

**WAS THE FIRST PUBLIC HEALTH CAMPAIGN SUCCESSFUL?
THE TUBERCULOSIS MOVEMENT AND ITS EFFECT ON MORTALITY**

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ONLINE APPENDIX

Figure A1. The Growth of Sanatoriums: Evidence from the NASPT

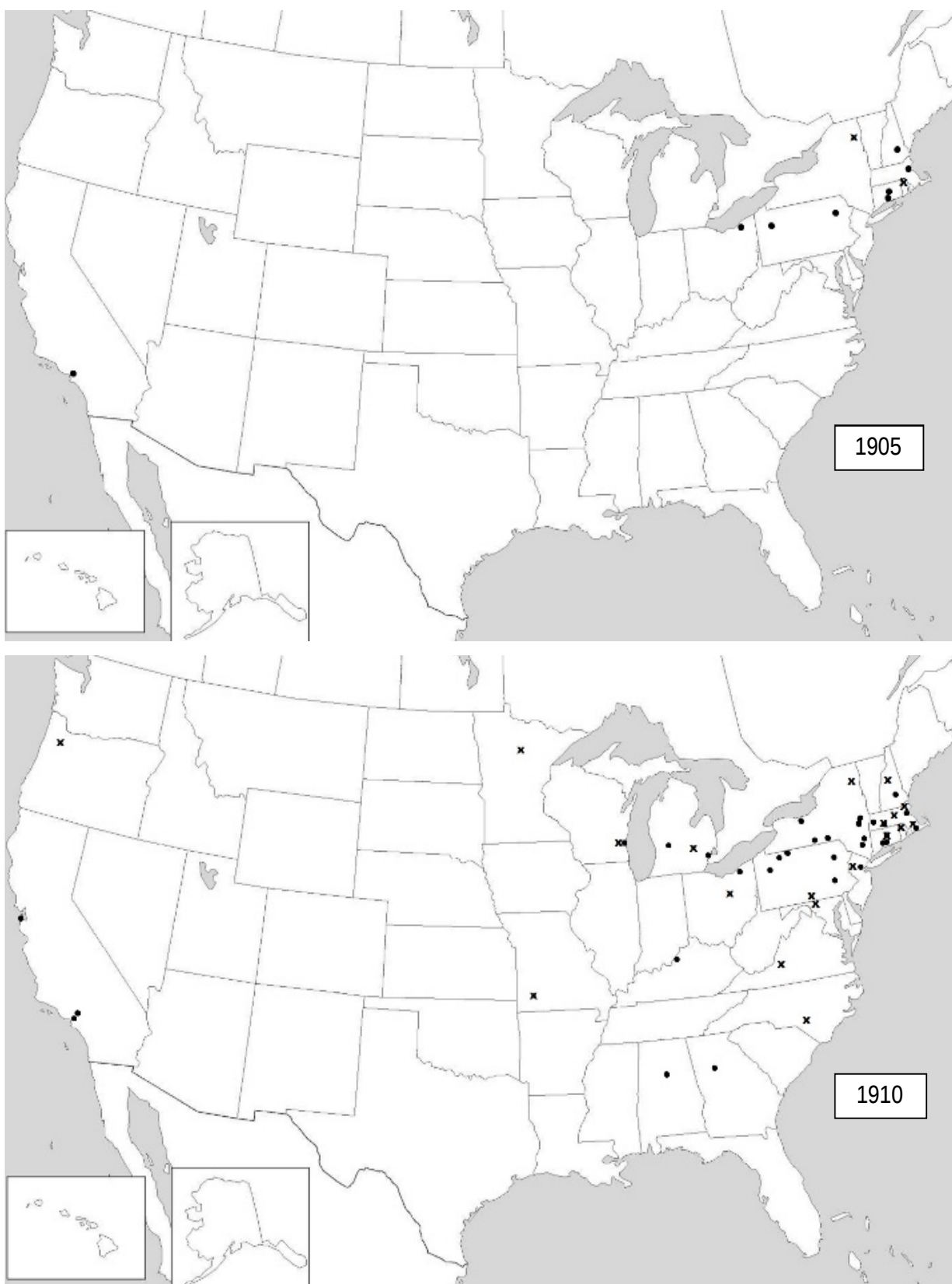
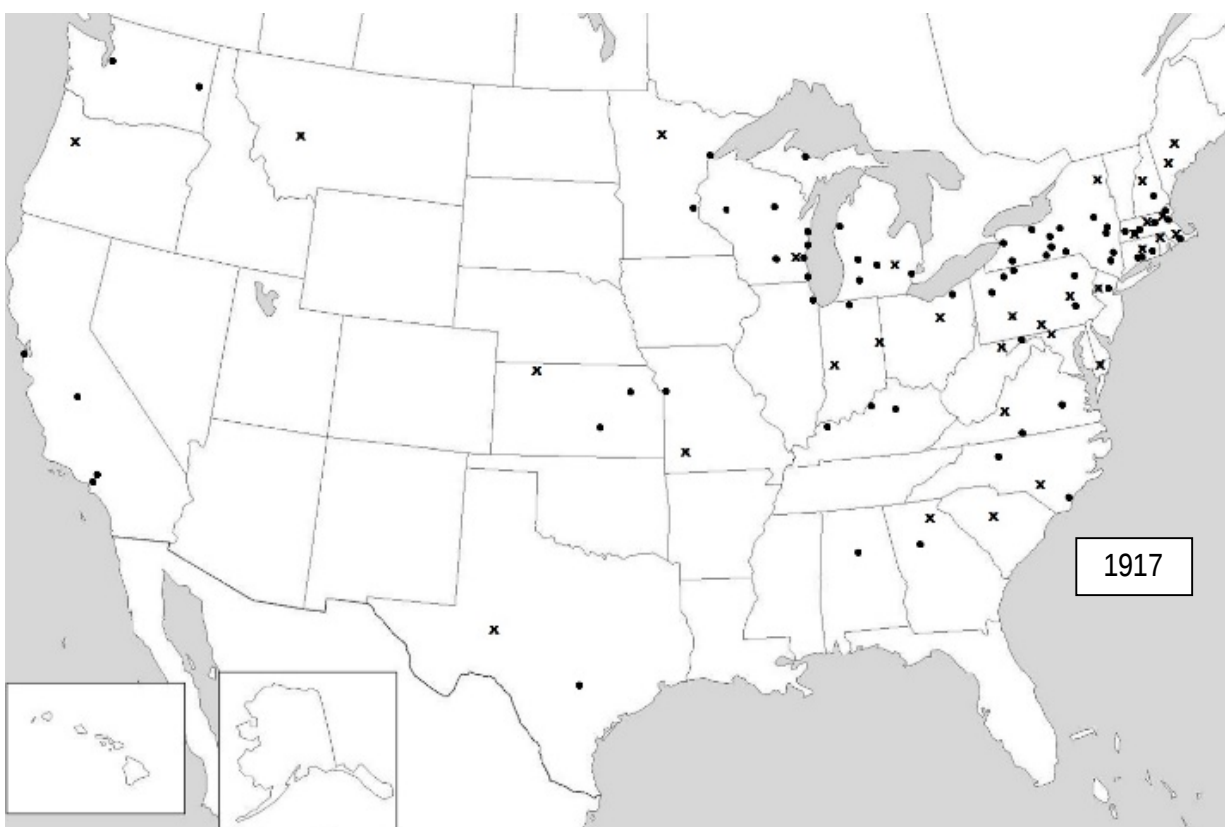


Figure A1. The Growth of Sanatoriums: Evidence from the NASPT (continued)



Notes: Based on data from Appendix Table 1. Only sanatoriums that contributed identifying variation to estimates based on equation (1) are shown. State-run sanatoriums are denoted with an "x."

