January 2024

The EpiGram is a monthly publication of the Stark County Reportable and Emerging Disease Network (REDNET). It contains a summary of provisional communicable disease reports and other key public health indicators, with summary tables for each of the four local health department jurisdictions. Some reportable conditions may be under investigation, and, at any given time, data may fluctuate from month to month for a specific category. If you have any questions, please contact Julianna Smith at 330.451.1650 or smithj@starkhealth.org or Kaelyn Boyd at 234.458.5135 or kboyd@cantonhealth.org.



Monthly Highlight: Legionnaires' Disease

Legionnaires' disease (LD) is a serious type of pneumonia caused by the waterborne bacteria *Legionella*. It has an overall seasonal pattern of illness, but cases do occur throughout the year. This January, Stark County had 2 individuals diagnosed with LD, both with differing healthcare exposures in the 14 days prior to illness onset. Healthcare exposures (HCE) are not rare with LD; Stark County averaged 26% of cases with some type of healthcare encounter during their exposure period. In the past, some of these HCEs may have been the source of the disease, however identifying a true source is challenging. In order to prevent and reduce the possibility of healthcare-acquired Legionella and other waterborne illnesses, the Joint Commission recently updated their Infection Prevention and Control Issues in the Environment of Care, 5th edition (October 2023). This document aligns with current Centers for Disease Control and Prevention (CDC) and ASHRAE Guidelines to help prevent the growth and spread of pathogens in hospital water systems. See the table below for a list of bacteria that the JC highlights.

Healthcare providers play a key role in controlling these organisms, through rapid identification, testing and reporting. Additionally, taking measures such as avoiding splashes from sink drains and spray from faucets can reduce the risk of LD. Educating patients on control measures they can take in their own homes, like flushing faucets and showerheads periodically when not in use, can help make patients aware of how they can reduce *Legionella* risks in their own homes.

Organism	Sources
Pseudomonas aeruginosa	Sinks, hydrotherapy pools, whirlpools, water baths, dialysis machines, eyewash stations, flower vases, endoscopes with residual moisture in the channels
Legionella pneumophila	Cooling towers, showers, faucets, room-air humidifiers, decorative fountains, respiratory therapy equipment
Burkholderia cepacia	Dialysis machines, nebulizers, water baths, ventilator temperature probes
Ralstonia pickettii	Fentanyl solutions, chlorhexidine, contaminated respiratory therapy solution
Acinetobacter	Medical equipment that collects moisture (for example, mechanical ventilators, cool mist humidifiers, mist tents, room humidifiers)
Enterobacter	Intravenous fluids, unsterilized cotton swabs, ventilators, rubber piping on a suctioning machine, blood gas analyzers

For More Information:

Infection Prevention and Control Issues in the Environment of Care, 5th edition Preventing Waterborne Germs at Home

Table 1: Select Vital Statistics for Stark County											
	Jan 2024 YTD 2024 2023										
	Live Births	305	305	3915							
	Births to Teens	11	11	215							
	Deaths 428 428 4570										
* Birth and death data are preliminary.											

Source: Joint Commission, chapter 5 Infection Prevention and Control Issues in the Environment of Care, figure 5-1

Table 2: Stark County Crude Birth and Death Rates											
		2019	2020	2021*	2022*	2023*					
	Birth	11.1	10.6	10.6	10.4	10.6					
	Death	12.1	14.3	14.6	13.0	12.5					

*2021-2023 data are preliminary.

**Source: Data Ohio. Rates are per 1,000 population.

Table 3: Summary of Air Quality Index, Pollen, and Mold Counts for Stark County, Ohio, including historical data.

			January 20)24	February 2023				
	Monthly High	Monthly Low	Monthly Median	Counts in highest reported health risk category	Monthly High	Monthly Low	Monthly Median	Counts in highest reported health risk category	
Pollen Count	Data colle	stad saasa	nally and c	urrently net available	Data col	lacted coac	anally and o	urrently net available	
Mold Count	old Count Data collected seasonally and currently not available.				Data collected seasonally and currently not availabl				
Air Quality Index	Quality Index 59 9 27 Good			81	31	50	Moderate (10)		

**See the following websites for updated Air Quality Index and mold index terminology and color coding: http://www.airnow.gov/index.cfm?action=aqibasics.aqi https://pollen.aaaai.org/#/pages/reading-the-levels. Data source for this table is the Air Quality Division of the Canton City Health Department.

