

NET TUBERCULOSIS MORTALITY

46 LARGE AMERICAN CITIES

YEAR 1939

Tuberculosis Deaths Allocated to Residence

Proportion of Deaths Among White and Negro Residents

\*

NEW YORK TUBERCULOSIS  
AND HEALTH ASSOCIATION

1940

NET TUBERCULOSIS MORTALITY OF RESIDENTS OF 46 LARGE AMERICAN CITIES IN 1938 AND 1939

CITIES	POPULATION Federal Census Apr. 1, 1940†	DEATHS 1939		RESIDENT MORTALITY Only, Anywhere						
		Total Recorded in Town	Non- Resi- dents	Deaths in 1939		1938 Total† Deaths	DEATH RATE‡ per 100,000 1939	1938	CHANGE in 1939 Rate	
				In Town	Out of Town†					
New York City	7,380,259	3,814	( 80)	3,734	500	4,234	4,257	58	58	0%
Chicago	3,384,556	1,914	( 61)	1,853	250	2,103	2,106	62	62	0%
Philadelphia	1,935,086	1,190	(103)	1,087	111	1,198	1,295	62	67	- 7%
Detroit	1,618,549	828	( 80)	748	189	937	852	58	53	+ 9%
Los Angeles	1,496,792	886	(248)	638	165	803	805	54	55	- 2%
Cleveland	878,385	533	( 23)	510	37	547	554	62	63	- 2%
Baltimore	854,144	561	( 62)	499	174	673	711	79	84	- 6%
St. Louis	813,748	371	( 34)	337	104	441	582	54	71	-24%
Boston	769,520	397	( 38)	359	110	469	477	61	62	- 2%
Pittsburgh	665,384	376	( 52)	324	53	377	391	57	59	- 3%
Washington, D.C.	663,153	426	( 30)	396	155	551	579	85	92	- 8%
San Francisco	629,553	424	( 41)	383	25	408	399	65	63	+ 3%
Milwaukee	589,558	147	( 47)	100	137	237	256	40	44	- 9%
Buffalo	575,150	295	( 43)	252	58	310	340	54	59	- 8%
New Orleans	492,282	505	(133)	372	5	377	484	77	100	-23%
Minneapolis	489,971	60	( 16)	44	105	149	159	31	33	- 6%
Cincinnati	452,852	303	( 46)	257	0	257	334	57	74	-23%
Newark	428,236	158	( 4)	154	119	273	282	64	65	- 2%
Kansas City, Mo.	400,175	211	( 14)	197	9	206	230	51	57	-11%
Indianapolis	386,170	215	( 4)	211	33	244	260	63	68	- 7%
Houston	386,150	276	( 39)	237	14	251	284	66	77	-14%
Seattle	366,847	177	( 36)	141	27	168	199	46	54	-15%
Rochester, N.Y.	324,694	41	( 3)	38	70	108	135	33	42	-21%
Louisville	318,713	198	( 6)	192	91	283	228	89	72	+24%
Denver	318,415	193	( 15)	178	18	196	185	62	59	+ 5%
Portland, Ore.	307,572	81	( 19)	62	64	126	117	41	38	+ 8%
Columbus	304,936	136	( 22)	114	55	169	187	56	62	-10%
Oakland	304,909	82	( 24)	58	76	134	129	44	43	+ 2%
Atlanta	302,538	263	( 21)	242	50	292	377	97	127	-24%
Jersey City	301,012	228	( 73)	155	14	169	179	56	59	- 5%
Dallas	293,306	143	( 27)	116	62	178	183	61	64	- 5%
Memphis	291,312	244	( 45)	199	97	296	297	103	104	- 1%
St. Paul	288,023	80	( 6)	74	14	88	102	31	36	-14%
Toledo	281,096	184	( 20)	164	6	170	173	60	61	- 2%
Birmingham	264,151	188	( 10)	178	33	211	225	79	84	- 6%
Providence	253,214	72	( 7)	65	49	114	127	45	50	-10%
San Antonio	253,143	359	( 38)	321	64	385	369	153	148	+ 3%
Akron	243,130	54	( 6)	48	16	64	87	26	35	-26%
Omaha	223,185	63	( 5)	58	16	74	72	33	32	+ 3%
Dayton	211,456	130	( 31)	99	13	112	96	53	46	+15%
Syracuse	205,637	29	( 4)	25	59	84	72	41	35	+17%
Oklahoma City	204,517	89	( 2)	87	25	112	107	55	53	+ 4%
Worcester	193,402	68	( 6)	62	7	69	77	36	40	-10%
Paterson	139,651	38	( 11)	27	34	61	66	44	47	- 6%
Kansas City, Kan.	121,258	51	( 13)	38	9	47	40	39	33	+18%
Elizabeth	109,396	30	( 6)	24	20	44	43	40	39	+ 3%
Total	31,715,186	17,111	(1654)	15457	3342	18799	19509	59.4	62.0	- 4%

