

TUBERCULOSIS MORBIDITY

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NEW CASES, ACTIVE TUBERCULOSIS, REPORTED DURING THE YEAR

IN 1961 fewer new cases of active tuberculosis were reported in New York City than during any previous year since the introduction of compulsory registration of cases in 1894. The campaign to discover previously unknown tuberculosis was pressed by both public and private health agencies.

Last year there were 4,360 new cases of active tuberculosis discovered and reported compared to 4,699 in 1960 or seven percent fewer. This decline in new cases reflects to some degree the diminishing rate of infection. Forty-two percent of the new cases in 1961 (1,832) were registered as residents of Manhattan, producing a case rate of 108 for this borough or several times the rates in the other four boroughs (Brooklyn = 50, Bronx = 49, Queens = 25, Richmond = 22). Although there was an overall decrease of new cases for the city as a whole, nine of the 30 health center districts had a few more new cases reported in 1961 than in 1960. Of all persons newly found to have tuberculosis, 45 percent were white, 39 percent Negro and 14 percent Puerto Rican.

NEW CASES, ACTIVE TUBERCULOSIS, BY BOROUGH, NEW YORK CITY, 1950-1961

Year:-	Manhattan	Bronx	Brooklyn	Queens	Richmond	New York City
NEW CASES REPORTED						
1950	3,847	944	1,948	859	119	7,717
1951	3,736	990	1,866	883	108	7,583
1952	3,567	910	1,875	825	105	7,282
1953	3,690	904	1,845	812	98	7,349
1954	3,404	804	1,619	672	83	6,582
1955 (*).....	2,994	872	1,644	605	99	6,214
1956	2,895	850	1,700	626	66	6,137
1957	3,002	821	1,598	634	62	6,117
1958	2,602	751	1,501	559	69	5,482
1959	2,290	725	1,371	478	60	4,924
1960	2,141	690	1,359	466	43	4,699
1961	1,832	704	1,318	458	48	4,360
CASE RATE PER 100,000(†)						
1950	197	65	71	55	62	98
1951	194	68	69	56	55	96
1952	187	63	70	51	53	93
1953	196	63	69	49	49	94
1954	183	56	61	40	41	84
1955	163	61	62	35	48	79
1956	160	60	65	36	31	79
1957	168	58	61	36	29	78
1958	148	53	57	31	32	70
1959	133	51	52	27	27	63
1960	127	48	52	26	19	60
1961	108	49	50	25	22	56

(*)Includes 51 infants, recently tuberculin positive, given prophylactic antimicrobials. (†)Case rates based on revised population estimates taking into account the 1960 enumeration by the U.S. Bureau of the Census.

NEW CASES OF ACTIVE TUBERCULOSIS REPORTED IN NEW YORK CITY
By Health Center Districts, 1950-1961

Health Center DISTRICT	New Cases Reported During Year											
	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961
Central Harlem† ...	794	831	777	917	803	697	692	658	611	514	581	464
East Harlem	485	450	441	428	375	310	247	277	242	245	168	166
Kips Bay-Yorkville.	202	207	151	154	159	121	100	116	95	99	74	65
Lower East Side ...	811	783	688	774	817	697	800	911	734	655	562	520
Lower West Side ...	792	665	714	702	621	591	494	568	477	386	325	258
Riverside†	421	479	467	423	382	354	309	293	291	263	275	230
Washington Hgts.†..	342	321	329	292	247	227	253	179	152	128	156	129
MANHATTAN:	3847	3736	3567	3690	3404	2994	2895	3002	2602	2290	2141	1832
Ford'm-Riverdale ..	84	102	88	85	58	80	47	87	64	75	48	48
Morrisania	316	279	253	266	184	223	232	244	217	201	198	233
Mott Haven	285	274	292	256	287	307	325	245	203	191	234	227
Pelham Bay	48	66	50	69	61	50	41	44	42	60	43	33
Tremont	125	165	131	129	133	145	132	114	130	125	114	99
Westchester	86	104	96	99	81	67	73	87	95	73	53	64
BRONX:	944	990	910	904	804	872	850	821	751	725	690	704
Bay Ridge	120	112	99	99	95	73	76	76	70	60	58	54
Bedford	385	361	400	386	331	371	420	309	349	286	291	329
Brownsville	168	123	143	144	142	150	156	170	153	165	163	138
Bushwick	173	164	141	134	140	148	131	133	138	109	130	126
Flatbush	169	136	138	141	115	112	84	110	100	94	85	88
Fort Greene	289	305	307	310	283	267	279	251	231	235	213	223
Gravesend	96	81	111	78	56	64	73	66	65	48	66	50
Red Hook-Gowanus ..	206	244	196	200	188	190	185	173	133	150	136	102
Sunset Park	156	147	147	147	102	130	112	124	88	80	81	66
Wmsbrg.-Greenp't ..	186	193	193	206	167	139	184	186	174	144	136	142
BROOKLYN:	1948	1866	1875	1845	1619	1644	1700	1598	1501	1371	1359	1318
Astoria-L.I.City ..	166	146	154	126	103	118	131	119	104	79	70	69
Corona	110	146	116	119	83	86	75	90	84	89	70	67
Flushing	132	134	132	137	122	102	76	86	97	77	84	71
Jamaica East	174	153	167	178	139	145	152	173	119	104	121	115
Jamaica West	147	164	146	153	142	80	107	97	99	72	75	88
Maspeth-For.Hills..	130	140	110	99	83	74	85	69	56	57	46	48
QUEENS:	859	883	825	812	672	605	626	634	559	478	466	458
RICHMOND:	119	108	105	98	83	99	66	62	69	60	43	48
NEW YORK CITY:	7717	7583	7282	7349	6582	6214	6137	6117	5482	4924	4699	4360

†Boundary change: Beginning with 1952 health area 85.10 previously in Washington Heights and health area 85.20 previously in Riverside added to Central Harlem.

NEW CASE RATE
NEW CASES OF ACTIVE TUBERCULOSIS REPORTED IN NEW YORK CITY
By Health Center Districts, 1950-1961

