

Community Tuberculosis Profile 2015

This report includes finalized national, state, and local data for 2014. All 2015 data is considered provisional and could be slightly redefined when finalized by the Centers for Disease Control.

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Drug Sensitivity Summary for 2005-2015

| Year | INH Resistant | % of Population Tested (INH Resistant) | # Patients that were Foreign Born | # Multi-drug Resistant Cases |
|------|---------------|--|-----------------------------------|------------------------------|
| 2005 | 0 | 0% | 0 | 0 |
| 2006 | 1 | 9.1% | 1 | 0 |
| 2007 | 0 | 0% | 5 | 0 |
| 2008 | 0 | 0% | 8 | 0 |
| 2009 | 1 | 6.7% | 6 | 0 |
| 2010 | 2 | 25.0% | 5 | 1 |
| 2011 | 2 | 14.3% | 8 | 0 |
| 2012 | 2 | 10.5% | 13 | 0 |
| 2013 | 0 | 0.0% | 16 | 0 |
| 2014 | 0 | 0.0% | 11 | 0 |
| 2015 | 0 | 0.0% | 11 | 0 |

DRUG SENSITIVITY DATA FOR 2015

| | Number Of Cases | Positive Culture | Sensitivity Done | Resistant (INH) |
|--------------------|-----------------|------------------|------------------|-----------------|
| Pulmonary TB | 10 | 9 | 9 | 0 |
| Extra Pulmonary TB | 8 | 4 | 3 | 0 |
| Totals | 18 | 13 | 12 | 0 |

Summary Statements:

- There were 13 cases of TB in 2015
- There was one additional case that treatment was started in country of origin but managed in Erie County.
- Five cases were both pulmonary and extra pulmonary
- There was one clinical case

**Tuberculosis Cases in Erie County
2005-2015**

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|-----------------------|------|------|------|------|------|------|------|------|------|------|------|
| TOTAL | 11 | 11 | 9 | 16 | 15 | 11 | 14 | 19 | 21 | 16 | 13 |
| Born Outside the U.S. | 6 | 8 | 5 | 8 | 6 | 5 | 8 | 13 | 16 | 11 | 11 |
| % Born Outside U.S. | 54.5 | 72.7 | 56.0 | 50.0 | 40.0 | 45.5 | 57.1 | 68.4 | 76.2 | 68.8 | 84.6 |
| Known AIDS | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 2 | 0 | 0 |
| Homeless | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Inmates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nursing Home | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 |
| | | | | | | | | | | | |
| Pulmonary | 9 | 7 | 5 | 14 | 11 | 7 | 12 | 14 | 16 | 12 | 10 |
| X-Pulmonary | 2 | 2 | 5 | 3 | 4 | 4 | 3 | 7 | 6 | 5 | 8 |
| | | | | | | | | | | | |
| Culture (+) | 8 | 9 | 8 | 13 | 12 | 8 | 11 | 16 | 17 | 11 | 9 |
| Smear (+) | 6 | 6 | 2 | 7 | 4 | 4 | 6 | 4 | 6 | 5 | 6 |

**Reported Tuberculosis Rates 2005-2015
(Rate per 100,000 population)**

| | Buffalo | Erie County | NY (excluding NYC) | NY State | USA |
|------|---------|-------------|--------------------|----------|-----|
| 2005 | 2.7 | 1.2 | 2.8 | 6.8 | 4.8 |
| 2006 | 2.7 | 1.2 | 2.9 | 6.6 | 4.6 |
| 2007 | 2.1 | 1.0 | 2.4 | 6.1 | 4.4 |
| 2008 | 5.5 | 1.8 | 2.8 | 6.3 | 4.2 |
| 2009 | 4.6 | 1.6 | 2.2 | 5.3 | 3.8 |
| 2010 | 3.3 | 1.2 | 2.2 | 5.0 | 3.6 |
| 2011 | 4.6 | 1.5 | 2.0 | 4.7 | 3.4 |
| 2012 | 4.6 | 2.1 | 1.9 | 4.5 | 3.2 |
| 2013 | 5.3 | 2.2 | 1.9 | 4.5 | 3.0 |
| 2014 | 4.2 | 1.7 | 1.8 | 4.0 | 3.0 |
| 2015 | 4.6 | 1.4 | 1.7 | 3.9 | 3.0 |

