

TB EDUCATIONAL RESOURCES FOR HEALTH CARE PROVIDERS AND THE PUBLIC

CLINICAL POLICIES AND PROTOCOLS
4th Edition.
Describes policies, protocols and recommendations for the prevention, treatment and control of TB



PATIENT BROCHURE
Taking Control of Your Tuberculosis (TB): What to Expect and How to Stay Healthy
General information for patients starting treatment for latent TB infection or active TB disease. Available in 18 languages.



POCKET-SIZED REFERENCE GUIDE FOR PROVIDERS
Treatment and monitoring of drug-susceptible pulmonary tuberculosis
Provides concise information about treatment and monitoring for pulmonary TB



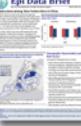
TB EPIQUERY
Data on TB cases reported to the BTBC from 2001 to 2012 are now available on TB EpiQuery. EpiQuery is an interactive, user-friendly system designed to guide users through basic data analyses. Reported TB cases and case rates are available by select demographic and geographic characteristics. On a citywide level, select characteristics that are important to the epidemiology of TB are also available, including country of birth and HIV infection. To access TB EpiQuery, go to: <http://nyc.gov/health/epiquery>



EDUCATIONAL POSTERS
"You Can Stop TB" 11x17 posters provide basic TB information and includes illustrations with captions. Available in English, Spanish, French, Haitian Creole, Hindu, Urdu, Bengali, Tibetan, Tagalog and Chinese.
Get tested/Get Treated 11x17 posters highlight the benefits of TB testing and encourage evaluation and treatment for symptoms of TB disease. These posters are only available in Chinese.
To request information or posters in hard copy or digital formats, please email tbtraining@health.nyc.gov



NYC HEALTH EPI DATA BRIEFS:
Epi Data Briefs are short publications that highlight data findings from varying Health Department programs and projects. For more information and to access recently-published reports, go to: <http://www.nyc.gov/html/doh/html/data/epidata.shtml>





NEW YORK CITY HEALTH DEPARTMENT CHEST CLINICS

THE HEALTH DEPARTMENT PROVIDES AN ARRAY OF TB DIAGNOSTIC SERVICES INCLUDING:

- Testing for latent TB infection using the latest generation blood-based QuantiFERON®-TB Gold test and tuberculin skin tests
- Sputum induction
- Chest radiographs
- Medical evaluation
- Treatment for TB disease and latent TB infection
- Directly Observed Therapy (DOT) services, including video-based DOT

ADDITIONAL CLINICAL SERVICES PROVIDED AT EACH CHEST CLINIC INCLUDE:

- Outpatient medical and nursing care
- Phlebotomy services
- Social services referrals
- Human immunodeficiency virus (HIV) education and testing regardless of person's need for TB care
- TB evaluation for newly arrived immigrants and refugees referred by the Centers for Disease Control and Prevention



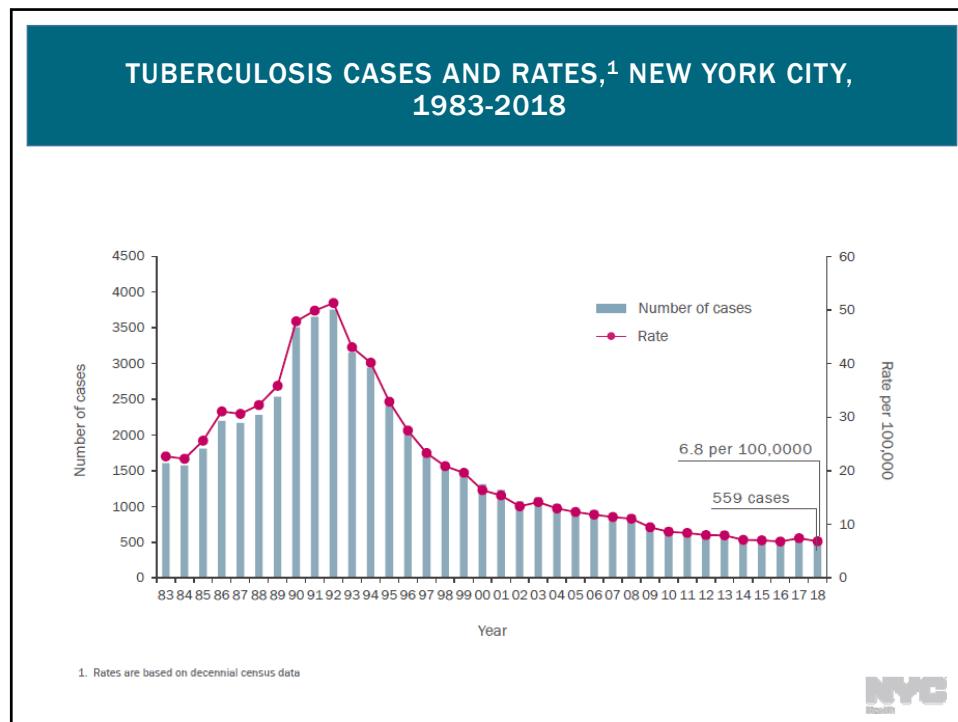
WASHINGTON HEIGHTS
600 West 168th Street, Third Floor
New York, NY 10032
212-368-4500 or 212-690-1348

