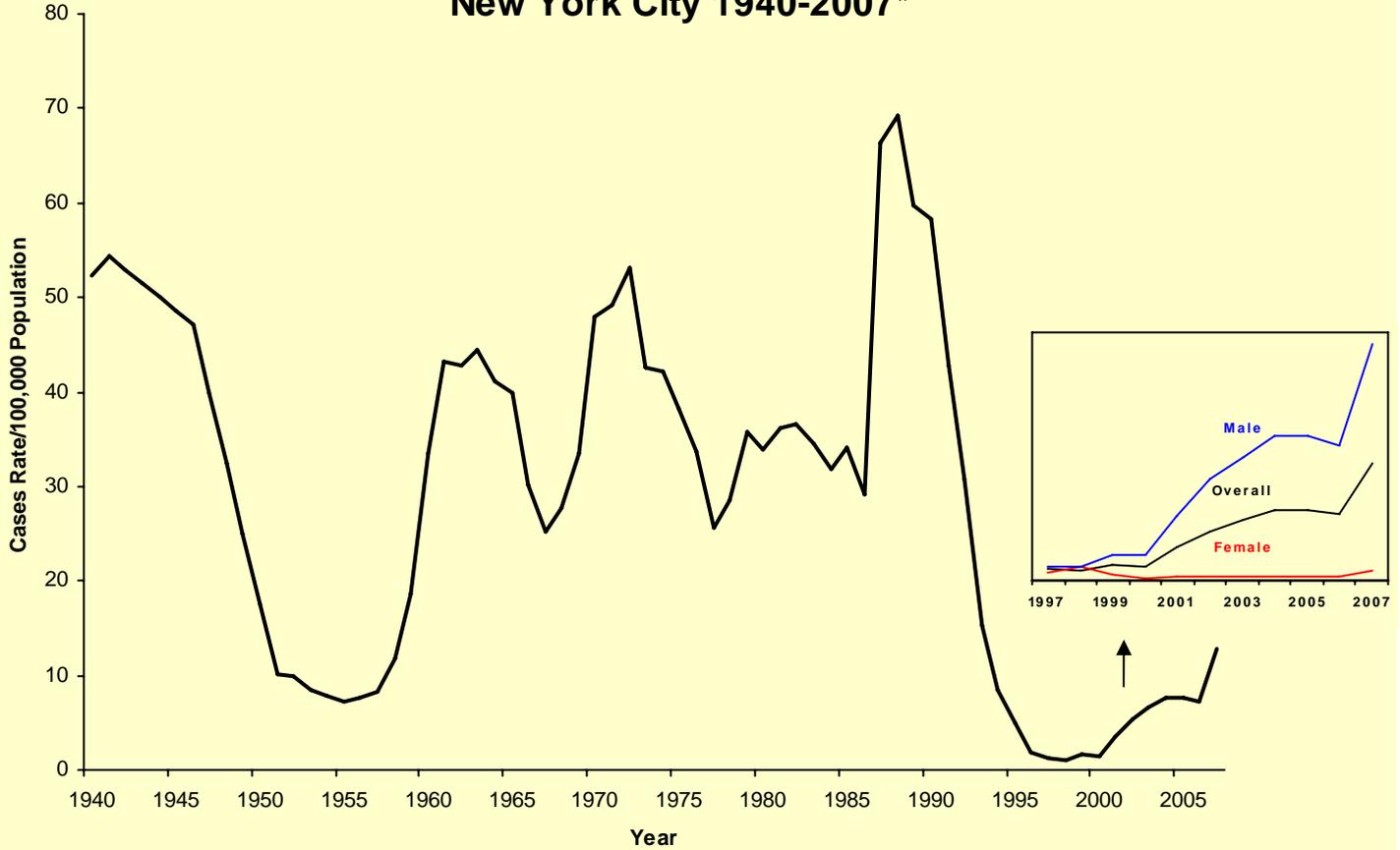


Report Primary and Secondary (P&S) Syphilis
New York City 1940-2007*



*Reported cases include males, females, and cases with unknown sex; 2007 rate based on preliminary 2007 data which have been annualized.

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Article 11 of the New York City Health Code requires that physicians and laboratories report positive findings for the following diseases to the Bureau of STD Control:

- **Chlamydia** (*Chlamydia trachomatis*)
- **Gonorrhea** (*Neisseria gonorrhoeae*)
- **Syphilis** (*Treponema pallidum*)
- **Chancroid** (*Haemophilus ducreyi*)
- **Granuloma inguinal**
(*Calymmatobacterium granulomatis*)
- **Lymphogranuloma venereum/LGV**
(*Chlamydia trachomatis* L1, L2, L3)
- **Non-gonococcal urethritis (NGU)**

Table 1. Cumulative cases of sexually transmitted diseases reported to the New York City Department of Health and Mental Hygiene (NYC DOHMH) Bureau of STD Control (BSTDC) through 1st quarter 2007 (January 01 - March 31, 2007) and 1st quarter 2006 (January 01 - March 31, 2006), and case rate per 100,000 population for full year 2006.

	2007 through 1 st Quarter*	2006 through 1 st Quarter	2006 Full Year	
	N	N	N	Case Rate/100,000
Chlamydia¹	11790	10417	41236	514.92
Female	7980	7015	28288	671.27
Male	3806	3401	12945	341.18
Non-Gonococcal Urethritis				
Male	1942	1726	7294	192.24
Gonorrhea¹	2666	2587	10299	128.60
Female	1166	1173	4566	108.35
Male	1499	1414	5731	151.05
P&S Syphilis¹	256	128	578	7.22
Female	12	3	18	0.43
Male	244	125	560	14.76
Early Latent Syphilis¹	253	258	901	11.25
Female	50	70	199	4.72
Male	203	188	702	18.50
Late latent Syphilis^{1,2}	603	559	2240	27.97
Female	205	225	840	19.93
Male	398	334	1400	36.90
Neurosyphilis^{1,3}	25	3	28	0.35
Female	7	1	3	0.07
Male	18	2	25	0.66
Tertiary Syphilis¹	1	0	0	0.00
Female	0	0	0	0.00
Male	1	0	0	0.00
Congenital Syphilis¹	1	0	14	0.12 /1,000 live births
Chancroid	0	3	4	0.05
Female	0	1	2	0.05
Male	0	2	2	0.05
Granuloma Inguinale	0	0	0	0.00
Female	0	0	0	0.00
Male	0	0	0	0.00
Lymphogranuloma Venereum	11	2	14	0.17
Female	1	0	2	0.05
Male	10	2	12	0.32

* Preliminary data.

