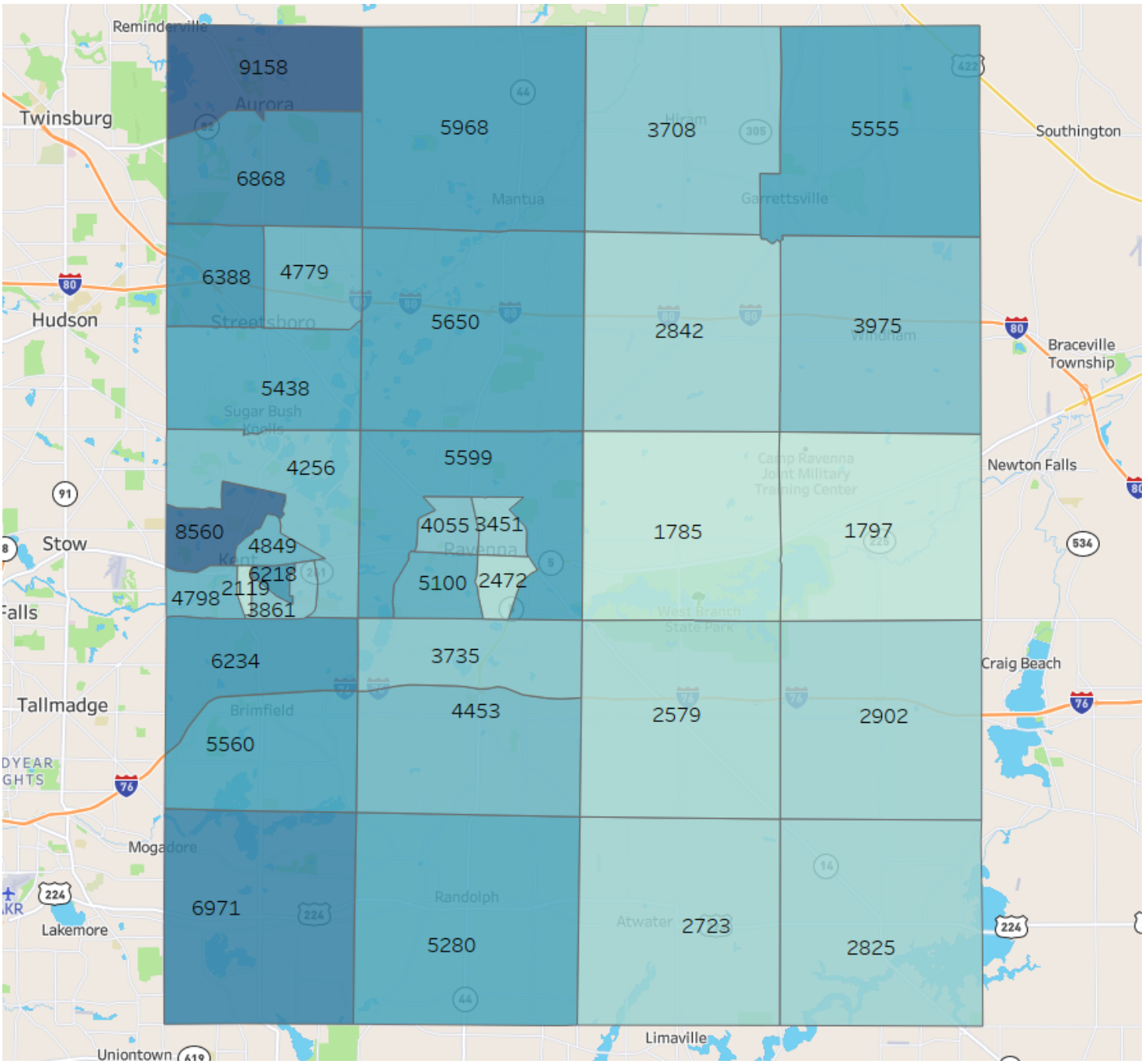
Race	Population	Percent (%)
White	145,759	89.7
Black or African American	7,108	4.4
Two or More Races	5,652	3.5
Asian	3,046	1.9
Other	700	0.4
American Indian and Alaskan Native	155	0.1
Total	**162,476**	**100**

Table 3: Portage County Population by Age Group, 2020

Age Group	Population	Percent (%)
Under 5 years	7,411	4.6
5 to 19 years	30,691	18.8
20 to 34 years	36,911	22.7
35 to 59 years	49,337	30.4
60 years and older	38,126	23.5
Total	**162,476**	**100**

Demographic Profile

Below is a map of the U.S. Census 2020 estimated population for Portage County by census tract (5).



Counts and Rates of Communicable Disease

Table 4: Portage County Counts and Rates of Communicables Diseases for 2017-2021

Class	Reportable Condition	2017		2018		2019		2020		2021	
		Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate
	Enteric Disease										
B	Campylobacteriosis	17	10.5	28	17.2	28	17.2	16	9.8	25	15.4
B	Cryptosporidiosis	8	4.9	10	6.2	6	3.7	1	0.6	5	3.1
B	E. coli, Shiga Toxin-Producing		0.0	10	6.2	9	5.5	7	4.3	15	9.2
B	Listeriosis					2	1.2	2	1.2	1	0.6
B	Salmonellosis	14	8.6	16	9.8	30	18.5	15	9.2	14	8.6
B	Shigellosis	2	1.2	1	0.6			3	1.8	4	2.5
B	Yersiniosis	2	1.2	2	1.2	2	1.2			1	0.6
	Hepatitis Infections										
B	Hepatitis A		0.0	2	1.2	26	16.0			1	0.6
B	Hepatitis B - chronic	25	15.4	25	15.4	21	12.9	13	8.0	14	8.6
B	Hepatitis B - acute	4	2.5	3	1.8	1	0.6	1	0.6	1	0.6
B	Hepatitis C - Perinatal Infection			1	0.6	1	0.6				
B	Hepatitis C - acute	5	3.1	3	1.8	4	2.5	1	0.6	1	0.6
B	Hepatitis C - chronic	168	103.4	112	68.9	122	75.1	113	69.5	105	64.6
	Respiratory Diseases/Infections										
A	COVID-19							8010	4928.9	21782	13403.4
B	Influenza-associated hospitalization	148	91.1	206	126.8	138	84.9	117	72.0	4	2.5
B	Legionellosis	12	7.4	14	8.6	11	6.8	6	3.7	11	6.8
	Sexually Transmitted Diseases										
B	Chlamydia infection	573	352.6	704	433.2	725	446.1	628	386.4	535	329.2
B	Gonococcal infection	108	66.5	110	67.7	134	82.5	173	106.5	193	118.8
B	Syphilis			2	1.2	2	1.2	3	1.8	2	1.2
	Vaccine-Preventable										
B	Mumps	1	0.6			2	1.2				
B	Meningitis - aseptic/viral	1	0.6	8	4.9	3	1.8	1	0.6	1	0.6
B	Pertussis	9	5.5	10	6.2	8	4.9	4	2.5	3	1.8
B	Varicella	6	3.7	3	1.8	3	1.8	2	1.2	1	0.6