Figure A2. The Growth of Municipal Reporting Ordinances: Evidence from the NASPT

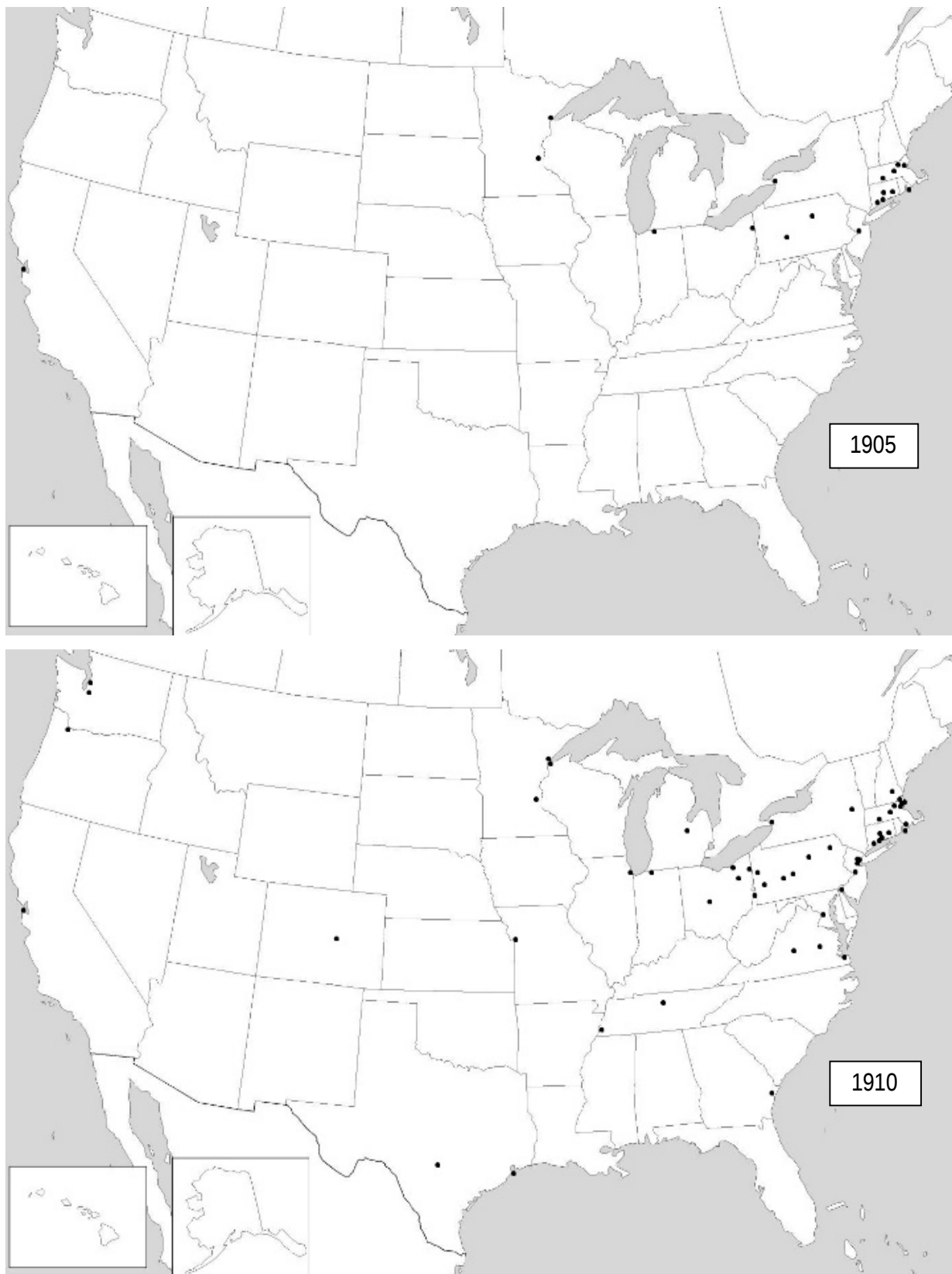


Figure A2. The Growth of Municipal Reporting Ordinances: Evidence from the NASPT (continued)



Notes: Based on data from Appendix Table 1. Only municipal ordinances that contributed identifying variation to estimates based on equation (1) are shown.

Table A1. Municipal-level Anti-TB Measures, 1900-1917

State	City	Years of available data	First sanatorium	First TB hospital	First open-air camp	Municipal reporting ordinance	Municipal disinfection ordinance	Municipal spitting ordinance	Municipal common cup ordinance	Municipal TB association	First dispensary
AL	Birmingham	1908-1917	1910							1910	1911
AL	Mobile	1900-1917									1914
AL	Montgomery	1908-1917			1911				1911		1909
CA	Alameda	1900-1917								1909	
CA	Bakersfield	1910-1917								1917	
CA	Berkeley	1906-1917									1910
CA	Eureka	1910-1917								1911	
CA	Fresno	1900-1917	1915					1911		1914	1916
CA	Los Angeles	1900-1917	1902							1908	1906
CA	Oakland	1900-1917						1903		1909	1910
CA	Pasadena	1906-1917	1909			1912		1910		1909	1915
CA	Sacramento	1900-1917		1916				1904		1908	1915
CA	San Bernardino	1910-1917								1917	
CA	San Diego	1900-1917		1903	1912			1907		1910	1909
CA	San Francisco	1900-1917	1909			1903			1913	1908	1909
CA	San Jose	1900-1917		1911				1907		1909	1911
CA	Stockton	1906-1917			1909					1912	1915
CO	Colorado Springs	1906-1917				1908	1909	1907	1912	1910	
CO	Denver	1900-1917						1905		1917	1913
CO	Pueblo	1900-1917						1905			1910
CT	Bridgeport	1900-1917		1917	1907	1902	1902			1914	
CT	Bristol	1900-1917								1917	1916
CT	Greenwich	1900-1917			1912						
CT	Hartford	1900-1917	1902					1906		1905	1908
CT	Meriden	1900-1917	1910			1910	1910	1903	1910	1907	
CT	Middletown	1900-1917								1909	
CT	New Britain	1900-1917				1905				1908	
CT	New Haven	1900-1917		1916	1910	1905		1901		1902	1907
CT	New London	1900-1917								1912	
CT	Norwalk	1900-1917								1909	1909
CT	Norwich	1900-1917	1913			1905				1912	
CT	Stamford	1900-1917			1910			1910		1910	
CT	Wallingford	1900-1917	1904							1915	
CT	Waterbury	1900-1917								1908	1908
DE	Wilmington	1900-1917				1908		1907		1909	1906
DC	Washington	1900-1917		1908	1908	1908		1903		1902	1905

Table A1. Municipal-level Anti-TB Measures, 1900-1917 (continued)

State	City	Years of available data	First sanatorium	First TB hospital	First open-air camp	Municipal reporting ordinance	Municipal disinfection ordinance	Municipal spitting ordinance	Municipal common cup ordinance	Municipal TB association	First dispensary
FL	Jacksonville	1900-1917		1913				1908			
FL	Tampa	1915-1917			1916						
GA	Atlanta	1900-1917	1909							1907	1907
GA	Savannah	1900-1917				1909		1904		1909	
IL	Aurora	1900-1917								1911	1917
IL	Chicago	1900-1917	1915	1909	1910	1906	1907	1901	1913	1906	1907
IL	Decatur	1900-1917						1902		1917	
IL	Evanston	1908-1917				1915				1910	
IL	Jacksonville	1900-1917								1905	1912
IL	Ottawa	1900-1909			1904						
IL	Quincy	1900-1917						1914			
IL	Springfield	1900-1917			1913			1907		1910	1911
IN	Anderson	1901-1917								1912	
IN	Elkhart	1901-1917								1913	
IN	Evansville	1900-1917		1910				1902		1904	1908
IN	Fort Wayne	1901-1917						1904		1910	1913
IN	Gary	1910-1917								1913	
IN	Huntington	1901-1917								1912	
IN	Indianapolis	1900-1917			1904		1902			1911	1908
IN	Kokomo	1901-1917								1912	
IN	Lafayette	1900-1917			1915					1908	
IN	Laporte	1910-1917								1914	
IN	Logansport	1901-1917								1912	
IN	Muncie	1900-1917								1909	
IN	New Albany	1901-1917								1912	1915
IN	Peru	1900-1917								1913	
IN	Richmond	1900-1917								1907	
IN	South Bend	1901-1917	1914		1909	1902		1906		1908	1908
IN	Terre Haute	1900-1917								1909	
IA	Sioux City	1900-1905						1905			
KS	Kansas City	1908-1917								1913	
KS	Topeka	1912-1917	1916								
KS	Wichita	1900-1917	1917								
KY	Covington	1900-1917									1912
KY	Frankfort	1911-1917								1912	
KY	Henderson	1911-1917	1917								