Note: Net mortality of 18,799 in 1939, for residents only of these 46 cities dying anywhere, excludes from the total of 17,111 deaths recorded in town the 1,654 non-residents and includes the 3,342 deaths out of town of city residents: residence being defined according to local practice. †Includes known deaths of city residents occurring in out-of-town institutions or health resorts. ‡Rates as of July first population based upon 1940 Federal Census preliminary reports by Bureau of the Census. Compiled by G.J. Drolet, New York Tuberculosis and Health Association, from preliminary reports by courtesy of Health Commissioners of each city and other Authorities.

NET TUBERCULOSIS DEATH RATE AMONG RESIDENTS, 46 LARGE AMERICAN CITIES, YEAR 1939

RANK	CITY	RATE* per 100,000 population
1.	AKRON, O. . . . .	26
2.	MINNEAPOLIS, MINN. . .	31
3.	ST. PAUL, MINN. . . .	31
4.	ROCHESTER, N.Y. . . .	33
5.	OMAHA, NEB. . . . .	33
6.	WORCESTER, MASS. . . .	36
7.	KANSAS CITY, KAN. . . .	39
8.	ELIZABETH, N.J. . . . .	40
9.	MILWAUKEE, WIS. . . . .	40
10.	PORTLAND, ORE. . . . .	41
11.	SYRACUSE, N.Y. . . . .	41
12.	PATERSON, N.J. . . . .	44
13.	OAKLAND, CAL. . . . .	44
14.	PROVIDENCE, R.I. . . . .	45
15.	SEATTLE, WASH. . . . .	46
16.	KANSAS CITY, MO. . . . .	51
17.	DAYTON, O. . . . .	53
18.	BUFFALO, N.Y. . . . .	54
19.	ST. LOUIS, MO. . . . .	54
20.	LOS ANGELES, CAL. . . .	54
21.	OKLAHOMA CITY, OKLA. . .	55
22.	COLUMBUS, O. . . . .	56
23.	JERSEY CITY, N.J. . . . .	56
24.	PITTSBURGH, PA. . . . .	57
25.	CINCINNATI, O. . . . .	57
26.	NEW YORK, N.Y. . . . .	58
27.	DETROIT, MICH. . . . .	58
28.	TOLEDO, O. . . . .	60
29.	BOSTON, MASS. . . . .	61
30.	DALLAS, TEX. . . . .	61
31.	PHILADELPHIA, PA. . . . .	62
32.	DENVER, COLO. . . . .	62
33.	CHICAGO, ILL. . . . .	62
34.	CLEVELAND, O. . . . .	62
35.	INDIANAPOLIS, IND. . . .	63
36.	NEWARK, N.J. . . . .	64
37.	SAN FRANCISCO, CAL.. . .	65
38.	HOUSTON, TEX. . . . .	66
39.	NEW ORLEANS, LA. . . . .	77
40.	BIRMINGHAM, ALA. . . . .	79
41.	BALTIMORE, MD. . . . .	79
42.	WASHINGTON, D.C. . . . .	85
43.	LOUISVILLE, KY. . . . .	89
44.	ATLANTA, GA. . . . .	97
45.	MEMPHIS, TENN. . . . .	103
46.	SAN ANTONIO, TEX. . . . .	153

\*Based on net mortality only, namely, excludes non-residents and includes known out-of-town deaths of city residents: residence being defined according to local practice.

Compiled from preliminary reports by courtesy of Health Commissioners of each city and other Authorities by G. J. Drolet, New York Tuberculosis and Health Association.

