

PREVALENCE

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KNOWN PREVALENCE OF TUBERCULOSIS BY HEALTH CENTER DISTRICTS
AND HEALTH AREAS

On December 31, 1960, there were 8,689 known active cases on the Department of Health tuberculosis register, or an average of 1.12 cases per 1,000 population. The prevalence rates by boroughs were: Manhattan 2.52, Bronx 0.87, Brooklyn 0.79, Queens 0.57, and Richmond 0.37. The intensity with which tuberculosis strikes varies in different parts of town. High rates prevailed especially in Central Harlem (5.16), Lower East Side (4.34), Lower West Side (2.59), Riverside (1.82), Mott Haven (1.81), Red Hook-Gowanus (1.54), Bedford (1.35), Fort Greene (1.34). It may be noted that Central Harlem (5.16) had a known prevalence rate almost five times that prevailing for the city (1.12) as a whole. If the city rate of 1.12 per 1,000 is used as a base line, there are ten health center districts in which rates exceeded the average city rate.

The City of New York is divided into 347 health areas (†) for which units selected vital statistics are tabulated annually by the Department of Health. According to the records of the Bureau of Tuberculosis, on the last day of 1960 practically all of these neighborhoods had at least one person with active tuberculosis among their residents. Tuberculosis, therefore, is a disease that is found throughout all segments of New York and appears to be at least a potential threat to every resident of the city. Due to differences in concentration of the disease the risk of exposure to tuberculosis is greater in one part of town than it is in another. Because of daily internal movement of the population ambulatory patients may also carry tuberculosis to other areas of the city. In 111 health areas the prevalence rate was higher than the city average.

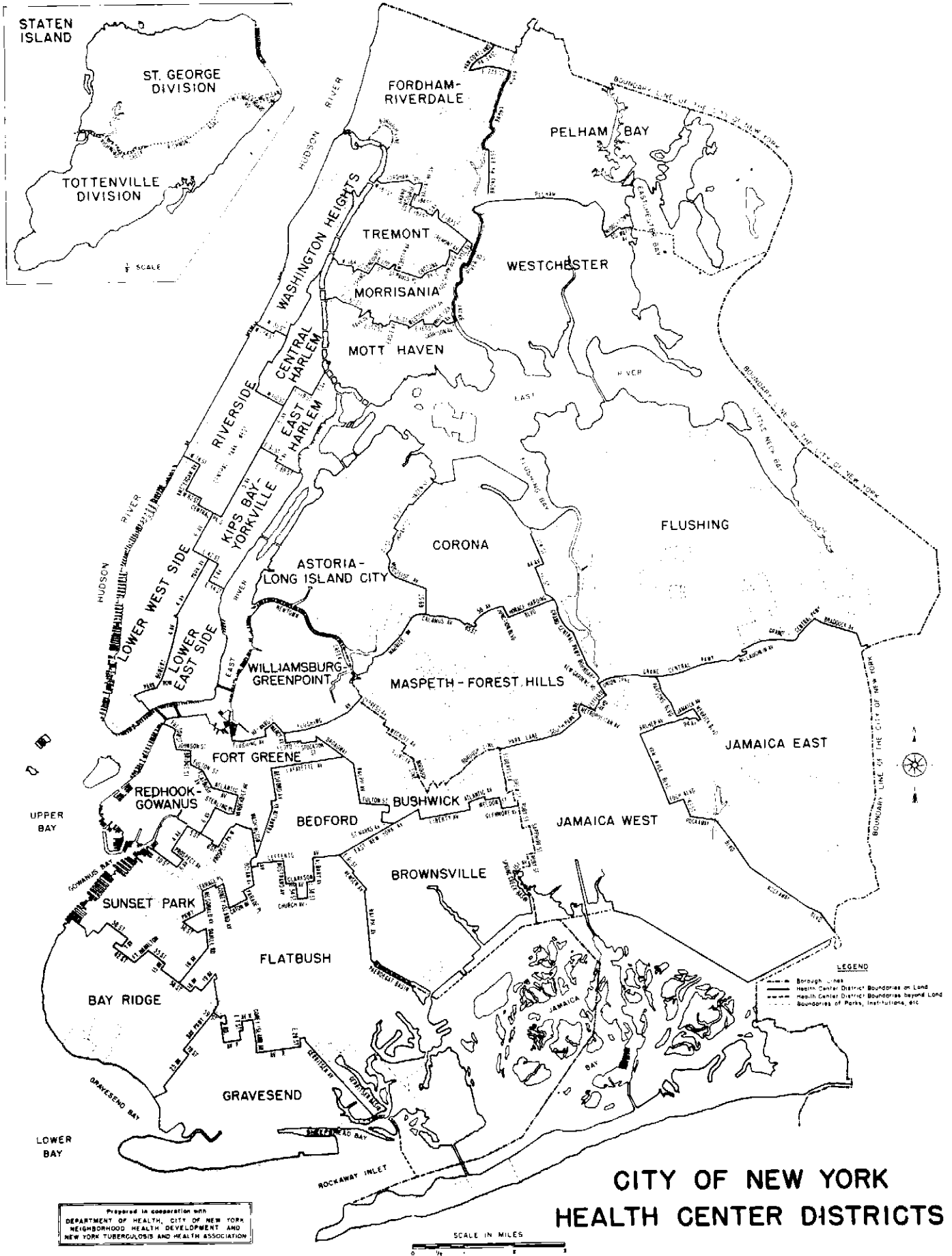
(†)Health Areas are units created prior to the 1930 Census which were to form population units of about 25,000 persons. At present there are 347 health areas with defined boundaries but with wide range in the population included. There are 30 health center districts which are administrative units made up of health areas.

KNOWN PREVALENCE OF TUBERCULOSIS IN NEW YORK CITY
(Total known active cases in register as of December 31, 1960)

Health Center DISTRICT	Population* April 1, 1960	In Hospitals or Sanatoria*	Ambulant Cases	Total in Register	Prevalence per 1,000†
Central Harlem	232,792	556	646	1,202	5.16
East Harlem	177,765	157	145	302	1.70
Kips Bay-Yorkville.	215,192	74	91	165	0.77
Lower East Side ...	271,896	642	539	1,181	4.34
Lower West Side ...	262,751	478	202	680	2.59
Riverside	268,608	229	259	488	1.82
Washington Heights.	269,277	106	138	244	0.91
MANHATTAN:	1,698,281	2,242	2,020	4,262	2.51
Ford'm-Riverdale ..	231,931	39	37	76	0.33
Morrisania	262,436	190	221	411	1.57
Mott Haven	223,703	201	205	406	1.81
Pelham Bay	184,451	28	44	72	0.39
Tremont	263,295	85	92	177	0.67
Westchester	258,999	39	60	99	0.38
BRONX:	1,424,815	582	659	1,241	0.87
Bay Ridge	290,395	52	64	116	0.40
Bedford	286,764	209	178	387	1.35
Brownsville	298,473	126	134	260	0.87
Bushwick	216,744	101	89	190	0.88
Flatbush	475,715	51	64	115	0.24
Fort Greene	215,314	171	117	288	1.34
Gravesend	296,430	40	64	104	0.35
Red Hook-Gowanus ..	162,125	105	146	251	1.54
Sunset Park	192,702	57	91	148	0.77
Wmsbrg-Greenpoint..	192,657	119	96	215	1.12
BROOKLYN:	2,627,319	1,031	1,043	2,074	0.79
Astoria-L.I.City ..	255,464	87	96	183	0.72
Corona	217,984	98	92	190	0.87
Flushing	452,204	113	83	196	0.43
Jamaica East	293,342	99	122	221	0.75
Jamaica West	309,061	59	87	146	0.47
Maspeth-For. Hills.	281,523	37	57	94	0.33
QUEENS:	1,809,578	493	537	1,030	0.57
RICHMOND:	221,991	45	37	82	0.37
NEW YORK CITY:	7,781,984	4,393	4,296	8,689	1.12

*Includes 22 persons out of town, not in sanatoria. †On December 31, 1960.