Table A1. Municipal-level Anti-TB Measures, 1900-1917 (continued)

State	City	Years of available data	First sanatorium	First TB hospital	First open-air camp	Municipal reporting ordinance	Municipal disinfection ordinance	Municipal spitting ordinance	Municipal common cup ordinance	Municipal TB association	First dispensary
KY	Lexington	1911-1917	1917								
KY	Louisville	1900-1917	1907					1905		1905	1907
KY	Newport	1900-1917								1916	
KY	Owensboro	1911-1917									1915
KY	Paducah	1900-1917								1910	
LA	New Orleans	1900-1917			1908		1912			1906	1908
ME	Auburn	1906-1917								1910	
ME	Augusta	1900-1917									1913
ME	Bangor	1900-1917			1910					1909	1909
ME	Lewiston	1906-1917						1912		1910	1914
ME	Portland	1900-1917					1909				1910
ME	Waterville	1906-1917								1910	1910
MD	Annapolis	1900-1909								1906	
MD	Baltimore	1900-1917						1905			
MD	Cumberland	1906-1917	1913							1909	1913
MD	Frederick	1900-1917								1907	1911
MD	Hagerstown	1907-1917								1911	
MA	Adams	1900-1917			1910					1908	1915
MA	Attleborough	1900-1917								1911	1915
MA	Beverly	1900-1917								1915	1915
MA	Boston	1900-1917	1904		1909					1903	
MA	Brockton	1900-1917						1904		1904	1909
MA	Brookline	1900-1917		1905	1908			1907		1907	1912
MA	Cambridge	1900-1917					1904			1903	1905
MA	Chelsea	1900-1917						1902		1907	1910
MA	Chicopee	1900-1917									1915
MA	Clinton	1900-1917	1915		1909					1908	1916
MA	Everett	1900-1917				1911		1906	1911	1908	1915
MA	Fall River	1900-1917		1907		1906	1906	1901		1908	1913
MA	Fitchburg	1900-1917		1913						1907	1909
MA	Framingham	1900-1917								1909	1915
MA	Gardner	1900-1917								1908	1909
MA	Gloucester	1900-1917				1909		1909		1914	1915
MA	Haverhill	1900-1917	1913			1906		1902		1907	1908
MA	Holyoke	1900-1917	1912		1908			1903		1907	1915
MA	Lawrence	1900-1917		1910	1908					1907	1910

Table A1. Municipal-level Anti-TB Measures, 1900-1917 (continued)

State	City	Years of available data	First sanatorium	First TB hospital	First open-air camp	Municipal reporting ordinance	Municipal disinfection ordinance	Municipal spitting ordinance	Municipal common cup ordinance	Municipal TB association	First dispensary
MA	Leominster	1900-1917									1915
MA	Lowell	1900-1917			1906	1903	1913	1903		1915	1915
MA	Lynn	1900-1917		1912	1909	1906	1906	1906		1907	1907
MA	Malden	1900-1917								1907	1908
MA	Medford	1900-1917								1907	1915
MA	Melrose	1900-1917								1909	1915
MA	New Bedford	1900-1917	1908							1906	1909
MA	Newburyport	1900-1917								1909	1909
MA	Newton	1900-1917					1914				
MA	North Adams	1900-1917									1914
MA	Northampton	1900-1917	1914							1907	1915
MA	Peabody	1900-1917									1914
MA	Pittsfield	1900-1917	1906	1913						1905	1908
MA	Plymouth	1900-1917									1916
MA	Quincy	1900-1917			1910					1908	1915
MA	Salem	1900-1917		1907	1908			1908		1907	1908
MA	Somerville	1900-1917				1904		1904		1906	1911
MA	Springfield	1900-1917		1912	1908	1904	1909	1901		1904	1907
MA	Taunton	1900-1917								1908	1915
MA	Wakefield	1900-1917									1915
MA	Waltham	1900-1917		1911				1906		1908	1911
MA	Webster	1900-1917									1915
MA	Westfield	1900-1917	1910								1910
MA	Winthrop	1910-1917									1915
MA	Worcester	1900-1917				1902				1907	1904
MI	Adrian	1906-1917								1911	
MI	Alpena	1906-1917								1908	
MI	Ann Arbor	1900-1917								1909	
MI	Battle Creek	1900-1917								1909	1908
MI	Bay City	1900-1917								1909	1907
MI	Detroit	1900-1917	1908					1906		1905	1906
MI	Escanaba	1900-1917								1909	
MI	Flint	1900-1917								1910	
MI	Grand Rapids	1900-1917	1907				1910	1905		1905	1908
MI	Jackson	1900-1917		1915						1908	1916
MI	Kalamazoo	1900-1917	1914		1909			1904		1909	1912

Table A1. Municipal-level Anti-TB Measures, 1900-1917 (continued)

[illegible]

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[illegible]

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[illegible]

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[illegible]

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[illegible]

Table A1. Municipal-level Anti-TB Measures, 1900-1917 (continued)

[illegible]

Table A1. Municipal-level Anti-TB Measures, 1900-1917 (continued)

State	City	Years of available data	First sanatorium	First TB hospital	First open-air camp	Municipal reporting ordinance	Municipal disinfection ordinance	Municipal spitting ordinance	Municipal common cup ordinance	Municipal TB association	First dispensary
WI	Green Bay	1900-1917								1911	
WI	Janesville	1908-1917								1912	
WI	Kenosha	1908-1917	1916								
WI	La Crosse	1908-1917								1910	
WI	Madison	1900-1917	1917							1909	1910
WI	Manitowoc	1900-1905, 1908-1917	1912							1911	
WI	Marinette	1900-1917								1912	
WI	Milwaukee	1900-1917	1907	1907				1905		1904	1908
WI	Racine	1908-1917	1913							1909	
WI	Sheboygan	1908-1917								1910	
WI	Superior	1900-1917				1910				1908	
WI	Wausau	1908-1917	1917							1910	1911

Notes: Data on municipal-level anti-TB interventions come from *A Tuberculosis Directory*, published in 1911, 1916, and 1919 by the National Association for the Study and Prevention of Tuberculosis. Dates are listed only for municipalities with mortality data available before and after the specific anti-TB measure was implemented.