Jurisdictional Summary of Select	Alliance		Canton		Massillon		Stark		All	
Reportable Conditions in Stark County, OH	Cit	ty	City		City		County		Departments	
(Provisional Data)	Jan	YTD	Jan	YTD	Jan	YTD	Jan	YTD	Jan	YTD
Campylobacteriosis	1	1	2	2	0	0	3	3	6	6
Chlamydia infection	10	10	77	77	16	16	60	60	163	163
COVID-19	106	106	232	232	118	118	702	702	1,158	1,158
СРО	0	0	0	0	0	0	3	3	3	3
CPO - Colonization Screening	0	0	0	0	0	0	1	1	1	1
Cryptosporidiosis	0	0	0	0	0	0	0	0	0	0
Cyclosporiasis	0	0	0	0	0	0	0	0	0	0
E. coli, Shiga Toxin-Producing (O157:H7, Not O157, Unknown Serotype)	0	0	0	0	0	0	2	2	2	2
Ehrlichiosis-Ehrlichia chaffeensis	0	0	0	0	0	0	0	0	0	0
Giardiasis	0	0	1	1	0	0	1	1	2	2
Gonococcal infection	4	4	34	34	1	1	16	16	55	55
Haemophilus influenzae (invasive disease)	0	0	1	1	0	0	4	4	5	5
Hepatitis B (including delta) - acute	0	0	0	0	0	0	0	0	0	0
Hepatitis B (including delta) - chronic	0	0	0	0	1	1	0	0	1	1
Hepatitis C - acute	0	0	0	0	0	0	0	0	0	0
Hepatitis C - chronic	0	0	4	4	1	1	3	3	8	8
Hepatitis C - Perinatal Infection	0	0	0	0	0	0	0	0	0	0
Influenza-associated hospitalization	4	4	39	39	16	16	63	63	122	122
Legionellosis	0	0	0	0	0	0	2	2	2	2
Listeriosis	0	0	0	0	0	0	0	0	0	0
Lyme Disease	0	0	0	0	0	0	1	1	1	1
Meningitis - aseptic/viral	0	0	0	0	0	0	1	1	1	1
Meningitis - bacterial (Not N. meningitidis)	1	1	0	0	1	1	0	0	2	2
Pertussis	0	0	0	0	0	0	1	1	1	1
Salmonellosis	0	0	2	2	0	0	3	3	5	5
Shigellosis	0	0	0	0	1	1	1	1	2	2
Streptococcal - Group A -invasive	0	0	3	3	0	0	2	2	5	5
Streptococcal - Group B - in newborn	0	0	0	0	0	0	0	0	0	0
Streptococcus pneumoniae - invasive antibiotic resistance unknown or non- resistant	0	0	1	1	1	1	1	1	3	3
Streptococcus pneumoniae - invasive antibiotic resistant/intermediate	0	0	2	2	0	0	0	0	2	2
Syphilis, Total	0	0	8	8	2	2	7	7	17	17
Syphilis, Primary, Secondary and Early Latent	0	0	7	7	1	1	6	6	15	15
Syphilis, Congenital	0	0	0	0	0	0	0	0	0	0
Tuberculosis	0	0	0	0	0	0	1	1	1	1
Varicella	0	0	0	0	0	0	1	1	1	1
Yersiniosis	0	0	0	0	0	0	3	3	3	3
Total	126	126	406	406	158	158	882	882	1,572	1,572
Source: Ohio Disease Reporting System, downloaded 2/22/20		_		L - -					,	,