Health Center DISTRICT	New Case Rate per 100,000 population ^f											
	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961
Central Harlem	307	325	307	367	325	285	287	276	258	219	250	200
East Harlem	224	212	213	212	190	161	132	151	133	137	95	94
Kips Bay-Yorkville.	79	82	61	63	67	52	43	51	43	45	35	30
Lower East Side ...	263	256	226	256	272	233	270	311	257	236	268	193
Lower West Side ...	247	209	226	224	200	192	162	190	167	141	125	99
Riverside	142	164	163	150	138	130	115	111	109	98	102	86
Washington Hgts....	115	109	113	101	86	80	89	64	55	47	58	48
MANHATTAN:	197	194	187	196	183	163	160	168	148	133	127	108
Ford'm-Riverdale ..	37	45	38	37	25	34	20	37	27	32	21	21
Morrisania	107	96	88	93	65	80	84	90	81	76	76	89
Mott Haven	125	121	130	114	129	139	148	112	92	86	104	101
Pelham Bay	33	44	33	44	38	30	24	25	24	33	23	18
Tremont	41	55	45	45	47	52	48	42	48	47	43	38
Westchester	34	41	38	39	32	26	29	34	37	28	20	25
BRONX:	65	68	63	63	56	61	60	58	53	51	48	49
Bay Ridge	38	35	32	32	31	24	25	26	24	21	20	19
Bedford	124	118	132	129	112	127	146	108	122	100	101	115
Brownsville	60	44	51	52	51	54	57	62	54	56	54	46
Bushwick	75	71	62	60	63	68	61	62	64	50	60	58
Flatbush	35	28	29	30	24	24	18	23	21	20	18	18
Fort Greene	130	138	139	140	128	121	127	114	106	109	99	104
Gravesend	34	29	39	28	20	23	26	23	23	16	22	17
Red Hook-Gowanus ..	120	142	115	118	111	113	111	104	81	92	84	63
Sunset Park	71	68	69	70	49	64	56	63	45	41	42	34
Wmsbrg.-Greenp't ..	86	91	93	100	83	70	94	97	90	75	71	74
BROOKLYN:	71	69	70	69	61	62	65	61	57	52	52	50
Astoria-L.I.City ..	63	56	59	48	39	45	50	46	40	31	27	27
Corona	53	70	56	57	40	41	36	43	40	41	32	31
Flushing	45	43	39	38	32	26	18	20	22	17	19	16
Jamaica East	67	58	62	66	51	52	54	61	41	36	41	39
Jamaica West	53	59	52	54	49	28	36	33	33	24	24	28
Maspeth-For.Hills..	50	54	42	37	31	27	30	25	20	20	16	17
QUEENS:	55	56	51	49	40	35	36	36	31	27	26	25
RICHMOND:	62	55	53	49	41	48	31	29	32	27	19	22
NEW YORK CITY:	98	96	93	94	84	79	79	78	70	63	60	56

^fCase rates based on revised population estimates as of July 1st taking into account the 1950, 1957 and 1960 enumerations by the U.S. Bureau of the Census.

SOURCE OF REPORT

SIXTY-ONE percent of all new cases of active tuberculosis were reported last year by hospitals within the city (58%) and out of town sanatoria (3%). The Department of Health clinics account for over one-fourth of all new cases registered and other clinics, six percent. Private physicians reported only four percent of all new cases, but this low percentage may be due partly to the practice of physicians referring patients to clinics when tuberculosis is suspected or hospitals when such care is indicated so that the clinics and hospitals are credited with making the final diagnosis.

SOURCE OF REPORT, NEW CASES OF ACTIVE TUBERCULOSIS*
New York City, 1950-1961

Source of Report	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961
NUMBER OF NEW CASES REPORTED												
Hospitals in city	3910	3907	3841	3894	3537	3335	3100	3209	3062	2781	2732	2523
Health Dept. clinic	1755	1882	1747	1903	1696	1686	2035	1894	1535	1430	1274	1173
Other clinics ...	730	735	658	615	569	495	497	465	406	328	301	267
Private physicians	779	607	633	526	419	392	276	239	247	208	194	199
Sanatoria out-town	362	335	307	305	266	214	125	151	116	88	107	113
Other sources ...	181	117	96	106	95	92	104	159	116	89	91	85
All sources ...	7717	7583	7282	7349	6582	6214	6137	6117	5482	4924	4699	4360
PERCENT DISTRIBUTION BY SOURCE												
Hospitals in city	51%	51%	53%	53%	54%	54%	51%	52%	56%	56%	58%	58%
Health Dept. clinic	23%	25%	24%	26%	26%	27%	33%	31%	28%	29%	27%	27%
Other clinics ...	9%	10%	9%	8%	9%	8%	8%	8%	7%	7%	7%	6%
Private physicians	10%	8%	9%	7%	6%	6%	4%	4%	5%	4%	4%	4%
Sanatoria out-town	5%	4%	4%	4%	4%	3%	2%	2%	2%	2%	2%	3%
Other sources ...	2%	2%	1%	1%	1%	2%	2%	3%	2%	2%	2%	2%
All sources ...	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

*Tuberculosis all forms. Note: Included are newly reported cases identified through death certificates or reported at time of death only.

SOURCES OF REPORT, NEW CASES OF ACTIVE TUBERCULOSIS, BY ETHNIC GROUP AND SEX
New York City, 1961

Source of Report	White			Negro			Puerto Rican			Yellow			All Races		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Hospitals in city ...	812	293	1105	682	362	1044	142	124	266	26	5	31	1721	802	2523
Health Dept. clinics ...	232	119	442	229	183	412	117	124	241	8	1	9	738	435	1173
Other clinics ...	57	33	90	57	39	96	34	28	62	4	0	4	159	108	267
Private physicians.	92	55	147	16	8	24	1	4	5	5	3	8	123	76	199
Sanatoria, out of town	51	14	65	24	13	37	2	2	4	1	0	1	84	29	113
Other sources ...	34	19	53	12	7	19	2	0	2	0	2	2	54	31	85
All sources.	1369	533	1902	1020	612	1632	298	282	580	44	11	55	2879	1481	4360

M=Male, F=Female. *Totals include persons of other races and those whose ethnic group was not reported.

STAGE OF DISEASE

AMONG new cases the ratio of early to advanced stages of pulmonary tuberculosis has changed very little during the last decade. Whereas in 1950, 79 percent of the new cases reported were in the moderately and far advanced stages, in 1961 the proportion was 82 percent. In 1961, 18 percent of the new cases were in the minimal stage, 49 percent moderately advanced and 33 percent far advanced. It has been suggested that the failure to discover the majority of cases in the minimal stage in spite of modern diagnostic methods is due to the well-known fact that people do not seek medical attention until striking symptoms have appeared. Minimal tuberculosis is known to be relatively symptomless subjectively and insidious, and it is apparent that at this point few people are reached in case-finding X-ray surveys.

As has been previously stated the bare statistics do not reveal the whole picture and particularly its more favorable aspect. The classification of stage of disease relates almost entirely to its anatomical extent in the lungs, but not to the severity of the symptoms, the presence of complications such as tuberculous involvement of organs other than the lungs, and the pathological phase of the pulmonary disease (e.g. acute pneumonic or chronic fibroid). In these respects the situation has improved markedly, as any experienced physician will testify. Hemorrhage from the lungs is much less frequent, common complications such as severe tuberculosis of the larynx and the intestine are fewer, and uncontrollable "galloping consumption" has become almost a rarity. These favorable changes were noticeable twenty-five years ago, but have been greatly accelerated by the use of modern chemotherapy.

STAGE OF DISEASE, NEW CASES OF ACTIVE PULMONARY TUBERCULOSIS
New York City, 1950-1961

Year	Stage of Disease						Un- known †	Dead ‡	Total New Cases §
	Minimal		Mod. Adv.		Far Adv.				
	Num- ber	Per- cent	Num- ber	Per- cent	Num- ber	Per- cent			
1950	1075	21%	2242	43%	1867	36%	776	558	6518
1951	1037	19%	2505	46%	1914	35%	452	423	6331
1952	970	18%	2535	49%	1703	33%	453	360	6021
1953	1020	19%	2709	50%	1681	31%	385	315	6110
1954	935	19%	2411	50%	1489	31%	332	272	5439
1955	834	19%	2166	49%	1421	32%	418	225	5064
1956	902	20%	2187	49%	1356	31%	454	190	5089
1957	827	18%	2429	54%	1232	28%	460	214	5162
1958	764	20%	2018	52%	1100	28%	478	153	4513
1959	731	20%	1975	54%	948	26%	398	144	4196
1960	653	20%	1585	50%	954	30%	564	167	3923
1961	530	18%	1451	49%	959	33%	516	179	3635

†Stage of disease unknown. ‡Cases identified through death certificate or reported at time of death only. §Pulmonary cases only.

