Supplement to: The Impact of HIV Infection on TB disparities among U.S.-born Black and White Tuberculosis Patients in the United States

Supplement Table 1. Characteristics of Study HIV/TB Patients Having a Late HIV Diagnosis, 2009-2010, N=81^						
	Late HIV Diagnosis		Earlier HIV Diagnosis		Unadjusted	
Characteristic	n	Row %	n	Row %	Odds Ratio	95% Confidence Interval (CI)
	49	60	32	40		
Black	45	61	29	39	1.2	.2-5.6
White	4	57	3	43		
Male	35	62	21	38	1.3	.5-3.4
Female	14	56	11	44		
Age ≥ 65	2	50	2	50	0.6	.1-4.8
Age < 65	47	61	30	39		
< High School Education	26	72	10	28	2.1	.8-5.5
≥ High School Education	23	55	19	45		
Unknown	0		3			
Homeless	17	65	9	35	1.3	.5-3.4
Not homeless	32	59	22	41		
Unknown	0		1			
Inmate	3	50	3	50	0.6	.1-3.2
Not an inmate	43	62	26	38		
Unknown	3		3			
Long-term care resident	0	0	0	0	NA	
Not a long-term care resident	44	61	28	39		
Unknown	5		4			
Substance use	26	63	15	37	1.3	.5-3.1
No substance use	22	58	16	42		
Unknown	1		1			
	49		32			
Chronic illness	35	60	23	40	0.9	.3-2.4
No chronic illness	14	64	8	36		
Unknown	0		1			
Prior TB disease	5	71	2	29	1.7	.3-9.3
No prior TB	43	60	29	40		
Unknown	1		1			
^Among 81 persons with HIV who had a reported date of HIV diagnosis						
*Significant at 95% confidence level (CI)						

Supplement Table 2. Characteristics of Study TB Patients Who Died, 2009-2010, N=552

Characteristic	Died		Lived		Unadjusted		Adjusted+	
	n	Row %	n	Row %	Odds Ratio	95% Confidence Interval (CI)	Odds Ratio	CI
	88	16	464	84				
HIV infected	29	25	89	75	2.1	1.3-3.4*	4.2	2.2-8.1*
not HIV infected	59	14	375	86				
Black	67	16	359	84	0.9	.5-1.6	1.1	.6-2.1
White	21	17	105	83				
Male	64	17	319	83	1.2	.7-2.0		
Female	24	14	145	86				
Age ≥ 65	35	30	81	70	3.1	1.9-5.1*	2.9	1.6-5.3*
Age < 65	53	12	383	88				
< High School Education	31	15	173	85	1.4	.8-2.3		
≥ High School Education	38	12	289	88				
Unknown	19		2					
Homeless	7	8	86	92	0.4	.2-.9*	0.3	.1-.9*
Not homeless	80	17	378	83				
Unknown	1		0					
Inmate	1	4	27	96	0.2	.03-1.4		
Not an inmate	82	16	415	84				
Unknown	5		22					
Long-term care resident	5	29	12	71	2.3	.8-6.9		
Not a long-term care resident	76	15	428	85				
Unknown	7		24					
Substance use	12	7	157	93	0.3	.2-.6*	0.4	.2-.9*
No substance use	72	20	297	80				
Unknown	4		10					
Chronic illness	75	18	345	82	5.2	2.0-13.1*	4	1.5-10.6*
No chronic illness	5	4	119	96				
Unknown	8		0					
Prior TB disease	7	25	21	75	1.9	.8-4.6	2.4	.7-7.6
No prior TB	76	15	434	85				
Unknown	5		9					
NAAT ever	38	15	222	85	0.8	.5-1.3		
no NAAT	50	17	242	83				

*Significant at 95% confidence level (CI)

+Variables statistically significant at the 95% confidence level from backwards selection among HIV, race, sex, age, education, homelessness, incarceration, long-term care residency, substance use, chronic illness, prior TB, and NAAT use. We added race and prior TB back into the model, which were significantly associated with HIV in previous models.

Supplement Figure 1. US-born Non-Hispanic White and Black Population-based Rates of HIV/TB, 1994-2016