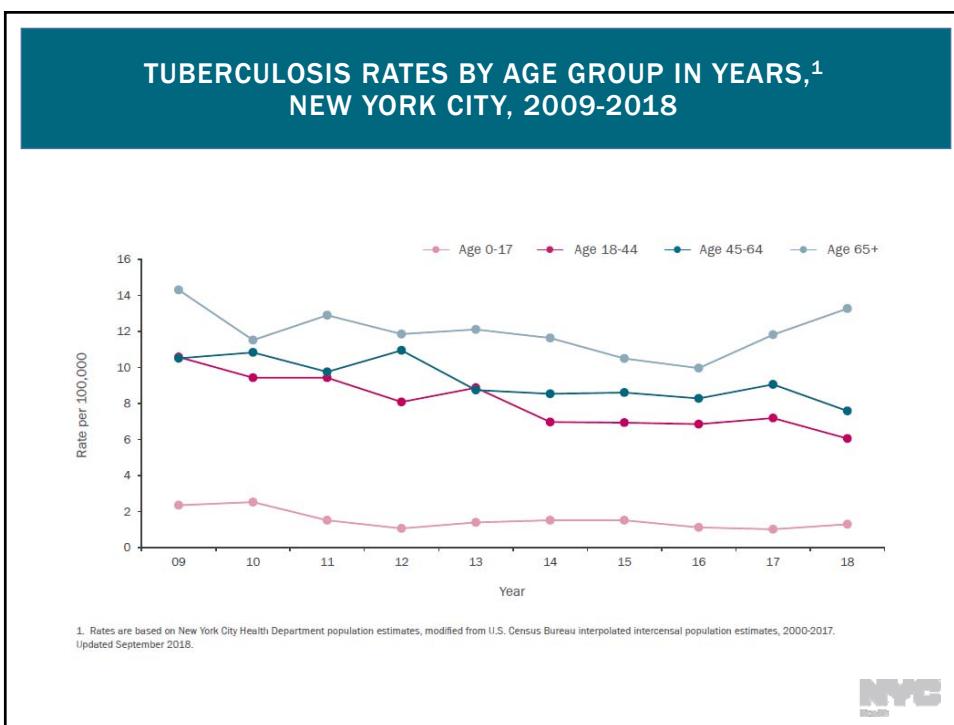
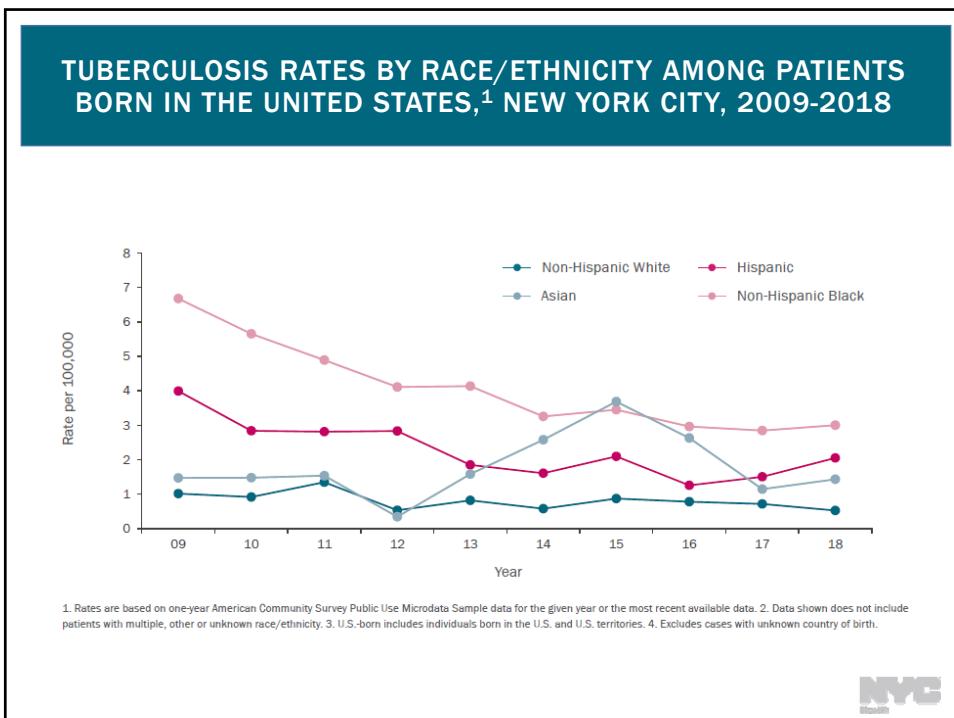
MORRISANIA
1309 Fulton Avenue, First Floor
Bronx, NY 10456
718-579-4157