Table A2. Predictors of Municipal Anti-TB Measures in 1917

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
	<i>Any Anti-TB Measure</i>	<i>Number of Anti-TB Measures</i>	<i>Sanatorium</i>	<i>TB Hospital</i>	<i>Open-Air Camp</i>	<i>Reporting Ordinance</i>	<i>Disinfection Ordinance</i>	<i>Spitting Ordinance</i>	<i>Common Cup Ordinance</i>	<i>Municipal TB Association</i>	<i>Dispensary</i>
<i>Pulmonary TB Mortality in 1900</i>	-0.0001 (0.0003)	0.003 (0.002)	0.0004 (0.0003)	0.0001 (0.0006)	0.0006* (0.0003)	0.0001 (0.0004)	0.0002 (0.0004)	0.001** (0.0005)	-0.0004** (0.0001)	0.0002 (0.0004)	0.0006 (0.0005)
<i>City Population in 1900 (in 100,000s)</i>	0.011* (0.006)	0.239*** (0.083)	0.033*** (0.011)	0.041*** (0.013)	0.030*** (0.007)	0.035*** (0.012)	0.007 (0.012)	0.028* (0.015)	0.032*** (0.006)	0.013* (0.007)	0.019* (0.011)
<i>% Female in 1900</i>	0.909 (1.15)	5.39 (6.59)	0.972 (1.13)	1.33 (0.987)	1.24 (1.27)	-0.597 (0.624)	0.660 (0.835)	-0.686 (1.61)	-0.785 (0.475)	2.16 (1.64)	1.10 (1.01)
<i>% Black in 1900</i>	-0.419 (0.551)	7.28 (4.50)	-0.035 (0.700)	1.11 (0.721)	0.191 (0.647)	1.84* (0.968)	1.27 (0.912)	1.73 (1.04)	0.413* (0.243)	0.845 (0.883)	-0.085 (1.02)
<i>% Foreign in 1900</i>	0.020 (0.391)	8.79*** (2.47)	0.494 (0.312)	0.753** (0.348)	0.947** (0.462)	1.70*** (0.366)	0.959*** (0.270)	2.14*** (0.543)	0.360 (0.226)	0.607 (0.486)	0.827 (0.510)
<i>% Under 18 in 1900</i>	-1.32 (1.35)	3.35 (5.82)	-0.412 (0.609)	0.635 (0.776)	-0.388 (1.02)	0.777 (0.972)	0.820 (0.817)	1.21 (1.15)	0.574 (0.633)	-0.017 (1.28)	0.157 (1.83)
<i>% Literate in 1900</i>	0.135 (0.825)	13.9** (5.43)	0.757 (1.04)	0.990* (0.491)	0.417 (0.705)	2.33** (0.932)	1.60** (0.771)	3.49*** (1.04)	0.795* (0.454)	1.85** (0.783)	1.70 (1.60)
N	306	306	306	306	306	306	306	306	306	306	306
R ²	0.307	0.399	0.207	0.266	0.262	0.339	0.222	0.318	0.386	0.321	0.370

*Statistically significant at 10% level; ** at 5% level; *** at 1% level.

Notes: Each column represents the results from a separate OLS regression. In column (1), the dependent variable is equal to one if the municipality had adopted any anti-TB measure by 1917. In column (2), the dependent variable is equal to the number of anti-TB measures adopted by the municipality by 1917. In columns (3)-(11), the dependent variable is equal to one if the municipality had adopted the specified anti-TB measure by 1917. Controls include state fixed effects. Standard errors, corrected for clustering at the state level, are in parentheses.

Table A3. State-level Anti-TB Measures, 1900-1917

State		State reporting law	State disinfection law	State common cup law	State TB association	First state-run sanatorium
AL	Municipalities with mortality data pre- and post-state policy change				1914 Birmingham, Mobile, Montgomery	
CA	Municipalities with mortality data pre- and post-state policy change				1907 Alameda, Berkeley, Fresno, Los Angeles, Oakland, Pasadena, Sacramento, San Diego, San Francisco, San Jose, Stockton	
CO	Municipalities with mortality data pre- and post-state policy change	1911 Colorado Springs, Denver, Pueblo, Trinidad	1913 Colorado Springs, Denver, Pueblo, Trinidad	1911 Colorado Springs, Denver, Pueblo, Trinidad	1909 Colorado Springs, Denver, Leadville, Pueblo	
CT	Municipalities with mortality data pre- and post-state policy change	1909 Ansonia, Bridgeport, Bristol, Danbury, Greenwich, Hartford, Manchester, Meriden, Middletown, Naugatuck, New Britain, New Haven, New London, Norwalk, Norwich, Stamford, Stonington, Torrington, Vernon, Wallingford, Waterbury, Windham			1909 Ansonia, Bridgeport, Bristol, Danbury, Greenwich, Hartford, Manchester, Meriden, Middletown, Naugatuck, New Britain, New Haven, New London, Norwalk, Stamford, Stonington, Torrington, Vernon, Wallingford, Waterbury, Windham	1909 Ansonia, Bridgeport, Bristol, Danbury, Greenwich, Hartford, Manchester, Meriden, Middletown, Naugatuck, New Britain, New Haven, New London, Norwalk, Norwich, Stamford, Stonington, Torrington, Vernon, Wallingford, Waterbury, Windham
DE	Municipalities with mortality data pre- and post-state policy change		1914 Wilmington		1906 Wilmington	
FL	Municipalities with mortality data pre- and post-state policy change				1916 Jacksonville, Key West, Pensacola, Tampa	
GA	Municipalities with mortality data pre- and post-state policy change				1909 Atlanta, Savannah	1911 Atlanta, Savannah

Table A3. State-level Anti-TB Measures, 1900-1917 (continued)

State		State reporting law	State disinfection law	State common cup law	State TB association	First state-run sanatorium
IL	Municipalities with mortality data pre- and post-state policy change		1914 Aurora, Belleville, Chicago, Decatur, Evanston, Jacksonville, Quincy, Springfield		1905 Aurora, Belleville, Chicago, Decatur, Jacksonville, Ottawa, Quincy, Springfield	
IN	Municipalities with mortality data pre- and post-state policy change	1907 Anderson, Columbus, Elkhart, Elwood, Evansville, Fort Wayne, Hammond, Huntington, Indianapolis, Jeffersonville, Kokomo, Lafayette, Logansport, Marion, Michigan City, Muncie, New Albany, Peru, Richmond, South Bend, Terre Haute, Vincennes, Wabash, Washington	1913 Anderson, East Chicago, Elkhart, Elwood, Evansville, Fort Wayne, Gary, Hammond, Huntington, Indianapolis, Jeffersonville, Kokomo, Lafayette, Logansport, Marion, Michigan City, Mishawaka, Muncie, New Albany, Peru, Richmond, South Bend, Terre Haute, Vincennes		1907 Anderson, Columbus, Elkhart, Elwood, Evansville, Fort Wayne, Hammond, Huntington, Indianapolis, Jeffersonville, Kokomo, Lafayette, Logansport, Marion, Michigan City, Muncie, New Albany, Peru, Richmond, South Bend, Terre Haute, Vincennes, Wabash, Washington	1911 Anderson, East Chicago, Elkhart, Elwood, Evansville, Fort Wayne, Gary, Hammond, Huntington, Indianapolis, Jeffersonville, Kokomo, Lafayette, Logansport, Marion, Michigan City, Mishawaka, Muncie, New Albany, Peru, Richmond, South Bend, Terre Haute, Vincennes
KS	Municipalities with mortality data pre- and post-state policy change	1909 Kansas City, Lawrence, Leavenworth, Wichita			1908 Kansas City, Lawrence, Leavenworth, Wichita	1914 Kansas City, Lawrence, Leavenworth, Parsons, Pittsburg, Topeka, Wichita
KY	Municipalities with mortality data pre- and post-state policy change				1909 Covington, Louisville, Newport, Paducah	
LA	Municipalities with mortality data pre- and post-state policy change	1909 New Orleans			1906 New Orleans	
ME	Municipalities with mortality data pre- and post-state policy change	1895	1913 Auburn, Augusta, Bangor, Biddeford, Lewiston, Portland, Waterville		1901 Augusta, Bangor, Bath, Biddeford, Portland	1915 Auburn, Augusta, Bangor, Biddeford, Lewiston, Portland, Waterville

Table A3. State-level Anti-TB Measures, 1900-1917 (continued)

