

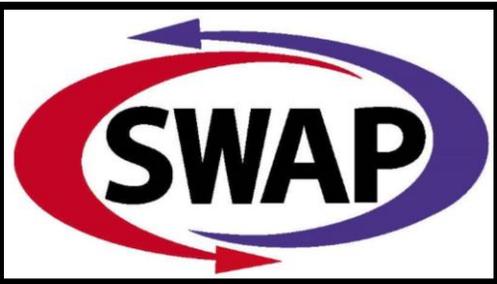
EPI GRAM May, 2017

A Monthly Publication of the Stark Public Health Infrastructure Coalition

EPI Gram is a monthly publication of the Stark County Public Health Infrastructure Coalition. It contains a summary of provisional communicable disease reports and other key public health indicators, with summary tables for Stark County, Ohio. 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 Julia Wagner at 330.493.9914 or Wagnerj@starkhealth.org, or Amanda Archer at 330.489.3327 or aarcher@cantonhealth.org.



Monthly Highlight: SWAP (Stark Wide Approach to Prevention) to Open Friday, June 23, 2017



The Canton City Health Department will open its doors for SWAP (Stark Wide Approach to Prevention) for the first time on Friday, June 23, 2017. SWAP is a harm reduction program initiated by the health department as a result of significant increases in Hepatitis C and the potential for HIV infections. From 2010 to 2016, Stark County has seen a 37.4% increase in the total number of newly diagnosed Hepatitis C cases. And although the “Baby Boomers” are considered a high risk demographic, Stark County has seen a significantly larger rate increase of 303% in our 25-34 year olds since 2010, most likely due to injection drug use.

The purpose of SWAP is to provide new syringes and collect used syringes from injection drug users to reduce transmission of bloodborne diseases and protect the community at large from risk of improperly disposed of needles.

In addition to providing new syringes, SWAP will provide a range of public health services, including referrals for mental health and substance use services, education for wound care and prevention of sexually transmitted diseases, and distribution of naloxone, a medication that can reverse an opioid overdose.

Syringe access programs have been proven to reduce the transmission of disease, remove countless syringes from communities, reduce risk behaviors of injection drug users, increase the number of participants entering treatment and provide safe and consistent resources to dispose of used syringes for the safety of law enforcement, EMS responders, sanitation workers and the general public.

SWAP will take place every Friday afternoon from 2 p.m. – 4 p.m. at the Canton City Health Department. No appointments are needed. For additional information, contact the Nursing Department at (330) 489-3322.

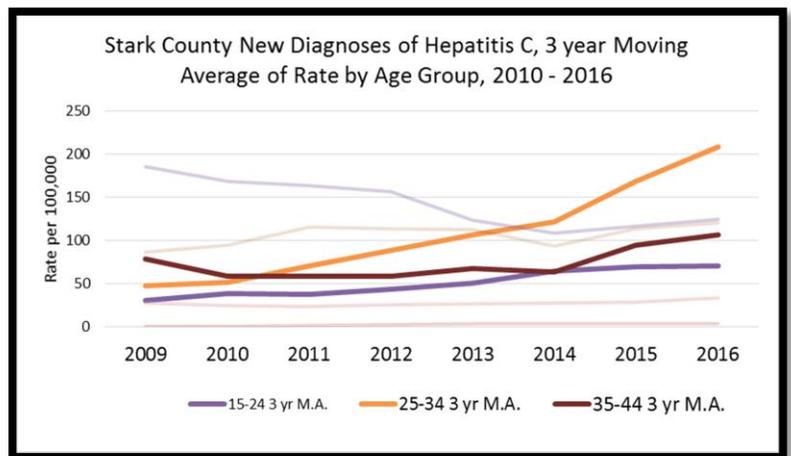


Table 1 Summary of Air Quality Index, Pollen, and Mold Counts for Stark County, Ohio, including historical data.

	May 2017				June 2016			
	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	718	25	65	N/A	300	32.5	4	N/A
Mold Count	6500	325	1300	(1) Moderate	6190	2195	410	Low
Air Quality Index	87	31	46	(6) Moderate	92	33	56.5	(11) Moderate

**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/nab/index.cfm?p=reading_charts. Data source for this table is the Air Quality Division of the Canton City Health Department.

Table 2 Select Vital Statistics for Stark County

	May 2017	YTD 2017	2016
Live Births	245	1247	4190
Births to Teens	17	95	263
Deaths	249	1807	4356

* Birth and death data may include non county residents.