CORONA
34-33 Junction Blvd, Second Floor
Queens, NY 11372
718-476-7635 or 718-476-7636

FORT GREENE
295 Flatbush Avenue Extension, Fourth Floor
Brooklyn, NY 11201
718-643-8357 or 718-643-6551/4808







TUBERCULOSIS RATES¹ BY AGE GROUP IN YEARS AND PATIENT CHARACTERISTICS AMONG CHILDREN YOUNGER THAN 18, NEW YORK CITY

FIGURE Tuberculosis rate² by age group in years among patients younger than 18 years of age, New York City, 2018

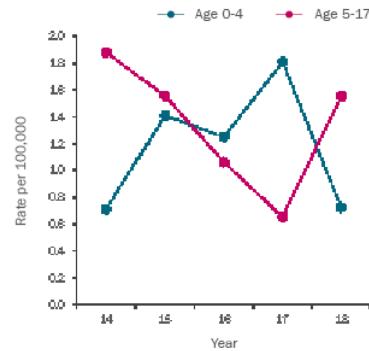


TABLE Select characteristics among patients younger than 18 years of age with tuberculosis, New York City, 2018 (n=23)

Patient characteristics	n (%)
Born in the United States (U.S.)	12 (52%)
Non-U.S.-born parent (among U.S.-born)	7 (58%)
Non-U.S.-born	11 (48%)
Years in the U.S. among non-U.S.-born:	
< 1 year	4 (36%)
1-5 years	6 (55%)
> 5 years	1 (9%)
Identified in association with another TB case	6 (26%)
Multidrug-resistant disease	2 (9%)
Died prior to or while on TB treatment	1 (4%)

1. Rates are based on New York City Health Department population estimates, modified from U.S. Census Bureau interpolated intercensal population estimates, 2000-2017.
Updated September 2018.

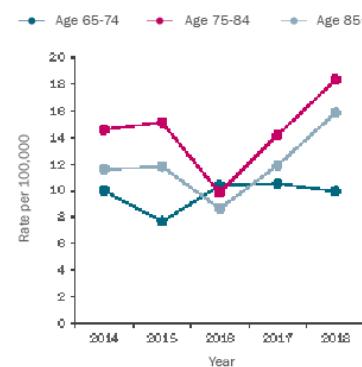


TUBERCULOSIS RATES¹ BY AGE GROUP IN YEARS AND PATIENT CHARACTERISTICS AMONG ADULTS OLDER THAN 65, NEW YORK CITY

TABLE Select characteristics among patients older than 65 years of age with tuberculosis, New York City, 2018 (n=164)