Jam Jan VTD VTD All of Average Annual Average Campy Obacterity OH (Provisional Data) 2023 2023 2023 2023 2023 Annual Average Campy Iobacterity OH (Provisional Data) 163 151 163 151 1,63 151 1,63 2023 2023 2023 2024 2023 2024 2023 2024 2023 2023 4 64 40 4 64 408 4 64 4 10 4 10 4 10 4 10 4 10 1 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <th></th> <th></th> <th>-</th> <th>-</th> <th>-</th> <th></th> <th></th> <th></th>			-	-	-			
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COVID-19 1,158 1,154 1,158 1,158 1,154 1,158 1,154 1,158 1,154 1,158 1,154 38 20,989.6 5,655.87 CPO<-Colonization Screening	Campylobacteriosis	6	4	6	4	108	74.6	20.10
CPO 3 1 3 1 38 1 38 22.6 6.09 CPO-Colonization Screening 1 0 1 0 8 M/A M/A Cryptosporialis 0 0 0 0 3 3.2 0.86 E. colli, Shig Toxin-Producing (0157:h) Not O157, Unknown Serotype) 2 0 2 1 16 10.4 2.80 E. hitchiosis-Erhitchia chaffeensis 0 0 0 0 2 0.6 0.16 Gardiasis 2 1 2 1 16 10.4 2.80 Genecocal infection 55 57 55 57 618 10.8 2.16 Hepattits B (including detta) - acute 0 0 0 4 4.0 1.08 Hepattits C - chronic 8 13 8 13 178 213.6 57.56 Hepattits C - chronic 8 13 8 13 178 213.6 57.56 <	Chlamydia infection	163	151	163	151	1,650	1,680.6	452.86
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Cryptosporidiosis 0 2 0 2 16 23.8 6.41 Cyclosporiasis 0 0 0 0 3 3.2 0.86 E. coli, Singa Toxin-Producing (0157:h7, Not O157, Unknown Serotype) 2 0 2 0 21 12.8 3.45 Ehrlichiosis-Ehrlichia chaffeensis 0 0 0 0 2 0.6 0.16 Giardiasis 2 1 2 1 16 10.4 2.80 Gonoccoal infection 55 57 55 57 618 708.8 190.99 Haemophilus influenzae (invasive disease) 5 4 5 4 11 8.0 2.16 Hepattits C including delta) – acute 0 0 0 1 4.0 1.08 Hepattits C - chronic 8 13 8 13 178 213.6 57.56 Hepattits C - chronic 8 13 1.2 83 185 262.6 70.76	СРО	3	1	3	1	38	22.6	6.09
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O157, Unknown Serotype) 2 0 2 0 2 0 2 0 11 12.8 3.45 Ehrlichiosis-Ehrlichia chaffeensis 0 0 0 0 0 0.4<	Cyclosporiasis	0	0	0	0	3	3.2	0.86
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Gonoccoal infection 55 57 55 57 618 708.8 190.99 Haemophilus influenzae (invasive disease) 5 4 5 4 11 8.0 2.16 Hepatitis B (including delta) – acute 0 0 0 4 4.00 1.08 Hepatitis C - acute 0 1 2 1 2 34 36.0 9.69 Hepatitis C - acute 0 1 0 1 4 4.0 1.08 Hepatitis C - Perinal Infection 0 0 0 0 1 0.2 0.05 Influenza-associated hospitalization 122 83 122 83 125 0.6 7.76 LaCrosse virus disease (other California serogroup virus diseases) 0 0 0 1 1.2 0.32 0.22 0.8 0.22 Meinigitis - aseptic/viral 1 1 1 1 1 1.2 0.32 0.11 Meinigitis - aseptic/viral 1 1	Ehrlichiosis-Ehrlichia chaffeensis	0	0	0	0	2	0.6	0.16
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Hepatitis B (including delta) - acute 0 0 0 4 4.0 1.08 Hepatitis B (including delta) - acute 0 1 2 1 2 34 36.0 9.69 Hepatitis C - acute 0 1 0 1 4 4.0 1.08 Hepatitis C - chronic 8 13 8 13 178 213.6 57.56 Hepatitis C - chronic 0 0 0 0 1 0.2 0.05 Hepatitis C - chronic 122 83 122 83 185 262.6 70.76 Influenza-associated hospitalization 122 83 122 83 185 262.6 70.76 LaCrosse virus disease (other California sergoroup virus disease) 0 0 0 1 1.2 0.32 Legionellosis 2 0 2 0 1 1.2 0.32 Meningitis - bacterial (Not N. meningitidis) 2 0 2 0 3 13	Gonoccocal infection	55	57	55	57	618	708.8	190.99
