

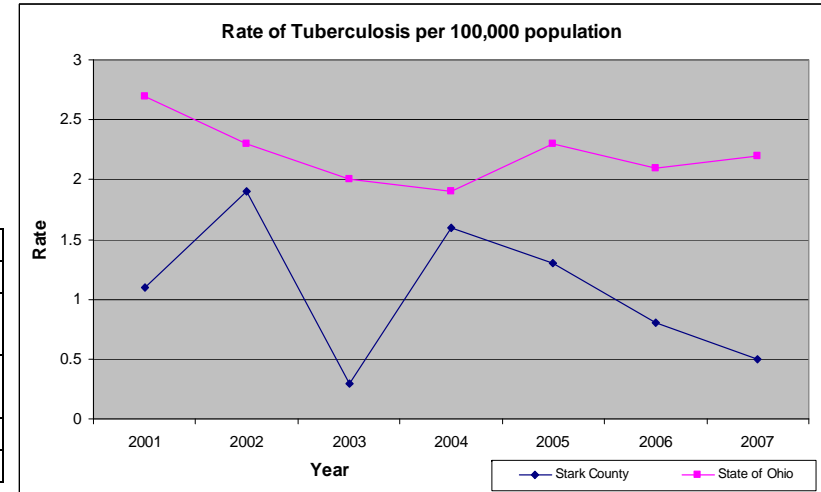
**EPI Gram** is a monthly publication of the Stark County Public Health Coalition. It contains a summary of provisional communicable disease reports and other key public health indicators, with summary tables for Stark County, Ohio. Some reportable conditions may be under investigation; and, at any given time, data may fluctuate from month to month for a specific category.

**IN THE NEWS:**

**Tuberculosis Surveillance:** In 2000 the Advisory Council for the Elimination of Tuberculosis established a goal of a rate of less than or equal to 3.5 TB cases per 100,000 population. As can be seen in the graph to the right, Stark County Ohio has met and exceeded this goal since its inception. However, this year we will see an increase in our rate to at least those seen in 2006. The table below is the 3<sup>rd</sup> quarter report from the Stark County Tuberculosis Case Registry. Year to date 3 cases of Mycobacterium Tuberculosis have been confirmed in our county. Increases in TB place extreme demands on the identified cases and of our entire health care system. Control through rapid testing, reporting and treatment will help to prevent spread in our community.

**Stark County Tuberculosis Case Registry, 3rd Quarter Report 2008**

	3rd Quarter Report	Year to date
Suspect Cases of Reported Mycobacterium TB	7	31
Culture Confirmed Mycobacterium Tuberculosis (TB)	0	3
Culture Confirmed Mycobacterium Other Than TB (MOTTs)	5	22
Not TB, Not MOTTs	0	5
Suspects Pending	2	2



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

	September 2008				October 2008			
	Monthly High	Monthly Low	Monthly Mean	Counts in highest reported health risk category	Monthly High	Monthly Low	Monthly Mean	Counts in highest reported health risk category
Pollen Count	195	5	51.9	N/A	25	2	9.6	N/A
Mold Count	20,140	3,250	9145	2 High	32,440	5,870	12,425	5 High
Air Quality Index	109	19	44.4	2 UH sg*	65	14	37.5	4 Moderate

Pollen and Mold counts are derived from rotorod samples on the 2<sup>nd</sup> story roof of the Canton City Health Department. The readings are from a 24-hour period\24-hour avg. on all work days. Mold counts of 6,500-12,999 are moderate and many individuals sensitive to molds may experience symptoms. Counts of 13,000 to 49,999 are high and most individuals with any sensitivity to molds will experience symptoms. These indices are produced from March to October. The Air Quality Index (AQI) is derived by comparison to EPA standards from the following readings: Particulate Matter 2.5 continuous monitoring on CCHD 2<sup>nd</sup> floor roof top and ozone monitors in Canton, Brewster, and Alliance. AQI ratings are 151-200: unhealthy (UH); 101-150: unhealthy for sensitive groups \*(UH sg); 51-100: moderate (M); 0-50: good (g).

**Table 2 Summary of Select Vital Statistics for Stark County, Ohio**

	Sep-08	YTD 2008	2007 Total
Live Births	211	3676	5057
Births to Teens	22	431	537
Deaths	317	3225	4061

Due to the current method of reporting live births, all data is provisional.

**Table 3 Stark County Crude Birth and Death Rates per 100,000 Population**

Rates are based on the US Census 2000 Stark County population of 377,438.