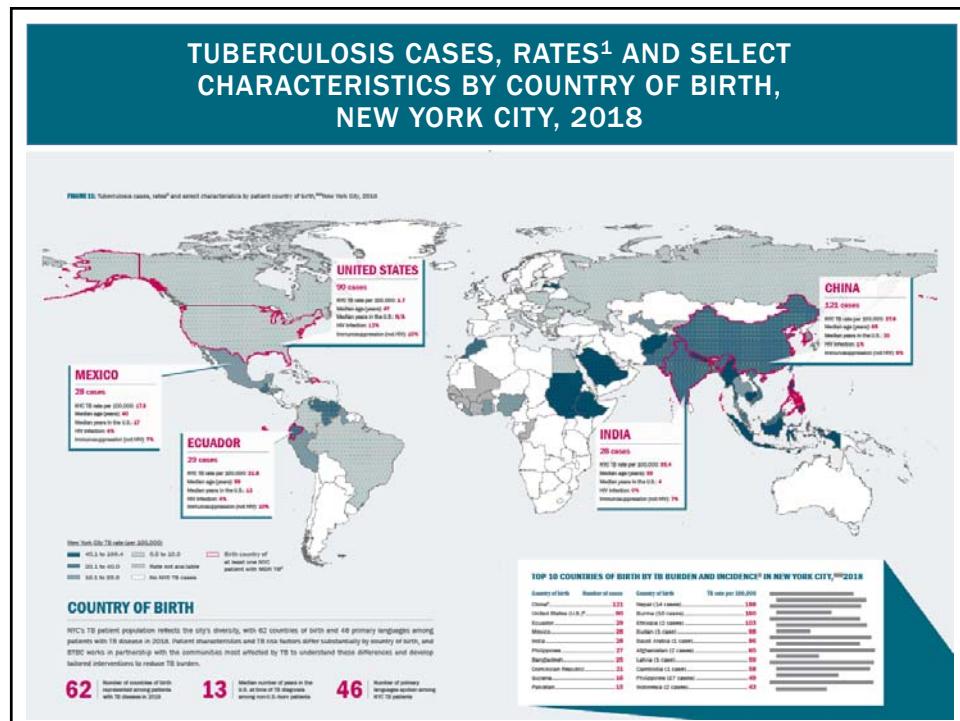
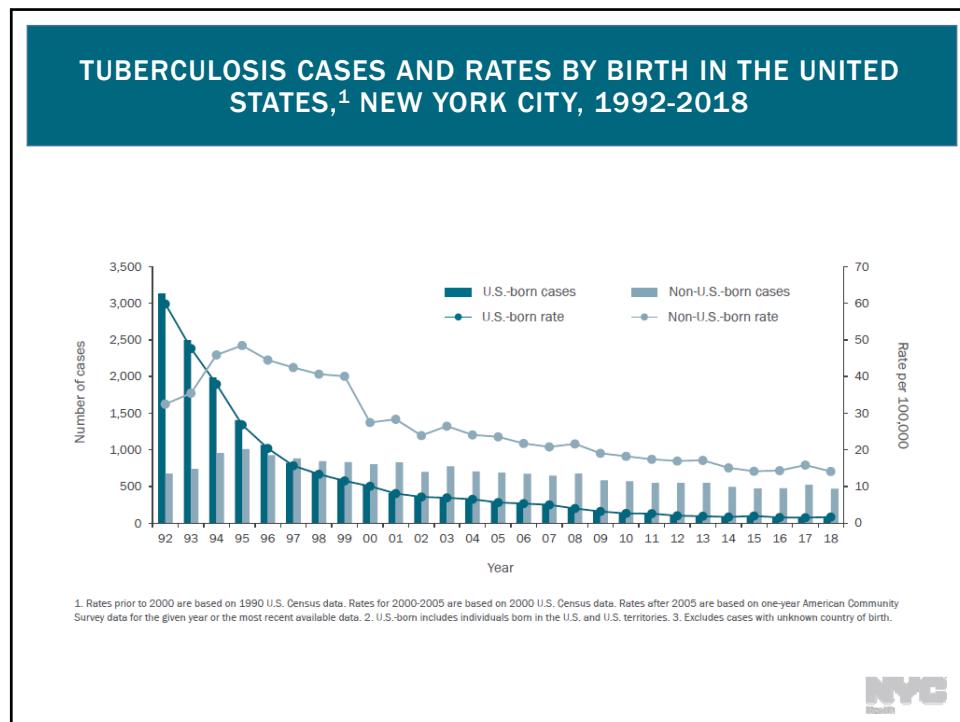
Patient characteristics	n (%)
Born in the United States (U.S.)	25 (15%)
Non-U.S.-born	139 (85%)
Years in the U.S. among non-U.S.-born:	
< 10 years	20 (14%)
10-25 years	49 (35%)
> 25 years	63 (45%)
HIV infection	3 (2%)
Immunosuppression (non-HIV)	18 (11%)
Prior history of TB disease	15 (9%)
Died prior to or while on TB treatment	27 (16%)

FIGURE Tuberculosis rate² by age group in years among patients older than 65 years of age, New York City, 2018



1. Rates are based on New York City Health Department population estimates, modified from U.S. Census Bureau interpolated intercensal population estimates, 2000-2017.
Updated September 2018.





TOP TEN COUNTRIES OF BIRTH BY TB BURDEN AND INCIDENCE IN NEW YORK CITY, 2018

Country of birth	Number of cases	Country of birth	TB rate per 100,000
China ⁴	121	Nepal (14 cases)	188
United States (U.S.) ⁵	90	Burma (10 cases)	160
Ecuador	29	Ethiopia (2 cases)	103
Mexico	28	Sudan (1 case)	98
India	28	Saudi Arabia (1 case)	86
Philippines	27	Afghanistan (2 cases)	65
Bangladesh	25	Latvia (1 case)	59
Dominican Republic	21	Cambodia (1 case)	58
Guyana	16	Philippines (27 cases)	49
Pakistan	15	Indonesia (2 cases)	43