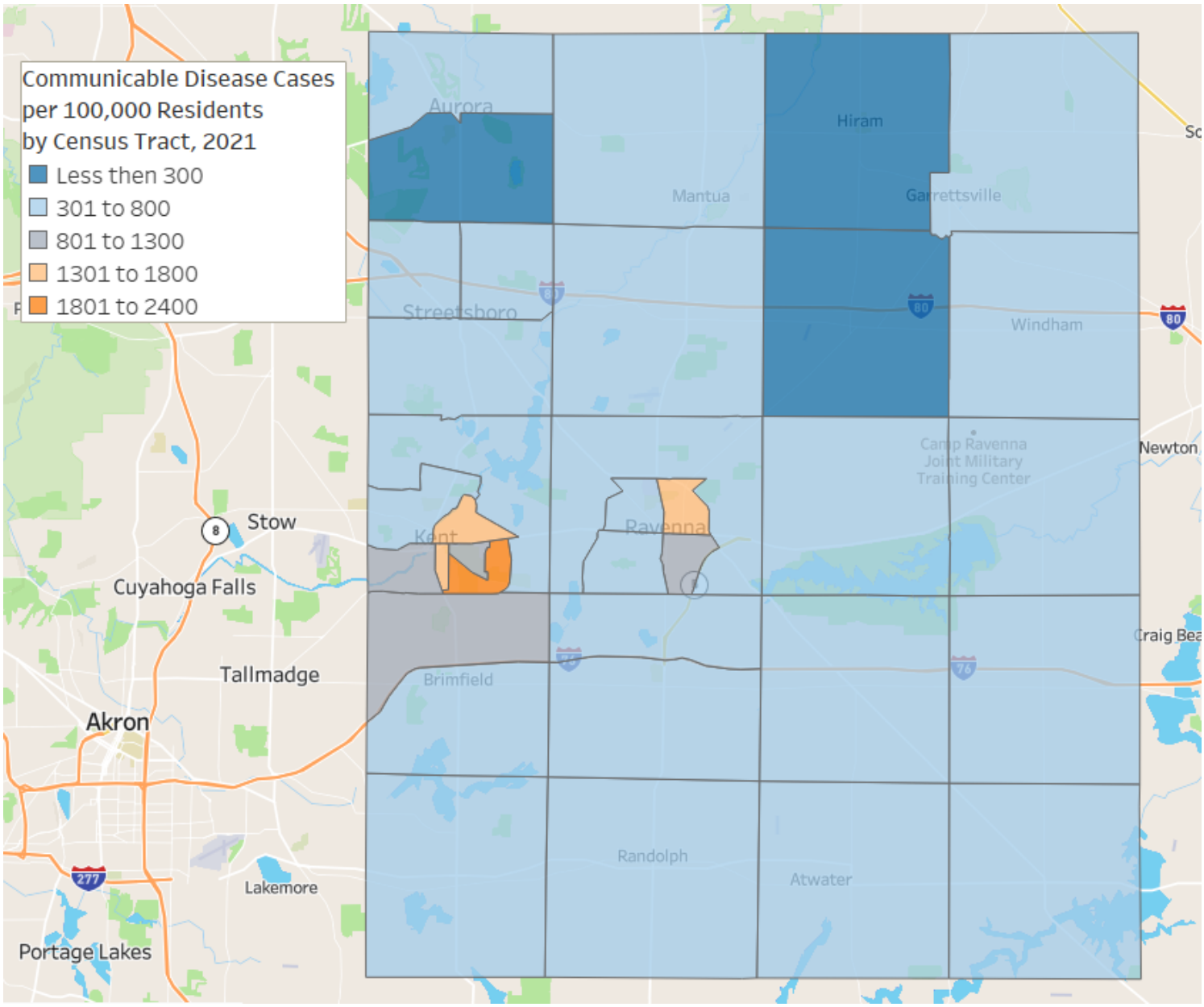
Counts and Rates of Communicable Disease

Table 4: Portage County Counts and Rates of Communicables Diseases for 2017-2021

Class	Reportable Condition	2017		2018		2019		2020		2021	
		Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate
	Vector borne and Zoonotic Disease										
B	Anaplasmosis-Anaplasma phagocytophilum							1	0.6		
B	Dengue					1	0.6				
B	Ehrlichiosis-Ehrlichia chaffeensis			1	0.6						
B	LaCrosse virus disease					1	0.6	1	0.6		
B	Leptospirosis			1	0.6						
B	Lyme Disease	7	4.3	5	3.1	13	8.0	6	3.7	18	11.1
B	West Nile Virus Disease	1	0.6								
	General Infectious Diseases										
B	Botulism - infant							1	0.6		
B	Coccidioidomycosis	1	0.6								
B	CP-CRE		0.0	5	3.1	4	2.5	2	1.2	4	2.5
B	Creutzfeldt-Jakob Disease			1	0.6	2	1.2				
B	Cyclosporiasis			1	0.6			1	0.6		
B	Giardiasis	1	0.6	6	3.7	4	2.5	6	3.7	2	1.2
B	Haemophilus influenzae					3	1.8	3	1.8		
B	Meningitis - bacterial (Not N. meningitidis)	3	1.8			1	0.6			1	0.6
	MIS-C associated with COVID-19									3	1.8
B	Mycobacterial disease - other than tuberculosis	3	1.8								
B	Spotted Fever Rickettsiosis					2	1.2				
B	Streptococcus pneumoniae - invasive	8	4.9	17	10.5	12	7.4	8	4.9	6	3.7
B	Streptococcal - Group A -invasive	5	3.1	4	2.5	11	6.8	9	5.5	1	0.6
B	Streptococcal - Group B - in newborn					1	0.6	3	1.8		
B	Streptococcal toxic shock syndrome (STSS)			1	0.6						
B	Tuberculosis	2	1.2			1	0.6				
B	Vibriosis					3	1.8	1	0.6	1	0.6
	Grand Total	**1134**	**697.8**	**1312**	**807.3**	**1337**	**822.7**	**9158**	**5635.3**	**22755**	**14002.1**

Counts and Rates of Communicable Disease

Below is a map of Portage County's communicable diseases rates by census tract. This graphic does not include COVID-19 rates because 95.7% of cases for 2021 were COVID-19 cases.