State		State reporting law	State disinfection law	State common cup law	State TB association	First state-run sanatorium
MD		1904		1912	1904	1908
	Municipalities with mortality data pre- and post-state policy change	Annapolis, Baltimore, Frederick		Baltimore, Cumberland, Frederick, Hagerstown	Annapolis, Baltimore, Frederick	Annapolis, Baltimore, Cumberland, Frederick, Hagerstown
MA		1907			1906	1908
	Municipalities with mortality data pre- and post-state policy change	Adams, Amesbury, Arlington, Attleborough, Beverly, Boston, Brockton, Brookline, Cambridge, Chelsea, Chicopee, Clinton, Everett, Fall River, Fitchburg, Framingham, Gardner, Gloucester, Haverhill, Holyoke, Hyde Park, Lawrence, Leominster, Lowell, Lynn, Malden, Marlborough, Medford, Melrose, Milford, Natick, New Bedford, Newburyport, Newton, North Adams, Northampton, Peabody, Pittsfield, Plymouth, Quincy, Revere, Salem, Somerville, Southbridge, Springfield, Taunton, Wakefield, Waltham, Ware, Watertown, Webster, Westfield, Weymouth, Woburn, Worcester			Adams, Amesbury, Arlington, Attleborough, Beverly, Boston, Brockton, Brookline, Cambridge, Chelsea, Chicopee, Clinton, Danvers, Everett, Fall River, Fitchburg, Framingham, Gardner, Gloucester, Haverhill, Holyoke, Hyde Park, Lawrence, Leominster, Lowell, Lynn, Malden, Marlborough, Medford, Melrose, Milford, Natick, New Bedford, Newburyport, Newton, North Adams, Northampton, Peabody, Pittsfield, Plymouth, Quincy, Revere, Salem, Somerville, Southbridge, Springfield, Taunton, Wakefield, Waltham, Ware, Watertown, Webster, Weymouth, Woburn, Worcester	Adams, Amesbury, Arlington, Attleborough, Beverly, Boston, Brockton, Brookline, Cambridge, Chelsea, Chicopee, Clinton, Danvers, Everett, Fall River, Fitchburg, Framingham, Gardner, Gloucester, Haverhill, Holyoke, Hyde Park, Lawrence, Leominster, Lowell, Lynn, Malden, Marlborough, Medford, Melrose, Milford, Natick, New Bedford, Newburyport, Newton, North Adams, Northampton, Peabody, Pittsfield, Plymouth, Quincy, Revere, Salem, Somerville, Southbridge, Springfield, Taunton, Wakefield, Waltham, Ware, Watertown, Webster, Weymouth, Woburn, Worcester

Table A3. State-level Anti-TB Measures, 1900-1917 (continued)

State		State reporting law	State disinfection law	State common cup law	State TB association	First state-run sanatorium
MI	Municipalities with mortality data pre- and post-state policy change	1893			1908 Adrian, Alpena, Ann Arbor, Battle Creek, Bay City, Detroit, Escanaba, Flint, Grand Rapids, Iron Mountain, Ironwood, Ishpeming, Jackson, Kalamazoo, Lansing, Manistee, Marquette, Menominee, Muskegon, Owosso, Pontiac, Port Huron, Saginaw, Sault Ste. Marie, Traverse City	1907 Adrian, Alpena, Ann Arbor, Battle Creek, Bay City, Detroit, Escanaba, Flint, Grand Rapids, Iron Mountain, Ironwood, Ishpeming, Jackson, Kalamazoo, Lansing, Manistee, Marquette, Menominee, Muskegon, Owosso, Pontiac, Port Huron, Saginaw, Sault Ste. Marie, Traverse City
MN	Municipalities with mortality data pre- and post-state policy change		1913 Duluth, Mankato, Minneapolis, St. Cloud, St. Paul, Stillwater, Virginia, Winona	1913 Duluth, Mankato, Minneapolis, St. Cloud, St. Paul, Stillwater, Virginia, Winona	1908 Duluth, Mankato, Minneapolis, St. Paul, Winona	1908 Duluth, Mankato, Minneapolis, St. Paul, Winona
MO	Municipalities with mortality data pre- and post-state policy change				1907 Kansas City, St. Joseph, St. Louis	1907 Kansas City, St. Joseph, St. Louis
MT	Municipalities with mortality data pre- and post-state policy change	1913 Anaconda, Billings, Butte, Great Falls, Helena, Missoula	1913 Anaconda, Billings, Butte, Great Falls, Helena, Missoula	1913 Anaconda, Billings, Butte, Great Falls, Helena, Missoula	1908 Helena	1913 Anaconda, Billings, Butte, Great Falls, Helena, Missoula
NE	Municipalities with mortality data pre- and post-state policy change	1909 Lincoln, Omaha		1913 Lincoln, Omaha	1907 Lincoln, Omaha	1912 Lincoln, Omaha
NH	Municipalities with mortality data pre- and post-state policy change				1906 Berlin, Concord, Dover, Keene, Laconia, Manchester, Nashua, Portsmouth, Rochester	1909 Berlin, Concord, Dover, Keene, Laconia, Manchester, Nashua, Portsmouth, Rochester

Table A3. State-level Anti-TB Measures, 1900-1917 (continued)

State		State reporting law	State disinfection law	State common cup law	State TB association	First state-run sanatorium
NJ		1909		1911	1906	1907
	Municipalities with mortality data pre- and post-state policy change	Atlantic City, Bayonne, Bloomfield, Bridgeton, Camden, East Orange, Elizabeth, Hackensack, Harrison, Hoboken, Jersey City, Kearny, Long Branch, Millville, Montclair, Morristown, New Brunswick, Newark, Orange, Passaic, Paterson, Perth Amboy, Phillipsburg, Plainfield, Trenton, Union, West Hoboken		Asbury Park, Atlantic City, Bayonne, Bloomfield, Bridgeton, Camden, East Orange, Elizabeth, Garfield, Hackensack, Hoboken, Irvington, Jersey City, Kearny, Long Branch, Millville, Montclair, Morristown, New Brunswick, Newark, Orange, Passaic, Paterson, Perth Amboy, Phillipsburg, Plainfield, Trenton, Union, West Hoboken, West New York, West Orange	Atlantic City, Bayonne, Bloomfield, Bridgeton, Camden, East Orange, Elizabeth, Hackensack, Harrison, Hoboken, Jersey City, Kearny, Long Branch, Millville, Montclair, Morristown, New Brunswick, Newark, Orange, Passaic, Paterson, Perth Amboy, Phillipsburg, Plainfield, Trenton, Union, West Hoboken	Atlantic City, Bayonne, Bloomfield, Bridgeton, Camden, East Orange, Elizabeth, Hackensack, Harrison, Hoboken, Jersey City, Kearny, Long Beach, Millville, Montclair, Morristown, New Brunswick, Newark, Orange, Passaic, Paterson, Perth Amboy, Phillipsburg, Plainfield, Trenton, Union, West Hoboken
NY		1907			1907	1904
	Municipalities with mortality data pre- and post-state policy change	Albany, Amsterdam, Auburn, Batavia, Binghamton, Buffalo, Cohoes, Corning, Cortland, Dunkirk, Elmira, Geneva, Glens Falls, Gloversville, Hornell, Hudson, Ithaca, Jamestown, Johnstown, Kingston, Little Falls, Lockport, Middletown, Mount Vernon, New Rochelle, New York, Newburgh, Niagara Falls, North Tonawanda, Ogdensburg, Olean, Oswego, Peekskill, Plattsburg, Port Jervis, Poughkeepsie, Rochester, Rome, Saratoga Springs,			Albany, Amsterdam, Auburn, Batavia, Binghamton, Buffalo, Cohoes, Corning, Cortland, Dunkirk, Elmira, Geneva, Glens Falls, Gloversville, Hornell, Hudson, Ithaca, Jamestown, Johnstown, Kingston, Little Falls, Lockport, Middletown, Mount Vernon, New Rochelle, New York, Newburgh, Niagara Falls, North Tonawanda, Ogdensburg, Olean, Oswego, Peekskill, Plattsburg, Port Jervis, Poughkeepsie, Rochester, Rome, Saratoga Springs, Schenectady, Syracuse,	Albany, Amsterdam, Auburn, Binghamton, Buffalo, Cohoes, Corning, Cortland, Dunkirk, Elmira, Geneva, Glens Falls, Gloversville, Hudson, Ithaca, Jamestown, Johnstown, Kingston, Lockport, Middletown, Mount Vernon, New Rochelle, New York, Newburgh, Niagara Falls, Ogdensburg, Olean, Peekskill, Port Jervis, Poughkeepsie, Rochester, Rome, Saratoga Springs, Schenectady, Syracuse, Troy, Utica, Watertown, Watervliet, Yonkers

Table A3. State-level Anti-TB Measures, 1900-1917 (continued)