WHITE AND NEGRO TUBERCULOSIS MORTALITY IN 46 LARGE AMERICAN CITIES,  
DURING 1939 AND 1938, ACCORDING TO RESIDENCE\*

CITIES	DEATHS OF RESIDENTS Only, Anywhere						Proportion† of each Race in 1939	
	White†		Negro		Total		White	Negro
	1939	1938	1939	1938	1939	1938		
New York City . . . .	3,198	3,308	1,036	949	4,234	4,257	76%	24%
Chicago . . . . .	1,357	1,397	746	709	2,103	2,106	65%	35%
Philadelphia . . . . .	697	755	501	540	1,198	1,295	58%	42%
Detroit . . . . .	629	539	308	313	937	852	67%	33%
Los Angeles . . . . .	710	718	93	87	803	805	88%	12%
Cleveland . . . . .	343	339	204	215	547	554	63%	37%
Baltimore . . . . .	336	380	337	331	673	711	50%	50%
St. Louis . . . . .	250	340	191	242	441	582	57%	43%
Boston . . . . .	421	440	48	37	469	477	90%	10%
Pittsburgh . . . . .	241	248	136	143	377	391	64%	36%
Washington, D.C. . .	155	178	396	401	551	579	28%	72%
San Francisco . . . .	399	384	9	15	408	399	98%	2%
Milwaukee . . . . .	218	229	19	27	237	256	92%	8%
Buffalo . . . . .	266	274	44	66	310	340	86%	14%
New Orleans . . . . .	158	204	219	280	377	484	42%	58%
Minneapolis . . . . .	143	150	6	9	149	159	96%	4%
Cincinnati . . . . .	138	183	119	151	257	334	54%	46%
Newark . . . . .	156	151	117	131	273	282	57%	43%
Kansas City, Mo. . .	124	143	82	87	206	230	60%	40%
Indianapolis . . . . .	160	172	84	88	244	260	66%	34%
Houston . . . . .	145	164	106	120	251	284	58%	42%
Seattle . . . . .	159	194	9	5	168	199	95%	5%
Rochester, N.Y. . . .	104	129	4	6	108	135	96%	4%
Louisville . . . . .	198	124	85	104	283	228	70%	30%
Denver . . . . .	184	166	12	19	196	185	94%	6%
Portland, Ore. . . . .	120	115	6	2	126	117	95%	5%
Columbus . . . . .	108	128	61	59	169	187	64%	36%
Oakland . . . . .	116	117	18	12	134	129	87%	13%
Atlanta . . . . .	64	108	228	269	292	377	22%	78%
Jersey City . . . . .	143	158	26	21	169	179	85%	15%
Dallas . . . . .	122	112	56	71	178	183	69%	31%
Memphis . . . . .	62	76	234	221	296	297	21%	79%
St. Paul . . . . .	85	97	3	5	88	102	97%	3%
Toledo . . . . .	130	146	40	27	170	173	76%	24%
Birmingham . . . . .	47	39	164	186	211	225	22%	78%
Providence . . . . .	105	117	9	10	114	127	92%	8%
San Antonio . . . . .	359	341	26	28	385	369	93%	7%
Akron . . . . .	46	67	18	20	64	87	72%	28%
Omaha . . . . .	62	54	12	18	74	72	84%	16%
Dayton . . . . .	69	54	43	42	112	96	62%	38%
Syracuse . . . . .	79	70	5	2	84	72	94%	6%
Oklahoma City . . . .	89	73	23	34	112	107	79%	21%
Worcester . . . . .	66	75	3	2	69	77	96%	4%
Paterson . . . . .	52	58	9	8	61	66	85%	15%
Kansas City, Kan. . .	22	26	25	14	47	40	47%	53%
Elizabeth . . . . .	39	39	5	4	44	43	89%	11%
Total . . . . .	12,874	13,379	5,925	6,130	18,799	19,509	68%	32%

\*Net mortality for residents only excludes from the total deaths recorded in town those of non-residents and includes the out-of-town deaths of city residents: residence being defined according to local practice. †Includes small number of "other colored" than Negro. In 1939: 234 (Chin., Jap., Ind.)--New York, 58; San Francisco, 44; Los Angeles, 29; Seattle, 28; Chicago, 22; Boston, 11; Washington, 9; Oakland, 9; other places, 24. Also noted were 575 deaths of Mexicans: San Antonio, 296; Los Angeles, 161; Houston, 53; Dallas, 30; Chicago, 21; other places, 14. ‡Rates not computed due to lack, at present, of population figures by color. --Compiled from preliminary reports by courtesy of Health Commissioners of each city and other Authorities by G. J. Drolet, New York Tuberculosis and Health Association.