Counts and Rates of Communicable Disease

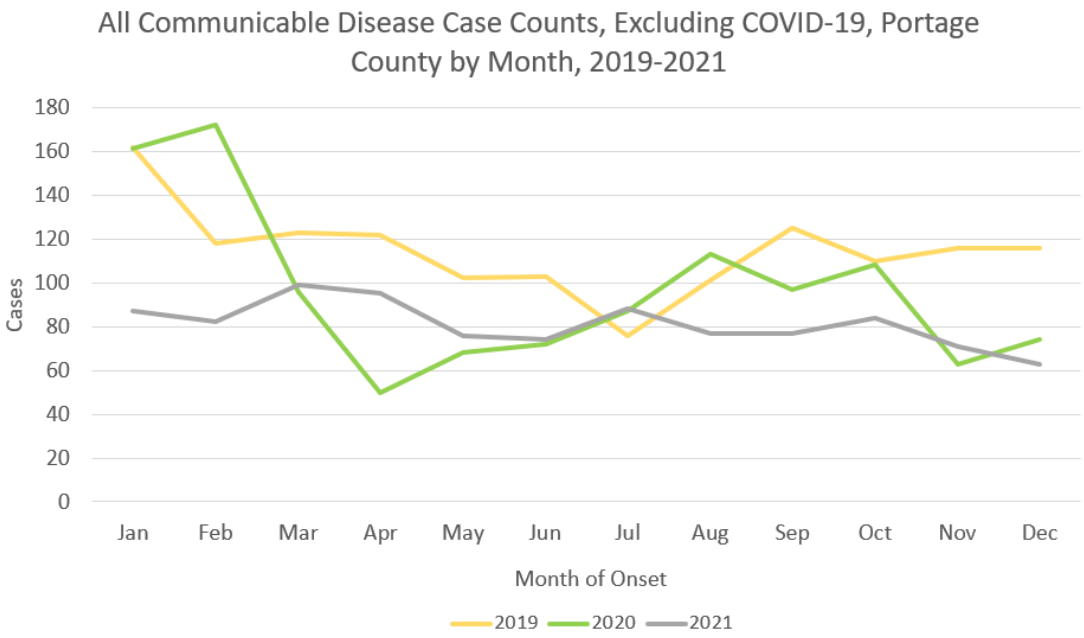
Table 5: Portage County Reportable Conditions, *Case Counts, **2021**

Reportable Conditions	Kent City		Portage County (excluding Kent City)		Total Case Count	% of Total CD Cases for Portage
	Case Count	% of Cases	Case Count	% of Cases		
Campylobacteriosis	1	4.0%	24	96.0%	25	2.6%
Chlamydia infection	216	40.4%	319	59.6%	535	55.0%
CP-CRE	1	25.0%	3	75.0%	4	0.4%
Cryptosporidiosis	2	40.0%	3	60.0%	5	0.5%
E. coli, Shiga Toxin-Producing	2	13.3%	13	86.7%	15	1.5%
Giardiasis		0.0%	2	100.0%	2	0.2%
Gonococcal infection	78	40.4%	115	59.6%	193	19.8%
Hepatitis A		0.0%	1	100.0%	1	0.1%
Hepatitis B (including delta) - acute		0.0%	1	100.0%	1	0.1%
Hepatitis B (including delta) - chronic	1	7.1%	13	92.9%	14	1.4%
Hepatitis C - acute		0.0%	1	100.0%	1	0.1%
Hepatitis C - chronic	13	12.4%	92	87.6%	105	10.8%
Influenza-associated hospitalization		0.0%	4	100.0%	4	0.4%
Legionellosis		0.0%	11	100.0%	11	1.1%
Listeriosis		0.0%	1	100.0%	1	0.1%
Lyme Disease	2	11.1%	16	88.9%	18	1.8%
Meningitis - aseptic/viral		0.0%	1	100.0%	1	0.1%
Meningitis - bacterial	1	100.0%		0.0%	1	0.1%
MIS-C associated with COVID-19	1	33.3%	2	66.7%	3	0.3%
Pertussis		0.0%	3	100.0%	3	0.3%
Salmonellosis	1	7.1%	13	92.9%	14	1.4%
Shigellosis		0.0%	4	100.0%	4	0.4%
Streptococcal - Group A -invasive		0.0%	1	100.0%	1	0.1%
Streptococcus pneumoniae	1	16.7%	5	83.3%	6	0.6%
Syphilis - unknown duration or late	1	50.0%	1	50.0%	2	0.2%
Varicella	1	100.0%		0.0%	1	0.1%
Vibriosis (not cholera)		0.0%	1	100.0%	1	0.1%
Yersiniosis		0.0%	1	100.0%	1	0.1%
Grand Total	**322**	**33.1%**	**651**	**66.9%**	**973**	**100%**

*Case counts include confirmed and probable cases based on the date of event. COVID-19 was removed from this chart because 95.7% of cases for the year 2021 were COVID-19 cases. Purpose of this table is to identify reportable diseases prevalence in addition to COVID-19.