Stage of Disease by Age, Sex and Ethnic Group
NEWLY REPORTED CASES, ACTIVE PULMONARY TUBERCULOSIS, 10 YEARS OF AGE AND OVER
New York City, Year 1961

Age, Ethnic Group	M A L E S							F E M A L E S									
	Stage at First Report						% (†)	Stage at First Report						% (†)			
	Min- imal	Mod. Adv.	Far Adv.	Not Rep.	New Dead	Total		Min. Stage	Min- imal	Mod. Adv.	Far Adv.	Not Rep.	New Dead		Total	Min. Stage	
WHITE																	
10-14 ..	2	0	0	2	0	4	100%	2	2	1	4	0	9	40%			
15-24 ..	16	34	6	7	0	63	29%	16	32	6	4	0	58	30%			
25-34 ..	26	48	25	12	2	113	26%	15	33	12	10	1	71	25%			
35-44 ..	23	75	39	20	6	163	17%	12	33	11	4	2	62	21%			
45+	90	375	245	95	80	885	13%	35	92	49	33	17	226	26%			
Total*..	163	544	320	139	88	1254	16%	81	199	81	56	20	437	22%			
NEGRO																	
10-14 ..	3	1	2	3	0	9	50%	8	1	1	3	0	13	80%			
15-24 ..	20	25	26	11	1	83	28%	21	32	14	16	0	83	31%			
25-34 ..	11	71	61	22	2	167	8%	13	45	37	25	3	123	14%			
35-44 ..	17	86	80	49	7	239	9%	20	48	44	26	3	141	18%			
45+	25	134	106	52	36	353	9%	6	39	36	13	7	101	7%			
Total*..	76	318	276	138	46	854	11%	69	167	132	84	13	465	19%			
PUERTO RICAN																	
10-14 ..	0	2	0	0	0	2	..	3	1	1	3	0	8	60%			
15-24 ..	13	19	19	7	1	59	25%	19	16	15	8	0	58	38%			
25-34 ..	13	27	13	7	2	62	25%	12	16	18	9	0	55	26%			
35-44 ..	6	18	8	4	0	36	19%	14	8	9	5	0	36	45%			
45+	10	20	22	12	1	65	19%	7	21	8	10	1	47	19%			
Total*..	42	86	62	30	4	224	22%	56	63	51	36	1	207	33%			
OTHER RACES																	
10-14 ..	0	1	0	1	0	2	..	1	0	0	1	0	2	100%			
15-24 ..	4	3	4	1	0	12	36%	6	4	0	0	0	10	60%			
25-34 ..	4	4	5	3	1	17	31%	5	1	1	2	0	9	71%			
35-44 ..	5	13	4	4	1	27	23%	0	1	1	0	0	2	..			
45+	14	41	21	12	5	93	18%	2	4	1	3	0	10	29%			
Total*..	27	64	34	25	7	157	22%	16	10	3	8	0	37	55%			
GRAND TOTAL ..	308	1012	692	332	145	2489	15%	222	439	267	184	34	1146	24%			

*Totals include persons of unknown age. †Percentages based on total cases for which stage was reported.

It will be noted that a relatively higher proportion of cases of "minimal" pulmonary tuberculosis was found among younger persons, which augurs well for the future. In these adolescents and young adults "minimal" lesions are more often of recent origin and active than in elderly people. At the same time the modern treatment of these lesions of the young is likely to be wholly successful; consequently, these young people are not prone to drift into advanced chronic tuberculosis as they grow older and in years to come we should see less intractable disease in the later decades of life. At present there are relatively few persons with minimal tuberculosis in the older age groups and these are often difficult to reach in the routine community chest X-ray surveys.

NEWLY REPORTED CASES OF ACTIVE TUBERCULOSIS, BY FORM
New York City, 1950-1961

Year	Pulmonary		Mil- iary	Menin- gitis	Pleural Effusion	Other Forms	Total All Forms
	10 Years+	Under 10					
1950, New living..	5,960	437	35	42	..	551	7,025
New dead....	558	1	37	54	..	42	692
Total	6,518	438	72	96	..	593	7,717
1951, New living..	5,908	440	42	41	..	616	7,047
New dead....	423	2	26	46	..	39	536
Total	6,331	442	68	87	..	655	7,583
1952, New living..	5,661	456	41	33	1	606	6,798
New dead....	360	2	28	28	..	66	484
Total	6,021	458	69	61	1	672	7,282
1953, New living..	5,795	510	28	63	189	360	6,945
New dead....	311	3	22	34	4	30	404
Total	6,106 6,110	513	50	97	193	390	7,349
1954, New living..	5,167	477	39	32	113	398	6,226
New dead....	272	1	22	22	..	39	356
Total	5,439	478	61	54	113	437	6,582
1955, New living..	4,839	513	36	30	83	418	5,919
New dead....	224	1	25	19	..	26	295
Total	5,063	514	61	49	83	444	6,214
1956, New living..	4,899	493	30	23	124	331	5,900
New dead....	190	..	7	12	..	28	237
Total	5,089	493	37	35	124	359	6,137
1957, New living..	4,948	422	16	25	124	317	5,852
New dead....	214	..	12	21	..	18	265
Total	5,162	422	28	46	124	335	6,117
1958, New living..	4,360	443	18	18	112	325	5,276
New dead....	153	..	20	16	2	15	206
Total	4,513	443	38	34	114	340	5,482
1959, New living..	4,052	337	14	10	87	252	4,752
New dead....	144	..	12	10	1	5	172
Total	4,196	337	26	20	88	257	4,924
1960, New living..	3,756	329	22	17	105	262	4,491
New dead....	167	..	19	13	1	8	208
Total	3,923	329	41	30	106	270	4,699
1961, New living..	3,456	343	19	19	73	232	4,142
New dead....	179	..	17	10	22	12	218
Total	3,635	343	36	29	85	242	4,360

Note: Prior to 1955, cases of pulmonary tuberculosis were divided into two categories -- "pulmonary (adult)" and "primary (childhood pulmonary)." The distinction between pulmonary and primary tuberculosis was unsatisfactory as it did not fully reflect a difference in type of pulmonary disease. On January 1, 1955, the Bureau of Tuberculosis started classifying all cases 10 years of age and over, and those under 10 years of age. For statistical purposes, these two groups should be considered equivalent to the groups formerly labeled "pulmonary" and "primary" tuberculosis. (Abstract from 1955 SERVICE STATISTICS BOOK, Bureau of Records and Statistics, Department of Health, The City of New York.)

NEW CASES OF TUBERCULOSIS REPORTED AT TIME OF DEATH

INCREASING attention is being paid to new cases of tuberculosis first reported at time of death. The public health importance of this group of the population is under review and studies are under way to determine the extent of the disease, its significance to the patient and its possible transmission to his associates. Furthermore attempts are being made to find out why these persons, presumably with active tuberculosis, had not been found and reported to the Health Department prior to death. In New York City approximately one in twenty newly reported cases of tuberculosis first comes to attention of the health authorities at time of death.