Hepatitis B (including delta) - chronic 1 2 1 2 34 36.0 9.69 Hepatitis C - acute 0 1 0 1 4 4.0 1.08 Hepatitis C - chronic 8 13 8 13 178 213.6 57.56 Hepatitis C - Perinatal Infection 0 0 0 0 1 0.2 0.05 Influenza-associated hospitalization 122 83 122 83 185 262.6 70.76 LaCrosse virus disease (other California serogroup virus disease) 0 0 0 0 0 0 1 1.2 0.32 Legionellosis 2 0 2 0 1 1.2 0.32 Meningitis - aseptic/viral 1 1 1 1 16 15.2 4.10 Meningitis - bacterial (Not N. meningitdis) 2 0 2 0 3 1.2.0 0.54 Mumps 0 0 0 1	Haemophilus influenzae (invasive disease)	5	4	5	4	11	8.0	2.16
Hepatitis C - acute 0 1 0 1 4 4.0 1.08 Hepatitis C - herinatal Infection 0 0 0 0 1 0.8 0.22 Hepatitis C - Perinatal Infection 0 0 0 0 1 0.2 0.05 Influenza-associated hospitalization 122 83 122 83 185 262.6 70.76 LaCrosse virus disease (other California serogroup 0 0 0 0 1 1.2 0.8 0.22 virus disease) 0 0 0 0 1 1.2 0.32 Legionellosis 2 0 2 0 1 1.2 0.32 Meningitis - saeptic/viral 1 1 1 1 1.0 1.1 1.1 1.1 1.0 0.11 1.1 Meningitis - saeptic/viral 1 3 1 3 1.3 12.2 3.2.9 0.534 Mumps 0 0	Hepatitis B (including delta) – acute	0	0	0	0	4	4.0	1.08
Hepatitis C - chronic 8 13 8 13 178 213.6 57.56 Hepatitis C - Perinatal Infection 0 0 0 0 1 0.8 0.22 Hepatitis C - Perinatal Infection 0 0 0 0 1 0.2 0.05 Influenza-associated hospitalization 122 83 122 83 185 262.6 70.76 LaCrosse virus disease (other California serogroup virus disease) 2 0 2 0 17 24.8 6.68 Listeriosis 0 0 0 0 1 1.2 0.32 Lyme Disease 1 1 1 1 1 1.2 0.32 Meningitis - aseptic/viral 1 1 1 1 1.2 0.32 Meningitis - aseptic/viral 1 3 1 3 1.3 1.2 3.29 Salmonellosis 5 5 5 5 5 4.4 1.196	Hepatitis B (including delta) – chronic	1	2	1	2	34	36.0	9.69
Hepatitis C - Perinatal Infection 0 0 0 0 1 0.8 0.22 Hepatitis E 0 0 0 0 1 0.2 0.05 Influenza-associated hospitalization 122 83 122 83 185 262.6 70.76 LaCrosse virus disease (other California serogroup virus disease) 0 0 0 0 2 0.8 0.22 Ligteriosis 2 0 2 0 1 1.2 0.32 Lyme Disease 1 1 1 1 90 37.6 10.13 Meningitis - saceptic/viral 1 1 1 1 1 4.0 0.4 0.11 Meningitis - aseptic/viral 1 3 1 3 1.3 12.2 3.29 Salamonellosis 5 5 5 5 5 44.4 11.96 Shigellosis 2 0 2 0 1 1.2 0.32	Hepatitis C – acute	0	1	0	1	4	4.0	1.08
Hepatitis E 0 0 0 0 1 0.2 0.05 Influenza-associated hospitalization 122 83 122 83 185 262.6 70.76 LaCrosse virus disease (other California serogroup virus disease) 0 0 0 2 0.8 0.22 Legionellosis 2 0 2 0 1 1.2 0.32 Listeriosis 0 0 0 0 1 1.2 0.32 Lyme Disease 1 1 1 1 90 37.6 10.13 Meningitis - aseptic/viral 1 1 1 1 6.52 4.10 Menningitis - aseptic/viral 1 3 1 3 1.3 1.2.2 3.2.0 0.54 Mumps 0 0 0 0 1 0.4 0.11 Pertussis 1 3 1 3 13 1.2.2 3.2.9 Streptococcal - Group A – invasive <t< td=""><td>Hepatitis C – chronic</td><td>8</td><td>13</td><td>8</td><td>13</td><td>178</td><td>213.6</td><td>57.56</td></t<>	Hepatitis C – chronic	8	13	8	13	178	213.6	57.56