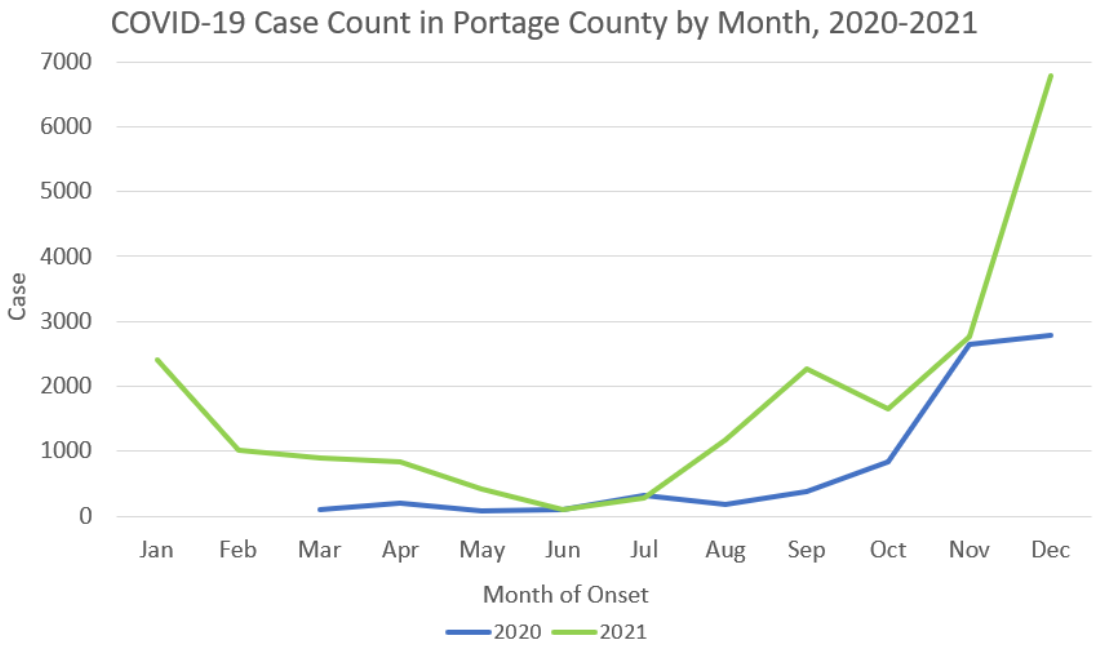
**Within the table the percentage is the number of cases within each jurisdiction. Column "% of Total Cases" if for the entire Portage County.

Counts and Rates of Communicable Disease COVID-19



Cases reported in Portage County for COVID-19 reached record high numbers. On December 30, 2021 601 cases were reported in one day.

The first case of COVID-19 was reported to PCHD on March 13, 2020. The graph to the right shows the number of cases reported over two years by month for COVID-19 cases.



Additional in-depth counts and rates for COVID-19 can be found on the Portage County Combined General Health District Website.

Top Communicable Diseases in Portage County by Gender

Table 6a: Top Communicable Diseases in Portage County by Gender*, **2021**

Female

Reportable Conditions	Count	Rate
Chlamydia infection	350	423.0
Gonococcal infection	88	106.3
Hepatitis C - chronic	62	74.9
Campylobacteriosis	14	16.9
E. coli, Shiga Toxin-Producing	10	12.1
Legionellosis	9	10.9
Hepatitis B - chronic	6	7.3
Salmonellosis	4	4.8
Lyme Disease	4	4.8
Pertussis	3	3.6
Total Reportable Condition*	**570**	**688.8**

Male

Reportable Conditions	Count	Rate
Chlamydia infection	185	232.0
Gonococcal infection	105	131.7
Hepatitis C - chronic	43	53.9
Lyme Disease	14	17.6
Campylobacteriosis	11	13.8
Salmonellosis	10	12.5
Hepatitis B - chronic	8	10.0
E. coli, Shiga Toxin-Producing	5	6.3
Cryptosporidiosis	4	5.0
CP-CRE	3	3.8
Total Reportable Condition*	**403**	**505.5**

Due to incomplete records, there are 6 records without gender.

*Total reportable conditions numbers are for all the reportable conditions in that period. The table is displaying the top 10 conditions for that period. COVID-19 was removed from this chart because cases for the year 2020 and 2021 were predominately COVID-19 cases. Purpose of this table is to identify reportable diseases prevalence in addition to COVID-19.

**The rate for a five year period is an incidence rate per 100,000 person-year and the rate for the singular year is an incidence rate per 100,000 person.

Table 6b: Top Communicable Diseases in Portage County by Gender*, **2017-2021**

Female

Reportable Conditions	Count	Rate
Chlamydia infection	2127	514.1
Gonococcal infection	360	87.0
Influenza-associated hospitalization	295	71.3
Hepatitis C - chronic	275	66.5
Campylobacteriosis	58	14.0
Salmonellosis	49	11.8
Hepatitis B - chronic	37	8.9
Legionellosis	32	7.7
E. coli, Shiga Toxin-Producing	25	6.0
Pertussis	19	4.6
Total Reportable Condition*	**3432**	**829.5**

Male

Reportable Conditions	Count	Rate
Chlamydia infection	1038	260.4
Gonococcal infection	358	89.8
Hepatitis C - chronic	345	86.5
Influenza-associated hospitalization	315	79.0
Hepatitis B - chronic	61	15.3
Campylobacteriosis	54	13.5
Salmonellosis	40	10.0
Lyme Disease	31	7.8
Legionellosis	22	5.5
Hepatitis A	21	5.3
Total Reportable Condition*	**2466**	**618.6**

*Total reportable conditions numbers are for all the reportable conditions in that period. The table is displaying the top 10 conditions for that period. COVID-19 was removed from this chart because 95.7% of cases for the year 2021 were COVID-19 cases. Purpose of this table is to identify reportable diseases prevalence in addition to COVID-19.

Top Communicable Diseases in Portage County by Race

Table 7a: Top Communicable Diseases in Portage County by Race*, **2021**

Reportable Condition	White		Black		Asian		Other *	
	Count	Rate	Count	Rate	Count	Rate	Count	Rate
Chlamydia infection	280	192.1	103	1449.1			33	4714.3
Gonococcal infection	97	66.5	63	886.3			17	2428.6
Hepatitis C - chronic/acute	78	52.8	7	98.5			5	714.3
Campylobacteriosis	24	16.5						
Lyme Disease	15	10.3						
E. coli, Shiga Toxin-Producing	14	9.6	1	14.1				
Legionellosis	11	7.5						
Hepatitis B (including delta) - chronic	6	4.1	1	14.1	3	98.489823	1	142.9
Cryptosporidiosis	5	3.4						
Streptococcus pneumoniae***	4	2.7						
Total Reportable Condition**	**575**	**394.5**	**177**	**2490.2**	**4**	**131.3**	**57**	**8142.9**

Due to incomplete records there are 160 records without race.

*Category "Other" does not include categories of unknown, White, Black or Asian.