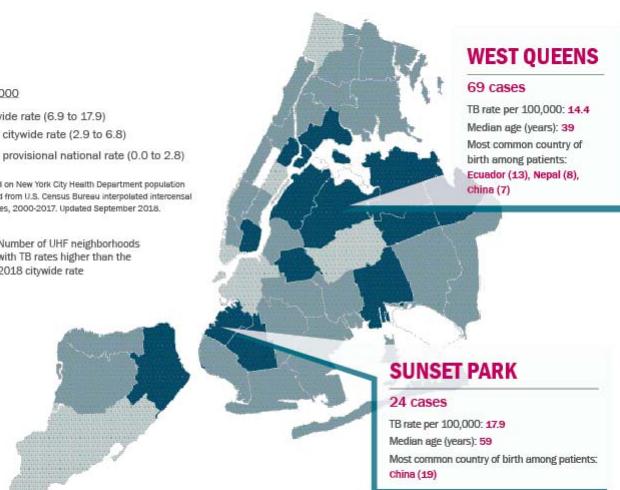
TUBERCULOSIS RATES¹ BY UNITED HOSPITAL FUND NEIGHBORHOOD, NEW YORK CITY, 2018

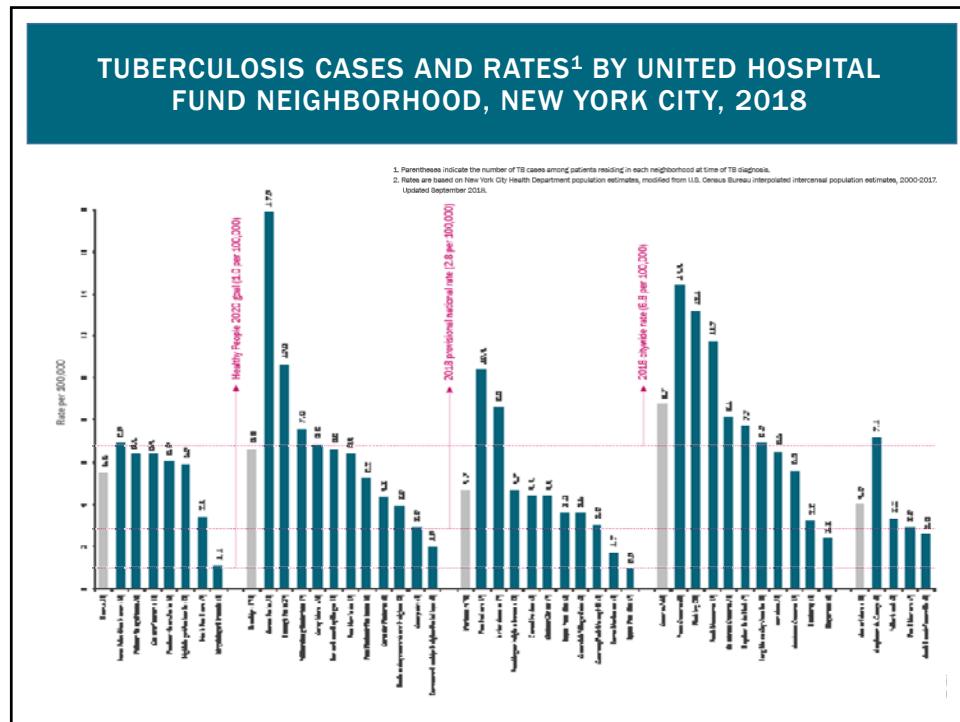
Rate per 100,000

- Above citywide rate (6.9 to 17.9)
- At or below citywide rate (2.9 to 6.8)
- At or below provisional national rate (0.0 to 2.8)