State	State reporting law	State disinfection law	State common cup law	State TB association	First state-run sanatorium
NY (continued)	1907			1907	1904
Municipalities with mortality data pre- and post-state policy change	Schenectady, Syracuse, Troy, Utica, Watertown, Watervliet, Yonkers			Troy, Utica, Watertown, Watervliet, Yonkers	
NC	1913			1906	1908
Municipalities with mortality data pre- and post-state policy change	Asheville, Durham, Greensboro, Raleigh, Wilmington, Winston-Salem			Raleigh, Wilmington	Raleigh, Wilmington
OH				1901	1909
Municipalities with mortality data pre- and post-state policy change				Ashtabula, Bellaire, Canton, Chillicothe, Cincinnati, Cleveland, Columbus, Dayton, Findlay, Hamilton, Ironton, Lima, Marietta, Massillon, Middletown, Newark, Portsmouth, Tiffin, Toledo, Warren, Youngstown	Ashtabula, Bellaire, Canton, Chillicothe, Cincinnati, Cleveland, Columbus, Dayton, Findlay, Hamilton, Ironton, Lima, Marietta, Massillon, Middletown, Newark, Portsmouth, Tiffin, Toledo, Warren, Youngstown
OR	1903		1915	1908	1910
Municipalities with mortality data pre- and post-state policy change	Portland		Portland	Portland	Portland
PA	1909		1913	1892	1907
Municipalities with mortality data pre- and post-state policy change	Allentown, Altoona, Beaver Falls, Braddock, Bradford, Butler, Carbondale, Carlisle, Chambersburg, Chester, Columbia, Danville, Dubois, Dunmore, Duquense, Easton, Erie, Harrisburg, Hazleton, Homestead, Johnstown, Lancaster, Lebanon, Mahoney City, McKeesport, Meadville, Mount Carmel,		Allentown, Altoona, Beaver Falls, Bethlehem, Braddock, Bradford, Butler, Carbondale, Carlisle, Carnegie, Chambersburg, Chester, Coatesville, Columbia, Connellsville, Dubois, Dunmore, Duquense, Easton, Erie, Farrell, Greensburg, Harrisburg, Hazleton, Homestead, Johnstown, Lancaster, Lebanon, Mahoney City,		Allentown, Altoona, Beaver Falls, Braddock, Bradford, Butler, Carbondale, Carlisle, Chambersburg, Chester, Columbia, Danville, Dubois, Dunmore, Duquense, Easton, Erie, Harrisburg, Hazleton, Homestead, Johnstown, Lancaster, Lebanon, Mahoney City, McKeesport, Meadville, Mount Carmel, Nanticoke, New Castle, Norristown, Oil City, Philadelphia,

Table A3. State-level Anti-TB Measures, 1900-1917 (continued)

State		State reporting law	State disinfection law	State common cup law	State TB association	First state-run sanatorium
PA (continued)		1909		1913	1892	1907
	Municipalities with mortality data pre- and post-state policy change	Nanticoke, New Castle, Norristown, Oil City, Philadelphia, Phoenixville, Pittsburgh, Pittston, Plymouth, Pottstown, Pottsville, Reading, Scranton, Shamokin, Sharon, Shenandoah, South Bethlehem, Steelton, Sunbury, Titusville, Warren, West Chester, Wilkes-Barre, Wilkesburg, Williamsport, York		McKees Rocks, McKeesport, Meadville, Monessen, Mount Carmel, Nanticoke, New Castle, Norristown, North Braddock, Oil City, Old Forge, Philadelphia, Phoenixville, Pittsburgh, Pittston, Plymouth, Pottstown, Pottsville, Reading, Scranton, Shamokin, Sharon, Shenandoah, South Bethlehem, Steelton, Sunbury, Uniontown, Warren, Washington, West Chester, Wilkes-Barre, Wilkesburg, Williamsport, York		Phoenixville, Pittsburgh, Pittston, Plymouth, Pottstown, Pottsville, Reading, Scranton, Shamokin, Sharon, Shenandoah, South Bethlehem, Steelton, Sunbury, Titusville, Warren, West Chester, Wilkes-Barre, Wilkesburg, Williamsport, York
RI		1909			1907	1905
	Municipalities with mortality data pre- and post-state policy change	Central Falls, Cranston, Cumberland, East Providence, Lincoln, Newport, Pawtucket, Providence, Warwick, Woonsocket			Central Falls, Cranston, Cumberland, East Providence, Newport, Pawtucket, Providence, Warwick, Woonsocket	Central Falls, Newport, Pawtucket, Providence, Woonsocket
SC					1913	1915
	Municipalities with mortality data pre- and post-state policy change				Charleston	Charleston
TN		1905			1912	
	Municipalities with mortality data pre- and post-state policy change	Memphis, Nashville			Knoxville, Memphis, Nashville	
TX		1911			1908	1912
	Municipalities with mortality data pre- and post-state policy change	Galveston, San Antonio			Galveston, San Antonio	El Paso, Galveston, San Antonio

Table A3. State-level Anti-TB Measures, 1900-1917 (continued)

State		State reporting law	State disinfection law	State common cup law	State TB association	First state-run sanatorium
UT		1913	1913		1916	
	Municipalities with mortality data pre- and post-state policy change	Ogden, Salt Lake City	Ogden, Salt Lake City		Ogden, Salt Lake City	
VT					1916	1906
	Municipalities with mortality data pre- and post-state policy change				Barre, Burlington, Rutland	Barre, Bennington, Burlington, Rutland
VA		1910	1908		1909	1909
	Municipalities with mortality data pre- and post-state policy change	Alexandria, Danville, Lynchburg, Norfolk, Petersburg, Richmond	Alexandria, Lynchburg, Norfolk, Petersburg, Richmond		Alexandria, Danville, Lynchburg, Manchester, Norfolk, Petersburg, Richmond	Alexandria, Danville, Lynchburg, Manchester, Norfolk, Petersburg, Richmond
WA		1903		1912	1906	
	Municipalities with mortality data pre- and post-state policy change	Seattle, Spokane, Tacoma		Aberdeen, Bellingham, Everett, North Yakima, Seattle, Spokane, Tacoma, Walla Walla	Seattle, Spokane, Tacoma	
WV				1913	1908	1913
	Municipalities with mortality data pre- and post-state policy change			Wheeling	Wheeling	Wheeling
WI		1907	1907	1913	1908	1907
	Municipalities with mortality data pre- and post-state policy change	Appleton, Beloit, Chippewa Falls, Eau Claire, Green Bay, Madison, Manitowoc, Marinette, Milwaukee, Superior	Appleton, Beloit, Chippewa Falls, Eau Claire, Green Bay, Madison, Manitowoc, Marinette, Milwaukee, Superior	Appleton, Ashland, Beloit, Eau Claire, Fond du Lac, Green Bay, Janesville, Kenosha, La Crosse, Madison, Manitowoc, Marinette, Milwaukee, Oshkosh, Racine, Sheboygan, Superior, Wausau	Appleton, Ashland, Beloit, Chippewa Falls, Eau Claire, Fond du Lac, Green Bay, Janesville, Kenosha, La Crosse, Madison, Manitowoc, Marinette, Merrill, Milwaukee, Oshkosh, Racine, Sheboygan, Stevens Point, Superior, Wausau	Appleton, Beloit, Chippewa Falls, Eau Claire, Green Bay, Madison, Manitowoc, Marinette, Milwaukee, Superior

Notes: Data on state-level anti-TB interventions come from *A Tuberculosis Directory*, published in 1911, 1916, and 1919 by the National Association for the Study and Prevention of Tuberculosis.