NEW CASES OF PULMONARY TUBERCULOSIS
First Reported at Time of Death †
New York City, 1950-1961

Year	Manhattan		Bronx		Brooklyn		Queens		Richmond		N.Y. City	
	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent
1950 ...	300	9.4%	55	7.1%	138	8.1%	59	7.6%	6	5.8%	558	8.6%
1951 ...	216	7.0%	36	4.5%	115	7.3%	49	6.2%	7	7.4%	423	6.7%
1952 ...	198	7.2%	39	5.5%	84	5.8%	35	5.2%	4	4.7%	360	6.4%
1953 ...	190	6.8%	34	4.7%	70	4.7%	20	2.8%	4	5.2%	315	5.2%
1954 ...	144	5.5%	37	5.9%	70	5.4%	19	3.3%	2	2.7%	272	5.3%
1955 ...	123	4.8%	32	4.3%	50	3.5%	14	2.5%	6	6.9%	225	4.2%
1956 ...	93	3.9%	14	2.0%	51	3.6%	31	5.6%	1	1.7%	190	3.7%
1957 ...	94	3.7%	37	5.3%	58	4.4%	24	4.2%	1	1.8%	214	4.1%
1958 ...	64	3.0%	27	4.3%	36	3.0%	22	4.7%	4	6.4%	153	3.4%
1959 ...	66	3.4%	18	2.9%	40	3.5%	19	4.4%	1	1.8%	144	3.4%
1960 ...	95	5.3%	9	1.6%	48	4.3%	15	3.7%	0	..	167	4.3%
1961 ...	84	5.4%	19	3.3%	52	4.8%	20	5.1%	4	9.1%	179	4.9%

†First identified through death certificates or reported at time of death only. Percentages in this table based on all new pulmonary cases reported.

Note: In 1961 there were 218 persons with active tuberculosis (all forms) first reported at time of death. Of these, 179 had pulmonary tuberculosis, 17 miliary, 10 tuberculous meningitis, 12 tuberculosis of the pleura.

Source of report: by institutions in the city, 190; by private physicians, 8; by institutions out of city, 5; other sources, 15.

Of the 218 persons, 99 were residents of Manhattan, 64 of Brooklyn, 27 of the Bronx, 24 of Queens and 4 of Richmond.

According to ethnic group, 125 were white, 77 were Negro, 5 were Puerto Rican, and 6 were Oriental; no ethnic data were available for the remaining persons.

TUBERCULOSIS NEW CASE RATES* BY ETHNIC GROUP
New York City, 1950-1961

Year	White	Negro	Puerto Rican	Other	Total
1950	71.4	278.2	247.7	519.7	97.8
1951	68.1	279.2	233.3	551.6	96.3
1952	63.3	269.6	234.7	490.4	92.6
1953	63.4	271.7	208.3	557.8	93.7
1954	56.1	235.2	206.2	319.0	84.0
1955	52.9	217.9	176.5	371.4	79.4
1956	51.6	215.2	162.0	421.4	78.6
1957	53.4	195.3	159.3	316.5	78.4
1958	46.6	183.0	126.1	250.4	70.4
1959	41.2	159.4	117.2	171.8	63.2
1960	37.5	160.9	102.8	136.2	60.4
1961	32.9	158.2	98.9	127.1	56.0

*Per 100,000 population.

TUBERCULOSIS NEW CASE RATES* BY ETHNIC GROUP, SEX AND AGE
New York City, Three-year Period 1959-1961

Age Group	White		Negro		Puerto Rican		Total†	
	Male	Female	Male	Female	Male	Female	Male	Female
0-4	13.6	12.6	89.1	76.9	76.7	68.6	37.6	33.4
5-9	8.5	6.1	56.9	53.8	52.7	45.1	23.3	20.4
10-14	4.8	6.6	27.3	43.4	21.6	43.8	10.7	17.1
15-19	12.9	14.4	79.6	108.6	62.5	91.7	27.8	38.1
20-24	32.1	24.1	188.2	135.2	147.7	132.7	72.4	59.2
25-29	34.8	29.6	199.4	132.4	126.7	125.4	76.1	63.1
30-34	37.8	25.3	271.2	158.2	129.4	129.6	89.0	63.3
35-44	50.0	19.8	326.0	147.8	144.4	104.7	107.2	48.3
45-54	74.1	19.3	332.2	97.6	143.4	123.6	113.8	34.0
55-64	96.7	14.3	299.1	78.3	179.8	98.0	125.3	23.0
65+	112.1	27.8	256.6	70.0	302.5	123.3	133.0	33.1
All Ages ..	53.6	19.0	199.3	105.1	103.4	95.5	82.8	39.0

*Per 100,000 population.

†Including persons of all ethnic groups.

Whereas among the white population the ratio of male to female new case rates is 2.8 to 1, and for Negroes 1.9 to 1, for Puerto Ricans it is 1 to 1. These ratios differ according to age groups and in certain of them the female rates exceed those of the males.

MALES: NEW CASES OF ACTIVE TUBERCULOSIS
New York City, 1961

Health Center DISTRICT	Age Group												Total Male
	0- 4	5- 9	10- 14	15- 19	20- 24	25- 29	30- 34	35- 44	45- 54	55- 64	65+	N.S.	
Central Harlem	12	7	7	5	22	26	34	75	54	35	23	1	301
East Harlem	5	3	1	10	6	13	5	16	16	10	8	5	98
Kips Bay-Yorkville ..	2	0	0	0	0	1	3	7	10	12	7	3	45
Lower East Side	21	6	3	3	14	13	26	70	97	112	57	1	423
Lower West Side	7	1	0	0	11	4	17	42	42	48	46	1	219
Riverside	9	2	3	2	11	12	13	28	25	16	19	1	141
Washington Heights ..	0	0	0	1	4	7	6	13	17	19	11	0	78
MANHATTAN:	56	19	14	21	68	76	104	251	261	252	171	12	1305
Ford'm-Riverdale	0	0	0	1	1	2	0	5	5	9	8	1	32
Morrisania	14	5	2	2	16	16	13	22	26	15	11	1	143
Mott Haven	7	5	1	6	12	14	10	16	16	15	11	4	117
Pelham Bay	2	0	0	1	2	1	0	2	6	2	5	1	22
Tremont	1	3	0	3	1	5	5	9	11	14	7	0	59
Westchester	0	0	0	1	4	2	4	5	4	12	12	2	46
BRONX:	24	13	3	14	36	40	32	59	68	67	54	9	419
Bay Ridge	2	0	0	1	2	2	0	6	3	11	12	1	40
Bedford	13	6	1	2	17	14	25	51	36	19	14	2	200
Brownsville	8	8	0	1	10	7	9	18	8	6	8	0	83
Bushwick	3	2	0	1	8	3	5	14	15	21	16	1	89
Flatbush	0	0	0	0	3	1	4	8	6	7	26	1	56
Fort Greene	9	7	3	1	9	12	14	19	16	20	14	2	126
Gravesend	1	0	0	0	1	2	3	6	3	7	7	0	30
Red Hook-Gowanus	7	3	0	1	8	4	4	3	7	13	6	1	57
Sunset Park	2	1	0	0	3	1	2	4	9	10	16	2	50
Wmsbrg-Greenp't	2	0	3	1	8	5	3	18	21	9	10	3	83
BROOKLYN:	47	27	7	8	69	51	69	147	124	123	129	13	814
Astoria-Long Is. City	2	0	1	2	3	3	4	3	11	10	6	2	47
Corona	0	0	1	1	2	2	3	6	14	5	8	1	43
Flushing	0	2	1	0	0	3	2	8	5	15	10	0	46
Jamaica East	2	5	0	1	3	4	1	18	17	10	9	1	71
Jamaica West	4	0	0	0	1	0	10	6	15	11	14	0	61
Maspeth-Forest Hills.	1	0	0	1	1	1	2	1	8	4	9	3	31
QUEENS:	9	7	3	5	10	13	22	42	70	55	56	7	299
RICHMOND:	1	0	1	1	1	1	2	7	8	7	12	1	42
NEW YORK CITY:	137	66	28	49	184	181	229	506	531	504	422	42	2879

N.S. = Age not stated.