**Total reportable conditions numbers are for all the reportable conditions in that period. The table is displaying the top conditions for that period. COVID-19 was removed from this chart because cases for the year 2020 and 2021 were predominately COVID-19 cases. Purpose of this table is to identify reportable diseases prevalence in addition to COVID-19.

***Streptococcus pneumoniae includes invasive antibiotic resistant/intermediate, resistance unknown or non-resistant

Table 7b: Top Communicable Diseases in Portage County by Race*, **2017-2021**

Reportable Condition	White		Black		Asian		Other*	
	Count	Rate	Count	Rate	Count	Rate	Count	Rate
Chlamydia infection	1655	227.1	631	1775.5	20	131.3	203	5800.0
Influenza-associated hospitalization	556	76.3	24	67.5	2	13.1	14	400.0
Hepatitis C - chronic/acute	481	66.0	20	56.3	1	6.6	28	800.0
Gonococcal infection	347	47.6	223	627.5			57	1628.6
Campylobacteriosis	99	13.6	2	5.6	1	6.6	2	57.1
Salmonellosis	78	10.7	1	2.8			2	57.1
Hepatitis B - chronic/acute	69	9.5	11	31.0	10	65.7	5	142.9
Streptococcus pneumoniae***	49	6.7	2	5.6				
Legionellosis	45	6.2	1	2.8			2	57.1
Lyme Disease	40	5.5						
E. coli, Shiga Toxin-Producing	35	4.8	3	8.4				
Pertussis	31	4.3					1	28.6
Cryptosporidiosis	27	3.7	1	2.8				
Hepatitis A	26	3.6	2	5.6				
Streptococcal - Group A -invasive	26	3.6	1	2.8	1	6.6	1	28.6
Meningitis - aseptic/viral	14	1.9						
Giardiasis	13	1.8	2	5.6	1	6.6	2	57.1
Total Reportable Condition**	**3676**	**504.4**	**929**	**2614.0**	**40**	**262.6**	**323**	**9228.6**

Due to incomplete records there are 939 records without race. The rate for this table is a five year period so an incidence rate per 100,000 person-year was used.

*Category "Other" does not include categories of unknown, White, Black or Asian.

**Total reportable conditions numbers are for all the reportable conditions in that period. The table is displaying the top conditions for that period. COVID-19 was removed from this chart because cases for the year 2020 and 2021 were predominately COVID-19 cases. Purpose of this table is to identify reportable diseases prevalence in addition to COVID-19.

***Streptococcus pneumoniae includes invasive antibiotic resistant/intermediate, resistance unknown or non-resistant

Top Communicable Diseases in Portage County

Table 8a: Top Communicable Diseases in Portage County by Age*, **2021**

Under 5 years

Reportable Condition	Rate
Salmonellosis	40.5
Campylobacteriosis	13.5
Cryptosporidiosis	13.5
MIS-C associated with COVID-19	13.5
Pertussis	13.5

5 to 19 Years of Age*

Reportable Condition	Rate
Chlamydia infection	495.3
Gonococcal infection	120.6
Lyme Disease	19.5
Cryptosporidiosis	6.5
E. coli, Shiga Toxin-Producing	6.5

20 to 34 Years of Age

Reportable Condition	Rate
Chlamydia infection	959.1
Gonococcal infection	354.9
Hepatitis C - chronic/acute	73.1
E. coli, Shiga Toxin-Producing	19.0
Hepatitis B - chronic/acute	10.8

35 to 59 Years of Age

Reportable Condition	Rate
Hepatitis C - chronic/acute	91.2
Chlamydia infection	54.7
Gonococcal infection	40.5
Campylobacteriosis	20.3
Hepatitis B - chronic/acute	20.3

60 or older

Reportable Condition	Rate
Hepatitis C - chronic/acute	89.2
Campylobacteriosis	28.9
Legionellosis	28.9
Gonococcal infection	13.1
Lyme Disease	13.1

Only one record did not have age.

*The youngest chlamydia case was fourteen years of age and the youngest gonococcal case was fifteen years of age.

Top Communicable Diseases in Portage County

Table 8b: Top Communicable Diseases in Portage County by Age*, **2017-2021**

Under 5 years

Reportable Condition	Rate
Influenza-associated hospitalization	37.8
Salmonellosis	29.7
Pertussis	16.2
Meningitis - aseptic/viral	13.5
Campylobacteriosis	13.5

5 to 19 Years of Age*

Reportable Condition	Rate
Chlamydia infection	2997.6
Gonococcal infection	410.5
Pertussis	61.9
Influenza-associated hospitalization	52.1
Campylobacteriosis	48.9

20 to 34 Years of Age

Reportable Condition	Rate
Chlamydia infection	1131.4
Gonococcal infection	254.7
Hepatitis C - chronic/acute	115.4
Influenza-associated hospitalization	20.0
Hepatitis B - chronic/acute	14.6

35 to 59 Years of Age

Reportable Condition	Rate
Hepatitis C - chronic/acute	108.2
Chlamydia infection	60.4
Influenza-associated hospitalization	47.0
Gonococcal infection	41.8
Hepatitis B - chronic/acute	23.1