*Federal Census, U.S. Bureau of the Census.



POPULATION AND TUBERCULOSIS
By Health Center Districts and Health Areas
New York City, 1960

MANHATTAN - Part A

Health Center District — Health Area	Population April 1, 1960				Resident Deaths All Forms	New Cases Reported	Active Cases in Register Dec. 31, 1960	
	Total All Races	White	Negro	Other			No.	Rate†
CENTRAL HARLEM								
8.00	31,871	302	31,469	100	9	58	136	4.3
10.00	22,141	85	21,953	103	9	75	151	6.8
12.00	22,346	709	21,599	38	11	64	129	5.8
13.00	17,089	105	16,941	43	10	47	139	8.1
15.00	23,654	260	23,289	105	11	71	116	4.9
16.00	33,155	7,207	25,678	270	8	77	157	4.7
19.00	20,177	521	19,581	75	10	48	103	5.1
24.00	23,798	2,773	20,930	95	15	60	100	4.2
85.10	14,468	66	14,337	65	3	29	71	4.9
85.20	24,093	325	23,701	67	11	52	100	4.2
	232,792	12,353	219,478	961	97	581	1202	5.2
EAST HARLEM								
17.00	19,764	14,588	5,037	139	4	14	30	1.5
20.00	22,014	8,705	13,259	50	6	36	50	2.3
21.00	29,470	25,775	3,599	96	3	27	51	1.7
25.00	19,160	15,465	3,639	56	3	23	46	2.4
26.00	25,491	18,149	7,251	91	4	28	42	1.6
28.00	40,509	33,835	6,338	336	4	10	58	1.4
33.00	17,812	16,723	949	140	6	15	25	1.4
84.00	3,545	2,888	647	10	0	0	0	..
	177,765	136,128	40,719	918	30	168	302	1.7
KIPS BAY-YORKVILLE								
36.00	32,217	31,640	422	155	0	5	14	0.4
37.00	19,526	19,278	137	111	5	7	23	1.2
38.00	22,575	22,371	89	115	2	14	21	0.9
41.00	22,683	22,347	242	94	0	2	5	0.2
42.00	18,918	18,754	49	115	2	5	25	1.3
43.00	15,882	15,733	53	96	2	15	20	1.3
44.00	13,314	12,883	268	163	0	4	8	0.6
48.00	18,677	18,395	171	111	3	5	13	0.7
49.00	21,831	21,520	97	214	1	3	12	0.5
50.00	25,943	25,644	91	208	4	14	22	0.8
83.00	3,626	2,807	756	63	0	0	2	0.6
	215,192	211,372	2,375	1,445	19	74	165	0.8

†Active cases in register per 1,000 population.
See map for health area boundaries.

POPULATION AND TUBERCULOSIS
By Health Center Districts and Health Areas
New York City, 1960

MANHATTAN - Part B

Health Center District Health Area	Population April 1, 1960				Resident Deaths All Forms	New Cases Reported	Active Cases in Register Dec. 31, 1960	
	Total All Races	White	Negro	Other			No.	Rate†
LOWER EAST SIDE								
53.00	19,370	18,938	236	196	7	25	43	2.2
58.00	16,075	15,429	256	390	8	28	52	3.2
59.00	12,549	12,035	243	271	5	12	40	3.2
60.00	30,142	29,770	279	93	2	23	43	1.4
62.00	22,299	20,994	694	611	5	28	63	2.8
63.00	15,922	13,480	2,210	232	0	26	40	2.5
65.00	21,564	19,806	1,179	579	33	269	550	25.5
66.00	20,518	19,141	736	641	4	30	50	2.4
67.00	17,496	16,389	911	196	2	23	46	2.6
74.00	39,284	33,186	1,773	4,325	10	34	96	2.4
76.00	34,192	28,724	5,034	434	2	27	62	1.8
78.00	26,452	21,066	2,969	2,417	3	24	65	2.4
80.00	13,529	11,560	1,815	154	4	13	31	2.3
	271,896	244,129	17,424	10,343	85	562	1181	4.3
LOWER WEST SIDE								
39.00	17,493	14,445	2,875	173	3	6	12	0.7
40.00	26,815	25,285	1,160	370	7	22	29	1.1
45.00	15,893	15,588	192	113	3	15	34	2.1
46.00	11,583	11,244	193	146	7	4	11	0.9
47.00	30,118	28,285	1,327	506	10	29	31	1.0
52.00	26,299	24,841	1,204	254	11	51	94	3.6
55.00	10,533	9,304	1,125	104	4	16	33	3.1
56.00	27,906	26,972	655	279	2	48	78	2.8
57.00	29,013	28,172	662	179	9	34	91	3.1
61.00	15,433	14,728	605	100	4	10	24	1.6
64.00	18,227	17,710	386	131	0	1	7	0.4
68.00	22,880	20,890	244	1,746	17	46	117	5.1
77.00	9,338	4,526	777	4,035	18	43	119	12.7
81.00	1,207	1,127	57	23	0	0	0	..
82.00	13	13	0	0	0	0	0	..
	262,751	243,130	11,462	8,159	95	325	680	2.6

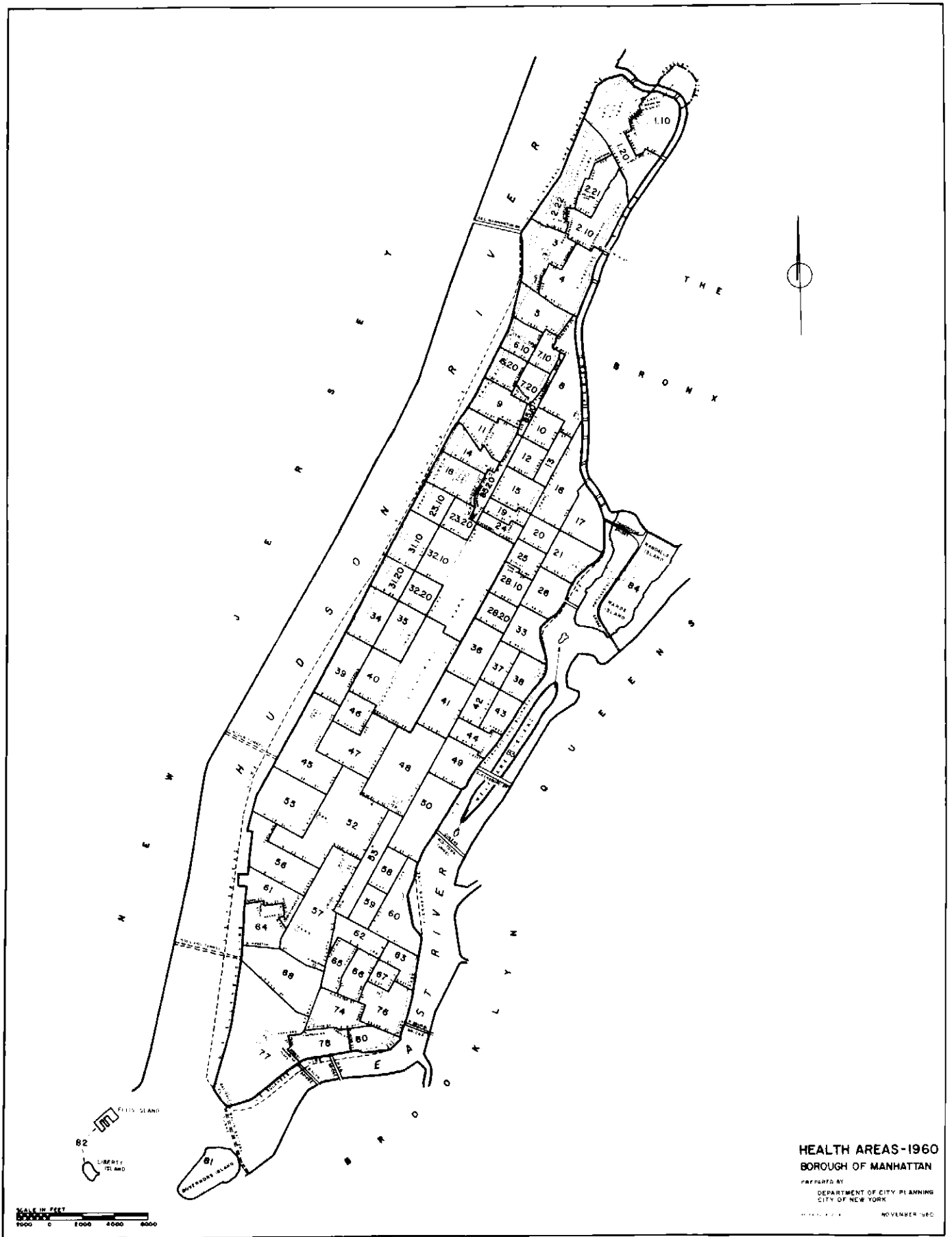
†Active cases in register per 1,000 population.
See map for health area boundaries.