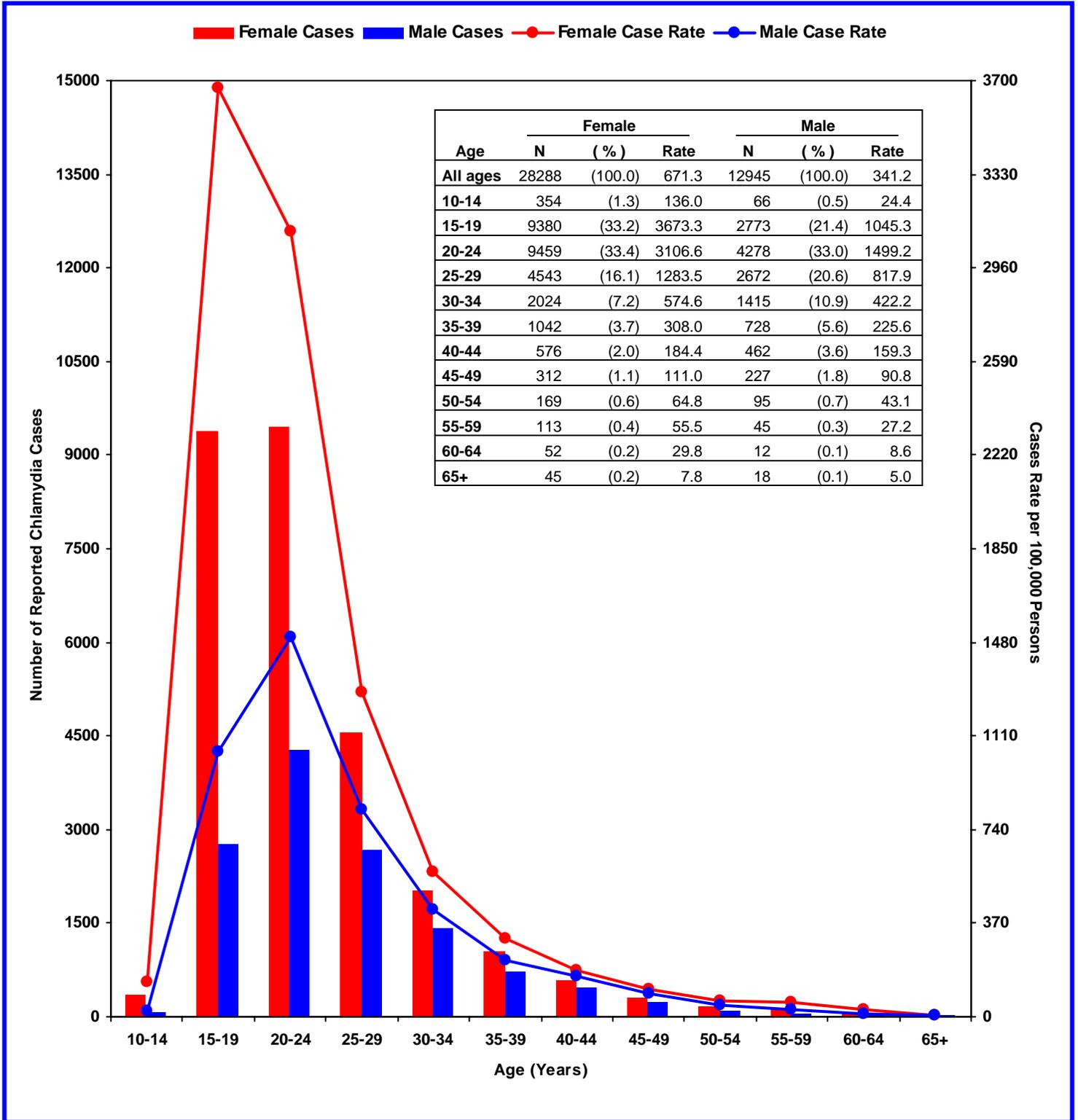
¹ Total case numbers and case rates includes cases with unknown sex in addition to males and females

² Includes the 'Latent syphilis of unknown duration' category; N=78 (1st quarter 2007); 56 (1st quarter 2006); 248 (full year 2006).

NOTE: Beginning in 2005, NYC adopted the Centers for Disease Control and Prevention surveillance case definitions. A category of late latent syphilis previously defined as a syphilis treponemal titer $\geq 1:32$ among persons aged 13-45 was redefined as a syphilis treponemal titer $\geq 1:32$ among persons ages 13-35.

³ In 2005, CDC changed the requirements for how neurosyphilis should be reported from local and state health departments. Prior to 2005, a diagnosis of neurosyphilis could not be given in conjunction with another syphilis diagnosis (ie. neurosyphilis was a 'stand-alone' diagnosis). Beginning in 2005, syphilis of all stages is classified with respect to the presence or absence of neurologic involvement. Neurosyphilis cases reported in 2005, therefore, are a subset of syphilis cases of all stages.