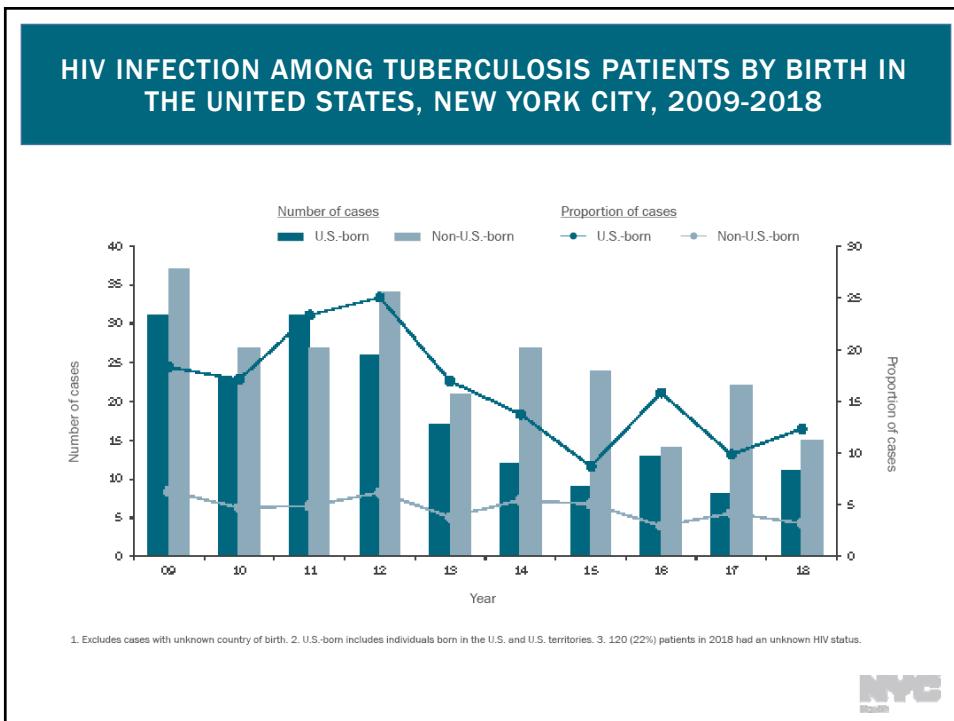
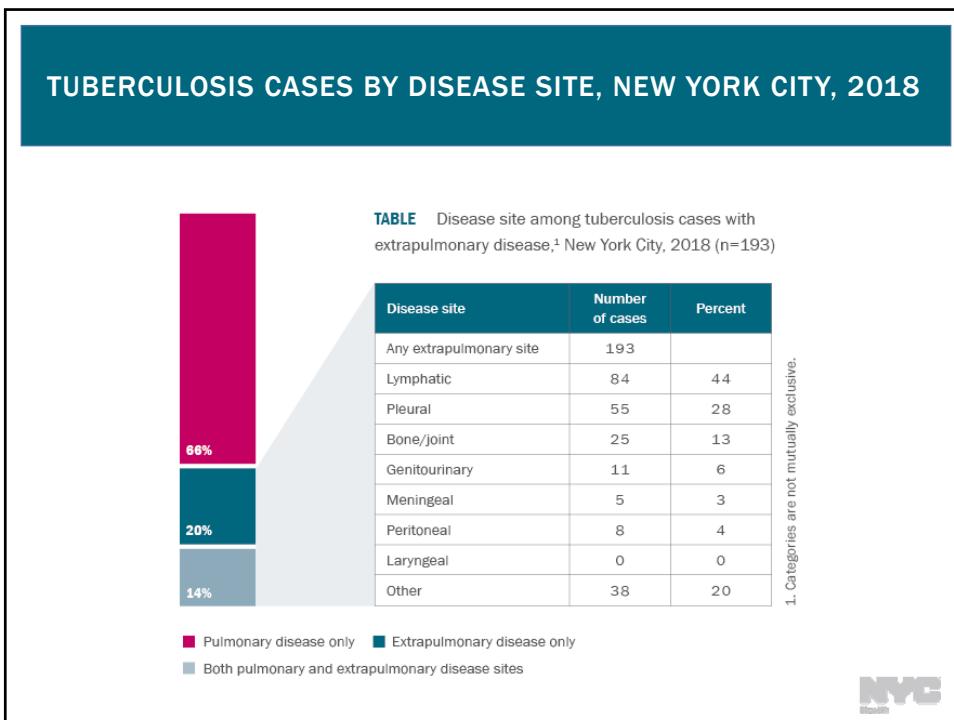
1. Rates are based on New York City Health Department population estimates, modified from U.S. Census Bureau interpolated intercensal population estimates, 2000-2017. Updated September 2018.