POPULATION AND TUBERCULOSIS
By Health Center Districts and Health Areas
New York City, 1960

MANHATTAN - Part C

Health Center District	Population April 1, 1960				Resident Deaths All Forms	New Cases Reported	Active Cases in Register Dec. 31, 1960	
	Total All Races	White	Negro	Other			No.	Rate†
RIVERSIDE								
11.00	12,053	4,212	7,739	102	7	23	35	2.9
14.00	18,699	10,602	7,342	755	1	16	25	1.3
18.00	16,909	14,694	1,499	716	0	11	20	1.2
23.10	23,156	20,505	1,654	997	3	8	22	1.0
23.20	12,244	9,548	2,461	235	0	21	27	2.2
31.10	35,970	30,215	4,789	966	7	37	73	2.0
31.20	23,562	22,136	1,114	312	2	11	19	0.8
32.10	31,756	24,440	6,832	484	10	41	68	2.1
32.20	27,775	24,595	2,889	291	3	35	78	2.8
34.00	31,892	29,576	1,870	446	2	26	52	1.6
35.00	34,592	29,905	4,214	473	4	46	69	2.0
	268,608	220,428	42,403	5,777	39	275	488	1.8
WASHINGTON HEIGHTS								
1.10	25,313	24,129	1,135	49	3	9	11	0.4
1.20	23,731	22,115	1,475	141	0	11	12	0.5
2.10	25,246	24,436	732	78	5	16	19	0.8
2.21	22,607	22,311	116	180	1	8	9	0.4
2.22	18,000	17,923	47	30	1	1	1	0.1
3.00	21,490	21,130	257	103	0	4	5	0.2
4.00	26,366	24,349	1,909	108	2	15	22	0.8
5.00	26,061	16,807	9,109	145	2	15	32	1.2
6.10	15,780	7,489	8,163	128	2	12	18	1.1
6.20	18,299	5,221	12,893	185	3	13	32	1.7
7.10	9,382	69	9,258	55	0	13	22	2.3
7.20	14,617	323	14,244	50	1	24	33	2.3
9.00	22,385	17,980	3,902	503	3	15	28	1.3
	269,277	204,282	63,240	1,755	23	156	244	0.9
MANHATTAN								
Total	1,698,281	1,271,822	397,101	29,358	388	2,141	4262	2.5

†Active cases in register per 1,000 population.
See map for health area boundaries.



SCALE IN FEET
0 2000 4000 6000

HEALTH AREAS-1960
BOROUGH OF MANHATTAN
PREPARED BY
DEPARTMENT OF CITY PLANNING
CITY OF NEW YORK
NOVEMBER 1960

POPULATION AND TUBERCULOSIS
By Health Center Districts and Health Areas
New York City, 1960

BRONX - Part A

Health Center District Health Area	Population April 1, 1960				Resident Deaths All Forms	New Cases Reported	Active Cases in Register Dec. 31, 1960	
	Total All Races	White	Negro	Other			No.	Rate†
FORDHAM-RIVERDALE								
1.00	20,255	19,781	128	346	3	4	5	0.2
2.00	24,479	23,952	283	244	0	5	8	0.3
3.10	21,425	21,230	118	77	2	1	7	0.3
3.20	28,001	27,177	648	176	0	9	11	0.4
4.10	31,242	30,930	239	73	1	3	5	0.2
4.20	29,301	29,138	96	67	1	5	12	0.4
9.00	33,948	33,588	240	120	3	7	12	0.4
10.00	23,345	22,379	903	63	1	9	10	0.4
11.00	19,935	19,707	202	26	0	5	6	0.3
	231,931	227,882	2,857	1,192	11	48	76	0.3
MORRISANIA								
21.10	17,967	17,192	706	69	0	5	11	0.6
21.20	15,825	13,099	2,648	78	2	14	25	1.6
25.00	27,808	24,204	3,522	82	2	15	24	0.9
26.00	18,705	6,103	12,569	33	0	11	33	1.8
27.00	24,412	12,341	12,010	61	9	34	56	2.3
28.00	18,093	9,594	8,426	73	2	16	26	1.4
29.00	27,092	22,968	4,025	99	0	18	58	2.1
33.10	24,139	22,779	1,311	49	1	12	26	1.1
33.20	32,450	30,556	1,819	75	0	13	20	0.6
34.00	12,081	8,092	3,908	81	4	16	28	2.3
35.00	22,606	3,903	18,649	54	4	14	50	2.2
36.00	21,258	16,687	4,501	70	2	30	54	2.5
	262,436	187,518	74,094	824	26	198	411	1.6
MOTT HAVEN								
37.00	22,154	15,761	6,305	88	4	37	56	2.5
38.00	23,808	17,721	6,023	64	1	10	23	1.0
39.00	18,084	14,965	3,042	77	1	14	25	1.4
40.00	25,941	18,769	7,104	68	6	26	62	2.4
41.00	21,435	18,564	2,797	74	4	27	39	1.8
42.00	21,612	18,534	2,986	92	1	23	40	1.9
43.00	14,173	12,287	1,845	41	0	10	13	0.9
44.00	22,431	20,030	2,298	103	3	22	27	1.2
45.00	31,352	26,841	4,376	135	7	40	75	2.4
47.00	19,516	16,913	2,529	74	2	24	38	1.9
48.00	3,197	1,406	1,771	20	0	1	8	2.5
	223,703	181,791	41,076	836	29	234	406	1.8