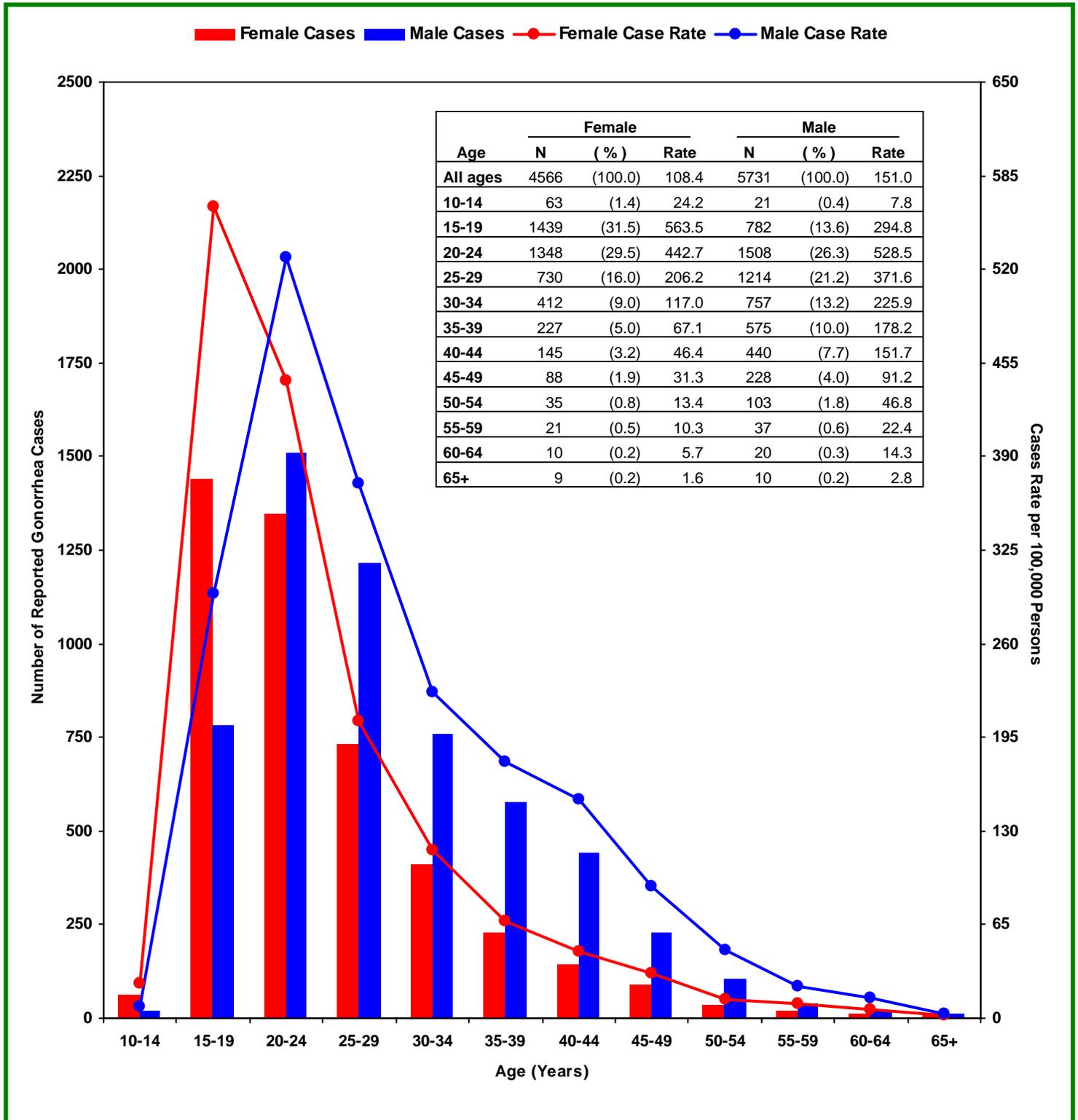
Figure 1a. Chlamydia reported to the NYC DOHMH. Case rates (per 100,000 population) by age and sex*, full year 2006.



*Excludes persons reported without information on sex or age.

Note: Because the majority of Chlamydia trachomatis infections are asymptomatic, differences in reported chlamydia case numbers and case rates by sex may be explained by the fact that females are more commonly screened than males.

Figure 1b. Gonorrhea reported to the NYC DOHMH. Case rates (per 100,000 population) by age and sex*, full year 2006.



*Excludes persons reported without information on sex or age.

Note: Gonorrhea infection detected at more than one anatomic site from the same person at the same time is counted as a single case of gonorrhea.

Table 2. *Chlamydia trachomatis* infections among 15-19 and 20-24 year old persons, full year 2006, reported to the NYC DOHMH. Case numbers and case rates (per 100,000 population) by sex, age group¹, and neighborhood².

	Citywide <i>Chlamydia trachomatis</i>											
	Female						Male					
	15-19 years old			20-24 years old			15-19 years old			20-24 years old		
	N	Rate	Rank ³	N	Rate	Rank ³	N	Rate	Rank ³	N	Rate	Rank ³
BRONX	2640	5290		2305	4365		792	1570		1281	2794	
Crotona	528	6331	4	406	4666	9	116	1403	8	149	2069	9
Fordham	443	4586	12	472	4170	11	118	1230	13	126	1281	17
Kingsbridge	59	2270	23	63	2126	20	11	411	28	20	770	25
Morrisania	525	6528	3	412	5185	5	162	2032	4	133	2009	10
Mott Haven	285	5289	8	251	4766	8	75	1353	9	104	2209	8
Northeast Bronx	321	5048	9	327	5299	4	90	1443	7	123	2331	6
Pelham	375	3941	16	324	3103	18	177	1746	5	592	6165	1
Unknown Neighborhood	104			50			43			34		
BROOKLYN	3189	3669		3512	3725		710	786		1210	1360	
Bensonhurst	23	483	41	54	927	36	5	97	38	20	334	36
Borough Park	58	510	40	108	952	35	6	48	41	31	257	39
Canarsie	279	3955	15	274	4138	12	71	994	18	113	1846	12
Coney Island	161	1870	26	151	1722	26	25	265	32	45	506	28
Crown Heights	783	6094	6	861	6386	1	185	1454	6	279	2577	4
Downtown Heights	187	3460	18	170	1954	23	44	782	21	75	903	23
East Flatbush	600	4762	11	740	5703	3	140	1122	15	277	2462	5
East New York	468	6164	5	438	5888	2	98	1301	11	141	2249	7
Greenpoint	47	1033	35	92	1688	27	11	222	35	25	445	31
Sunset Park	56	1389	32	81	1620	28	8	175	36	23	416	32
Williamsburg	390	4821	10	426	4921	7	89	1092	16	141	1749	14
Unknown Neighborhood	137			117			28			40		
MANHATTAN	1761	4648		1714	2628		474	1290		813	1482	
Central Harlem	376	6919	2	329	5031	6	127	2243	3	171	3034	3
Chelsea	70	3550	17	90	1753	25	19	1231	12	36	929	22
East Harlem	227	5825	7	189	4310	10	59	1326	10	94	1972	11
Gramercy Park	22	1418	31	43	634	40	3	279	30	15	352	34
Greenwich Village	134	10815	1	109	2763	19	61	5105	1	151	4704	2
Lower Manhattan	14	1693	28	26	1477	29	3	450	27	6	332	37
Union Square	127	2044	25	136	1441	30	28	474	26	57	687	26
Upper East Side	31	1110	34	56	737	39	14	593	24	23	465	29
Upper West Side	94	2105	24	109	1301	32	40	1045	17	58	943	20
Washington Heights	422	4447	13	412	3659	14	86	855	19	144	1207	18
Unknown Neighborhood	244			215			34			58		
QUEENS	1561	2345		1720	2182		749	1032		899	1095	
Astoria	95	1726	27	111	1181	33	14	231	33	36	368	33
Bayside	16	669	38	13	582	41	0	0	42	5	223	41
Flushing	36	547	39	61	781	38	6	86	39	19	251	40
Forest Hills	69	1120	33	78	1023	34	15	229	34	19	258	38
Fresh Meadows	26	969	36	42	1395	31	8	272	31	16	560	27
Jamaica	442	4344	14	429	4013	13	119	1144	14	167	1707	15
Rockaway	122	3424	19	124	3470	15	31	814	20	38	1165	19
Southeast Queens	233	3355	20	226	3430	17	53	779	22	96	1539	16
Southwest Queens	149	1680	30	197	2002	22	27	285	29	45	462	30
West Queens	231	1687	29	341	1888	24	445	2622	2	418	1801	13
Unknown Neighborhood	142			98			31			40		
STATEN ISLAND	229	1626		208	1559		48	316		75	551	
Port Richmond	75	3311	21	69	3448	16	14	567	25	18	881	24
South Beach	23	429	42	29	567	42	3	50	40	7	133	42
Stapleton	94	2442	22	79	2109	21	26	642	23	35	931	21
Willowbrook	19	728	37	23	927	36	3	111	37	9	351	35
Unknown Neighborhood	18			8			2			6		
TOTAL NYC	9380	3673		9459	3107		2773	1045		4278	1499	