Influenza-associated hospitalization 122 83 122 83 185 262.6 70.76 LaCrosse virus disease (other California serogroup virus disease) 0 0 0 0 2 0.8 0.22 Legionellosis 2 0 2 0 17 24.8 6.68 Listeriosis 0 0 0 0 1 1.2 0.32 Lyme Disease 1 1 1 1 90 37.6 10.13 Meningitis - aseptic/viral 1 1 1 1 16 15.2 4.10 Meningitis - bacterial (Not N. meningitidis) 2 0 2 0 3 2.0 0.54 Mumps 0 0 0 0 1 0.4 0.11 Salmonellosis 5 5 5 5 55 44.4 11.96 Streptococcal – Group A – invasive 5 7 5 7 47 19.8 5.34	Hepatitis C – Perinatal Infection	0	0	0	0	1	0.8	0.22
LaCrosse virus disease (other California serogroup virus disease) 0 0 0 0 0 2 0.8 0.22 Legionellosis 2 0 2 0 17 24.8 6.68 Listeriosis 0 0 0 0 1 1.2 0.32 Lyme Disease 1 1 1 1 90 37.6 10.13 Meningitis - aseptic/viral 1 1 1 16 15.2 4.10 Meningitis - bacterial (Not N. meningitidis) 2 0 2 0 3 2.0 0.54 Mumps 0 0 0 0 1 0.4 0.11 Pertussis 1 3 1 3 13 12.2 3.29 Salmonellosis 5 5 5 5 55 44.4 11.96 Streptococcal - Group A – invasive 5 7 5 7 47 19.8 5.34 Streptococcal - Group A – i	Hepatitis E	0	0	0	0	1	0.2	0.05
serogroup virus disease)000020.80.22Legionellosis20201724.86.68Listeriosis00011.20.32Lyme Disease11119037.610.13Meningitis - aseptic/viral1111615.24.10Meningitis - bacterial (Not N. meningitidis)202032.00.54Mumps000010.40.11Pertussis113131312.23.29Salmonellosis5555544.411.96Shigellosis2020111.0.82.91Streptococcal - Group A - invasive575741.41.20.32Streptococcal - Group A - invasive antibiotic resistance unknown or non-resistant3333421.65.82Streptococcus pneumoniae - invasive antibiotic resistant/intermediate2020810.82.91Streptococcus pneumoniae - invasive antibiotic resistant/intermediate1713171312857.615.50Syphilis, Congenital01012000.20.670.20.6Syphilis, Congenital011111111111 <td>Influenza-associated hospitalization</td> <td>122</td> <td>83</td> <td>122</td> <td>83</td> <td>185</td> <td>262.6</td> <td>70.76</td>	Influenza-associated hospitalization	122	83	122	83	185	262.6	70.76
virus disease) virus disease) virus disease virus	LaCrosse virus disease (other California							
Legionellosis 2 0 2 0 17 24.8 6.68 Listeriosis 0 0 0 0 1 1.2 0.32 Lyme Disease 1 1 1 1 90 37.6 10.13 Meningitis - aseptic/viral 1 1 1 1 90 37.6 10.13 Meningitis - bacterial (Not N. meningitidis) 2 0 2 0 3 2.0 0.54 Mumps 0 0 0 0 1 0.4 0.11 Pertussis 1 3 1 3 13 12.2 3.29 Salmonellosis 5 5 5 5 55 44.4 11.96 Streptococcal - Group A - invasive 5 7 5 7 47 19.8 5.34 Streptococcal - Group A - invasive antibiotic resistance unknown or non-resistant 3 3 3 3 34 21.6 5.82 Streptoc	serogroup	0	0	0	0	2	0.8	0.22
Listeriosis 0 0 0 0 1 1.2 0.32 Lyme Disease 1 1 1 1 90 37.6 10.13 Meningitis - aseptic/viral 1 1 1 1 16 15.2 4.10 Meningitis - bacterial (Not N. meningitidis) 2 0 2 0 3 2.0 0.54 Mumps 0 0 0 0 1 0.4 0.11 Pertussis 1 3 1 3 13 12.2 3.29 Salmonellosis 5 5 5 5 55 44.4 11.96 Streptococcal – Group A – invasive 5 7 5 7 47 19.8 5.34 Streptococcal – Group A – invasive 5 7 5 7 47 19.8 5.34 Streptococcal – Group B – in newborn 0 0 0 0 0 0.2 0.05 Streptococcus pneumoniae – invasive	virus disease)							