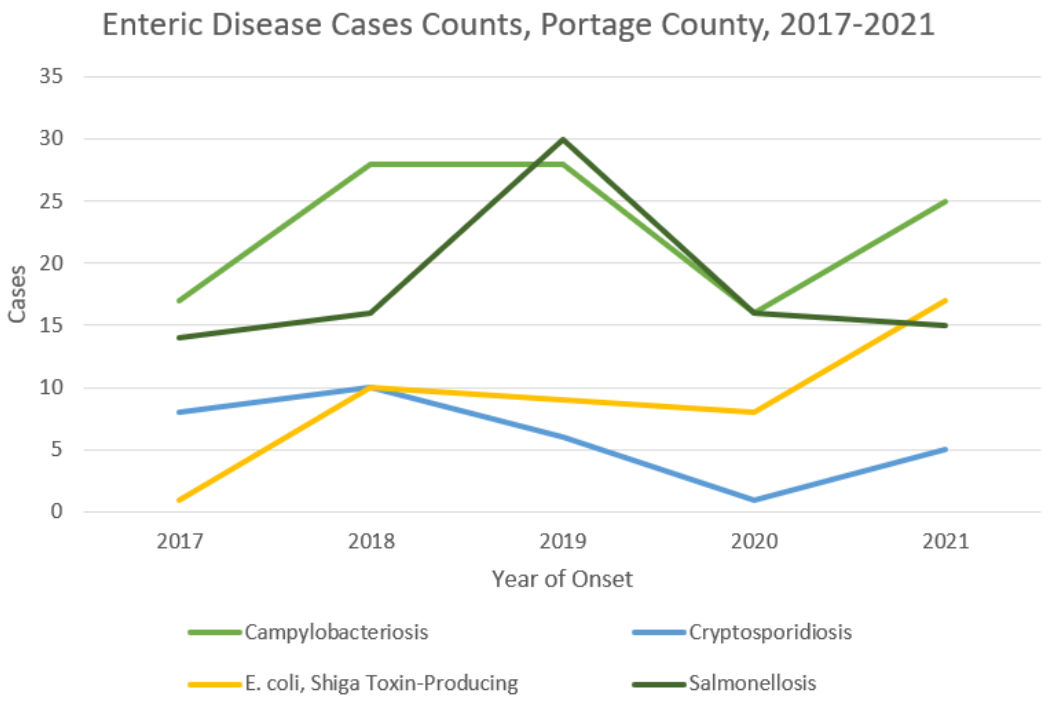
60 or older

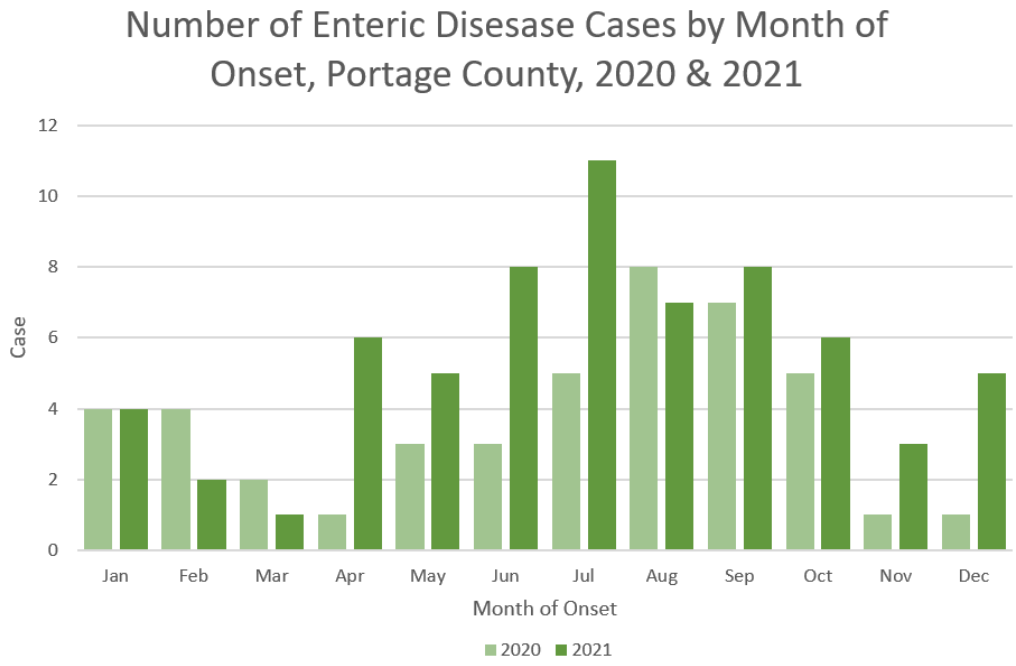
Reportable Condition	Rate
Influenza-associated hospitalization	225.0
Hepatitis C - chronic/acute	78.2
Campylobacteriosis	20.5
Legionellosis	17.8
Streptococcus pneumoniae	17.8

Eight records did not have age.

*The youngest chlamydia case was thirteen years of age and the youngest gonococcal case was fifteen years of age.