¹ Does not include cases with unknown sex or age;² Neighborhoods defined by United Hospital Fund (UHF) definitions of NYC neighborhoods, which are specified by zip codes. For a complete listing of UHF neighborhoods and their zip codes, go to nyc.gov/health.³ Neighborhoods ranked from highest case rate (1) to lowest case rate (42).

NOTE: Neighborhood of residence is assigned to each case using patient zip code of residence; in the event that patient zip code is unknown, the zip code of the provider who ordered the laboratory test is used. This procedure will have little impact on case rates by neighborhood unless a provider or health care facility performing a high volume of STD testing fails to report patient zip code, with the result that numerous cases of STD are attributed to the neighborhood of the provider rather than that of the patient.

Table 2. *Neisseria gonorrhoeae* infections among 15-19 and 20-24 year old persons, full year 2006, reported to the NYC DOHMH. Case numbers and case rates (per 100,000 population) by sex, age group¹, and neighborhood².

	Citywide <i>Neisseria gonorrhoeae</i>											
	Female						Male					
	15-19 years old			20-24 years old			15-19 years old			20-24 years old		
	N	Rate	Rank ³	N	Rate	Rank ³	N	Rate	Rank ³	N	Rate	Rank ³
BRONX	337	675		293	555		195	387		331	722	
Crotona	77	923	6	53	609	10	37	448	9	56	778	14
Fordham	50	518	19	53	468	14	22	229	21	32	325	20
Kingsbridge	7	269	25	6	202	29	5	187	23	4	154	31
Morrisania	72	895	7	46	579	12	38	477	5	63	952	6
Mott Haven	37	687	12	35	665	8	26	469	6	35	743	16
Northeast Bronx	43	676	13	47	762	6	24	385	12	44	834	12
Pelham	40	420	21	46	441	16	31	306	16	87	906	9
Unknown Neighborhood	11			7			12			10		
BROOKLYN	594	683		588	624		311	344		549	617	
Bensonhurst	3	63	39	3	51	40	3	58	31	4	67	39
Borough Park	8	70	37	14	123	34	6	48	33	13	108	35
Canarsie	43	610	15	39	589	11	22	308	15	55	898	10
Coney Island	24	279	24	23	262	24	4	42	34	14	157	30
Crown Heights	170	1323	1	164	1216	2	87	684	3	136	1256	2
Downtown Heights	32	592	17	29	333	19	14	249	20	27	325	20
East Flatbush	110	873	8	109	840	4	55	441	10	103	915	8
East New York	98	1291	2	92	1237	1	47	624	4	48	766	15
Greenpoint	9	198	31	15	275	21	2	40	36	11	196	27
Sunset Park	1	25	42	0	0	42	3	66	30	4	72	38
Williamsburg	67	828	9	76	878	3	35	430	11	79	980	4
Unknown Neighborhood	29			24			33			55		
MANHATTAN	228	602		205	314		129	351		335	611	
Central Harlem	65	1196	3	51	780	5	39	689	2	77	1366	1
Chelsea	13	659	14	12	234	26	7	454	7	36	929	7
East Harlem	37	949	5	23	525	13	20	449	8	41	860	11
Gramercy Park	4	258	26	8	118	35	1	93	29	5	117	33
Greenwich Village	14	1130	4	9	228	27	13	1088	1	31	966	5
Lower Manhattan	1	121	35	6	341	18	2	300	17	3	166	28
Union Square	14	225	29	17	180	31	6	102	28	21	253	24
Upper East Side	6	215	30	6	79	38	3	127	26	17	344	19
Upper West Side	15	336	23	18	215	28	10	261	19	19	309	23
Washington Heights	35	369	22	36	320	20	15	149	25	54	453	18
Unknown Neighborhood	24			19			13			31		
QUEENS	239	359		232	294		135	186		280	341	
Astoria	14	254	27	17	181	30	3	49	32	24	245	25
Bayside	1	42	40	1	45	41	0	0	40	0	0	41
Flushing	5	76	36	9	115	36	0	0	40	4	53	40
Forest Hills	4	65	38	6	79	38	1	15	39	8	109	34
Fresh Meadows	5	186	33	8	266	22	1	34	37	3	105	36
Jamaica	82	806	10	69	645	9	34	327	14	80	818	13
Rockaway	25	702	11	25	699	7	10	263	18	32	981	3
Southeast Queens	42	605	16	28	425	17	12	176	24	32	513	17
Southwest Queens	20	226	28	26	264	23	4	42	34	14	144	32
West Queens	27	197	32	32	177	32	64	377	13	75	323	22
Unknown Neighborhood	14			11			6			8		
STATEN ISLAND	41	291		30	225		12	79		13	95	
Port Richmond	12	530	18	9	450	15	3	122	27	5	245	25
South Beach	2	37	41	8	156	33	1	17	38	0	0	41
Stapleton	17	442	20	9	240	25	8	198	22	6	160	29
Willowbrook	4	153	34	2	81	37	0	0	40	2	78	37
Unknown Neighborhood	6			2			0			0		
TOTAL NYC	1439	564		1348	443		782	295		1508	528	