Of all males eight percent of the new active cases reported in 1961 were less than 15 years of age, forty-one percent were in the 15 to 44 age group, and fifty-one percent 45 years and older.

FEMALES: NEW CASES OF ACTIVE TUBERCULOSIS
New York City, 1961

Health Center DISTRICT	Age Group												Total Fema.
	0- 4	5- 9	10- 14	15- 19	20- 24	25- 29	30- 34	35- 44	45- 54	55- 64	65+	N.S.	
Central Harlem	7	11	4	10	12	11	18	49	22	11	7	1	167
East Harlem	5	4	3	8	8	7	10	7	11	2	1	2	68
Kips Bay-Yorkville ...	2	0	0	2	1	0	1	3	7	2	2	0	20
Lower East Side	17	5	3	11	7	11	6	16	12	5	2	2	97
Lower West Side	3	1	1	0	5	6	6	5	6	4	2	0	38
Riverside	11	1	2	8	11	8	9	23	2	6	5	3	88
Washington Heights ...	1	1	0	3	7	8	4	8	10	4	5	0	51
MANHATTAN:	46	23	13	42	51	51	54	111	70	34	24	8	527
Ford'm-Riverdale	1	0	0	1	0	0	0	5	1	3	5	0	14
Morrisania	6	5	5	4	13	9	7	13	10	6	9	3	90
Mott Haven	11	6	5	5	13	14	6	18	15	8	7	2	110
Pelham Bay	1	0	0	0	0	2	0	2	3	0	2	1	11
Tremont	2	2	2	0	7	4	3	4	5	3	6	2	40
Westchester	0	0	0	0	1	3	4	2	1	1	5	1	18
BRONX:	21	13	12	10	34	32	20	44	35	21	34	9	281
Bay Ridge	2	0	0	0	1	2	1	2	2	1	3	0	14
Bedford	16	8	7	7	13	16	17	25	10	3	6	1	129
Brownsville	3	3	1	5	5	7	4	7	10	3	6	1	57
Bushwick	2	0	2	0	2	2	5	10	5	3	6	0	37
Flatbush	1	0	1	1	1	1	2	7	7	4	7	0	32
Fort Greene	8	7	3	8	11	16	11	13	7	5	7	1	97
Gravesend	1	2	0	1	2	3	1	3	3	1	3	0	20
Red Hook-Gowanus	0	2	4	2	6	6	3	7	7	3	4	1	47
Sunset Park	0	1	0	1	0	0	1	2	4	1	4	2	16
Wmsbrg-Greenp't	5	0	2	4	5	6	2	14	8	6	5	2	59
BROOKLYN:	38	23	20	29	46	59	47	90	63	30	51	8	504
Astoria-Long Is. City.	0	0	0	0	1	3	1	1	3	4	8	1	22
Corona	1	0	0	1	4	5	3	2	2	3	3	0	24
Flushing	3	0	1	1	2	1	3	3	4	2	5	0	25
Jamaica East	5	2	0	0	7	8	3	10	4	3	2	0	44
Jamaica West	1	1	0	2	3	1	1	6	4	4	3	1	27
Maspeth-Forest Hills..	0	1	0	1	2	0	1	2	2	2	5	1	17
QUEENS:	10	4	1	5	19	18	12	24	19	18	26	3	159
RICHMOND:	2	0	0	1	1	0	0	1	0	0	1	0	6
NEW YORK CITY:	117	63	46	87	151	160	133	270	187	103	136	28	1481

N.S. = Age not stated.

Of all females sixteen percent of all the new active cases reported in 1961 were less than 15 years of age, fifty-five percent were in the 15 to 44 age group, and twenty-nine percent 45 years and older.

NEW CASES OF ACTIVE TUBERCULOSIS BY ETHNIC GROUP
Health Center Districts, New York City, 1961

Health Center DISTRICT	White	Negro	Puerto Rican	Yellow	Other	N.S.	All Races	
							Number	Rate†
Central Harlem	9	427	16	0	1	11	464	200
East Harlem	48	50	57	0	0	11	166	94
Kips Bay-Yorkville	59	1	2	0	0	3	65	30
Lower East Side	258	72	112	18	2	58	520	193
Lower West Side	171	36	30	16	0	5	258	99
Riverside	76	76	62	4	3	9	230	86
Washington Heights	42	71	10	1	1	4	129	48
MANHATTAN:	663	733	289	39	7	101	1,832	108
Fordham-Riverdale	44	3	0	0	0	1	48	21
Morrisania	62	106	54	1	1	9	233	89
Mott Haven	106	53	57	0	2	9	227	101
Pelham Bay	19	8	3	0	0	3	33	18
Tremont	64	24	8	2	0	1	99	38
Westchester	48	8	3	0	0	5	64	25
BRONX:	343	202	125	3	3	28	704	49
Bay Ridge	53	0	1	0	0	0	54	19
Bedford	34	271	18	2	0	4	329	115
Brownsville	51	64	21	2	0	0	138	46
Bushwick	71	45	6	0	0	4	126	58
Flatbush	77	7	0	0	0	4	88	18
Fort Greene	56	130	34	0	0	3	223	104
Gravesend	34	11	5	0	0	0	50	17
Red Hook-Gowanus	38	24	33	1	1	5	102	63
Sunset Park	58	2	2	2	0	2	66	34
Williamsburg-Greenpoint.	77	19	44	1	0	1	142	74
BROOKLYN:	549	572	164	8	1	23	1,318	50
Astoria-Long Island City	53	8	0	2	0	6	69	27
Corona	53	14	0	0	0	0	67	31
Flushing	59	6	0	1	1	4	71	16
Jamaica East	36	71	1	0	1	6	115	39
Jamaica West	62	22	1	0	0	3	88	28
Maspeth-Forest Hills ...	46	0	0	1	0	1	48	17
QUEENS:	309	121	2	4	2	20	458	25
RICHMOND:	38	3	0	1	0	6	48	22
NEW YORK CITY:	1,902	1,632	580	55	13	178	4,360	56

†Per 100,000 population. N.S. = Race not stated.

According to ethnic group, of the new cases reported in New York City during 1961, 45 percent were white persons, 39 percent Negro, 14 percent Puerto Rican, and 1 percent Oriental. The proportions for boroughs differed. Negroes accounted for 42 percent of the new cases in Manhattan, 44 percent in Brooklyn, and 30 percent in the Bronx. Puerto Rican new cases were found mainly in the boroughs of Manhattan, Bronx and Brooklyn. In Queens 71 percent of the new cases were white, and in Richmond 91 percent.