Table 3 Stark County Crude Birth Rate and Death Rates

	2011	2012	2013	2014	2015
Birth	10.8	10.9	11.2	12.0	12.3
Death	11.3	11.4	11.3	11.4	11.6

*Source: Ohio Department of Health Data Warehouse. Rates are per 1,000 population.

Table 4: Jurisdictional Summary of Reportable Diseases in Stark County, OH (Provisional Data)

	Alliance City		Canton City		Massillon City		Stark County		All Departments	
	May	YTD	May	YTD	May	YTD	May	YTD	May	YTD
Amebiasis	0	0	0	0	0	1	0	0	0	1
Babesiosis	0	0	0	0	0	0	1	1	1	1
Campylobacteriosis	0	0	2	10	0	0	1	16	3	26
Chlamydia infection	13	48	60	337	18	94	58	284	149	763
Cryptosporidiosis	0	0	0	1	0	1	1	8	1	10
E. coli, Shiga Toxin-Producing	0	0	0	1	0	0	0	2	0	3
Giardiasis	0	0	0	0	0	1	0	6	0	7
Gonococcal infection	1	7	33	149	3	19	14	64	51	239
Haemophilus influenzae	0	0	0	1	0	0	1	4	1	5
Hepatitis A	0	0	0	0	0	1	0	4	0	5
Hepatitis B - Perinatal Infection	0	0	0	0	0	0	1	3	1	3
Hepatitis B - acute	0	1	2	2	0	0	0	0	2	3
Hepatitis B - chronic	0	0	0	8	1	2	3	16	4	26
Hepatitis C - acute	0	0	0	1	0	0	0	0	0	1
Hepatitis C - chronic	2	18	8	55	3	16	13	61	26	150
Immigrant Investigation	0	0	0	0	0	0	0	1	0	1
Influenza-associated hospitalization	0	18	1	81	0	21	1	164	2	284
Legionellosis	0	1	0	1	0	0	1	1	1	3
Lyme Disease	0	0	0	0	0	0	1	6	1	6
Meningitis - aseptic/viral	0	0	2	5	0	0	2	8	4	13
Mumps	0	0	0	1	0	0	0	1	0	2
Pertussis	0	0	0	1	0	0	2	5	2	6
Salmonellosis	0	1	0	2	0	0	2	7	2	10
Shigellosis	0	0	0	1	0	0	1	2	1	3
Spotted Fever Rickettsiosis, including Rocky Mountain spotted fever (RMSF)	0	0	0	0	0	0	0	1	0	1
Streptococcal - Group A -invasive	0	0	0	3	2	2	2	10	4	15
Streptococcal - Group B - in newborn	0	0	0	0	0	0	0	1	0	1
Streptococcus pneumoniae - invasive antibiotic resistance unknown or non-resistant	0	2	0	5	0	2	1	9	1	18
Streptococcus pneumoniae - invasive antibiotic resistant/intermediate	0	2	0	3	1	3	0	2	1	10
Syphilis, Total	0	2	0	2	0	1	2	7	2	12
> Syphilis, Primary, Secondary and Early Latent (Not included in totals)	0	1	0	0	0	1	0	1	0	3
Tuberculosis	0	0	1	1	0	0	2	2	3	3
Varicella	0	0	0	2	0	0	1	2	1	4
Vibriosis (not cholera)	0	0	0	0	0	0	0	2	0	2
Yersiniosis	0	0	0	1	0	0	0	5	0	6
Totals	16	100	109	674	28	164	111	705	264	1643

Source: Ohio Disease Reporting System, downloaded 06/19/2017.



Alliance City Health Department
cityofalliance.com/health



Promoting and Protecting Health Since 1849

Canton City Health Department
cantonhealth.org



Massillon City Health Department
massillonohio.com/health



Stark County Health Department
starkhealth.org

Table 5 – Summary Table of Diseases Reported in the Previous 5 years within Stark County (Provisional Data)