¹ Does not include cases with unknown sex or age;² Neighborhoods defined by United Hospital Fund (UHF) definitions of NYC neighborhoods, which are specified by zip codes. For a complete listing of UHF neighborhoods and their zip codes, go to nyc.gov/health.³ Neighborhoods ranked from highest case rate (1) to lowest case rate (42).

NOTE: Neighborhood of residence is assigned to each case using patient zip code of residence; in the event that patient zip code is unknown, the zip code of the provider who ordered the laboratory test is used. This procedure will have little impact on case rates by neighborhood unless a provider or health care facility performing a high volume of STD testing fails to report patient zip code, with the result that numerous cases of STD are attributed to the neighborhood of the provider rather than that of the patient.

Figure 2a. Chlamydia among persons aged 15-24 years reported to the NYC DOHMH. Case rates (per 100,000 population) by sex, 1999 through 2007*.

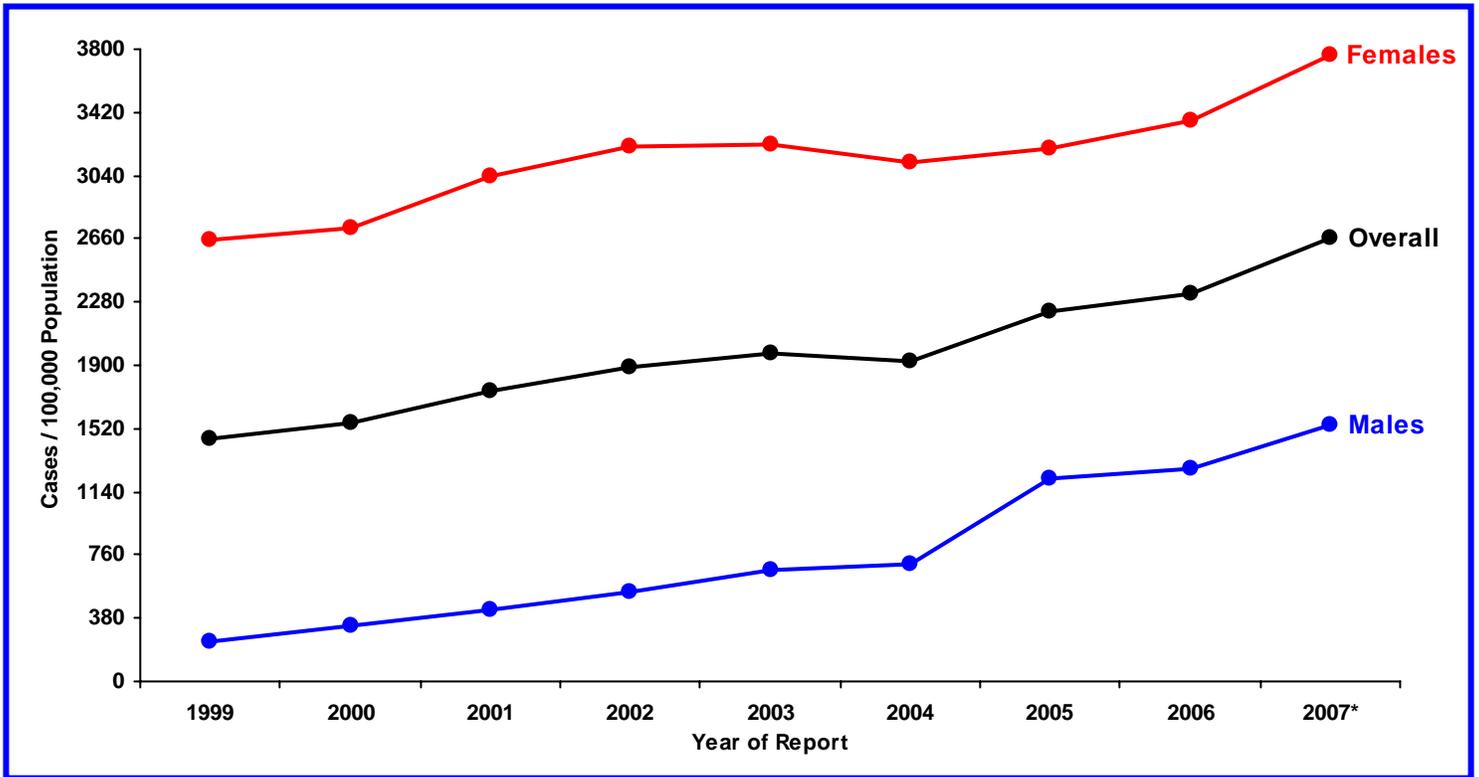
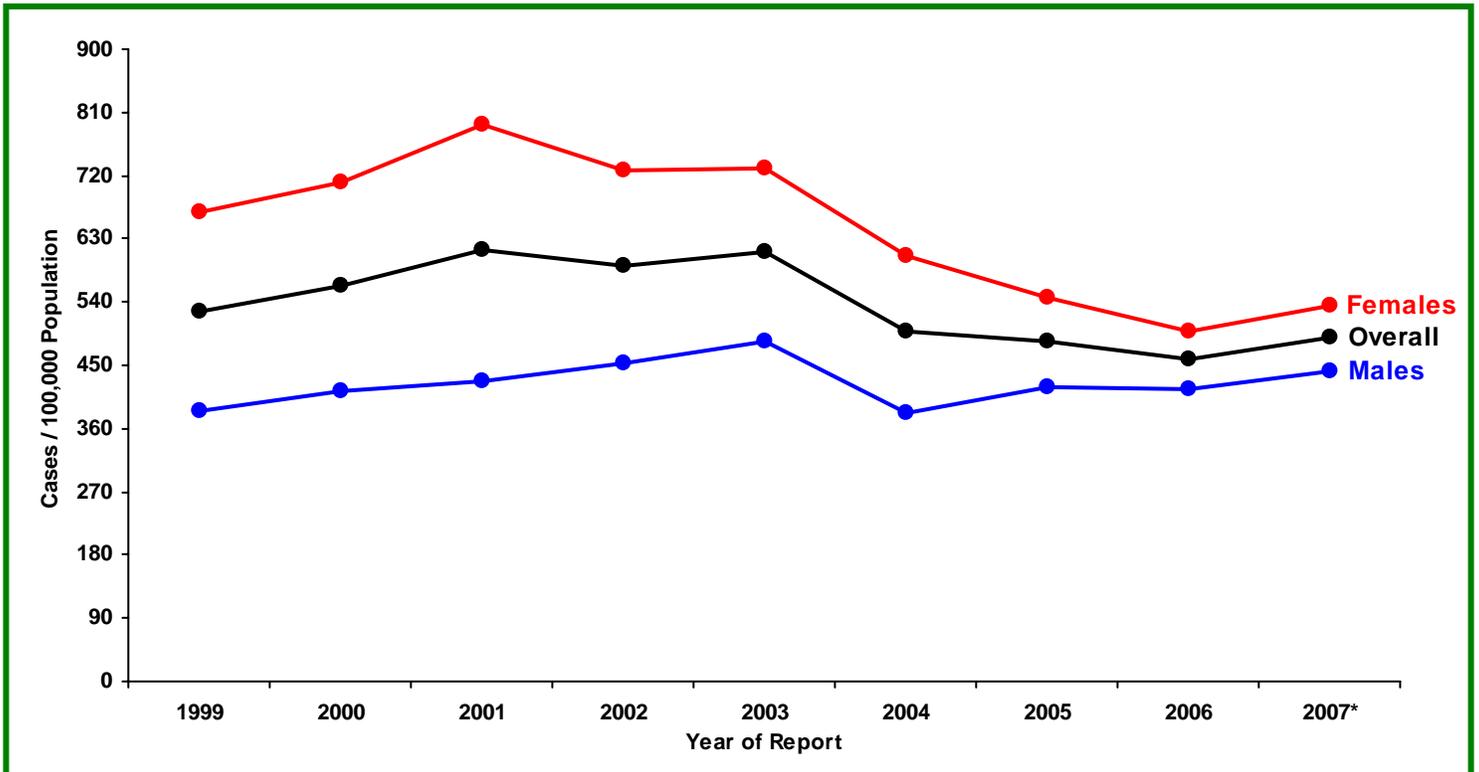