PROPORTION OF WHITE AND NEGRO TUBERCULOSIS DEATHS (NET MORTALITY)  
During Year 1959

CITY	PROPORTION		NEGRO	WHITE
	Negro	White		
MEMPHIS, TENN. . . . .	79%	21%		
ATLANTA, GA. . . . .	78%	22%		
BIRMINGHAM, ALA. . . . .	78%	22%		
WASHINGTON, D.C. . . . .	72%	28%		
NEW ORLEANS, LA. . . . .	58%	42%		
KANSAS CITY, KAN. . . . .	53%	47%		
BALTIMORE, MD. . . . .	50%	50%		
CINCINNATI, O. . . . .	46%	54%		
ST. LOUIS, MO. . . . .	43%	57%		
NEWARK, N.J. . . . .	43%	57%		
HOUSTON, TEX. . . . .	42%	58%		
PHILADELPHIA, PA. . . . .	42%	58%		
KANSAS CITY, MO. . . . .	40%	60%		
DAYTON, O. . . . .	38%	62%		
CLEVELAND, O. . . . .	37%	63%		
COLUMBUS, O. . . . .	36%	64%		
PITTSBURGH, PA. . . . .	36%	64%		
CHICAGO, ILL. . . . .	35%	65%		
INDIANAPOLIS, IND. . . . .	34%	66%		
DETROIT, MICH. . . . .	33%	67%		
DALLAS, TEX. . . . .	31%	69%		
LOUISVILLE, KY. . . . .	30%	70%		
AKRON, O. . . . .	28%	72%		
NEW YORK, N.Y. . . . .	24%	76%		
TOLEDO, O. . . . .	24%	76%		
OKLAHOMA CITY, OKLA. . . . .	21%	79%		
OMAHA, NEB. . . . .	16%	84%		
JERSEY CITY, N.J. . . . .	15%	85%		
PATERSON, N.J. . . . .	15%	85%		
BUFFALO, N.Y. . . . .	14%	86%		
OAKLAND, CAL. . . . .	13%	87%		
LOS ANGELES, CAL. . . . .	12%	88%		
ELIZABETH, N.J. . . . .	11%	89%		
BOSTON, MASS. . . . .	10%	90%		
MILWAUKEE, WIS. . . . .	8%	92%		
PROVIDENCE, R.I. . . . .	8%	92%		
SAN ANTONIO, TEX. . . . .	7%	93%		
DENVER, COLO. . . . .	6%	94%		
SYRACUSE, N.Y. . . . .	6%	94%		
SEATTLE, WASH. . . . .	5%	95%		
PORTLAND, ORE. . . . .	5%	95%		
WORCESTER, MASS. . . . .	4%	96%		
MINNEAPOLIS, MINN. . . . .	4%	96%		
ROCHESTER, N.Y. . . . .	4%	96%		
ST. PAUL, MINN. . . . .	3%	97%		
SAN FRANCISCO, CAL.. . . .	2%	98%		

Note: Based on net mortality only, namely, excludes non-residents and includes known out-of-town deaths of city residents: residence being defined according to local practice.

Compiled from preliminary reports by courtesy of Health Commissioners of each city and other Authorities by G. J. Drolet, New York Tuberculosis and Health Association.

TUBERCULOSIS MORTALITY AND MORBIDITY, CITY OF NEW YORK  
First Nine Months, 1940 and 1939

A-MORTALITY FROM ALL FORMS OF TUBERCULOSIS BY BOROUGHES  
January 1 - September 30

Boroughs	No. of Deaths		Change in		Death Rate*		Change in	
	1940	1939	1940	over 1939	1940	1939	1940	over 1939
Manhattan. . . . .	1,286	1,330	- 44	or 3 3/8%	91.6	94.8	- 3.2	or 3.4%
Bronx. . . . .	339	391	- 52	or 13 3/8%	32.5	37.9	- 5.4	or 14.2%
Brooklyn . . . . .	844	811	+ 33	or 4 1/8%	42.3	40.8	+ 1.5	or 3.7%
Queens . . . . .	314	326	- 12	or 3 7/8%	32.3	34.1	- 1.8	or 5.3%
Richmond . . . . .	49	56	- 7	or 12 5/8%	38.1	43.9	- 5.8	or 13.2%
New York City . . . . .	2,832	2,914	- 82	or 2.8%	51.1	52.9	- 1.8	or 3.4%

B-NEW CASES REGISTERED, TUBERCULOSIS ALL FORMS, BY BOROUGHES  
January 1 - September 30

Boroughs	New Cases		Change in		Case Rate*		Change in	
	1940	1939	1940	over 1939	1940	1939	1940	over 1939
Manhattan. . . . .	3,356	3,618	-222	or 6 1/8%	241.9	257.8	- 15.9	or 6.2%
Bronx. . . . .	802	913	-111	or 12 2/8%	77.0	88.4	- 11.4	or 12.9%
Brooklyn . . . . .	1,905	1,879	+ 26	or 1 4/8%	95.4	94.4	+ 1.0	or 1.1%
Queens . . . . .	832	811	+ 21	or 2 6/8%	85.6	84.8	+ 0.8	or 0.9%
Richmond . . . . .	118	106	+ 12	or 11 3/8%	91.7	83.0	+ 8.7	or 10 1/8%
New York City . . . . .	7,053	7,327	-274	or 3 7/8%	127.2	133.0	- 5.8	or 4.4%

