### Community Tuberculosis Profile 2007

This report includes finalized national, state, and local data for 2006. All 2007 data is considered provisional and could be slightly redefined when finalized by the Centers for Disease Control.

Date Compiled: April 2008 Compiled By: Jacquelyn Andula, MPH, RN

Erie County Department of Health

Phone: 858 - 7731

### **Drug Sensitivity Summary for 1997 – 2007**

Year	INH Resistant	% of Population	# Patients that	# Multi-drug
		Tested (INH Resistant)	were Foreign Born	Resistant Cases
1997	1	3.3%	1	0
1998	1	4.5%	1	0
1999	1	5.5%	0	0
2000	0	0%	0	0
2001	0	0%	0	0
2002	1	7.1%	0	0
2003	1	4.7%	0	0
2004	6	27.2%	2	1
2005	0	0%	0	0
2006	1	9.1%	1	0
2007	0	0%	0	0

#### DRUG SENSITIVITY DATA FOR 2007

	Number Of Cases	Positive Culture	Sensitivity Done	Resistant (INH)	
Pulmonary TB	7	6	6	0	
Extra Pulmonary TB	2	2	2	0	
Totals	9*	8	8	0	

#### **Summary Statements:**

- There was one case diagnosed clinically \*.
- No Multi-drug resistant TB cases were diagnosed this year
- One case was both Pulmonary and Extra Pulmonary\*

## **Tuberculosis Cases in Erie County** 1997-2007

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
TOTAL	38	32	23	19	18	14	21	25	11	11	9
Born Outside											
the U.S.	13	6	7	5	9	5	6	9	6	8	5
% Born											
Outside U.S.	34.2	18.7	30.4	26.3	50.0	35.7	28.5	36.0	54.5	72.7	56.0
Known AIDS	0	3	3	1	0	0	3	1	1	0	1
Homeless	1	1	1	1	0	0	1	0	1	0	0
Inmates	0	0	2	0	0	0	0	0	0	0	0
Nursing											
Home	0	1	1	0	0	1	0	1	0	0	0
Pulmonary	28	26	19	13	10	13	15	21	9	7	5
X-Pulmonary	10	6	4	6	8	1	6	4	2	2	5
Culture (+)	30	25	16	17	13	14	16	18	8	9	8
Smear (+)	13	8	7	6	2	7	7	11	6	6	2

## Reported Tuberculosis Rates 1997-2007 (Rate per 100,000 population)

	Buffalo	Erie County	NY (excluding	NY	USA
			NYC)	State	
1997	7.6	3.9	5.0	12.6	7.4
1998	4.9	3.3	4.1	11.1	6.3
1999	3.0	2.4	3.5	10.2	6.0
2000	3.4	2.0	3.5	9.2	5.7
2001	2.7	1.9	3.8	8.8	5.6
2002	3.8	1.6	3.2	7.6	5.2
2003	5.1	2.2	3.1	7.8	5.1
2004	6.5	2.6	3.0	7.2	4.9
2005	2.7	1.2	2.8	6.8	4.8
2006	2.7	1.2	2.9	6.7	4.6
2007	2.1	1.0	2.4	6.2	4.4

1990-1999 Rates are based on 1990 Census Data 2000-2007 Rates are based on 2000Census Data

# Tuberculosis Cases by Race, Ethnicity, and Age (Percent of Cases) 1997-2007

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
RACE						I	I		I		I
White	34.2	59.4	52.2	47.3	50.0	21.4	33.4	36.0	45.4	27.3	44.4
Black	36.9	21.9	39.1	36.9	28.8	50.0	47.6	48.0	18.2	36.3	11.2
Asian	28.9	18.7	8.7	15.8	22.2	28.6	19.0	16.0	36.4	36.4	44.4
Am. Indian	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Not Stated	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	100	100	100	100	100	100	100	100	100	100	100
ETHNICITY											
White/											
Hispanic	7.6	0.0	16.6	11.1	22.2	0.0	14.2	11.1	0.0	0.0	11.1
Black/											
Hispanic	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total/											
Hispanic	7.6	0.0	16.6	11.1	22.2	0.0	14.2	11.1	0.0	0.0	11.1
	1										
AGE											
<15	7.9	6.2	0.0	5.2	11.1	0.0	9.5	8.0	0.0	0.0	0.0
15-24	2.6	25.1	0.0	21.1	11.1	7.1	0.0	16.0	0.0	18.2	22.2
25-39	23.7	15.6	21.7	21.1	22.2	7.1	19.0	16.0	36.4	18.2	33.3
40-65	36.8	31.3	47.8	21.1	22.2	42.9	23.9	36.0	54.5	27.2	11.2
65+	29.0	21.8	30.5	31.5	33.4	42.9	47.6	24.0	9.1	36.4	33.3
Total	100	100	100	100	100	100	100	100	100	100	100