Figure 2b. Gonorrhea among persons aged 15-24 years reported to the NYC DOHMH. Case rates (per 100,000 population) by sex, 1999 through 2007*.



* 2007 rate based on preliminary data which have been annualized.

Table 4.1. Chlamydia positivity for 15-19 year old persons attending NYC DOHMH BSTDC clinics. Positivity rates* by clinic site and sex, for 1st quarter 2007 (January 01 - March 31, 2007), compared to 1st quarter 2006 (January 01 - March 31, 2006) and full year 2006 (January 01 - December 31, 2006).

Chlamydia cases, 15-19 years old, BSTDC Clinics

	2007 through 1 st Quarter			2006 through 1 st Quarter			2006 Full Year		
	Test	Positive tests		Test	Positive tests		Test	Positive tests	
	N	N	(%)	N	N	(%)	N	N	(%)
Central Harlem	206	36	(17)	226	45	(20)	809	138	(17)
Female	148	23	(16)	154	27	(18)	560	92	(16)
Male	58	13	(22)	72	18	(25)	248	46	(19)
Chelsea	215	16	(7)	178	25	(14)	702	77	(11)
Female	115	11	(10)	97	14	(14)	421	49	(12)
Male	100	5	(5)	81	11	(14)	279	27	(10)
Corona	85	11	(13)	58	8	(14)	241	33	(14)
Female	53	7	(13)	34	7	(21)	134	20	(15)
Male	32	4	(13)	24	1	(4)	107	13	(12)
Crown Heights	204	46	(23)	144	33	(23)	598	131	(22)
Female	123	30	(24)	85	19	(22)	381	78	(20)
Male	80	16	(20)	59	14	(24)	216	53	(25)
East Harlem	70	13	(19)	60	14	(23)	257	43	(17)
Female	45	8	(18)	33	6	(18)	152	24	(16)
Male	25	5	(20)	27	8	(30)	105	19	(18)
Fort Greene	475	95	(20)	340	84	(25)	1574	319	(20)
Female	313	57	(18)	215	47	(22)	1001	194	(19)
Male	162	38	(23)	124	37	(30)	570	125	(22)
Jamaica	574	106	(18)	434	83	(19)	1840	331	(18)
Female	408	77	(19)	280	51	(18)	1269	226	(18)
Male	166	29	(17)	154	32	(21)	570	105	(18)
Morrisania	394	72	(18)	285	64	(22)	1327	284	(21)
Female	251	40	(16)	206	47	(23)	863	184	(21)
Male	143	32	(22)	78	17	(22)	460	99	(22)
Richmond	29	2	(7)	22	2	(9)	75	13	(17)
Female	12	0	(0)	18	1	(6)	46	8	(17)
Male	17	2	(12)	4	1	(25)	27	5	(19)
Riverside	164	23	(14)	127	18	(14)	576	104	(18)
Female	99	10	(10)	78	9	(12)	369	68	(18)
Male	65	13	(20)	49	9	(18)	207	36	(17)
Overall	2416	420	(17)	1874	376	(20)	7999	1473	(18)
Female	1567	263	(17)	1200	228	(19)	5196	943	(18)
Male	848	157	(19)	672	148	(22)	2789	528	(19)

* Chlamydia tests performed by nucleic acid amplification tests (NAAT) on male urine or urethral specimens, and female endocervical or urine specimens. Positivity calculated using number of positive NAAT tests as the numerator and number of NAAT tests performed as the denominator.