C-REGISTER OF PULMONARY TUBERCULOSIS CASES ON SEPT. 30TH IN EACH BOROUGH

Boroughs	Federal Census April 1, 1940†	Register on last day of Sept		
		1940	1939	Change 1940/1939
Manhattan. . . . .	1,871,474	8,263	8,179	+ 84 or 1.0%
Bronx. . . . .	1,385,777	3,077	3,131	- 54 or 1.7%
Brooklyn . . . . .	2,660,479	5,590	5,585	+ 5 or 0.1%
Queens . . . . .	1,291,314	2,737	2,643	+ 94 or 3.6%
Richmond . . . . .	171,215	334	319	+ 15 or 4.7%
New York City . . . . .	7,380,259	20,001	19,857	+ 144 or 0.7%

D-CLASSIFICATION, PULMONARY TUBERCULOSIS CASES IN REGISTER (end of month)

Classification	On Sept. 30, 1940, by Boroughs and for entire City						
	Man.	Bronx	Bklyn	Queens	Rich.	Total	1940/1939
Out-of-town: In sanatoria. . . . .	654	411	542	284	23	1914	+ 71 or 4%
Not in sanatoria . . . . .	171	88	171	89	1	520	- 144 or 22%
Total out-of-town . . . . .	825	499	713	373	24	2434	- 73 or 3%
In institutions in city . . . . .	2724	611	1313	559	91	5298	+ 295 or 6%
Attending clinics . . . . .	3147	732	1456	626	77	6038	- 139 or 2%
Private physicians . . . . .	1101	1085	1745	1082	117	5130	+ 245 or 5%
At home . . . . .	466	150	363	97	25	1101	- 184 or 14%
Total in register . . . . .	8263	3077	5590	2737	334	20001	+ 144 or 0.7%

\*Rates per 100,000 population, as of July first. †According to preliminary returns announced by local census supervisors.

Compiled from reports, by courtesy of the Department of Health, City of New York, by G. J. Drolet, New York Tuberculosis and Health Association.

NEW YORK CITY  
TUBERCULOSIS MORTALITY, RECORDED AND RESIDENT, YEARS 1939 and 1938

YEAR 1939

Place of Death	White	Colored	Total All Races
In town: Residents .....	2,707	1,027	3,734
Non-residents of city .....	74	6	80
Total recorded in town ...	<u>2,781</u>	<u>1,033</u>	<u>3,814</u>
Rate per 100,000 .....	(*)	(*)	(52)
Out of town: "Up State" .....	392	63	455
Outside of State .....	41	4	45
Total out of town ...	<u>433</u>	<u>67</u>	<u>500</u>
Grand total mortality ....	<u>3,214</u>	<u>1,100</u>	<u>4,314</u>
Rate per 100,000 ....	(*)	(*)	(59)

YEAR 1938

Place of Death	White	Colored	Total All Races
In town: Residents .....	2,816	944	3,760
Non-residents of city .....	66	7	73
Total recorded in town ...	<u>2,882</u>	<u>951</u>	<u>3,833</u>
Rate per 100,000 .....	(*)	(*)	(52)
Out of town: "Up State" .....	399	50	449
Outside of State .....	44	4	48
Total out of town ...	<u>443</u>	<u>54</u>	<u>497</u>
Grand total mortality ....	<u>3,325</u>	<u>1,005</u>	<u>4,330</u>
Rate per 100,000 ....	(*)	(*)	(59)

NET TUBERCULOSIS MORTALITY OF RESIDENTS OF NEW YORK CITY  
During 1939 and 1938

Place of Death	1939			1938
	White	Colored	Total All Races	Total All Races
Total deaths recorded in New York City..	2,781	1,033	3,814	3,833
Less deaths of non-residents of city....	<u>-74</u>	<u>-6</u>	<u>-80</u>	<u>-73</u>
Deaths in town of residents .....	2,707	1,027	3,734	3,760
Deaths out of town†, of city residents..	<u>433</u>	<u>67</u>	<u>500</u>	<u>497</u>
Net Mortality, "New Yorkers", anywhere	<u>3,140</u>	<u>1,094</u>	<u>4,234</u>	<u>4,257</u>
Corrected death rate per 100,000, New York City residents.....	(*)	(*)	(58)	(58)

Notes: Rates for city as of July first population based upon 1940 Federal Census preliminary reports by local authorities (New York City population, April 1, 1940: 7,380,259). \*Population by color not yet available. † "Up State" and outside of state.