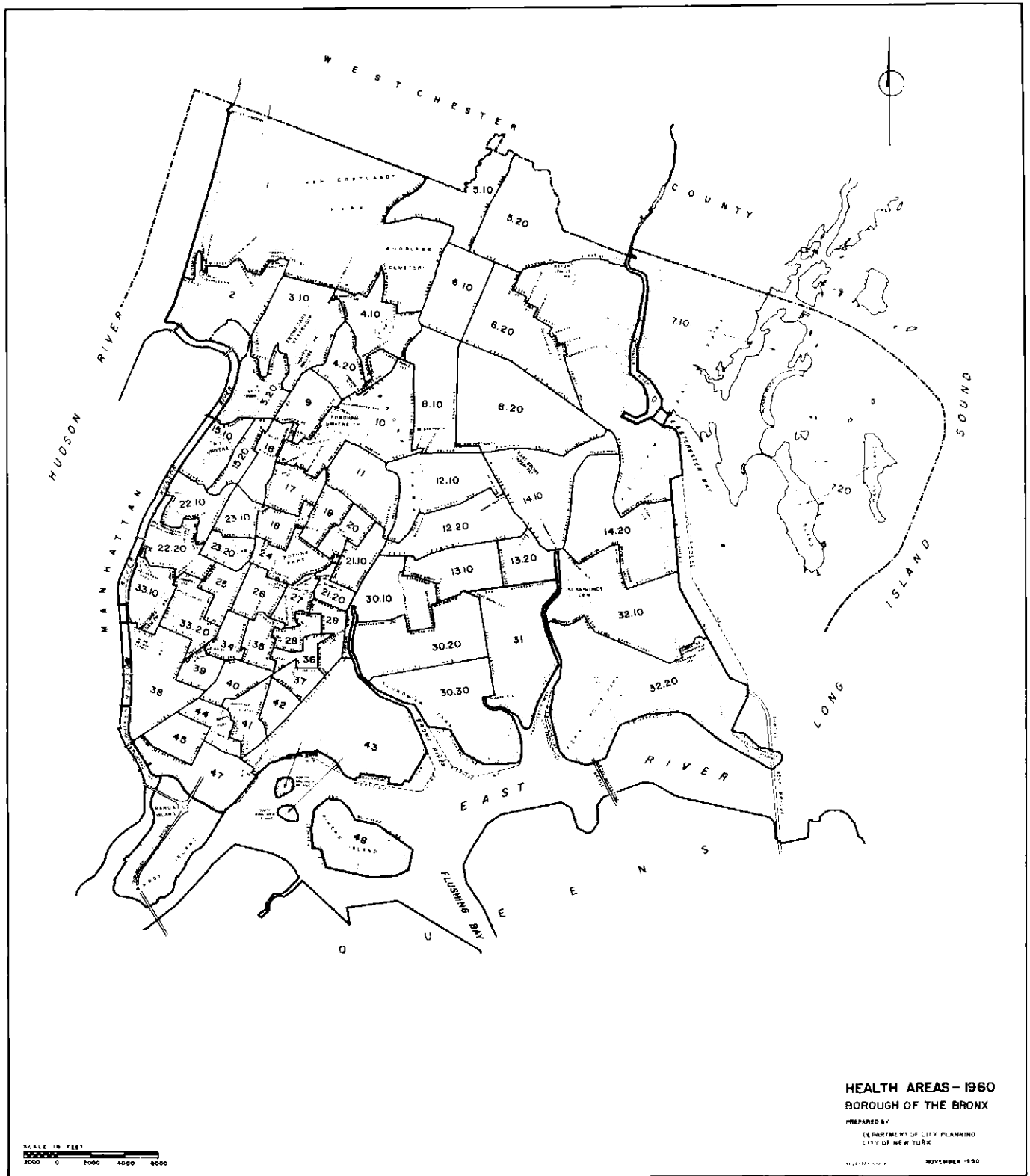
†Active cases in register per 1,000 population.
See map for health area boundaries.

POPULATION AND TUBERCULOSIS
By Health Center Districts and Health Areas
New York City, 1960

BRONX - Part B

Health Center District Health Area	Population April 1, 1960				Resident Deaths All Forms	New Cases Reported	Active Cases in Register Dec. 31, 1960	
	Total All Races	White	Negro	Other			No.	Rate†
PELHAM BAY								
5.10	19,881	19,730	127	24	1	3	6	0.3
5.20	27,841	27,191	620	30	1	8	16	0.6
6.10	22,009	19,432	2,532	45	1	5	11	0.5
6.20	26,051	18,739	7,202	110	0	7	7	0.3
7.10	13,940	9,460	4,448	32	0	1	5	0.4
7.20	5,645	4,887	749	9	0	3	4	0.7
8.10	35,614	34,313	1,233	68	2	10	12	0.3
8.20	33,470	31,818	1,569	83	2	6	11	0.3
	184,451	165,570	18,480	401	7	43	72	0.4
TREMONT								
15.10	17,563	17,055	447	61	1	4	11	0.6
15.20	20,619	20,229	291	99	0	4	10	0.5
16.00	29,093	28,299	698	96	2	9	8	0.3
17.00	21,457	19,799	1,568	90	2	10	15	0.7
18.00	16,192	14,520	1,642	30	4	17	24	1.4
19.00	22,733	20,602	2,094	37	0	9	19	0.8
20.00	23,928	22,092	1,737	99	3	12	21	0.9
22.10	28,603	27,245	1,257	101	1	7	13	0.4
22.20	28,331	27,848	442	41	1	4	12	0.4
23.10	23,118	22,248	771	99	2	11	10	0.4
23.20	16,198	15,906	266	26	0	0	3	0.2
24.00	15,460	11,704	3,727	29	3	27	31	2.0
	263,295	247,547	14,940	808	19	114	177	0.7
WESTCHESTER								
12.10	26,482	26,387	58	37	0	5	11	0.4
12.20	20,346	19,901	426	19	1	2	8	0.4
13.10	45,729	45,591	61	77	1	4	11	0.2
13.20	10,595	10,550	41	4	1	1	2	0.2
14.10	7,434	7,209	191	34	0	1	3	0.4
14.20	26,135	26,076	28	31	1	5	13	0.5
30.10	23,959	20,094	3,791	74	0	12	15	0.6
30.20	30,985	27,825	3,050	110	0	10	12	0.4
30.30	14,785	11,814	2,896	75	2	5	5	0.3
31.00	17,600	17,211	345	44	0	0	10	0.6
32.10	16,923	16,902	2	19	0	3	2	0.1
32.20	18,026	16,416	1,560	50	0	5	7	0.4
	258,999	245,976	12,449	544	6	53	99	0.4
BRONX								
Total	1,424,815	1,256,284	163,896	4,635	98	690	1,241	0.9

†Active cases in register per 1,000 population.
See map for health area boundaries.



POPULATION AND TUBERCULOSIS
By Health Center Districts and Health Areas
New York City, 1960