	May-17	May-16	YTD 2017	YTD 2016	All of 2016	5 Yr Annual Average	Rate
Amebiasis	0	0	1	0	0	0.2	0.053
Anaplasmosis	0	0	0	0	1	0.4	0.107
Babesiosis	1	0	1	0	0	0.2	0.053
Brucellosis	0	0	0	0	0	0.2	0.053
Campylobacteriosis	3	3	26	24	83	69.4	18.499
Chlamydia	149	147	763	786	1899	1611.4	429.518
Coccidioidomycosis	0	0	0	0	1	0.6	0.160
Creutzfeldt-Jakob Disease	0	0	0	0	2	0.6	0.160
Cryptosporidiosis	1	2	10	9	47	35.4	9.425
Cyclosporiasis	0	0	0	0	4	1.2	0.320
Dengue	0	0	0	0	0	0.2	0.053
Escherichia coli , STP, Not O157:H7	0	3	3	6	16	4.0	1.065
Escherichia coli O157:H7	0	0	0	0	0	1.8	0.479
Escherichia coli , STP, Unk Serotype	0	0	0	0	0	3.4	0.905
Giardiasis	0	1	7	9	25	28.6	7.623
Gonorrhea	51	42	239	279	678	594.8	158.544
Haemophilus influenzae , Invasive	1	1	5	3	5	6.8	1.813
Hemolytic Uremic Syndrome (HUS)	0	0	0	0	0	0.2	0.053
Hepatitis A	0	0	5	0	3	6.2	1.653
Hepatitis B, Perinatal	1	0	3	0	3	1.6	0.426
Hepatitis B, Acute	2	1	3	2	4	4.8	1.279
Hepatitis B, Chronic	4	7	26	24	55	39.2	10.449
Hepatitis C, Acute	0	0	1	3	7	7.0	1.866
Hepatitis C, Chronic	26	21	150	118	328	279.0	74.367
Hepatitis E	0	0	0	1	1	0.2	0.053
Influenza-associated hospitalization	2	7	284	158	196	273.8	72.981
Influenza-associated pediatric mortality	0	0	0	0	0	0.2	0.053
LaCrosse virus disease	0	0	0	0	1	0.4	0.107
Legionellosis	1	0	3	2	16	15.6	4.158
Listeriosis	0	0	0	1	1	1.2	0.320
Lyme Disease	1	1	6	8	26	16.4	4.371
Malaria	0	0	0	1	1	0.6	0.160
Measles (indigenous to Ohio)	0	0	0	1	1	2.0	0.533
Meningitis, Aseptic	4	0	13	7	30	28.4	7.570
Meningitis, Other Bacterial	0	0	0	1	5	3.8	1.013
Meningococcal Disease	0	0	0	0	0	1.0	0.267
Mumps	0	1	2	2	2	2.4	0.640
Pertussis	2	0	6	11	31	37.4	9.969
Q fever, acute	0	0	0	0	0	0.4	0.107
Q fever, chronic	0	0	0	0	0	0.0	0.000
Salmonellosis	2	2	10	13	51	44.8	11.941
Shigellosis	1	0	3	1	8	35.6	9.489
Spotted Fever Rickettsiosis	0	0	1	0	0	0.0	0.000
Staphylococcal aureus - intermediate resistance to vancomycin (VISA)	0	0	0	1	1	0.2	0.053
Streptococcal Dis, Group A, Invasive	4	1	15	5	10	12.8	3.412
Streptococcal Dis, Group B, in Newborn	0	0	1	0	4	1.8	0.480
Streptococcal Toxic Shock Syndrome	0	0	0	0	1	1.0	0.267
Streptococcus pneumoniae - invasive antibiotic resistance unknown or non-resistant	1	8	18	29	37	36.0	9.596
Streptococcus pneumo - inv antibiotic resistant/intermediate	1	2	10	12	16	117.8	4.745
Syphilis, Total	2	1	12	8	21	12.0	3.195
➤ Syphilis, Primary, Secondary and Early Latent	0	0	3	4	15	7.6	2.024
Toxic Shock Syndrome (TSS)	0	0	0	0	0	0.8	0.213
Tuberculosis	3	0	3	0	2	1.2	0.320
Thyphoid Fever	0	0	0	0	0	0.4	0.107
Varicella	1	2	4	21	35	29.4	7.837
Vibriosis - other (not cholera)	0	0	2	2	4	1.8	0.480
Vibrio parahaemolyticus infection	0	0	0	0	0	0.2	0.053
West Nile Virus	0	0	0	0	0	0.6	0.160
Yersiniosis	0	1	6	3	9	4.6	1.226
Zika virus infection	0	0	0	3	5	1.0	0.267

Source: Ohio Disease Reporting System, downloaded 06/19/2017. Rates are per 100K population and based on 5 yr average incidence '12-'16.