Compiled by G.J. Drolet, New York Tuberculosis and Health Association, from reports by courtesy of Department of Health, City of New York, and of the State Department of Health.

MORBIDITY AND MORTALITY FROM ALL FORMS OF TUBERCULOSIS  
 NASSAU, ROCKLAND, SUFFOLK, WESTCHESTER COUNTIES AND "UPSTATE"\* NEW YORK  
 during 1939 and 1938

A - NEW CASES REGISTERED AND COMPARATIVE RATES

Counties	New Cases		Change 1939/1938	Case Rate†		Change 1939/1938
	1939	1938		1939	1938	
Nassau . . . . .	433	362	+ 71 or 19.6%	109.0	93.5	+15.5 or 16.6%
Rockland . . . . .	95	85	+ 10 or 11.8%	149.3	135.1	+14.2 or 10.5%
Suffolk . . . . .	254	326	- 72 or 22.1%	149.6	194.7	-45.1 or 23.2%
Westchester . . . . .	447	511	- 64 or 12.5%	79.2	91.4	-12.2 or 13.3%
Total, 4 counties	1,229	1,284	- 55 or 4.3%	102.8	109.1	- 6.3 or 5.8%
"Upstate" New York	5,225	5,938	-713 or 12.0%	87.6	100.1	-12.5 or 12.4%

B - MORTALITY RECORDED IN EACH LOCALITY

Counties	No. of Deaths		Change 1939/1938	Death Rate†		Change 1939/1938
	1939	1938		1939	1938	
Nassau . . . . .	119	104	+ 15 or 14.4%	30.0	26.9	+ 3.1 or 11.5%
Rockland . . . . .	63	43	+ 20 or 46.5%	99.0	68.4	+30.6 or 44.7%
Suffolk . . . . .	222	232	- 10 or 4.3%	130.8	138.6	- 7.8 or 5.6%
Westchester . . . . .	181	180	+ 1 or 0.6%	32.1	32.2	- 0.1 or 0.3%
Total, 4 counties	585	559	+ 26 or 4.7%	49.0	47.5	+ 1.5 or 3.2%
"Upstate" New York	2,650	2,719	- 69 or 2.5%	44.4	45.8	- 1.4 or 3.1%

C - NET MORTALITY‡ CORRECTED FOR RESIDENCE

Counties	No. of Deaths		Change 1939/1938	Death Rate†		Change 1939/1938
	1939	1938		1939	1938	
Nassau . . . . .	138	115	+ 23 or 20.0%	34.7	29.7	+ 5.0 or 16.8%
Rockland . . . . .	17	17	0 or 0.0	26.7	27.0	- 0.3 or 1.1%
Suffolk . . . . .	64	48	+ 16 or 33.3%	37.7	28.7	+ 9.0 or 31.4%
Westchester . . . . .	194	188	+ 6 or 3.2%	34.4	33.6	+ 0.8 or 2.4%
Total, 4 counties	413	368	+ 45 or 12.2%	34.6	31.3	+ 3.3 or 10.5%
"Upstate" New York	2,117	2,148	- 31 or 1.4%	35.4	36.2	- 0.8 or 2.2%

\*New York State, exclusive of New York City. †Per 100,000 population, numbering on July 1, 1939, according to Division of Vital Statistics, New York State Department of Health, in Nassau County, 397,250; Rockland, 63,621; Suffolk, 169,752; Westchester, 564,323; total four counties, 1,194,946; "Upstate" N.Y., 5,964,902. The figures for counties exclude the population within state hospitals and custodial institutions.

‡County data include deaths of residents only occurring anywhere within the state, deaths of non-residents being removed; "Upstate" reports include in addition residents dying out of state, 22 deaths in 1938 and 30 in 1939; they also exclude non-residents of other states dying within state, 171 in 1938 and 141 in 1939.

Note: Since 1936 cases occurring in institutions among patients residing there five years or more are retained against the local county.

Compiled by G. J. Drolet, New York Tuberculosis and Health Association, from reports by courtesy of New York State Department of Health.