NEWLY REPORTED CASES OF ACTIVE TUBERCULOSIS, NEW YORK CITY, 1956-1961
By Ethnic Group and Health Center Districts

Health Center DISTRICT	White						Negro						Puerto Rican					
	1956	1957	1958	1959	1960	1961	1956	1957	1958	1959	1960	1961	1956	1957	1958	1959	1960	1961
	Central Harlem	26	27	27	14	12	9	594	589	554	462	540	427	14	18	14	20	12
East Harlem	82	92	91	87	57	48	56	66	64	69	58	50	104	111	78	82	49	57
Kips Bay-Yorkville	89	101	87	92	62	59	2	3	3	2	3	1	7	3	0	0	1	2
Lower East Side	578	601	442	372	305	258	68	76	80	72	58	72	94	177	144	115	111	112
Lower West Side	364	429	339	243	201	171	37	37	52	54	49	36	44	59	32	46	46	30
Riverside	146	139	134	116	122	76	71	73	86	80	80	76	72	60	58	49	54	62
Washington Heights	93	82	80	47	68	42	114	72	55	65	77	71	23	17	8	7	6	10
MANHATTAN:	1378	1471	1200	971	827	663	942	916	894	804	865	733	358	445	334	319	279	289
Fordham-Riverdale	39	72	56	65	33	44	0	6	3	4	8	3	1	3	1	1	1	0
Morrisania	68	90	80	65	70	62	85	100	77	82	76	106	70	40	54	45	38	54
Mott Haven	156	111	106	102	112	106	55	43	43	21	52	53	74	71	46	53	59	57
Pelham Bay	32	32	27	46	26	19	6	5	8	10	8	8	2	1	1	1	3	3
Tremont	88	75	81	70	73	64	24	19	13	29	20	24	10	9	24	18	18	8
Westchester	53	59	72	58	38	48	10	10	11	5	8	8	7	7	8	7	3	3
BRONX:	436	439	422	406	352	343	180	183	155	151	172	202	164	131	134	125	122	125
Bay Ridge	75	76	66	55	57	53	1	0	2	2	0	0	0	0	1	0	0	1
Bedford	65	56	45	36	39	34	318	236	292	230	235	271	12	11	9	10	11	18
Brownsville	85	90	65	77	82	51	45	53	59	65	52	64	14	22	22	20	26	21
Bushwick	84	81	82	63	70	71	25	30	34	21	33	45	9	8	17	16	16	6
Flatbush	76	101	90	86	74	77	6	8	6	4	6	7	1	0	0	0	1	0
Fort Greene	76	73	78	71	58	56	147	139	118	126	119	130	41	29	30	30	29	34
Gravesend	60	57	55	41	53	34	8	7	9	5	7	11	2	1	1	0	5	5
Red Hook-Gowanus	88	83	71	73	63	38	27	18	17	27	20	24	67	67	40	43	49	33
Sunset Park	111	121	81	76	74	58	1	0	1	0	1	2	0	1	5	2	3	2
Williamsburg-Greenpoint	109	109	96	54	64	77	21	25	18	14	12	19	51	49	58	76	56	44
BROOKLYN:	829	847	729	632	634	549	599	516	556	494	485	572	197	188	183	197	196	164
Astoria-Long Is. City..	114	98	80	66	60	53	9	7	10	7	4	8	2	6	3	0	0	0
Corona	58	63	59	71	48	53	16	19	23	17	20	14	0	0	1	0	0	0
Flushing	68	76	80	69	66	59	6	7	10	5	12	6	0	0	1	1	2	0
Jamaica East	60	75	59	45	41	36	83	91	56	57	74	71	1	1	0	0	0	1
Jamaica West	90	74	69	50	57	62	13	17	27	18	12	22	0	1	0	0	2	1
Maspeth-Forest Hills ..	76	64	49	43	38	46	2	0	0	0	0	0	0	0	0	0	0	0
QUEENS:	466	450	396	344	310	309	129	141	126	104	122	121	3	8	5	1	4	2
RICHMOND:	53	51	55	51	33	38	11	7	7	6	4	3	1	0	2	2	1	0
NEW YORK CITY:	3162	3258	2802	2404	2156	1902	1861	1763	1738	1559	1648	1632	723	772	658	644	602	580

NEW CASES, ACTIVE TUBERCULOSIS ALL FORMS, BY ETHNIC GROUP AND SEX, NEW YORK CITY, SINCE 1943

Year	White		Negro		Puerto Rican		Yellow		Not Stated	All Races		
	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.		Male	Fem.	Total
1943	3975	1705	840	644	101	89	173	4	1390	5986	2853	8950
1944	3426	1578	814	710	98	98	170	9	1058	5149	2733	7973
1945	2906	1489	766	756	123	131	112	9	746	4322	2651	7062
1946	3015	1522	817	796	124	167	102	7	572	4411	2699	7123
1947	3204	1638	906	789	191	240	111	12	508	4710	2889	7599
1948	3383	1689	1044	915	216	289	125	14	631	5179	3127	8306
1949	3296	1690	1193	997	236	314	102	19	720	5307	3260	8567
1950	3212	1434	1017	917	244	330	112	20	431	4854	2863	7717
1951	3056	1412	1154	902	280	356	116	19	288	4788	2795	7583
1952	2769	1317	1118	934	330	388	104	17	305	4527	2755	7282
1953	2802	1291	1224	943	346	379	120	15	229	4626	2723	7349
1954	2516	1056	1100	833	386	397	77	15	202	4210	2372	6582
1955	2393	954	1028	834	361	380	84	9	171	3971	2243	6214
1956	2321	841	1071	790	329	394	86	11	294	3985	2152	6137
1957	2381	877	995	768	393	379	75	10	239	4002	2115	6117
1958	2003	799	1083	655	337	321	71	10	203	3637	1845	5482
1959	1719	685	942	617	323	321	63	8	246	3232	1692	4924
1960	1579	577	1017	631	300	302	55	6	232	3124	1575	4699
1961	1369	533	1020	612	298	232	44	11	191	2879	1481	4360

White or sex not stated. Note: Totals include other races and cases whose race or sex was not reported.

NEW CASES OF ACTIVE TUBERCULOSIS
By Ethnic Group, Age and Sex, New York City, 1950-1961