	2003	2004	2005	2006	2007
Birth	1260	1240	1211	1282	1340
Death	1110	1040	1140	1076	1076

**Table 4 – Summary of Select Reportable Diseases for September, 2008 in Stark County, Ohio (provisional data only)**

Refer to “Case Definitions for Infectious Conditions Under Public Health Surveillance,” MMWR (Morbidity and Mortality Weekly Report) 1997; 46 (No. RR-10), the Ohio Department of Health Infectious Disease Control Manual or visit: [www.cdc.gov/epo/dphsi/casedef/index.htm](http://www.cdc.gov/epo/dphsi/casedef/index.htm) for case definitions.

This report includes confirmed, probable and suspect cases.

	Alliance City			Canton City			Massillon City			Stark County			Stark County Totals			
	Sep-08	YTD 2008	YTD 2007	Sep-08	YTD 2008	YTD 2007	Sep-08	YTD 2008	YTD 2007	Sep-08	YTD 2008	YTD 2007	Sep-08	YTD 2008	YTD 2007	5 Yr annual average
Amebiasis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.4
Campylobacteriosis	0	1	0	3	11	8	0	4	1	4	31	28	7	47	37	51.8
Chlamydia	17	67	75	38	443	490	6	60	55	34	213	236	95	783	856	1126.4
Creutzfeldt-Jakob Ds	0	0	0	0	0	0	0	0	0	0	3	3	0	3	3	0.6
Cryptosporidiosis	0	2	0	0	2	2	1	1	4	0	14	8	1	19	14	14
E Coli 0157	0	0	0	0	1	0	0	0	0	0	0	1	0	1	1	2.4
E Coli	1	1	0	0	0	0	0	0	0	0	1	1	1	2	1	3
Enceph., WNV	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	3.6
Enceph., Other	0	1	1	0	0	0	0	0	0	0	2	0	0	3	1	2.8
Giardiasis	0	1	5	1	8	6	0	1	3	2	17	19	3	27	33	49.2
Gonorrhea	2	13	13	75	354	336	3	23	38	4	63	94	84	453	481	646
Haemo. Influz., Bac	0	0	0	0	2	1	0	0	1	0	5	0	0	7	2	5.8
Hepatitis A	0	0	1	1	1	1	0	3	0	0	0	5	1	4	7	8
Hepatitis B*	0	1	2	0	9	12	0	5	3	0	13	16	0	28	33	44.6
Hepatitis C*#	3	23	18	7	59	71	0	18	17	8	68	90	18	168	196	273.5
Kawasaki Syndrome	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	3.6
Legionellosis	0	0	0	1	5	3	0	0	0	3	9	5	4	14	8	12.2
Listeriosis	0	0	0	0	0	0	0	0	0	0	2	2	0	2	2	2.4
Lyme Disease	0	0	0	0	1	0	0	0	0	1	4	0	1	5	0	2.6
Malaria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.8
Meningitis, Asep	0	3	0	0	6	19	0	1	3	2	12	21	2	22	43	53.8
Meningitis Bac.	0	0	0	0	1	0	0	0	0	0	2	1	0	3	1	4.4
Meningococcal Dis.	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	2.4
Mumps	0	0	0	0	0	0	0	1	0	0	1	0	0	2	0	0.4
Pertussis	0	0	0	2	2	2	0	0	0	0	1	5	2	3	7	17
Salmonellosis	0	0	5	0	2	5	0	3	2	3	21	19	3	26	31	49.4
Shigellosis	0	0	0	12	50	2	4	35	0	4	50	0	20	135	2	11.8
Strep Inv A GAS	1	3	0	0	2	3	0	0	0	0	8	3	1	13	6	12.2
Strep B Newborn	0	0	1	0	0	1	0	0	0	0	2	0	0	2	2	2
Strep Pneu ISP	0	0	2	0	8	15	0	3	2	2	30	23	2	41	42	47.8
TSS Strep & Staph	0	1	0	0	0	0	0	0	0	0	1	2	0	2	2	0.4
Syphilis	0	0	0	1	8	2	0	1	0	0	2	7	1	11	9	21.6
Typhoid Fever	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.4
Varicella#	2	4	6	0	7	18	0	2	4	2	27	96	4	40	124	#
Vibriosis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2
Yersiniosis	0	0	0	0	1	0	0	0	1	0	2	4	0	3	5	2

\*This includes all hepatitis reports; acute, chronic, and status not known. # Incomplete 5 yr average due to a change in reporting.

If you have any questions, including how to receive copies of this report, please contact Karen Schanz at (330) 493-9928 x287 or [Schanzk@starkhealth.org](mailto:Schanzk@starkhealth.org) or Christina Henning at (330) 489-3454 or [Chenning@cantonhealth.org](mailto:Chenning@cantonhealth.org).