BROOKLYN - Part A

Health Center District Health Area	Population April 1, 1960				Resident Deaths All Forms	New Cases Reported	Active Cases in Register Dec. 31, 1960	
	Total All Races	White	Negro	Other			No.	Rate†
BAY RIDGE								
76.00	31,169	31,074	23	72	1	8	18	0.6
77.00	19,756	19,685	1	70	3	8	17	0.9
78.10	29,216	29,067	68	81	1	7	20	0.7
78.20	14,074	13,815	192	67	0	4	4	0.3
79.10	16,219	16,182	22	15	0	2	5	0.3
79.20	17,030	17,002	9	19	0	2	6	0.4
80.10	17,504	17,411	66	27	0	5	6	0.3
80.20	13,371	13,351	4	16	1	2	6	0.4
81.10	17,061	17,038	8	15	1	4	3	0.2
81.20	19,758	19,708	9	41	0	3	9	0.5
82.00	33,858	33,616	226	16	0	10	11	0.3
83.00	28,140	28,010	56	74	1	2	5	0.2
84.00	31,971	31,703	218	50	0	1	6	0.2
92.00	1,268	1,132	127	9	0	0	0	..
	290,395	288,794	1,029	572	8	58	116	0.4
BEDFORD								
20.00	23,181	1,497	21,592	92	8	40	56	2.4
21.00	21,278	2,298	18,897	83	7	40	54	2.5
28.00	28,895	1,684	27,114	97	13	42	55	1.9
29.00	34,924	15,971	18,749	204	3	38	49	1.4
30.00	30,753	2,192	28,366	195	4	29	39	1.3
36.00	15,403	2,911	12,403	89	2	23	26	1.7
48.00	30,356	27,929	2,316	111	1	10	13	0.4
49.00	32,223	18,466	13,609	148	2	18	26	0.8
50.10	18,739	15,222	3,478	39	3	9	8	0.4
50.20	33,746	24,999	8,488	259	2	27	28	0.8
52.00	17,266	5,066	12,117	83	3	15	33	1.9
	286,764	118,235	167,129	1,400	48	291	387	1.3
BROWNSVILLE								
56.00	18,891	16,438	2,217	236	1	12	14	0.7
57.00	20,288	13,042	7,110	136	2	31	54	2.7
58.10	24,229	24,097	100	32	0	2	4	0.2
58.20	16,624	15,942	593	89	0	2	7	0.4
59.00	24,493	11,100	13,317	76	1	30	45	1.8
60.00	18,548	13,604	4,843	101	4	30	40	2.2
61.00	19,263	16,998	2,237	28	0	7	14	0.7
62.00	23,323	20,725	2,542	56	0	11	18	0.8
63.00	19,964	19,333	588	43	0	4	10	0.5
64.10	24,222	21,236	2,951	35	2	12	16	0.7
64.20	27,447	25,476	1,898	73	0	6	11	0.4
75.10	17,901	17,870	14	17	0	4	6	0.3
75.20	43,280	39,590	3,610	80	1	12	21	0.5
	298,473	255,451	42,020	1,002	11	163	260	0.9

†Active cases in register per 1,000 population.
See map for health area boundaries.

POPULATION AND TUBERCULOSIS
By Health Center Districts and Health Areas
New York City, 1960

BROOKLYN - Part B

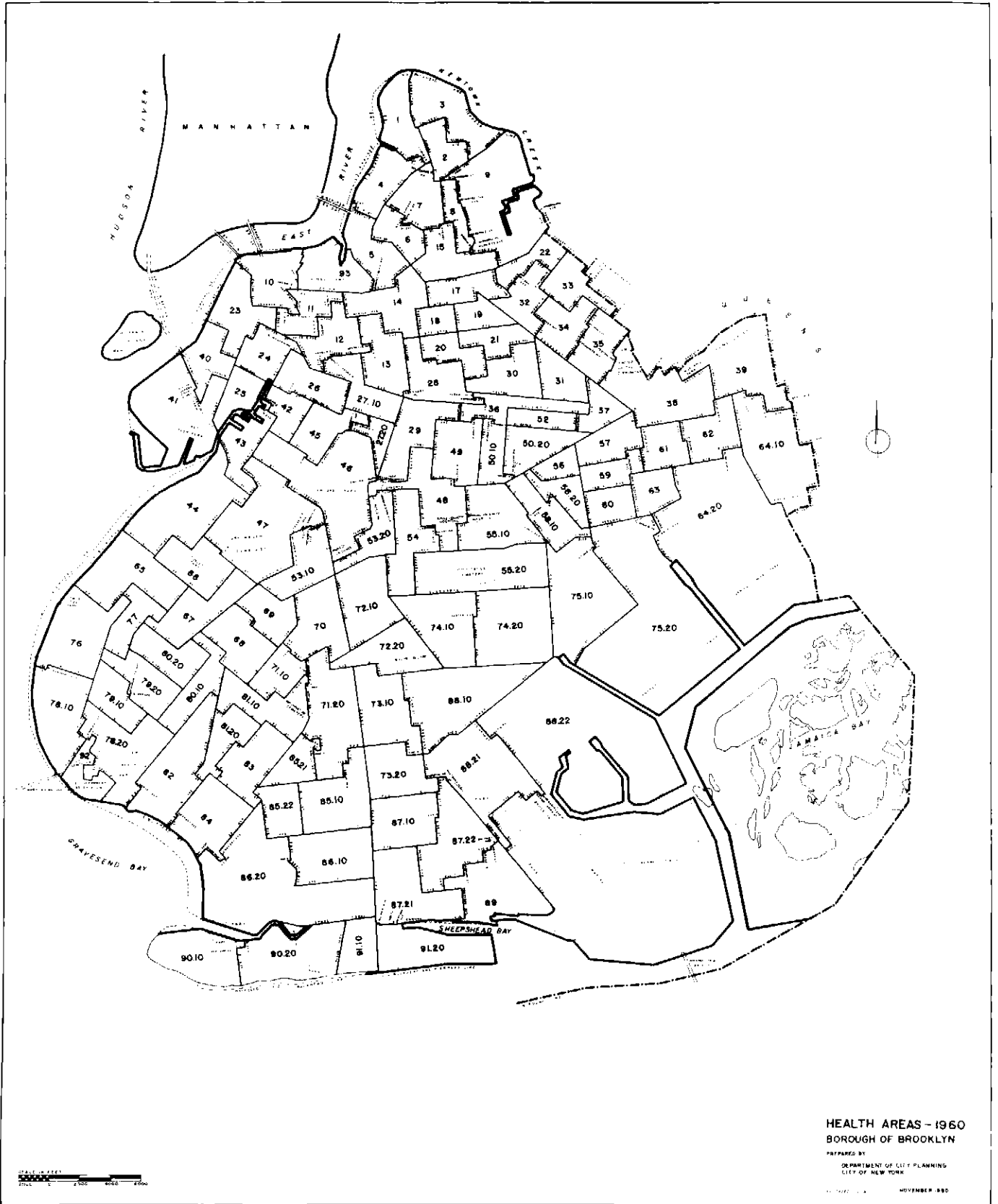
Health Center District	Population April 1, 1960				Resident Deaths All Forms	New Cases Reported	Active Cases in Register Dec. 31, 1960	
	Total All Races	White	Negro	Other			No.	Rate†
BUSHWICK								
17.00	20,394	15,781	4,489	124	0	21	34	1.7
22.00	15,128	15,059	50	19	1	9	13	0.9
31.00	26,950	8,896	17,881	173	2	32	39	1.4
32.00	22,104	20,994	1,074	36	1	3	10	0.5
33.00	24,755	24,638	69	48	4	13	13	0.5
34.00	27,100	24,361	2,680	59	3	18	24	0.9
35.00	25,765	20,301	5,407	57	3	11	25	1.0
37.00	11,909	9,128	2,751	30	1	8	11	0.9
38.00	20,678	20,104	556	18	3	8	13	0.6
39.00	21,961	21,915	17	29	2	7	8	0.4
	216,744	181,177	34,974	593	20	130	190	0.9
FLATBUSH								
53.10	20,721	20,640	43	38	2	5	8	0.4
53.20	31,799	30,783	906	110	1	5	10	0.3
54.00	28,530	25,777	2,590	163	2	8	13	0.5
55.10	31,366	30,892	415	59	2	3	7	0.2
55.20	31,688	31,354	211	123	1	6	8	0.3
70.00	30,364	30,135	169	60	3	9	7	0.2
71.10	12,681	12,657	10	14	0	1	1	0.1
71.20	27,804	27,596	141	67	1	4	2	0.1
72.10	37,829	37,388	304	137	1	8	11	0.3
72.20	18,798	18,635	133	30	0	0	3	0.2
73.10	26,951	26,666	194	91	0	6	9	0.3
73.20	25,923	25,786	103	34	0	1	2	0.1
74.10	35,001	34,853	49	99	4	13	12	0.3
74.20	23,221	22,784	406	31	1	3	4	0.2
88.10	34,024	33,861	88	75	1	5	6	0.2
88.21	28,346	28,257	32	57	0	5	7	0.2
88.22	30,669	30,500	97	72	0	3	5	0.2
	475,715	468,564	5,891	1,260	19	85	115	0.2
FORT GREENE								
10.00	13,581	7,273	6,183	125	0	9	16	1.2
11.00	17,294	9,203	7,810	281	2	9	19	1.1
12.00	25,561	19,255	6,125	181	3	33	43	1.7
13.00	25,776	4,166	21,321	289	7	45	54	2.1
14.00	26,208	16,521	9,543	144	4	15	20	0.8
18.00	17,164	8,281	8,792	91	4	29	44	2.6
19.00	21,248	11,593	9,585	70	2	29	38	1.8
27.10	20,502	11,383	8,961	158	5	23	29	1.4
27.20	14,196	13,260	882	54	0	5	5	0.4
45.00	29,224	26,499	2,565	160	6	16	20	0.7
93.00	4,560	4,044	383	133	0	0	0	..
	215,314	131,478	82,150	1,686	33	213	288	1.3

†Active cases in register per 1,000 population.
See map for health area boundaries.

