

## 2015 Profile of Tuberculosis (TB) in Dallas County

## **Dallas County Health and Human Services**

Demographic Characteristics of TB Cases: 2015						
	n (%)	Incidence per 100,000				
Total	180 (100.0)	7.0				
Sex						
Male	124 (68.9)	9.9				
Female	56 (31.1)	4.3				
Race/Ethnicity						
Hispanic	46 (25.6)	4.9				
White	24 (13.3)	3.1				
Black	64 (35.5)	10.8				
Asian	46 (25.6)	29.1				
Age Group (years)						
0-4	3 (1.7)	1.5				
5-18	6 (3.3)	1.2				
19-44	74 (41.1)	7.5				
45-64	70 (38.9)	11.6				
≥65	27 (15.0)	10.7				
Birth Country						
United States	86 (47.8)	N/A				
Foreign	94 (52.2)	N/A				
Prior TB Diagnosis	10 (5.6)	N/A				

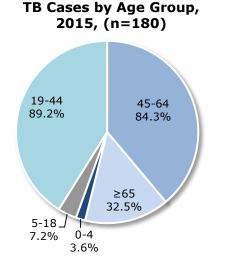
TB Cases by Drug Susceptibility Patterns and Birth Place: 2009–2015				
	Any Drug Resistance n (%)	INH Mono- Resistance n (%)	MDR-TB n (%)	
2009-2014 Cumulative Totals				
Foreign-born	54 (4.8)	34 (3.0)	6 (1.1)	
U.Sborn	30 (2.7)	17 (1.5)	0	
2015 Totals				
Foreign-born	6 (3.3)	3 (1.7)	0	
U.Sborn	2 (1.1)	0	0	
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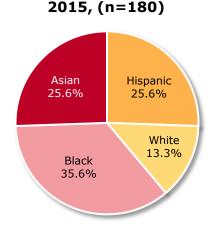
HIV Test Results and Co-infection: 2011-2015				
Year	Total Cases	Tested for HIV n (%)	HIV Positive n (%)	
2011	204	173 (85)	25 (12)	
2012	177	144 (81)	18 (10)	
2013	190	161 (85)	16 (8)	
2014	167	143 (86)	13 (8)	
2015	180	172 (96)	18 (10)	

Pulmonary TB Cases by Sputum Results: 2011–2015				
Year	Total Cases	Total Pulmonary Cases n (%)	Positive Culture n (%)	Positive Smear n (%)
2011	204	166 (81)	126 (76)	77 (46)
2012	177	160 (90)	110 (69)	72 (45)
2013	190	155 (82)	111 (72)	71 (46)
2014	167	121 (72)	86 (71)	53 (44)
2015	180	145 (81)	103 (71)	68 (47)

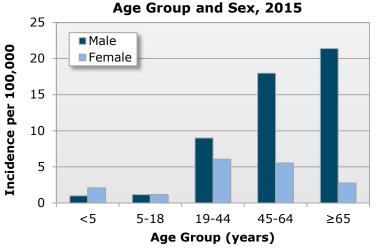
Annual TB Cases and Incidence, Dallas County, 1993-2015 400 20 Number of Cases of Cases Incidence Rate 15 1995 1997 1999 2001 2003 2005 2007 2009

Year

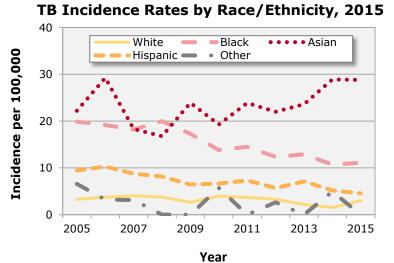




TB Cases by Race/Ethnicity,

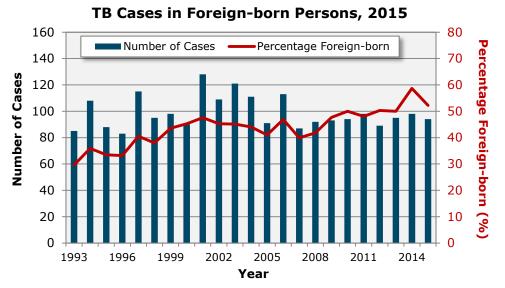


**TB Incidence Rates by** 



TB by Selected Risk Factors, Dallas County: 2011-2015					
Year	Total Cases	Alcohol Use n (%)	Diabetes n (%)	Injection Drug Use n (%)	Non-Injection Drug Use n (%)
2011	204	50 (25)	30 (15)	3 (2)	35 (17)
2012	177	49 (28)	28 (16)	11(6)	24 (14)
2013	190	45 (24)	38 (20)	12 (6)	33 (17)
2014	167	40 (24)	23 (14)	3 (2)	15 (9)
2015	180	43 (24)	31 (17)	3 (2)	23 (13)

TB Cases by Congregate Settings, Dallas County: 2011–2015					
Year	Total Cases	Homeless n (%)	Correctional Facility n (%)	Long Term Care Facility n (%)	
2011	204	34 (17)	6 (3)	4 (2)	
2012	177	34 (19)	6 (3)	2 (1)	
2013	190	29 (15)	5 (3)	2 (1)	
2014	167	16 (10)	2 (1)	2 (1)	
2015	180	32 (18)	5 (3)	0	



## Summary

- The number of annual TB cases have decreased by 37% from 1993 to 2015 in Dallas County.
- The proportion of TB cases who are U.S.-born has steadily decreased in the
- Asians continue to have the highest incidence rate of TB in Dallas, with approximately 3-6 times greater rates than other minority groups.
- The proportion of TB cases occurring in persons experiencing homelessness has increased since 2014.

N/A = Not applicable

Note: Incidence calculated using projected population data for 2015

Data Sources: Dallas County Department of Health and Human Services, Epidemiology Division; National Electronic Disease Surveillance System (NEDSS); Population data obtained through the Centers for Disease Control and Prevention: WONDER Bridged-Race Population Estimates 1990-2015.