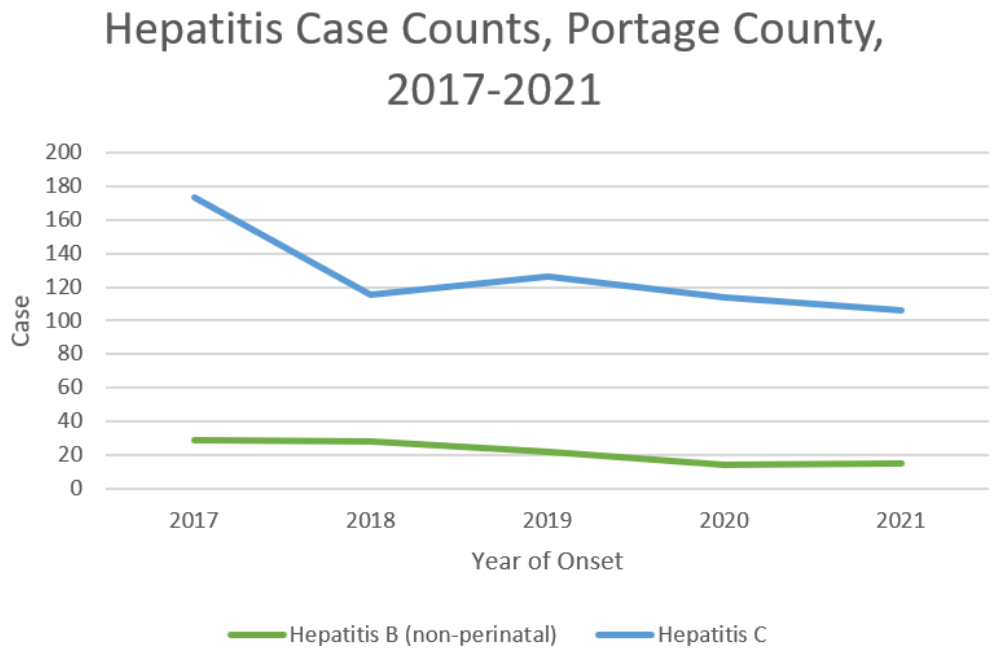
Enteric Disease Trends



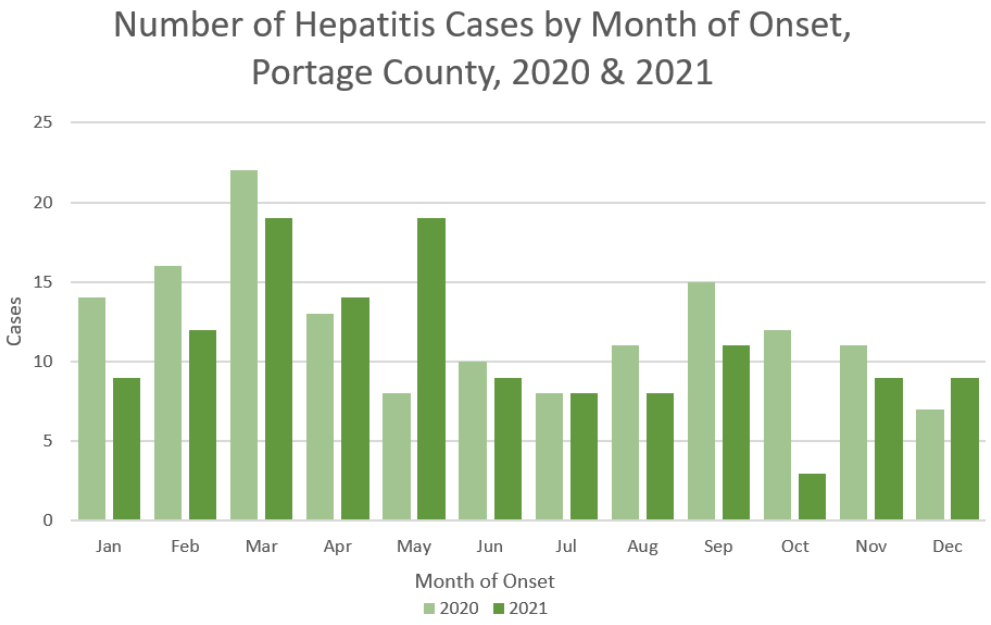


The graph to the left shows the number of cases reported over two years by month for Campylobacteriosis, Cryptosporidiosis, E. coli, Shiga Toxin-Producing, Listeriosis, Salmonellosis, Shigellosis and Yersiniosis.

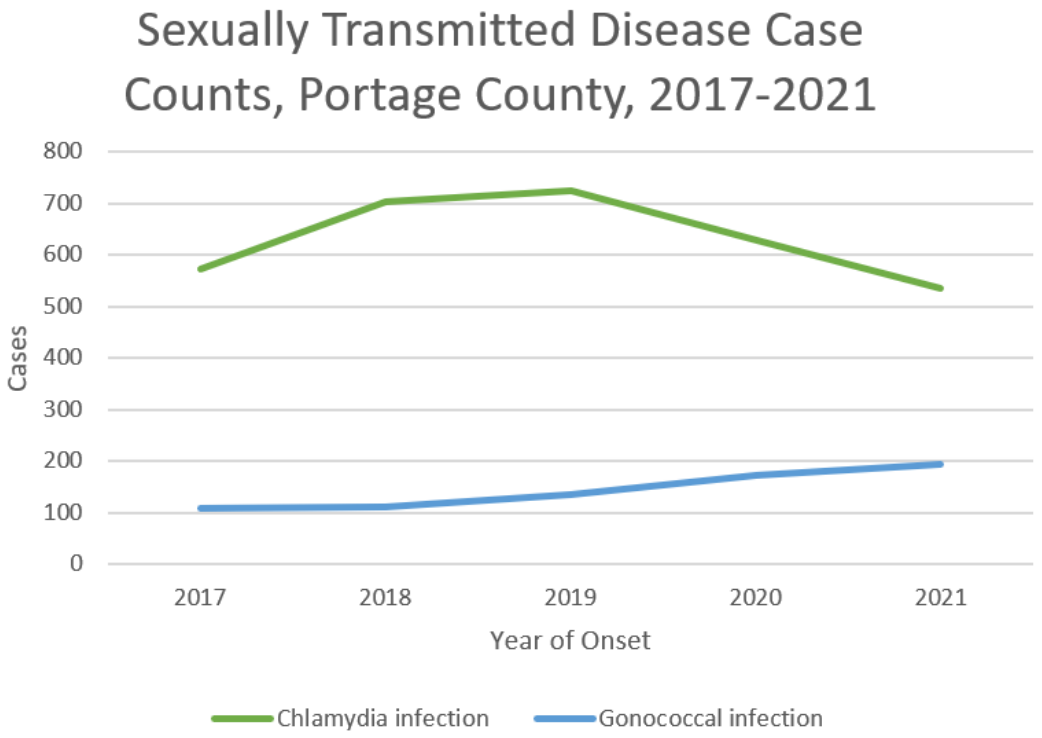
Hepatitis Trends

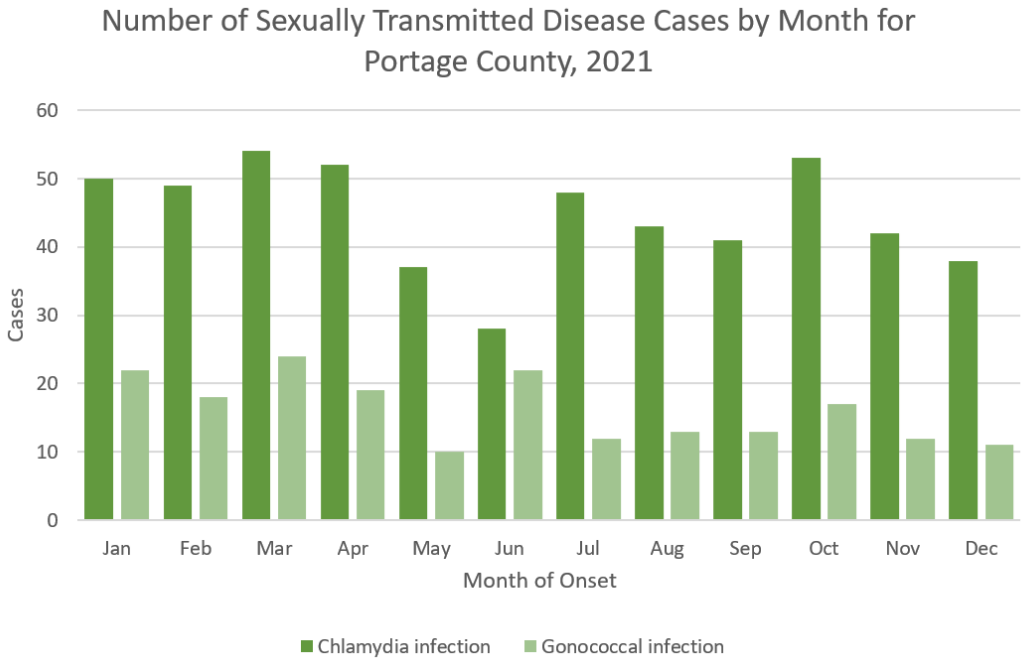


The graph to the right shows the number of cases reported over two years by month for Hepatitis A, B (chronic and acute) and C (chronic and acute) .