TUBERCULOSIS INSTITUTIONS, NEW YORK CITY

Census, Bed Complement and Occupancy  
September 30, 1940

INSTITUTION	PATIENT CENSUS	BED CAPACITY	Bed Occupancy Ratio*
<b>DEPARTMENT OF HOSPITALS:</b>			
Bellevue Hosp. Tbc. Ward Service .....	305	317	96.2%
City Hospital Tbc. Service .....	27	52	51.9%
Harlem Hospital Tbc. Service .....	52	61	85.2%
Kings County Hosp. Tbc. Service .....	204	200	102.0%
Kingston Avenue Hosp. Tbc. Service ...	69	72	95.8%
Metropolitan Hosp. Tbc. Service .....	400	270	148.1%
Municipal San., Otisville .....	386	400	96.5%
Neponsit Beach Hospital .....	109	120	90.8%
Riverside Hospital Tbc. Service .....	344	284	121.1%
Queens General Hosp. Tbc. Service ....	28	32	87.5%
Sea View Hospital .....	1973	1677	117.7%
Willard Parker Hosp. Tbc. Service ....	167	172	97.1%
<b>Total Tbc. Services, Dept. of Hospitals.</b>	<b>4064</b>	<b>3657</b>	<b>111.1%</b>
<b>N. Y. STATE Hosp. for Incipient Tbc. ...</b>	<b>168</b>	<b>168</b>	<b>100.0%</b>
<b>VOLUNTARY INSTITUTIONS:</b>			
Brooklyn Thoracic Hospital .....	124	125	99.2%
Hosp. Joint Diseases (Tbc. Cases) ....	6	6	100.0%
Hosp. Joint Diseases, Country Home ...	65	60	108.3%
House of Rest .....	86	100	86.0%
Lenox Hill Hospital Tbc. Service .....	35	39	89.7%
Montefiore Hosp. Country San. ....	230	230	100.0%
Montefiore Hosp. Tbc. Service .....	156	164	95.1%
New York Hospital Tbc. Service .....	18	19	94.7%
St. Anthony's Hospital .....	369	400	92.3%
St. Joseph's Hospital .....	286	280	102.1%
Seton Hospital .....	268	265	101.1%
Seton Hospital, Nazareth Branch .....	304	310	98.1%
<b>Total Tbc. Services, Voluntary .....</b>	<b>1947</b>	<b>1998</b>	<b>97.4%</b>
<b>Total for New York City Patients .....</b>	<b>6179</b>	<b>5823</b>	<b>106.1%</b>

\*Proportion of number of patients to normal bed capacity of institution.  
Compiled by G. J. Drolet from reports to Sanatorium Conference of Metro-  
politan New York.

STATE OF NEW JERSEY: MORTALITY AND MORBIDITY, ALL FORMS OF TUBERCULOSIS  
A-DEATHS AND RATES BY COUNTIES, 1939 AND 1938

Counties	No. of Deaths		Change in		Death Rate*		Change in	
	1939	1938	1939	over 1938	1939	1938	1939	over 1938
Atlantic . . . . .	67	78	- 11	or 14.1%	54.0	62.8	- 8.8	or 14.1%
Bergen . . . . .	113	145	- 32	or 22.1%	27.9	36.2	- 8.3	or 22.1%
Burlington . . . . .	52	39	+ 13	or 33.3%	53.8	40.5	+13.3	or 32.8%
Camden . . . . .	109	115	- 6	or 5.2%	42.6	45.1	- 2.5	or 5.5%
Cape May . . . . .	13	10	+ 3	or 30.0%	45.4	34.8	+10.6	or 30.4%
Cumberland . . . . .	32	37	- 5	or 13.5%	44.1	51.1	- 7.0	or 13.7%
Essex . . . . .	434	488	- 54	or 11.1%	52.0	58.4	- 6.4	or 11.0%
Gloucester . . . . .	30	32	- 2	or 6.3%	41.8	44.6	- 2.8	or 6.3%
Hudson . . . . .	321	368	- 47	or 12.8%	49.2	56.0	- 6.8	or 12.1%
Hunterdon . . . . .	5	16	- 11	or 68.8%	13.7	44.0	-30.3	or 68.9%
Mercer . . . . .	118	83	+ 35	or 42.3%	60.1	42.4	+17.7	or 41.7%
Middlesex . . . . .	78	81	- 3	or 3.7%	36.0	37.4	- 1.4	or 3.7%
Monmouth . . . . .	80	78	+ 2	or 2.6%	50.2	49.4	+ 0.8	or 1.6%
Morris . . . . .	48	34	+ 14	or 41.2%	38.7	27.7	+11.0	or 39.7%
Ocean . . . . .	16	19	- 3	or 15.8%	43.2	51.9	- 8.7	or 16.8%
Passaic . . . . .	113	133	- 20	or 15.0%	36.6	43.2	- 6.6	or 15.3%
Salem . . . . .	15	17	- 2	or 11.8%	36.3	41.6	- 5.3	or 12.7%
Somerset . . . . .	23	25	- 2	or 8.0%	31.4	34.5	- 3.1	or 9.0%
Sussex . . . . .	8	11	- 3	or 27.3%	27.2	37.7	-10.5	or 27.9%
Union . . . . .	126	139	- 13	or 9.4%	38.8	43.0	- 4.2	or 9.2%
Warren . . . . .	20	14	+ 6	or 42.9%	40.0	28.0	+12.0	or 42.9%
State, New Jersey	1,821	1,962	-141	or 7.2%	44.0	47.5	- 3.5	or 7.4%