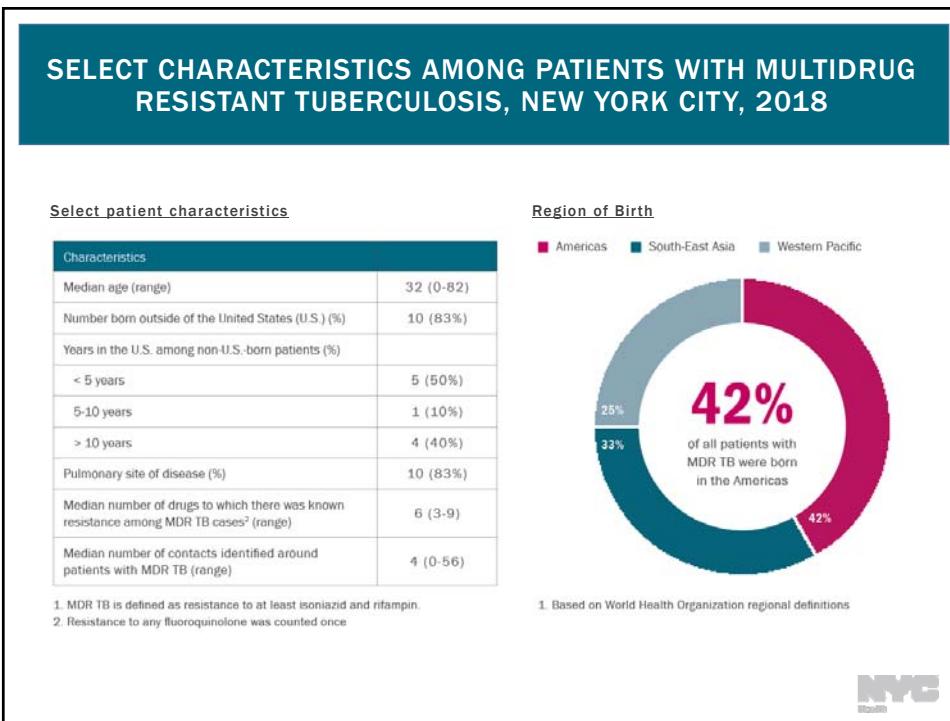
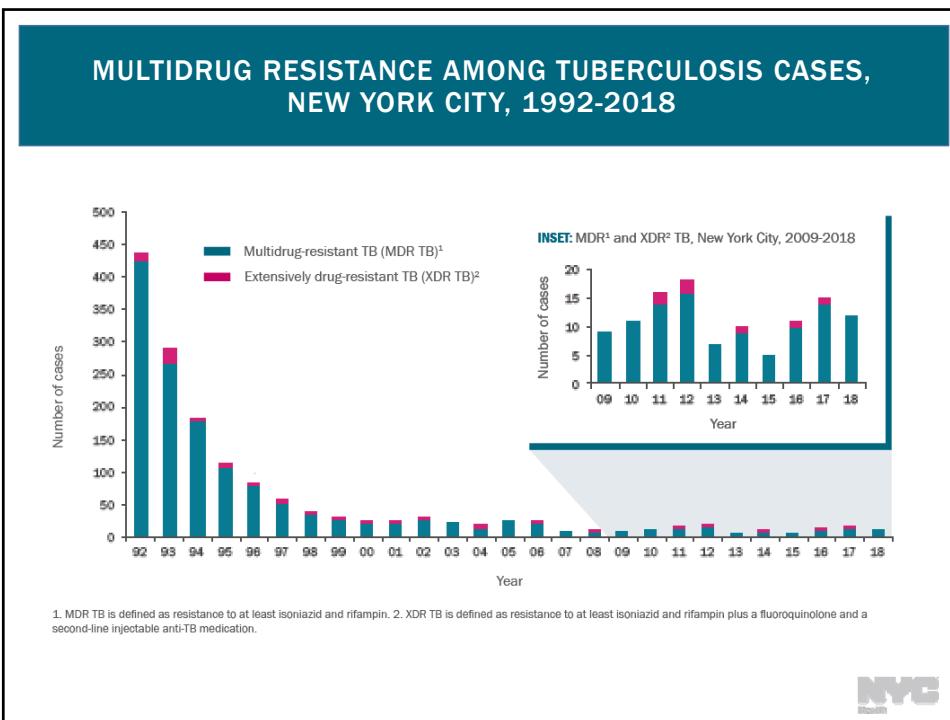
13 | Number of UHF neighborhoods with TB rates higher than the 2018 citywide rate