Part A - ALL ETHNIC GROUPS

Age	0- 4	5- 9	10- 14	15- 19	20- 24	25- 29	30- 34	35- 44	45- 54	55- 64	65+	N.S.	All Ages
MALE, ALL ETHNIC GROUPS													
1950	188	86	36	130	394	383	319	794	1034	788	578	124	4854
1951	196	89	57	144	384	416	349	744	963	750	580	116	4788
1952	217	100	46	156	275	339	370	712	927	727	502	156	4527
1953	215	105	49	126	288	420	335	765	927	711	596	89	4626
1954	192	98	44	123	264	346	330	630	857	736	512	78	4210
1955	224	84	41	100	232	277	295	632	778	709	527	72	3971
1956	200	92	41	91	193	248	311	671	806	711	567	54	3985
1957	135	93	37	98	185	246	292	612	777	757	702	68	4002
1958	191	89	44	86	212	209	301	598	675	649	515	68	3637
1959	123	67	34	73	151	214	253	531	624	574	526	62	3232
1960	132	78	31	74	148	177	219	562	568	582	513	40	3124
1961	137	66	28	49	184	181	229	506	531	504	422	42	2879
FEMALE, ALL ETHNIC GROUPS													
1950	165	84	80	224	459	412	338	464	256	155	162	64	2863
1951	176	89	68	202	426	430	331	434	266	156	151	66	2795
1952	163	80	61	210	393	428	319	430	245	153	167	106	2755
1953	174	123	64	177	392	473	277	446	250	139	161	47	2723
1954	183	96	78	142	289	392	284	389	210	128	137	44	2372
1955	210	80	64	140	262	304	287	360	210	139	147	40	2243
1956	178	79	48	153	231	323	268	353	211	126	151	31	2152
1957	163	90	49	150	213	264	237	359	234	161	156	39	2115
1958	147	73	56	105	192	198	218	322	220	97	166	51	1845
1959	121	62	54	103	165	176	201	284	207	127	151	41	1692
1960	102	55	46	98	146	162	198	278	198	106	158	28	1575
1961	117	63	46	87	151	160	133	270	187	103	136	28	1481
BOTH SEXES, ALL ETHNIC GROUPS													
1950	353	170	116	354	853	795	657	1258	1290	943	740	188	7717
1951	372	178	125	346	810	846	680	1178	1229	906	731	182	7583
1952	380	180	107	366	668	767	689	1142	1172	880	669	262	7282
1953	389	228	113	303	680	893	612	1211	1177	850	757	136	7349
1954	375	194	122	265	553	738	614	1019	1067	864	649	122	6582
1955	434	164	105	240	494	581	582	992	988	848	674	112	6214
1956	378	171	89	244	424	571	579	1024	1017	837	718	85	6137
1957	298	183	86	248	398	510	529	971	1011	918	858	107	6117
1958	338	162	100	191	404	407	519	920	895	746	681	119	5482
1959	244	129	88	176	316	390	454	815	831	701	677	103	4924
1960	234	133	77	172	294	339	417	840	766	688	671	68	4699
1961	254	129	74	136	335	341	362	776	718	607	558	70	4360

N.S. = Age not stated.

NEW CASES OF ACTIVE TUBERCULOSIS
By Ethnic Group, Age and Sex, New York City, 1950-1961

Part B - WHITE

Age	0- 4	5- 9	10- 14	15- 19	20- 24	25- 29	30- 34	35- 44	45- 54	55- 64	65+	N.S.	All Ages
WHITE MALE													
1950	83	43	12	77	210	195	150	463	779	639	495	66	3212
1951	64	40	30	64	202	205	148	435	717	592	492	67	3056
1952	69	29	17	60	133	157	171	405	632	589	421	86	2769
1953	77	24	11	64	141	224	150	403	621	552	491	44	2802
1954	53	34	14	49	126	161	136	314	582	588	424	35	2516
1955	68	26	13	40	106	115	131	302	560	553	446	33	2393
1956	70	22	17	43	93	98	111	310	520	536	478	23	2321
1957	36	17	12	37	69	95	114	284	524	571	588	34	2381
1958	38	13	7	36	80	90	111	248	449	474	420	37	2003
1959	34	21	13	28	54	70	85	200	369	405	419	21	1719
1960	30	21	11	26	47	66	59	199	308	395	400	17	1579
1961	31	11	7	15	53	54	76	171	269	337	317	28	1369
WHITE FEMALE													
1950	65	27	26	97	213	169	164	243	162	112	128	28	1434
1951	68	22	21	93	186	182	161	242	167	112	121	37	1412
1952	61	32	18	94	157	160	132	231	139	100	135	58	1317
1953	53	46	22	63	171	199	121	234	147	87	126	22	1291
1954	44	17	28	60	124	150	114	190	108	85	115	21	1056
1955	65	24	22	49	103	111	110	142	112	82	113	21	954
1956	51	13	10	62	87	113	73	144	110	69	99	10	841
1957	37	14	18	42	74	109	74	140	134	100	113	22	877
1958	41	17	15	26	68	67	79	143	127	59	124	33	799
1959	33	17	17	33	49	59	64	97	109	70	121	16	685
1960	22	10	14	29	37	54	52	90	92	54	113	10	577
1961	30	10	10	19	46	48	34	73	82	60	108	13	533
WHITE BOTH SEXES													
1950	148	70	38	174	423	364	314	706	941	751	623	94	4646
1951	132	62	51	157	388	387	309	677	884	704	713	104	4468
1952	130	61	35	154	290	317	303	636	771	689	556	144	4086
1953	130	70	33	127	312	423	271	637	768	639	617	66	4093
1954	97	51	42	109	250	311	250	504	690	673	539	56	3572
1955	133	50	35	89	209	226	241	444	672	635	559	54	3347
1956	121	35	27	105	180	211	184	454	630	605	577	33	3162
1957	73	31	30	79	143	204	188	424	658	671	701	56	3258
1958	79	30	22	62	148	157	190	391	576	533	544	70	2802
1959	67	38	30	61	103	129	149	297	478	475	540	37	2404
1960	52	31	25	55	84	120	111	289	400	449	513	27	2156
1961	61	21	17	34	99	102	110	244	351	397	425	41	1902

N.S. = Age not stated.

NEW CASES OF ACTIVE TUBERCULOSIS
By Ethnic Group, Age and Sex, New York City, 1950-1961

Part E - YELLOW

Age	0- 4	5- 9	10- 14	15- 19	20- 24	25- 29	30- 34	35- 44	45- 50	55- 64	65+	N.S.	All Ages
YELLOW MALE													
1950	1	0	0	1	7	13	10	22	22	24	9	3	112
1951	1	0	0	1	10	3	3	17	36	30	13	2	116
1952	0	0	0	5	7	8	10	14	20	18	18	4	104
1953	1	0	0	8	6	8	5	14	28	30	16	4	120
1954	0	3	0	3	2	4	8	7	19	17	13	1	77
1955	2	1	0	3	4	6	9	12	16	19	10	2	84
1956	3	1	0	3	6	7	7	8	19	18	13	1	86
1957	0	0	0	3	0	5	5	13	8	21	18	2	75
1958	1	0	0	1	3	5	2	7	12	16	20	4	71
1959	1	0	0	0	4	7	3	12	7	15	14	0	63
1960	0	0	0	0	1	6	3	5	8	13	19	0	55
1961	1	0	0	0	3	1	4	4	5	11	14	1	44
YELLOW FEMALE													
1950	4	0	1	2	2	6	1	1	3	0	0	0	20
1951	1	1	0	2	3	5	4	1	1	0	0	1	19
1952	0	0	0	1	2	7	4	0	1	1	0	1	17
1953	0	0	1	0	2	9	0	2	0	0	0	1	15
1954	2	0	1	1	1	3	1	4	0	1	0	1	15
1955	0	1	0	2	0	4	1	0	0	0	0	1	9
1956	1	3	0	0	0	1	2	3	0	1	0	0	11
1957	1	0	0	2	3	3	0	0	0	0	1	0	10
1958	0	0	0	0	3	2	2	2	1	0	0	0	10
1959	0	0	1	0	1	0	2	1	0	1	0	2	8
1960	0	0	0	0	0	2	1	0	1	1	0	1	6
1961	0	0	1	2	3	2	0	2	1	0	0	0	11
YELLOW BOTH SEXES													
1950	5	0	1	3	9	19	11	23	25	24	9	3	132
1951	2	1	0	3	13	8	7	18	37	30	13	3	135
1952	0	0	0	6	9	15	14	14	21	19	18	5	121
1953	1	0	1	8	8	17	5	16	28	30	16	5	135
1954	2	3	1	4	3	7	9	11	19	18	13	2	92
1955	2	2	0	5	4	10	10	12	16	19	10	3	93
1956	4	4	0	3	6	8	9	11	19	19	13	1	97
1957	1	0	0	5	3	8	5	13	8	21	19	2	85
1958	1	0	0	1	6	7	4	9	13	16	20	4	81
1959	1	0	1	0	5	7	5	13	7	16	14	2	71
1960	0	0	0	0	1	8	4	5	9	14	19	1	61
1961	1	0	1	2	6	3	4	6	6	11	14	1	55

N.S. = Age not stated.