Lyme Disease11119037.610.13Meningitis - aseptic/viral11111615.24.10Meningitis - bacterial (Not N. meningitidis)202032.00.54Mumps000010.40.11Pertussis13131312.23.29Salmonellosis5555544.411.96Shigellosis20201110.82.91Streptococcal - Group A – invasive57574719.85.34Streptococcal - Group B – in newborn00000.20.05Streptococcal - Group B – in newborn00000.20.05Streptococcal - Group B – invasive antibiotic resistance unknown or non-resistant3333421.65.82Streptococcus pneumoniae – invasive antibiotic resistant/intermediate2020810.82.91Syphilis, Total1713171312857.615.50Syphilis, Congenital010120.60.16Tuberculosis121221.00.27Varicella1111011.63.13	Legionellosis	2	0	2	0	17	24.8	6.68
Meningitis - aseptic/viral11111615.24.10Meningitis - bacterial (Not N. meningitidis)202032.00.54Mumps000010.40.11Pertussis13131312.23.29Salmonellosis5555544.411.96Shigellosis20201110.82.91Streptococcal - Group A - invasive57574719.85.34Streptococcal - Group B - in newborn000000.20.05Streptococcal toxic shock syndrome (STSS)000000.20.05Streptococcus pneumoniae - invasive antibiotic resistant/intermediate33333421.65.82Syphilis, Primary, Secondary and Early Latent1591597841.411.14Syphilis, Congenital010120.60.16Tuberculosis121221.00.27Varicella11111011.63.13	Listeriosis	0	0	0	0	1	1.2	0.32
Meningitis - bacterial (Not N. meningitidis) 2 0 2 0 3 2.0 0.54 Mumps 0 0 0 0 0 1 0.4 0.11 Pertussis 1 3 1 3 13 12.2 3.29 Salmonellosis 5 5 5 5 55 44.4 11.96 Shigellosis 2 0 2 0 11 10.8 2.91 Streptococcal – Group A – invasive 5 7 5 7 47 19.8 5.34 Streptococcal – Group B – in newborn 0	Lyme Disease	1	1	1	1	90	37.6	10.13
Mumps000010.40.11Pertussis13131312.23.29Salmonellosis55555544.411.96Shigellosis20201110.82.91Streptococcal - Group A - invasive57574719.85.34Streptococcal - Group B - in newborn00011.20.32Streptococcal - Group B - in newborn000000.20.05Streptococcal toxic shock syndrome (STSS)000000.20.05Streptococcus pneumoniae - invasive antibiotic resistance unknown or non-resistant3333421.65.82Streptococcus pneumoniae - invasive antibiotic resistant/intermediate2020810.82.91Streptococcus pneumoniae - invasive antibiotic resistant/intermediate2020810.82.91Streptococcus pneumoniae - invasive antibiotic resistant/intermediate1713171312857.615.50Syphilis, Total1713171312857.615.501Syphilis, Congenital010120.60.16Tuberculosis121221.00.27Varicella11111011.6<	Meningitis - aseptic/viral	1	1	1	1	16	15.2	4.10
Pertussis13131312.23.29Salmonellosis55555544.411.96Shigellosis20201110.82.91Streptococcal - Group A - invasive57574719.85.34Streptococcal - Group B - in newborn000011.20.32Streptococcal toxic shock syndrome (STSS)000000.20.05Streptococcus pneumoniae - invasive antibiotic resistance unknown or non-resistant3333421.65.82Streptococcus pneumoniae - invasive antibiotic resistant/intermediate2020810.82.91Streptococcus pneumoniae - invasive antibiotic resistant/intermediate1713171312857.615.50Syphilis, Total1713171312857.615.50Syphilis, Congenital010120.60.16Tuberculosis121221.00.27Varicella1111011.63.13West Nile virus disease (also current infection)000000.40.11	Meningitis - bacterial (Not N. meningitidis)	2	0	2	0	3	2.0	0.54