POPULATION AND TUBERCULOSIS
By Health Center Districts and Health Areas
New York City, 1960
BROOKLYN - Part C

Health Center District Health Area	Population April 1, 1960				Resident Deaths All Forms	New Cases Reported	Active Cases in Register Dec. 31, 1960	
	Total All Races	White	Negro	Other			No.	Rate†
85.10 ...	26,373	26,231	98	44	0	3	4	0.2
85.21 ...	16,449	16,363	53	33	0	2	1	0.1
85.22 ...	17,118	17,073	14	31	0	4	4	0.2
86.10 ...	24,547	24,468	39	40	1	9	8	0.3
86.20 ...	42,339	41,840	410	89	0	5	10	0.2
87.10 ...	22,766	22,609	64	93	0	5	9	0.4
87.21 ...	22,844	22,261	525	58	0	2	6	0.3
87.22 ...	36,194	35,631	469	94	2	2	4	0.1
89.00 ...	15,008	14,990	8	10	0	0	5	0.3
90.10 ...	23,204	21,766	1,390	48	2	10	12	0.5
90.20 ...	16,562	15,000	1,474	88	4	14	25	1.5
91.10 ...	16,486	16,336	126	24	1	6	10	0.6
91.20 ...	16,540	16,360	160	20	0	4	6	0.4
	296,430	290,928	4,830	672	10	66	104	0.4
RED HOOK-GOWANUS								
23.00 ...	28,212	27,064	615	533	4	21	40	1.4
24.00 ...	23,958	18,268	5,242	448	0	28	47	2.0
25.00 ...	11,780	11,634	110	36	1	6	9	0.8
26.00 ...	22,805	17,089	5,443	273	8	35	65	2.9
40.00 ...	17,528	16,898	460	170	0	14	30	1.7
41.00 ...	27,582	21,215	6,254	113	3	18	34	1.2
42.00 ...	18,784	17,598	1,121	65	0	8	20	1.1
43.00 ...	11,476	11,318	109	49	1	6	6	0.5
	162,125	141,084	19,354	1,687	17	136	251	1.5
SUNSET PARK								
44.00 ...	15,196	15,068	100	28	2	7	18	1.2
46.00 ...	23,555	23,357	101	97	2	11	26	1.1
47.00 ...	23,403	23,295	64	44	3	7	16	0.7
65.00 ...	26,626	26,443	67	116	3	38	39	1.4
66.00 ...	25,711	25,608	49	54	1	10	18	0.7
67.00 ...	28,763	28,609	85	69	1	9	13	0.4
68.00 ...	29,480	29,330	99	51	2	7	9	0.3
69.00 ...	19,968	19,868	68	32	1	2	9	0.4
	192,702	191,578	633	491	15	81	148	0.8
WILLIAMSBURG-GREENPOINT								
1.00 ...	15,483	15,360	93	30	6	18	31	2.0
2.00 ...	16,098	16,054	9	35	1	4	11	0.7
3.00 ...	11,977	11,953	16	8	1	6	11	0.9
4.00 ...	13,814	13,531	273	10	2	9	16	1.2
5.00 ...	26,601	24,908	1,616	77	2	17	28	1.1
6.00 ...	25,908	24,726	1,039	143	7	26	36	1.4
7.00 ...	18,419	18,284	125	10	1	7	7	0.4
8.00 ...	15,499	14,136	1,326	37	2	6	7	0.4
9.00 ...	17,054	14,610	2,350	94	1	9	15	0.9
15-16.00.	31,804	25,008	6,548	248	5	34	53	1.7
	192,657	178,570	13,395	692	28	136	215	1.1
BROOKLYN								
Total ...	2,627,319	2,445,859	371,405	10,055	209	1,359	2,074	0.8

†Active cases in register per 1,000 population. See map for health area boundaries.



HEALTH AREAS - 1960
BOROUGH OF BROOKLYN

PREPARED BY
DEPARTMENT OF CITY PLANNING
CITY OF NEW YORK

NOVEMBER 1960

POPULATION AND TUBERCULOSIS
By Health Center Districts and Health Areas
New York City, 1960

QUEENS - Part A

Health Center District Health Area	Population April 1, 1960				Resident Deaths All Forms	New Cases Reported	Active Cases in Register Dec. 31, 1960	
	Total All Races	White	Negro	Other			No.	Rate†
ASTORIA-LONG ISLAND CITY								
1.10	18,408	18,352	4	52	0	4	8	0.4
1.20	29,081	28,752	2	327	2	4	15	0.5
3.00	30,128	27,900	2,142	86	3	12	20	0.7
4.00	32,398	32,242	41	115	2	11	26	0.8
5.10	17,938	17,862	6	70	1	3	9	0.5
5.20	19,667	18,310	1,251	106	1	6	14	0.7
7.10	26,912	25,165	1,609	138	0	7	15	0.6
7.20	17,653	12,198	5,389	66	2	6	32	1.8
8.00	24,450	24,305	52	93	1	6	16	0.7
9.10	20,940	20,804	34	102	1	6	14	0.7
9.20	17,889	17,809	27	53	1	5	14	0.8
	255,464	243,699	10,557	1,208	14	70	183	0.7
CORONA								
6.10	22,058	10,672	11,252	134	2	16	34	1.5
6.20	31,018	30,861	38	119	0	4	18	0.6
10.11	22,897	22,768	64	65	1	7	21	0.9
10.12	19,030	18,774	99	157	0	1	13	0.7
10.21	16,644	16,508	26	110	0	7	19	1.1
10.22	20,411	20,170	94	147	0	6	12	0.6
11.00	26,964	17,214	9,503	247	3	15	36	1.3
14.10	14,464	14,393	22	49	2	6	8	0.6
14.20	29,643	29,434	48	161	0	6	14	0.5
15.00	14,855	14,508	312	35	0	2	15	1.0
	217,984	195,302	21,458	1,224	8	70	190	0.9
FLUSHING								
2.10	15,096	15,067	8	21	1	2	11	0.7
2.21	15,101	14,911	58	132	1	8	13	0.9
2.22	37,622	37,467	49	106	0	0	5	0.1
12.00	34,336	31,944	2,057	335	5	12	28	0.8
13.10	33,889	33,609	66	214	0	5	15	0.4
13.20	25,168	24,608	370	190	1	6	13	0.5
20.11	28,835	28,117	180	538	1	2	8	0.3
20.12	22,067	21,944	19	104	1	7	9	0.4
20.21	24,986	24,128	807	51	0	1	8	0.3
20.22	20,082	18,984	1,025	73	1	15	18	0.9
21.10	14,743	12,967	1,663	113	0	4	8	0.5
21.21	19,970	19,443	457	70	1	5	12	0.6
21.22	22,049	21,679	290	80	2	3	7	0.3
21.30	24,278	24,050	93	135	0	1	8	0.3
21.40	31,031	30,802	64	165	1	5	6	0.2
21.50	23,912	23,743	104	65	0	0	2	0.1
21.60	32,486	31,663	765	58	0	5	17	0.5
21.70	25,802	25,663	35	104	0	3	8	0.3
39.00	751	673	67	11	0	0	0	..
	452,204	441,462	8,177	2,565	16	84	196	0.4