Note: All other races and those whose race was not known are included in totals for All Ethnic Groups.

NEW CASES OF ACTIVE TUBERCULOSIS, BY SEX AND AGE, NEW YORK CITY
Quinquennial Periods, 1951-55, 1956-60

Age:	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-44	45-54	55-64	65+	All Ages*
MALE NEW CASES												
1951-55 ..	1044	476	237	649	1443	1798	1679	3483	4452	3633	2717	22122
1956-60 ..	781	419	187	422	889	1094	1376	2974	3450	3273	2823	17980
Change ...	-263 25%	-57 12%	-50 21%	-227 35%	-554 38%	-704 39%	-303 18%	-509 15%	-1002 23%	-360 10%	+106 4%	-4142 19%

MALE NEW CASE RATES†												
1951-55 ..	62.6	30.0	16.8	58.6	130.7	130.6	120.3	124.8	162.4	170.6	165.8	116.7
1956-60 ..	47.2	26.6	13.3	38.4	81.3	80.2	99.4	107.5	127.1	155.0	173.9	95.7
Change ...	-15.4 25%	-3.4 11%	-3.5 21%	-20.2 34%	-49.4 38%	-50.4 39%	-20.9 17%	-17.3 14%	-35.3 22%	-15.6 9%	+8.1 5%	-21.0 18%

FEMALE NEW CASES												
1951-55 ..	906	468	335	871	1762	2027	1498	2059	1181	715	763	12888
1956-60 ..	711	359	253	609	947	1123	1122	1596	1070	617	782	9379
Change ...	-195 22%	-109 23%	-82 24%	-262 30%	-815 46%	-904 45%	-376 25%	-463 22%	-111 9%	-98 14%	+19 2%	-3509 27%

FEMALE NEW CASE RATES†												
1951-55 ..	56.5	30.4	24.3	75.2	133.7	136.6	97.0	64.2	40.5	32.5	39.4	63.6
1956-60 ..	44.5	23.4	18.4	52.8	72.1	76.0	72.9	49.9	36.9	28.2	40.7	46.4
Change ...	-12.0 21%	-7.0 23%	-5.9 24%	-22.4 30%	-61.6 46%	-60.6 44%	-24.1 25%	-14.3 22%	-3.6 9%	-4.3 13%	+1.3 3%	-17.2 27%

†Per 100,000 population. *Included in totals are a few patients whose age is not stated.

Note: Remembering that tuberculosis, as it retreats, holds on tenaciously among elderly people and that many of these acquired their disease in early life, the striking diminution of new cases in the present generation of young people portends a further decline of the occurrence of advanced chronic disease among these cohorts as they move into their late decades.

TUBERCULOSIS REGISTER

THE New York City Department of Health, in its Bureau of Tuberculosis, maintains a central tuberculosis register of current information on persons with active disease providing data as to the location of patients, status of their condition, type of care or supervision, etc. This well organized register serves the public health authorities as an important instrument in the administration of their broad tuberculosis control program. In addition to the active case the Bureau has a roster of names of former patients whose disease has been arrested or is inactive. The total roster of active and inactive cases is composed of around 90,000 names. According to the New York City Health Code cases of tuberculosis must be reported to the Department of Health in writing within 24 hours after a diagnosis is made.(†)

Statistics based on the Register for 1961 have been modified to take into account a physical inventory of the records for each Health Center District. The physical inventory has shown that the IBM Tuberculosis Register included a substantial number of persons who were not under active supervision. The discrepancy was due to the fact that IBM cards were not always submitted when cases were removed from the local registers. This is the major reason for the discontinuation of the IBM Tuberculosis Register. The Bureau of Tuberculosis reports that all future tuberculosis census data will be based on direct tabulation and will be comparable with the figures for 1961. Consequently only selected 1961 data based on the Health District Registers are included in this report. Series for earlier years are included but any comparisons with 1961 statistics should take into account the basic adjustment noted above. (Ref.a)

On December 31, 1961, there were 6,842 persons with active tuberculosis on the tuberculosis Health District rosters. During the year 4,360 persons with newly diagnosed active disease were reported for the first time and hundreds of "old cases" were resumed for additional care and supervision.

Of the 6,842 known active cases, 48 percent (3,314) were residents of the Borough of Manhattan, 25 percent (1,723) of Brooklyn, 15 percent (990) of the Bronx, 11 percent (752) of Queens and one percent (63) of Richmond.

(†)Article 11, Section 11.03, New York City Health Code, 1959. In 1893 a basic plan was prepared for the control of tuberculosis and policies established for free sputum examinations, compulsory reporting and registration of cases by public institutions (and request of reporting from private practitioners), official supervision of isolation, terminal disinfection, provision of hospital facilities and instruction of the public in regard to the care of the disease. This plan was adopted by the Board of Health on December 13, 1893, and further elaborated February 13, 1894. In addition to the 1894 requirement concerning institutions, reporting of tuberculosis in 1897 was required of all medical practitioners by the Sanitary Code. The New York City Health Code (Enacted by The Board of Health of the City of New York on March 23, 1959) is a major revision of the Sanitary Code last revised in this way in 1914.

TUBERCULOSIS REGISTER, ACTIVE CASES, NEW YORK CITY, 1946-1961

Year	Cases in Register Jan.1	New Cases during Year	Old Cases Re-summed	Total Cases during Year	Cases Removed during Year†	Remaining in Register Dec.31
1946	17,614	7,123	1,441	26,178	8,727	17,451
1947	17,451	7,599	1,560	26,610	8,821	17,789
1948	17,789	8,306	1,874	27,969	9,449	18,520
1949	18,520	8,567	2,081	29,168	9,092	20,076
1950	20,076	7,717	2,224	30,017	10,958	19,059
1951	19,059	7,583	1,893	28,535	9,547	18,988
1952	18,988	7,282	1,870	28,140	9,854	18,286
1953	18,286	7,349	2,171	27,806	9,545	18,261
1954	18,261	6,582	2,088	26,931	10,949	15,982
1955†.....	15,982	6,214	2,025	24,221	10,379	13,842
1956	13,842	6,137	1,798	21,777	9,045	12,732
1957	12,732	6,117	1,867	20,716	9,352	11,364
1958	11,364	5,482	1,901	18,747	8,594	10,153
1959	10,153	4,924	1,832	16,909	7,639	9,270
1960	9,270 ✓	4,699 ✓	1,238 ^x	15,207	6,518	8,689 ✓
1961†.....	8,689	4,360	(...)	(...)	(...)	6,842

†"Physical inventory" of register completed in 1955 and in 1961. See page 28 re. 1961 data. ^xPrior to 1960 the numbers shown included cases resumed due to reactivation of disease as well as some which were resumed for purely administrative reasons; the figure for 1960 shows only the number which was resumed due to reactivated disease. †Because of death, leaving city, recovery, and physical inventory of Register. (...)=Not available for 1961.



UPDATING information in a portion of the central tuberculosis register.