Table 4.2. Chlamydia positivity for 20-24 year old persons attending NYC DOHMH BSTDC clinics. Positivity rates* by clinic site and sex, for 1st quarter 2007 (January 01 - March 31, 2007), compared to 1st quarter 2006 (January 01 - March 31, 2006) and full year 2006 (January 01 - December 31, 2006).

Chlamydia cases, 20-24 years old, BSTDC Clinics

	2007 through 1 st Quarter			2006 through 1 st Quarter			2006 Full Year		
	Test	Positive tests		Test	Positive tests		Test	Positive tests	
	N	N	(%)	N	N	(%)	N	N	(%)
Central Harlem	536	61	(11)	460	69	(15)	1792	244	(14)
Female	292	27	(9)	235	23	(10)	968	101	(10)
Male	244	34	(14)	224	45	(20)	819	141	(17)
Chelsea	862	70	(8)	713	68	(10)	3109	265	(9)
Female	361	29	(8)	286	26	(9)	1304	100	(8)
Male	501	41	(8)	427	42	(10)	1804	165	(9)
Corona	221	33	(15)	109	18	(17)	592	72	(12)
Female	85	9	(11)	50	8	(16)	264	34	(13)
Male	136	24	(18)	59	10	(17)	327	38	(12)
Crown Heights	331	51	(15)	284	57	(20)	1228	188	(15)
Female	149	16	(11)	139	21	(15)	588	66	(11)
Male	182	35	(19)	145	36	(25)	640	122	(19)
East Harlem	149	22	(15)	140	13	(9)	735	94	(13)
Female	74	7	(9)	62	5	(8)	338	28	(8)
Male	75	15	(20)	78	8	(10)	394	66	(17)
Fort Greene	887	126	(14)	742	131	(18)	3265	520	(16)
Female	416	45	(11)	327	40	(12)	1548	183	(12)
Male	471	81	(17)	415	91	(22)	1716	336	(20)
Jamaica	845	131	(16)	715	122	(17)	3127	455	(15)
Female	392	52	(13)	324	53	(16)	1491	175	(12)
Male	451	79	(18)	391	69	(18)	1635	280	(17)
Morrisania	822	132	(16)	660	116	(18)	2819	483	(17)
Female	383	42	(11)	292	35	(12)	1396	165	(12)
Male	439	90	(21)	368	81	(22)	1413	318	(23)
Richmond	65	6	(9)	59	11	(19)	232	35	(15)
Female	16	2	(13)	25	4	(16)	105	10	(10)
Male	49	4	(8)	34	7	(21)	126	24	(19)
Riverside	446	45	(10)	424	35	(8)	1810	166	(9)
Female	222	17	(8)	186	10	(5)	853	69	(8)
Male	221	27	(12)	237	25	(11)	956	97	(10)
Overall	5164	677	(13)	4306	640	(15)	18709	2522	(13)
Female	2390	246	(10)	1926	225	(12)	8855	931	(11)
Male	2769	430	(16)	2378	414	(17)	9830	1587	(16)

* Chlamydia tests performed by nucleic acid amplification tests (NAAT) on male urine or urethral specimens, and female endocervical or urine specimens. Positivity calculated using number of positive NAAT tests as the numerator and number of NAAT tests performed as the denominator.

Table 5.1. Gonorrhea positivity for 15-19 year old persons attending NYC DOHMH BSTDC clinics. Positivity rates* by clinic site and sex, for 1st quarter 2007 (January 01 - March 31, 2007), compared to 1st quarter 2006 (January 01 - March 31, 2006) and full year 2006 (January 01 - December 31, 2006).

Gonorrhea cases, 15-19 years old, BSTDC Clinics

	2007 through 1 st Quarter			2006 through 1 st Quarter			2006 Full Year		
	Test	Positive tests		Test	Positive tests		Test	Positive tests	
	N	N	(%)	N	N	(%)	N	N	(%)
Central Harlem	206	10	(5)	226	15	(7)	809	41	(5)
Female	148	4	(3)	154	11	(7)	560	24	(4)
Male	58	6	(10)	72	4	(6)	248	17	(7)
Chelsea	215	2	(1)	178	2	(1)	702	16	(2)
Female	115	1	(1)	97	0	(0)	421	7	(2)
Male	100	1	(1)	81	2	(2)	279	9	(3)
Corona	85	2	(2)	58	1	(2)	241	3	(1)
Female	53	0	(0)	34	1	(3)	134	1	(1)
Male	32	2	(6)	24	0	(0)	107	2	(2)
Crown Heights	204	7	(3)	144	10	(7)	598	36	(6)
Female	123	3	(2)	85	6	(7)	381	15	(4)
Male	80	4	(5)	59	4	(7)	216	21	(10)
East Harlem	70	4	(6)	60	4	(7)	257	11	(4)
Female	45	2	(4)	33	2	(6)	152	5	(3)
Male	25	2	(8)	27	2	(7)	105	6	(6)
Fort Greene	475	29	(6)	340	28	(8)	1574	96	(6)
Female	313	15	(5)	215	12	(6)	1001	49	(5)
Male	162	14	(9)	124	16	(13)	570	47	(8)
Jamaica	574	20	(3)	434	24	(6)	1840	77	(4)
Female	408	16	(4)	280	13	(5)	1269	52	(4)
Male	166	4	(2)	154	11	(7)	570	25	(4)
Morrisania	394	19	(5)	285	14	(5)	1327	60	(5)
Female	251	10	(4)	206	11	(5)	863	37	(4)
Male	143	9	(6)	78	3	(4)	460	23	(5)
Richmond	29	0	(0)	22	0	(0)	75	3	(4)
Female	12	0	(0)	18	0	(0)	46	3	(7)
Male	17	0	(0)	4	0	(0)	27	0	(0)
Riverside	164	5	(3)	127	5	(4)	576	23	(4)
Female	99	0	(0)	78	1	(1)	369	11	(3)
Male	65	5	(8)	49	4	(8)	207	12	(6)
Overall	2416	98	(4)	1874	103	(5)	7999	366	(5)
Female	1567	51	(3)	1200	57	(5)	5196	204	(4)
Male	848	47	(6)	672	46	(7)	2789	162	(6)

* Gonorrhea tests performed by nucleic acid amplification tests (NAAT) on male urine or urethral specimens, and female endocervical or urine specimens. Positivity calculated using number of positive NAAT tests as the numerator and number of NAAT tests performed as the denominator. Gonorrhea culture data are not included in this table.