Salmonellosis 5 5 5 55 44.4 11.96 Shigellosis 2 0 2 0 11 10.8 2.91 Streptococcal – Group A – invasive 5 7 5 7 47 19.8 5.34 Streptococcal – Group B – in newborn 0 0 0 0 1 1.2 0.32 Streptococcal toxic shock syndrome (STSS) 0 0 0 0 0 0.2 0.05 Streptococcus pneumoniae – invasive antibiotic resistance unknown or non-resistant 3 3 3 34 21.6 5.82 Streptococcus pneumoniae – invasive antibiotic resistant/intermediate 2 0 2 0 8 10.8 2.91 Streptococcus pneumoniae – invasive antibiotic resistant/intermediate 2 0 2 0 8 10.8 2.91 Streptococcus pneumoniae – invasive antibiotic resistant/intermediate 17 13 17 13 128 57.6 15.50 Syphilis, Primary, Secondary and Early Late	Mumps	0	0	0	0	1	0.4	0.11
Shigellosis 2 0 2 0 11 10.8 2.91 Streptococcal – Group A – invasive 5 7 5 7 47 19.8 5.34 Streptococcal – Group B – in newborn 0 0 0 1 1.2 0.32 Streptococcal toxic shock syndrome (STSS) 0 0 0 0 0 0.2 0.05 Streptococcus pneumoniae – invasive antibiotic resistance unknown or non-resistant 3 3 3 34 21.6 5.82 Streptococcus pneumoniae – invasive antibiotic resistant/intermediate 2 0 2 0 8 10.8 2.91 Streptococcus pneumoniae – invasive antibiotic resistant/intermediate 2 0 2 0 8 10.8 2.91 Streptococcus pneumoniae – invasive antibiotic resistant/intermediate 17 13 17 13 128 57.6 15.50 Syphilis, Primary, Secondary and Early Latent 15 9 78 41.4 11.14 Syphilis, Congenital 0	Pertussis	1	3	1	3	13	12.2	3.29
Streptococcal – Group A – invasive 5 7 5 7 47 19.8 5.34 Streptococcal – Group B – in newborn 0 0 0 0 1 1.2 0.32 Streptococcal toxic shock syndrome (STSS) 0 0 0 0 0 0.2 0.05 Streptococcus pneumoniae – invasive antibiotic resistance unknown or non-resistant 3 3 3 34 21.6 5.82 Streptococcus pneumoniae – invasive antibiotic resistant/intermediate 2 0 2 0 8 10.8 2.91 Streptococcus pneumoniae – invasive antibiotic resistant/intermediate 17 13 17 13 128 57.6 15.50 Syphilis, Total 17 13 17 13 128 57.6 15.50 Syphilis, Congenital 0 1 0 1 2 0.6 0.16 Tuberculosis 1 2 1 2 2 1.0 0.27 Varicella 1 1 1 1 10 11.6 3.13 West Nile virus disease (also cu	Salmonellosis	5	5	5	5	55	44.4	11.96
Streptococcal – Group B – in newborn 0 0 0 0 1 1.2 0.32 Streptococcal toxic shock syndrome (STSS) 0 0 0 0 0 0.2 0.05 Streptococcus pneumoniae – invasive antibiotic resistance unknown or non-resistant 3 3 3 34 21.6 5.82 Streptococcus pneumoniae – invasive antibiotic resistant/intermediate 2 0 2 0 8 10.8 2.91 Streptococcus pneumoniae – invasive antibiotic resistant/intermediate 2 0 2 0 8 10.8 2.91 Streptococcus pneumoniae – invasive antibiotic resistant/intermediate 2 0 1 128 57.6 15.50 Syphilis, Total 17 13 17 13 128 57.6 15.50 Syphilis, Congenital 0 1 0 1 2 0.6 0.16 Tuberculosis 1 2 1 2 1.0 0.27 Varicella 1 1 1 1 1.1 0.11 0.11 West Nile virus disease (also curre	Shigellosis	2	0	2	0	11	10.8	2.91
Streptococcal toxic shock syndrome (STSS)00000000.20.05Streptococcus pneumoniae – invasive antibiotic resistance unknown or non-resistant33333421.65.82Streptococcus pneumoniae – invasive antibiotic resistant/intermediate2020810.82.91Streptococcus pneumoniae – invasive antibiotic resistant/intermediate2020810.82.91Streptococcus pneumoniae – invasive antibiotic resistant/intermediate1713171312857.615.50Syphilis, Total17131797841.411.14Syphilis, Congenital010120.60.16Tuberculosis1111011.63.13West Nile virus disease (also current infection)000020.40.11	Streptococcal – Group A – invasive	5	7	5	7	47	19.8	5.34