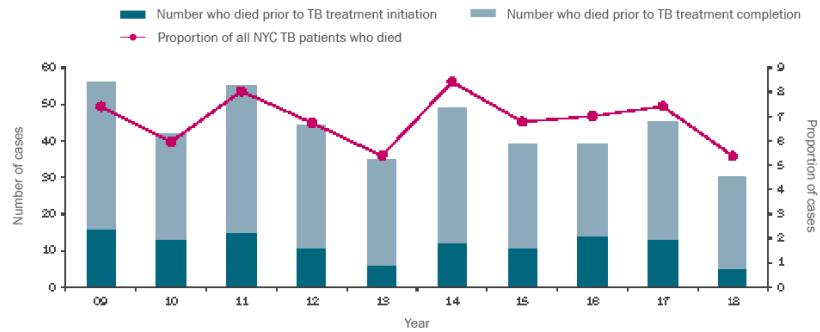


CLINICAL CHARACTERISTICS AND DRUG RESISTANCE





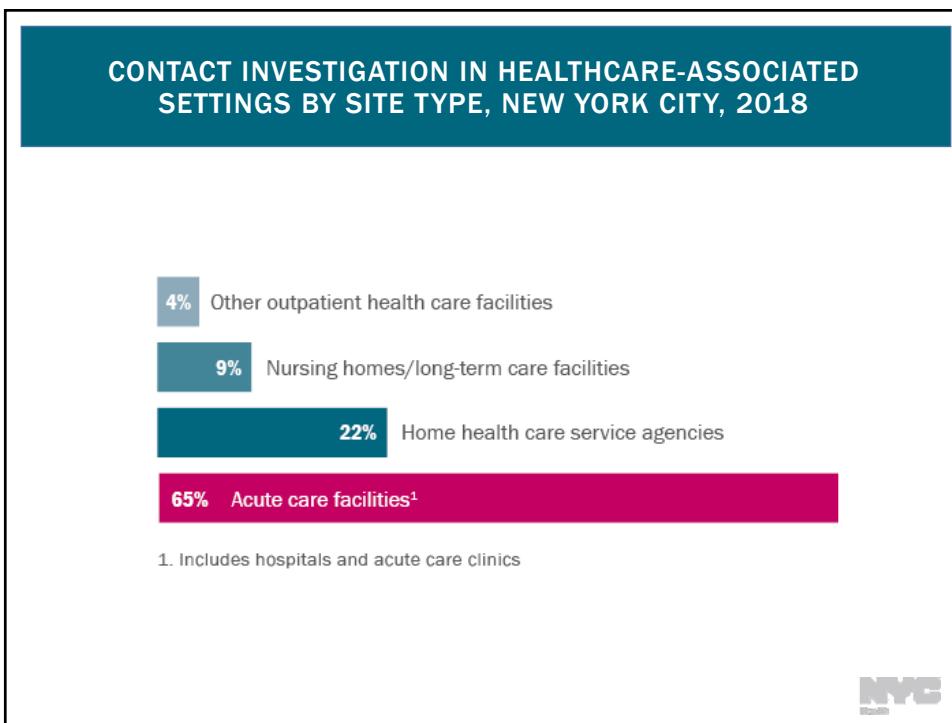
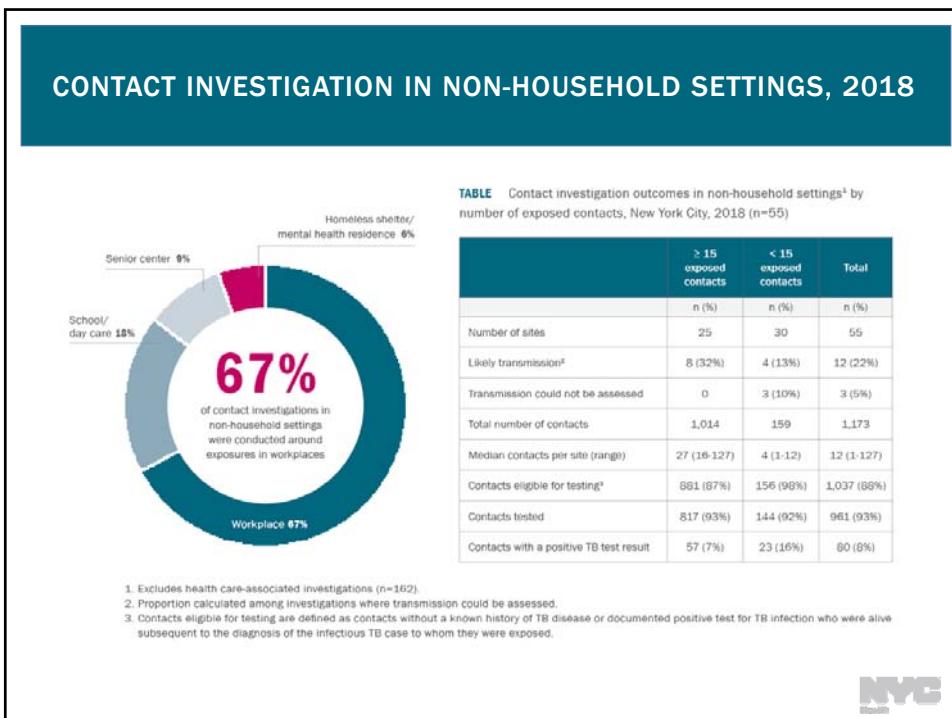
NUMBER AND PROPORTION OF PATIENTS WITH TUBERCULOSIS WHO DIED BEFORE OR DURING TREATMENT, NEW YORK CITY, 2009-2018



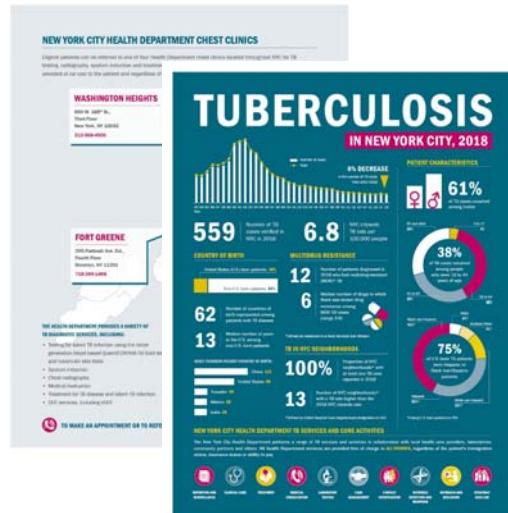
NYC

TRANSMISSION

STOP TB



INFOGRAPHICS, MAPS, AND HARD COPIES OF THE ANNUAL TB SUMMARY ARE AVAILABLE



Online:
nyc.gov/health/tb

Hard copies:
Email tb-epi@health.nyc.gov



ACKNOWLEDGEMENTS

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Contributors
Communications
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