Table A4. Pulmonary TB Mortality and Anti-TB Interventions without Controlling for Municipality-Specific Linear Trends

	(1)	(2)	(3)	(4)
<i>Sanatorium</i>	0.010 (0.022)	0.010 (0.023)	0.003 (0.027)	-0.002 (0.026)
<i>TB Hospital</i>	0.043 (0.026)	0.051** (0.021)	0.056*** (0.019)	0.050** (0.020)
<i>Open-Air Camp</i>	0.034 (0.029)	0.039 (0.031)	0.026 (0.031)	0.032 (0.031)
<i>Reporting Ordinance</i>	...	-0.041 (0.034)	-0.059* (0.029)	-0.065** (0.029)
<i>State Reporting Law</i>	...	-0.035 (0.031)	-0.033 (0.032)	-0.029 (0.033)
<i>Disinfection Ordinance</i>	...	...	0.020 (0.038)	0.012 (0.038)
<i>State Disinfection Law</i>	...	...	-0.004 (0.035)	-0.005 (0.035)
<i>Spitting Ordinance</i>	...	...	0.019 (0.024)	0.012 (0.022)
<i>Common Cup Ordinance</i>	...	...	0.057*** (0.019)	0.062*** (0.018)
<i>State Common Cup Law</i>	...	...	0.016 (0.031)	0.012 (0.022)
<i>Municipal TB Association</i>	...	...	...	0.011 (0.017)
<i>State TB Association</i>	...	...	...	-0.020 (0.025)
<i>Dispensary</i>	...	...	...	0.023 (0.023)
No. of municipalities	548	548	548	548
N	7,439	7,439	7,439	7,439
R ²	0.836	0.836	0.837	0.838

*Statistically significant at 10% level; ** at 5% level; *** at 1% level.

Notes: Based on annual data from *Mortality Statistics* for the period 1900-1917, published by the U.S. Census Bureau. Each column represents the results from a separate OLS regression. The dependent variable is equal to the natural log of the pulmonary tuberculosis mortality rate per 100,000 population in municipality m and year t . Controls include the demographic characteristics listed in Table 1, municipality fixed effects, and year fixed effects. Regressions are weighted by municipality population. Standard errors, corrected for clustering at the state level, are in parentheses.

Table A5. The Five Most Common Anti-TB Bundles in 1917

	Number of municipalities with bundle	Average number of years between interventions	Number of times that 2 or more interventions went into effect during same year	Timing of interventions within each bundle	Timing of interventions within each bundle			
					1 st	2 nd	3 rd	4 th
<i>Bundle 1</i> (= <i>Municipal TB Association</i> + <i>Dispensary</i>)	61	3.43	15	<i>Municipal TB Association</i>	43	18	...	...
				<i>Dispensary</i>	33	28	...	...
<i>Bundle 2</i> (= <i>Municipal TB Association</i> + <i>Dispensary</i> + <i>Sanatorium</i>)	12	2.58	4	<i>Municipal TB Association</i>	11	0	1	...
				<i>Dispensary</i>	3	4	5	...
				<i>Sanatorium</i>	1	6	5	...
<i>Bundle 3</i> (= <i>Municipal TB Association</i> + <i>Dispensary</i> + <i>Spitting Ordinance</i>)	12	3.38	4	<i>Spitting Ordinance</i>	9	3	0	...
				<i>Municipal TB Association</i>	4	6	2	...
				<i>Dispensary</i>	0	5	7	...
<i>Bundle 4</i> (= <i>Municipal TB Association</i> + <i>Sanatorium</i>)	9	5.89	0	<i>Municipal TB Association</i>	6	3	...	...
				<i>Sanatorium</i>	3	6	...	...
<i>Bundle 5</i> (= <i>Municipal TB Association</i> + <i>Dispensary</i> + <i>Spitting Ordinance</i> + <i>Reporting Ordinance</i>)	8	2.58	5	<i>Spitting Ordinance</i>	6	2	0	0
				<i>Reporting Ordinance</i>	4	3	1	0
				<i>Dispensary</i>	1	1	2	4
				<i>Municipal TB Association</i>	0	0	5	3

Notes: If municipality *m* did not have a dispensary and municipal TB association in 1917 (i.e., the most common anti-TB bundle), *Bundle 1* is equal to 0 in every year. If municipality *m* did not have a dispensary, municipal TB association, and sanatorium in 1917 (i.e., the second-most common anti-TB bundle), *Bundle 2* is equal to 0 in every year. *Bundle 3*, *Bundle 4*, and *Bundle 5* are defined analogously.

Table A6. Pulmonary TB Mortality Regressed on Each State Anti-TB Measure Separately

	State Reporting Law		State Disinfection Law		State Common Cup Law		State TB Association	
<i>State Anti-TB Measure</i>	-0.015 (0.018)	...	-0.031 (0.025)	...	-0.024 (0.021)	...	0.016 (0.020)	...
<i>5 Years Prior</i>	...	-0.032 (0.022)	...	0.033* (0.019)	...	-0.036 (0.041)	...	-0.028 (0.017)
<i>4 Years Prior</i>	...	-0.027 (0.037)	...	0.061 (0.037)	...	-0.004 (0.037)	...	-0.024 (0.022)
<i>3 Years Prior</i>	...	-0.068* (0.034)	...	0.031 (0.057)	...	-0.007 (0.049)	...	-0.033 (0.032)
<i>2 Years Prior</i>	...	-0.111** (0.043)	...	0.057 (0.064)	...	0.004 (0.043)	...	-0.040 (0.037)
<i>1 Year Prior</i>	...	-0.103** (0.048)	...	0.057 (0.061)	...	-0.039 (0.052)	...	-0.043 (0.043)
<i>Year 0</i>	...	-0.116** (0.054)	...	0.052 (0.075)	...	-0.043 (0.067)	...	-0.036 (0.052)
<i>1 Year After</i>	...	-0.121* (0.062)	...	0.053 (0.070)	...	-0.018 (0.075)	...	-0.029 (0.059)
<i>2 Years After</i>	...	-0.136** (0.067)	...	-0.006 (0.103)	...	-0.081 (0.062)	...	-0.020 (0.065)
<i>3 Years After</i>	...	-0.177** (0.073)	...	-0.021 (0.119)	...	-0.087 (0.061)	...	-0.021 (0.070)
<i>4 Years After</i>	...	-0.195** (0.078)	...	0.011 (0.102)	...	-0.101 (0.066)	...	-0.026 (0.072)
<i>5+ Years After</i>	...	-0.170* (0.089)	...	-0.027 (0.151)	...	-0.129 (0.087)	...	0.003 (0.083)
Mean	141.5	141.5	141.5	141.5	141.5	141.5	141.5	141.5
No. of municipalities	548	548	548	548	548	548	548	548
N	7,439	7,439	7,439	7,439	7,439	7,439	7,439	7,439
R ²	0.882	0.883	0.882	0.883	0.882	0.883	0.882	0.882

*Statistically significant at 10% level; ** at 5% level; *** at 1% level.

Notes: Based on annual data from *Mortality Statistics* for the period 1900-1917, published by the U.S. Census Bureau. Each column represents the results from a separate OLS regression. The dependent variable is equal to the natural log of the pulmonary tuberculosis mortality rate per 100,000 population in municipality *m* and year *t*. Controls include the demographic characteristics listed in Table 1, municipality fixed effects, year fixed effects, and municipality-specific linear trends. The omitted category in the event-study analyses is 6 or more years prior to implementation. Regressions are weighted by municipality population. Standard errors, corrected for clustering at the state level, are in parentheses.