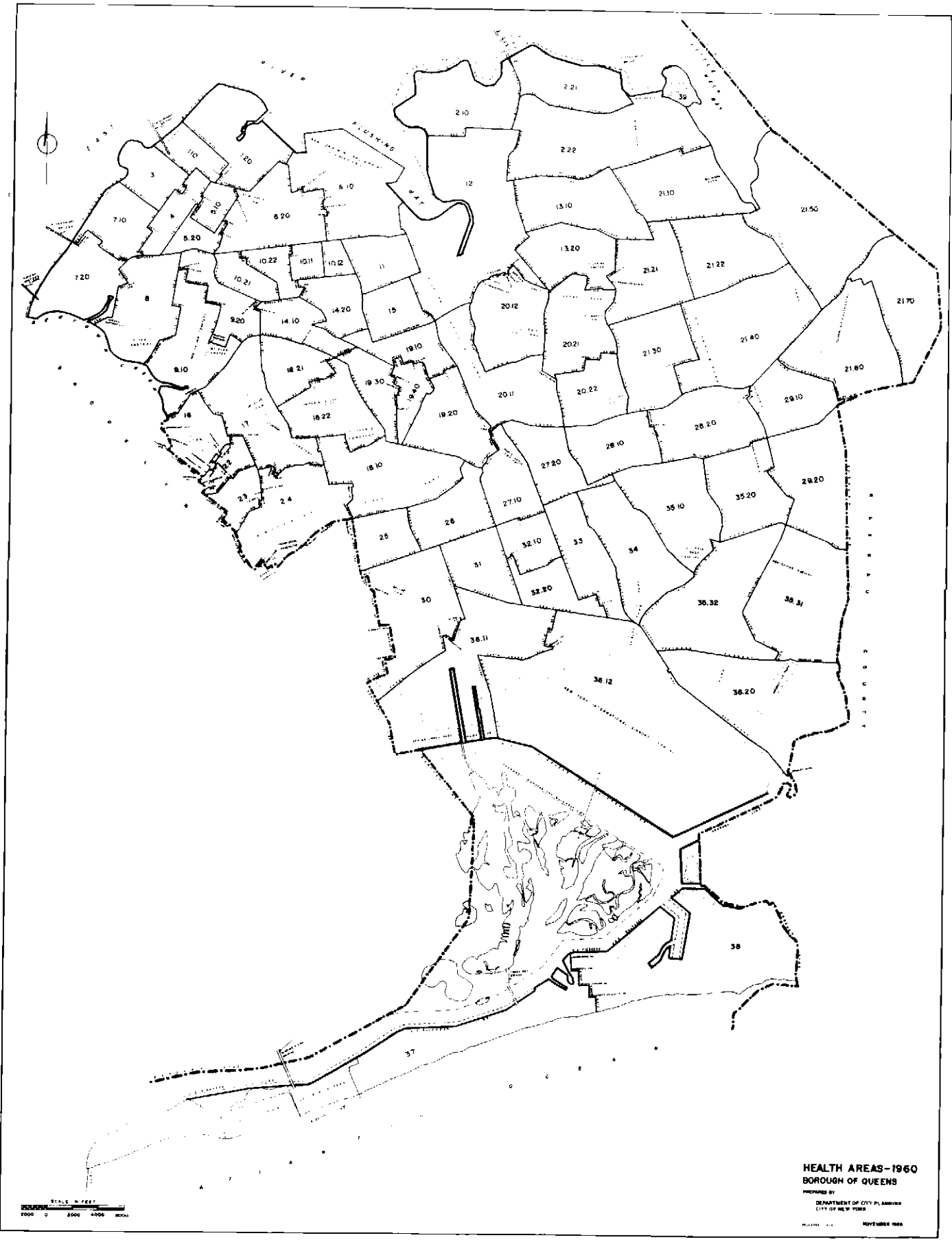
†Active cases in register per 1,000 population.
See map for health area boundaries.

POPULATION AND TUBERCULOSIS
By Health Center Districts and Health Areas
New York City, 1960

QUEENS - Part B

Health Center District	Population April 1, 1960				Resident Deaths All Forms	New Cases Reported	Active Cases in Register Dec. 31, 1960	
	Health Area	Total All Races	White	Negro			Other	No.
JAMAICA EAST								
28.10	22,178	21,952	46	180	2	8	11	0.5
28.20	29,298	29,075	81	142	1	4	9	0.3
29.10	20,603	20,556	9	38	0	6	10	0.5
29.20	26,843	26,750	23	70	1	3	9	0.3
33.00	24,415	8,771	15,541	103	5	25	37	1.5
34.00	30,951	4,767	26,004	180	2	33	65	2.1
35.10	23,010	5,408	17,408	194	3	11	23	1.0
35.20	29,731	20,214	9,316	201	3	8	13	0.4
35.31	33,680	33,507	77	96	2	5	6	0.2
35.32	30,166	10,180	19,732	254	5	17	32	1.1
36.20	22,467	22,190	259	18	0	1	6	0.3
	293,342	203,370	88,496	1,476	24	121	221	0.8
JAMAICA WEST								
25.00	24,914	24,874	4	36	2	6	9	0.4
26.00	28,765	28,493	162	110	0	11	15	0.5
27.10	16,599	16,437	30	92	1	3	3	0.2
27.20	31,229	30,800	109	320	3	7	11	0.4
30.00	34,322	34,238	37	47	1	3	11	0.3
31.00	29,524	29,402	101	21	3	6	17	0.6
32.10	17,419	17,064	321	34	1	4	10	0.6
32.20	17,156	12,276	4,799	81	1	3	5	0.3
36.11	25,297	25,221	37	39	1	3	7	0.3
36.12	15,863	12,704	3,113	46	0	6	10	0.6
37.00	28,863	23,678	5,146	39	0	11	31	1.1
38.00	39,150	36,252	2,830	68	2	12	17	0.4
	309,061	291,439	16,689	933	15	75	146	0.5
MASPETH-FOREST HILLS								
16.00	17,573	17,566	3	4	2	3	3	0.2
17.00	29,499	29,472	14	13	1	9	14	0.5
18.10	22,226	22,219	2	5	4	3	4	0.2
18.21	17,815	17,776	9	30	3	2	13	0.7
18.22	21,644	21,542	9	93	0	5	8	0.4
19.10	29,993	29,339	104	550	0	3	5	0.2
19.20	33,833	33,451	179	203	0	4	9	0.3
19.30	19,694	19,510	58	126	1	3	3	0.2
19.40	27,417	27,061	81	275	1	1	3	0.1
22.00	18,554	18,518	5	31	2	5	11	0.6
23.00	19,668	19,649	2	17	1	2	6	0.3
24.00	23,607	23,584	12	11	0	6	15	0.6
	281,523	279,687	478	1,358	15	46	94	0.3
QUEENS								
Total	1,809,578	1,654,959	145,855	8,764	92	466	1,030	0.6

†Active cases in register per 1,000 population.
See map for health area boundaries.