B-NEW CASES REGISTERED AND RATES BY COUNTIES, 1939 AND 1938

Counties	New Cases		Change in		Case Rate*		Change in	
	1939	1938	1939	over 1938	1939	1938	1939	over 1938
Atlantic . . . . .	105	108	- 3	or 2.2%	84.6	86.9	- 2.3	or 2.6%
Bergen . . . . .	228	267	- 39	or 14.6%	56.3	66.6	-10.3	or 15.4%
Burlington . . . . .	83	70	+ 13	or 18.6%	85.9	72.7	+13.2	or 18.2%
Camden . . . . .	197	218	- 21	or 9.6%	77.1	85.4	- 8.3	or 9.7%
Cape May . . . . .	26	18	+ 8	or 44.4%	90.8	62.7	+28.1	or 44.8%
Cumberland . . . . .	45	52	- 7	or 13.4%	62.0	71.9	- 9.9	or 13.8%
Essex . . . . .	815	986	-171	or 17.3%	97.6	118.1	-20.5	or 17.4%
Gloucester . . . . .	34	38	- 4	or 10.5%	47.3	53.0	- 5.7	or 10.8%
Hudson . . . . .	717	675	+ 42	or 6.2%	109.8	102.7	+ 7.1	or 6.9%
Hunterdon . . . . .	21	30	- 9	or 30.0%	57.4	82.5	-25.1	or 30.4%
Mercer . . . . .	223	216	+ 7	or 3.2%	113.6	110.6	+ 3.0	or 2.7%
Middlesex . . . . .	195	223	- 28	or 12.6%	90.0	103.2	-13.2	or 12.8%
Monmouth . . . . .	136	240	-104	or 43.3%	85.4	152.0	-66.6	or 43.8%
Morris . . . . .	180	190	- 10	or 5.3%	145.0	154.9	- 9.9	or 6.4%
Ocean . . . . .	25	25	0	or 0.0%	67.4	68.2	- 0.8	or 1.2%
Passaic . . . . .	254	377	-123	or 32.6%	82.3	122.4	-40.1	or 32.8%
Salem . . . . .	16	30	- 14	or 46.7%	38.7	73.4	-34.7	or 47.3%
Somerset . . . . .	74	65	+ 9	or 13.8%	101.0	89.8	+11.2	or 12.4%
Sussex . . . . .	12	16	- 4	or 25.0%	40.8	54.8	-14.0	or 25.5%
Union . . . . .	250	275	- 25	or 9.1%	76.9	85.2	- 8.3	or 9.7%
Warren . . . . .	29	29	0	or 0.0%	58.0	53.0	0.0	or 0.0%
State, New Jersey	3,665	4,148	-483	or 11.6%	88.5	100.4	-11.9	or 11.9%

\*Per 100,000 population, as of July first, based upon April 1, 1940 Federal Census preliminary reports: Atlantic County, 124,079; Bergen, 403,507; Burlington, 96,836; Camden, 255,867; Cape May, 28,566; Cumberland, 72,850; Essex, 835,272; Gloucester, 71,928; Hudson, 649,793; Hunterdon, 36,706; Mercer, 197,124; Middlesex, 216,909; Monmouth, 160,212; Morris, 125,268; Ocean, 37,401; Passaic, 309,270; Salem, 41,704; Somerset, 73,941; Sussex, 29,506; Union, 326,720; Warren, 50,098; entire state, 4,148,562.

Figures of cases and deaths by courtesy of New Jersey State Department of Health.

Compiled by G. J. Drolet, Consulting Statistician, TUBERCULOSIS SANATORIUM CONFERENCE OF METROPOLITAN NEW YORK.