Streptococcus pneumoniae – invasive antibiotic resistance unknown or non-resistant33333421.65.82Streptococcus pneumoniae – invasive antibiotic resistant/intermediate2020810.82.91Streptococcus pneumoniae – invasive antibiotic resistant/intermediate2020810.82.91Streptococcus pneumoniae – invasive antibiotic resistant/intermediate1713171312857.615.50Syphilis, Total17131797841.411.14Syphilis, Congenital010120.60.16Tuberculosis121221.00.27Varicella11111011.63.13West Nile virus disease (also current infection)000020.40.11	Streptococcal – Group B – in newborn	0	0	0	0	1	1.2	0.32
resistance unknown or non-resistant33333421.65.82Streptococcus pneumoniae – invasive antibiotic resistant/intermediate2020810.82.91Syphilis, Total1713171312857.615.50Syphilis, Primary, Secondary and Early Latent1591597841.411.14Syphilis, Congenital010120.60.16Tuberculosis121221.00.27Varicella11111011.63.13West Nile virus disease (also current infection)000020.40.11	Streptococcal toxic shock syndrome (STSS)	0	0	0	0	0	0.2	0.05
resistance unknown or non-resistantImage: Construct of the construction of the co	Streptococcus pneumoniae – invasive antibiotic	2	2	2	2	2/	21.6	5.92
resistant/intermediate 2 0 2 0 8 10.8 2.91 Syphilis, Total 17 13 17 13 128 57.6 15.50 Syphilis, Primary, Secondary and Early Latent 15 9 15 9 78 41.4 11.14 Syphilis, Congenital 0 1 0 1 2 0.6 0.16 Tuberculosis 1 2 1 2 1.0 0.27 Varicella 1 1 1 1 10 11.6 3.13 West Nile virus disease (also current infection) 0 0 0 0 2 0.4 0.11	resistance unknown or non-resistant	3	5	5	3	54	21.0	3.82
resistant/intermediate Image: Constraint of the second state of th		2	0	2	0	8	10.8	2 91
Syphilis, Primary, Secondary and Early Latent 15 9 15 9 78 41.4 11.14 Syphilis, Congenital 0 1 0 1 2 0.6 0.16 Tuberculosis 1 2 1 2 1.0 0.27 Varicella 1 1 1 1 10 11.6 3.13 West Nile virus disease (also current infection) 0 0 0 2 0.4 0.11	resistant/intermediate	2	•	2	Ŭ	0	10.0	2.51
Syphilis, Congenital 0 1 0 1 2 0.6 0.16 Tuberculosis 1 2 1 2 2 1.0 0.27 Varicella 1 1 1 1 10 11.6 3.13 West Nile virus disease (also current infection) 0 0 0 0 2 0.4 0.11		17	13	17	13	128	57.6	15.50
Tuberculosis 1 2 1 2 2 1.0 0.27 Varicella 1 1 1 10 11.6 3.13 West Nile virus disease (also current infection) 0 0 0 0 2 0.4 0.11	Syphilis, Primary, Secondary and Early Latent	15	9	15	9	78	41.4	11.14
Varicella 1 1 1 10 11.6 3.13 West Nile virus disease (also current infection) 0 0 0 0 2 0.4 0.11	Syphilis, Congenital	0	1	0	1	2	0.6	0.16
West Nile virus disease (also current infection) 0 0 0 0 2 0.4 0.11		1	2	1	2		1.0	0.27
		1	1	1	1	10	11.6	3.13
Yersiniosis 3 1 3 1 10 64 177			0					
	Yersiniosis	3	1	3	1	10	6.4	1.72

Source: Ohio Disease Reporting System, downloaded 02/22/2024. Rates are per 100K population and based on 5 yr. average incidence 2019-2023.