Sexually Transmitted Deseases Trends





The graph to the left shows the number of cases reported by month for Chlamydia and Gonococcal infections in 2021

Know Your ABCs: A Quick Guide to Reportable Infectious Diseases in Ohio

From the Ohio Administrative Code Chapter 3701-3; Effective August 1, 2019

Class A:

Diseases of major public health concern because of the severity of disease or potential for epidemic spread – report immediately via telephone upon recognition that a case, a suspected case, or a positive laboratory result exists.

- Anthrax
- Botulism, foodborne
- Cholera
- Diphtheria
- Influenza A – novel virus infection
- Measles
- Meningococcal disease
- Middle East Respiratory Syndrome (MERS)
- Plague
- Rabies, human
- Rubella (not congenital)
- Severe acute respiratory syndrome (SARS)
- Smallpox
- Tularemia
- Viral hemorrhagic fever (VHF), including Ebola virus disease, Lassa fever, Marburg hemorrhagic fever, and Crimean-Congo hemorrhagic fever

Any unexpected pattern of cases, suspected cases, deaths or increased incidence of any other disease of major public health concern, because of the severity of disease or potential for epidemic spread, which may indicate a newly recognized infectious agent, outbreak, epidemic, related public health hazard or act of bioterrorism.

Class B:

Disease of public health concern needing timely response because of potential for epidemic spread – report by the end of the next business day after the existence of a case, a suspected case, or a positive laboratory result is known.

- Amebiasis
- Arboviral neuroinvasive and non-neuroinvasive disease:
  - Chikungunya virus infection
  - Eastern equine encephalitis virus disease
  - LaCrosse virus disease (other California serogroup virus disease)
  - Powassan virus disease
  - St. Louis encephalitis virus disease
  - West Nile virus infection
  - Western equine encephalitis virus disease
  - Yellow fever
  - Zika virus infection
  - Other arthropod-borne diseases
- Babesiosis
- Botulism
  - Infant
  - Wound
- Brucellosis
- Campylobacteriosis
- *Candida auris*
- Carbapenemase-producing carbapenem-resistant Enterobacteriaceae (CP-CRE)
  - CP-CRE *Enterobacter* spp.
  - CP-CRE *Escherichia coli*
  - CP-CRE *Klebsiella* spp.
  - CP-CRE other
- Chancroid
- *Chlamydia trachomatis* infections
- Coccidioidomycosis
- Creutzfeldt-Jakob disease (CJD)
- Cryptosporidiosis
- Cyclosporiasis
- Dengue
- *E. coli* O157:H7 and Shiga toxin-producing *E. coli* (STEC)
- Ehrlichiosis/anaplasmosis
- Giardiasis
- Gonorrhea (*Neisseria gonorrhoeae*)
- *Haemophilus influenzae* (invasive disease)
- Hantavirus
- Hemolytic uremic syndrome (HUS)
- Hepatitis A
- Hepatitis B (non-perinatal)
- Hepatitis B (perinatal)
- Hepatitis C (non-perinatal)
- Hepatitis C (perinatal)
- Hepatitis D (delta hepatitis)
- Hepatitis E
- Influenza-associated hospitalization
- Influenza-associated pediatric mortality
- Legionnaires' disease
- Leprosy (Hansen disease)
- Leptospirosis
- Listeriosis
- Lyme disease
- Malaria
- Meningitis:
  - Aseptic (viral)
  - Bacterial
- Mumps
- Pertussis
- Poliomyelitis (including vaccine-associated cases)
- Psittacosis
- Q fever
- Rubella (congenital)
- *Salmonella* Paratyphi infection
- *Salmonella* Typhi infection (typhoid fever)
- Salmonellosis
- Shigellosis
- Spotted Fever Rickettsiosis, including Rocky Mountain spotted fever (RMSF)
- *Staphylococcus aureus*, with resistance or intermediate resistance to vancomycin (VRSA, VISA)
- Streptococcal disease, group A, invasive (IGAS)
- Streptococcal disease, group B, in newborn
- Streptococcal toxic shock syndrome (STSS)
- *Streptococcus pneumoniae*, invasive disease (ISP)
- Syphilis
- Tetanus
- Toxic shock syndrome (TSS)
- Trichinellosis
- Tuberculosis (TB), including multi-drug resistant tuberculosis (MDR-TB)
- Varicella
- Vibriosis
- Yersiniosis

Class C:

Report an outbreak, unusual incident or epidemic of other diseases (e.g. histoplasmosis, pediculosis, scabies, staphylococcal infections) by the end of the next business day.

Outbreaks:

- Community
- Foodborne
- Healthcare-associated
- Institutional
- Waterborne
- Zoonotic

NOTE:

Cases of AIDS (acquired immune deficiency syndrome), AIDS-related conditions, HIV (human immunodeficiency virus) infection, perinatal exposure to HIV, all CD4 T-lymphocyte counts and all tests used to diagnose HIV must be reported on forms and in a manner prescribed by the Director.

Ohio Department of Health

References

1. Ohio Laws & Administrative Rules; Ohio Administrative Code, Chapter 3701-3, Communicable Disease: https://codes.ohio.gov/ohio-administrative-code/rule-3701-3-02
2. Ohio Department of Health "Ohio Disease Reporting System." https://odh.ohio.gov/know-our-programs/ohio-disease-reporting-system
3. Ohio Department of Health; Infectious Disease Control Manual (IDCM); Section3; https://odh.ohio.gov/know-our-programs/infectious-disease-control-manual/infectious-disease-control-manual
4. Center for Disease and Prevention; National Notifiable Diseases Surveillance System (NNDSS), Case Definition; https://www.cdc.gov/nndss/
5. United States Census Bureau 2019 and 2020 "American Community Survey Demographic and Housing Estimates" https://data.census.gov/cedsci/table?g=0500000US39133%241400000&tid=ACSDP5Y2019.DP05