HEALTH AREAS-1960
BOROUGH OF QUEENS
PREPARED BY
DEPARTMENT OF CITY PLANNING
CITY OF NEW YORK
NOVEMBER 1960

POPULATION AND TUBERCULOSIS
By Health Center Districts and Health Areas
New York City, 1960

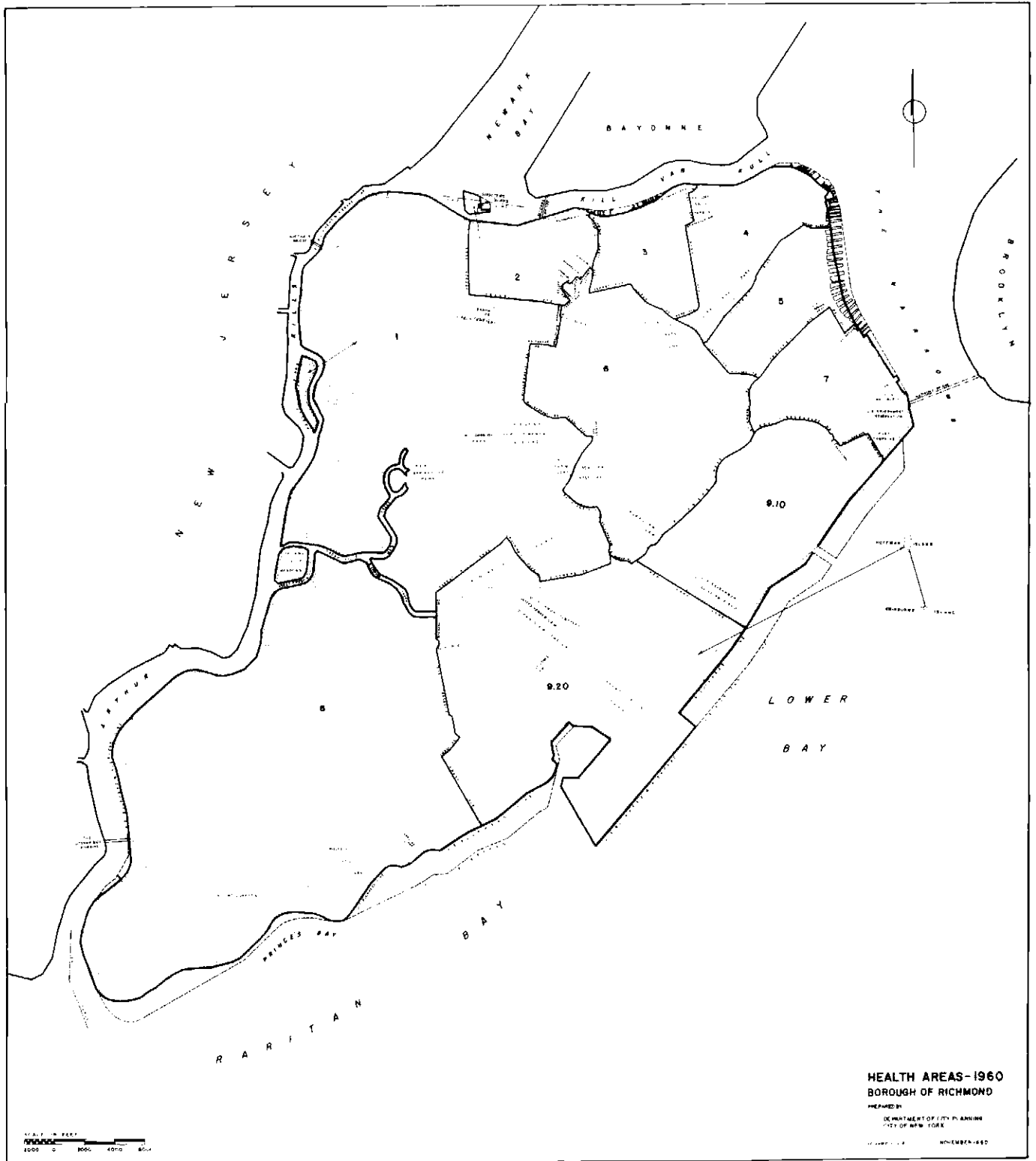
RICHMOND

Health Center District — Health Area	Population April 1, 1960				Resident Deaths All Forms	New Cases Reported	Active Cases in Register Dec. 31, 1960	
	Total All Races	White	Negro	Other			No.	Rate†
RICHMOND								
1.00 ...	20,548	18,298	2,198	52	0	14	19	0.9
2.00 ...	17,608	16,685	909	14	1	3	6	0.3
3.00 ...	21,112	19,105	1,983	24	0	4	10	0.5
4.00 ...	27,047	24,830	2,091	126	1	5	14	0.5
5.00 ...	16,799	16,184	496	119	2	1	3	0.2
6.00 ...	32,018	31,128	804	86	2	4	11	0.3
7.00 ...	13,746	13,531	155	60	0	2	2	0.1
8.00 ...	18,537	17,964	556	17	0	5	9	0.5
9.10 ...	28,320	27,833	449	38	1	2	4	0.1
9.20 ...	26,256	26,180	33	43	1	3	4	0.2
RICHMOND								
Total ...	221,991	211,738	9,674	579	8	43	82	0.4
NEW YORK CITY								
Total ...	7,781,984	6,640,662	1,087,931	53,391	795*	4,699	8,689	1.1

†Active cases in register per 1,000 population.

*Resident deaths including those who died outside of New York City.

See map for health area boundaries.



HEALTH AREAS-1960
BOROUGH OF RICHMOND
PREPARED BY:
DEPARTMENT OF CITY PLANNING
CITY OF NEW YORK
NOVEMBER-1960

COMMUNITY
CASE FATALITY
RATES

In the main, case fatality rates, whether institutional or for the entire community, are markedly lower nowadays and prognosis, even for an advanced case of disease, is more favorable than a decade ago when less use was made of antibacterials. Prior to 1948 the community case fatality rates for pulmonary tuberculosis in New York City, going back to the year 1900, averaged around 43 percent. The yearly fluctuations ranged from 35 to 56 percent during the period preceding the widespread use of drug therapy.

Streptomycin, which was discovered in 1944, and tested clinically in 1945 and 1946, became more generally available beginning in 1947. Too, in 1949, para-aminosalicylic acid (PAS) was introduced. The subsequent reduction in mortality brought the case fatality rates down by almost a third within a span of three or four years. A further impetus to this decline was given in 1952 when isoniazid was employed in the treatment of tuberculosis. Since 1953 there appears to be less change in the community case fatality rate. Case-finding procedures have contributed to maintain a high level of new cases reported.

COMMUNITY CASE FATALITY RATES
Pulmonary Tuberculosis
New York City, since 1900

Period	New Cases		Deaths		Community Fatality Ratio†
	Number	Rate†	Number	Rate†	
1900-1904	72,551	396	40,390	220	56%
1905-1909	109,633	508	44,001	204	40%
1910-1914	123,605	498	43,592	176	35%
1915-1919	87,941	326	42,235	156	48%
1920-1924	63,600	214	26,072	88	41%
1925-1929	55,878	170	23,191	71	42%
1930-1934	54,185	154	20,830	59	38%
1935-1939	43,936	120	19,044	52	43%
1940-1944	41,328	109	16,516	44	40%
1945-1949	34,153	88	14,396	37	42%
1950	6,518	83	2,154	27	33%
1951	6,331	80	1,978	25	31%
1952	6,021	77	1,460	18	24%
1953	6,110	78	1,183	15	19%
1954	5,439	69	1,048	13	19%
1955	5,064	65	1,023	13.1	20%
1956	5,089	65	916	11.7	18%
1957	5,162	66	931	11.9	18%
1958	4,513	58	772	9.9	17%
1959	4,196	54	736	9.4	18%
1960	3,923	50	763	9.8	19%

†Rate per 100,000 population. †Deaths per 100 new cases reported.
Note: Number of new cases and deaths prior to 1950, shown above, are totals during each quinquennial period.