Table A7. Event-Study Analyses for Each Municipal Anti-TB Measure Conditioning on the other Anti-TB Measures

	Sanatorium	TB Hospital	Open-Air Camp	Reporting Ordinance	Disinfection Ordinance	Spitting Ordinance	Common Cup Ordinance	Municipal TB Association	Dispensary
<i>5 Years Prior</i>	-0.013 (0.018)	-0.015 (0.027)	-0.020 (0.014)	-0.021 (0.024)	0.028 (0.031)	0.042 (0.030)	0.010 (0.032)	-0.011 (0.017)	0.012 (0.012)
<i>4 Years Prior</i>	-0.013 (0.028)	-0.029 (0.036)	0.001 (0.017)	-0.019 (0.022)	0.041 (0.040)	0.025 (0.034)	0.014 (0.038)	-0.017 (0.018)	0.012 (0.019)
<i>3 Years Prior</i>	-0.042 (0.033)	-0.004 (0.043)	-0.028 (0.028)	-0.013 (0.026)	0.022 (0.049)	0.027 (0.038)	0.026 (0.047)	0.005 (0.018)	-0.005 (0.029)
<i>2 Years Prior</i>	-0.031 (0.043)	-0.011 (0.048)	-0.054 (0.034)	-0.042 (0.029)	0.054 (0.046)	0.025 (0.036)	0.005 (0.048)	-0.020 (0.027)	-0.005 (0.030)
<i>1 Year Prior</i>	-0.031 (0.041)	-0.016 (0.051)	-0.019 (0.039)	-0.067 (0.043)	0.059 (0.072)	0.043 (0.040)	-0.005 (0.055)	-0.030 (0.030)	0.015 (0.035)
<i>Year 0</i>	-0.018 (0.043)	0.007 (0.064)	-0.042 (0.048)	-0.118** (0.048)	0.073 (0.091)	0.025 (0.043)	-0.004 (0.065)	-0.021 (0.034)	0.003 (0.038)
<i>1 Year After</i>	-0.070 (0.054)	-0.002 (0.069)	-0.051 (0.056)	-0.111** (0.052)	0.102 (0.087)	0.055 (0.047)	0.034 (0.080)	-0.019 (0.036)	0.021 (0.040)
<i>2 Years After</i>	-0.079 (0.066)	-0.003 (0.072)	-0.069 (0.056)	-0.121** (0.054)	0.119 (0.100)	0.090 (0.060)	0.039 (0.082)	-0.013 (0.049)	0.067 (0.049)
<i>3 Years After</i>	-0.053 (0.059)	0.022 (0.077)	-0.080 (0.053)	-0.142** (0.062)	0.109 (0.112)	0.056 (0.058)	-0.002 (0.106)	-0.038 (0.044)	0.033 (0.050)
<i>4 Years After</i>	-0.077 (0.060)	0.019 (0.084)	-0.098 (0.063)	-0.157** (0.064)	0.133 (0.114)	0.061 (0.062)	-0.026 (0.119)	-0.031 (0.048)	0.033 (0.052)
<i>5+ Years After</i>	-0.071 (0.065)	0.011 (0.086)	-0.096 (0.078)	-0.181** (0.068)	0.138 (0.127)	0.060 (0.064)	-0.040 (0.119)	-0.022 (0.052)	0.027 (0.062)
Mean	141.5	141.5	141.5	141.5	141.5	141.5	141.5	141.5	141.5
No. of municipalities	548	548	548	548	548	548	548	548	548
N	7,439	7,439	7,439	7,439	7,439	7,439	7,439	7,439	7,439
R ²	0.883	0.883	0.883	0.883	0.883	0.883	0.883	0.883	0.883
Other anti-TB measures?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

*Statistically significant at 10% level; ** at 5% level; *** at 1% level.

Notes: Based on annual data from *Mortality Statistics* for the period 1900-1917, published by the U.S. Census Bureau. Each column represents the results from a separate OLS regression. The dependent variable is equal to the natural log of the pulmonary tuberculosis mortality rate per 100,000 population in municipality *m* and year *t*. Controls include the demographic characteristics listed in Table 1, the municipal and state anti-TB measures listed in Table 1, municipality fixed effects, year fixed effects, and municipality-specific linear trends. Regressions are weighted by municipality population. Standard errors, corrected for clustering at the state level, are in parentheses.

Table A8. Pulmonary TB Mortality and Lags of *Total Municipal Anti-TB Interventions*

	(1)	(2)	(3)	(4)	(5)
<i>Total Municipal Anti-TB Interventions</i>	-0.002 (0.006)	-0.002 (0.008)	-0.007 (0.011)	-0.001 (0.009)	-0.0004 (0.010)
<i>Total Municipal Anti-TB Interventions, 1 Year Lag</i>	0.009 (0.008)	0.007 (0.006)	0.006 (0.005)	-0.0002 (0.008)	0.004 (0.007)
<i>Total Municipal Anti-TB Interventions, 2 Year Lag</i>	...	0.001 (0.009)	0.010 (0.014)	0.013 (0.016)	0.009 (0.010)
<i>Total Municipal Anti-TB Interventions, 3 Year Lag</i>	...	...	-0.015 (0.012)	-0.017 (0.014)	-0.022 (0.017)
<i>Total Municipal Anti-TB Interventions, 4 Year Lag</i>	...	...	...	-0.001 (0.005)	-0.002 (0.005)
<i>Total Municipal Anti-TB Interventions, 5 Year Lag</i>	...	...	...	...	-0.003 (0.008)
Mean	139.5	137.5	135.9	134.7	132.5
No. of municipalities	534	526	515	504	498
N	6,899	6,370	5,849	5,334	4,830
R ²	0.885	0.888	0.892	0.895	0.897

*Statistically significant at 10% level; ** at 5% level; *** at 1% level.

Notes: Based on annual data from *Mortality Statistics* for the period 1900-1917, published by the U.S. Census Bureau. Each column represents the results from a separate OLS regression. The dependent variable is equal to the natural log of the pulmonary tuberculosis mortality rate per 100,000 population in municipality *m* and year *t*. The municipal anti-TB index is equal to the sum of the municipal anti-TB measures listed in Table 1. Controls include the demographic characteristics listed in Table 1, the state anti-TB measures listed in Table 1, municipality fixed effects, year fixed effects, and municipality-specific linear trends. Regressions are weighted by municipality population. Standard errors, corrected for clustering at the state level, are in parentheses.

Table A9. Descriptive Statistics for Sanatorium Variables in Table 7

	Mean (SD)
<i>Sanatorium</i>	0.078 (0.268)
<i>Number of Sanatoriums in Municipality</i>	0.110 (0.473)
<i>Number of Sanatorium Beds in Municipality (100s of beds)</i>	11.5 (72.1)
<i>Any Sanatorium in State</i>	0.703 (0.457)
<i>Number of Sanatoriums in State</i>	2.96 (3.64)
<i>State-Run Sanatorium</i>	0.554 (0.497)
N	7,439

Notes: Unweighted means with standard deviations in parentheses.

Table A10. Pulmonary TB Mortality and Leads and Lags of State-Run Sanatoriums

	(1)	(2)	(3)	(4)
<i>3 Years Prior to State-Run Sanatorium</i>	...	...	...	0.004 (0.017)
<i>2 Years Prior to State-Run Sanatorium</i>	...	...	0.020 (0.031)	0.022 (0.033)
<i>1 Year Prior to State-Run Sanatorium</i>	...	-0.015 (0.017)	-0.006 (0.025)	-0.003 (0.030)
<i>Year 0</i>	-0.038*** (0.013)	-0.045** (0.018)	-0.035 (0.022)	-0.032 (0.028)
<i>1 Year After State-Run Sanatorium</i>	-0.051** (0.019)	-0.059** (0.025)	-0.047* (0.027)	-0.044 (0.033)
<i>2 Years After State-Run Sanatorium</i>	-0.027 (0.022)	-0.036 (0.025)	-0.023 (0.026)	-0.020 (0.033)
<i>3+ Years After State-Run Sanatorium</i>	-0.045* (0.024)	-0.055* (0.028)	-0.041 (0.030)	-0.037 (0.035)
Mean	141.5	141.5	141.5	141.5
No. of municipalities	548	548	548	548
N	7,439	7,439	7,439	7,439
R ²	0.883	0.883	0.883	0.883

*Statistically significant at 10% level; ** at 5% level; *** at 1% level.

Notes: Based on annual data from *Mortality Statistics* for the period 1900-1917, published by the U.S. Census Bureau. Each column represents the results from a separate OLS regression. The dependent variable is equal to the natural log of the pulmonary tuberculosis mortality rate per 100,000 population in municipality m and year t . Controls include the demographic characteristics listed in Table 1, the municipal and state anti-TB measures listed in Table 1, municipality fixed effects, year fixed effects, and municipality-specific linear trends. Regressions are weighted by municipality population. Standard errors, corrected for clustering at the state level, are in parentheses.