Table 5.2. Gonorrhea positivity for 20-24 year old persons attending NYC DOHMH BSTDC clinics. Positivity rates* by clinic site and sex, for 1st quarter 2007 (January 01 - March 31, 2007), compared to 1st quarter 2006 (January 01 - March 31, 2006) and full year 2006 (January 01 - December 31, 2006).

Gonorrhea cases, 20-24 years old, BSTDC Clinics

	2007 through 1 st Quarter			2006 through 1 st Quarter			2006 Full Year		
	Test	Positive tests		Test	Positive tests		Test	Positive tests	
	N	N	(%)	N	N	(%)	N	N	(%)
Central Harlem	536	28	(5)	460	23	(5)	1792	86	(5)
Female	292	5	(2)	235	7	(3)	968	26	(3)
Male	244	23	(9)	224	16	(7)	819	60	(7)
Chelsea	862	28	(3)	713	27	(4)	3109	105	(3)
Female	361	5	(1)	286	1	(0)	1304	14	(1)
Male	501	23	(5)	427	26	(6)	1804	91	(5)
Corona	221	4	(2)	109	1	(1)	592	5	(1)
Female	85	2	(2)	50	1	(2)	264	4	(2)
Male	136	2	(1)	59	0	(0)	327	1	(0)
Crown Heights	331	22	(7)	284	20	(7)	1228	79	(6)
Female	149	6	(4)	139	6	(4)	588	25	(4)
Male	182	16	(9)	145	14	(10)	640	54	(8)
East Harlem	149	6	(4)	140	5	(4)	735	27	(4)
Female	74	1	(1)	62	1	(2)	338	5	(1)
Male	75	5	(7)	78	4	(5)	394	22	(6)
Fort Greene	887	49	(6)	742	32	(4)	3265	160	(5)
Female	416	13	(3)	327	5	(2)	1548	48	(3)
Male	471	36	(8)	415	27	(7)	1716	112	(7)
Jamaica	845	32	(4)	715	26	(4)	3127	118	(4)
Female	392	10	(3)	324	10	(3)	1491	37	(2)
Male	451	22	(5)	391	16	(4)	1635	81	(5)
Morrisania	822	29	(4)	660	25	(4)	2819	99	(4)
Female	383	12	(3)	292	11	(4)	1396	34	(2)
Male	439	17	(4)	368	14	(4)	1413	65	(5)
Richmond	65	0	(0)	59	3	(5)	232	8	(3)
Female	16	0	(0)	25	1	(4)	105	1	(1)
Male	49	0	(0)	34	2	(6)	126	7	(6)
Riverside	446	11	(2)	424	11	(3)	1810	52	(3)
Female	222	4	(2)	186	0	(0)	853	9	(1)
Male	221	7	(3)	237	11	(5)	956	43	(4)
Overall	5164	209	(4)	4306	173	(4)	18709	739	(4)
Female	2390	58	(2)	1926	43	(2)	8855	203	(2)
Male	2769	151	(5)	2378	130	(5)	9830	536	(5)

* Gonorrhea tests performed by nucleic acid amplification tests (NAAT) on male urine or urethral specimens, and female endocervical or urine specimens. Positivity calculated using number of positive NAAT tests as the numerator and number of NAAT tests performed as the denominator. Gonorrhea culture data are not included in this table.

Table 6. Anonymous and confidential¹ HIV testing performed by rapid and conventional HIV tests at the NYC DOHMH BSTDC clinics. HIV positivity rates for 1st quarter 2007 (January 01 - March 31, 2007), compared to 1st quarter 2006 (January 01 - March 31, 2006) and full year 2006 (January 01 - December 31, 2006).

HIV rapid and conventional tests at BSTDC clinics

	2007 through 1 st Quarter		2006 through 1 st Quarter		2006 Full Year							
	Rapid Tests		Conventional Tests		Rapid Tests		Conventional Tests					
	N	%	N	(% ²)	N	%	N	(% ²)				
Confidential												
Total Tests	12132		651		10552		500		44155		2460	
Returning for Test Result	11547	(95.2)	298	(45.8)	10106	(95.8)	269	(53.8)	41960	(95.0)	1335	(54.3)
Positive Results												
Total Tests	108	(0.9)	14	(2.2)	109	(1.0)	13	(2.6)	401	(0.9)	50	(2.0)
Returning for Test Result	106	(98.1)	6	(42.9)	105	(96.3)	6	(46.2)	388	(96.8)	25	(50.0)
Anonymous												
Total Tests	1972		19		2319		26		9014		129	
Returning for Test Result	1900	(96.3)	5	(26.3)	2209	(95.3)	13	(50.0)	8597	(95.4)	70	(54.3)
Positive Results												
Total Tests	20	(1.0)	1	(5.3)	19	(0.8)	1	(3.8)	96	(1.1)	2	(1.6)
Returning for Test Result	18	(90.0)	1	(100.0)	19	(100.0)	0	(0.0)	92	(95.8)	1	(50.0)
Confidential & Anonymous												
Total Tests	14104		670		12871		526		53169		2589	
Returning for Test Result	13447	(95.3)	303	(45.2)	12315	(95.7)	282	(53.6)	50557	(95.1)	1405	(54.3)
Positive Results												
Total Tests	128	(0.9)	15	(2.2)	128	(1.0)	14	(2.7)	497	(0.9)	52	(2.0)
Returning for Test Result	124	(96.9)	7	(46.7)	124	(96.9)	6	(42.9)	480	(96.6)	26	(50.0)

¹ Anonymous testing uses codes for identification; confidential testing uses patient names.

² The percentage of persons returning for HIV test results with a conventional test may increase with time since testing.

Table 7. Fluoroquinolone-resistant *Neisseria gonorrhoea* isolates reported by BSTDC clinics, 1st quarter 2007 (January 01 - March 31, 2007), compared to 1st quarter 2006 (January 01 - March 31, 2006) and full year 2006 (January 01 - December 31, 2006).

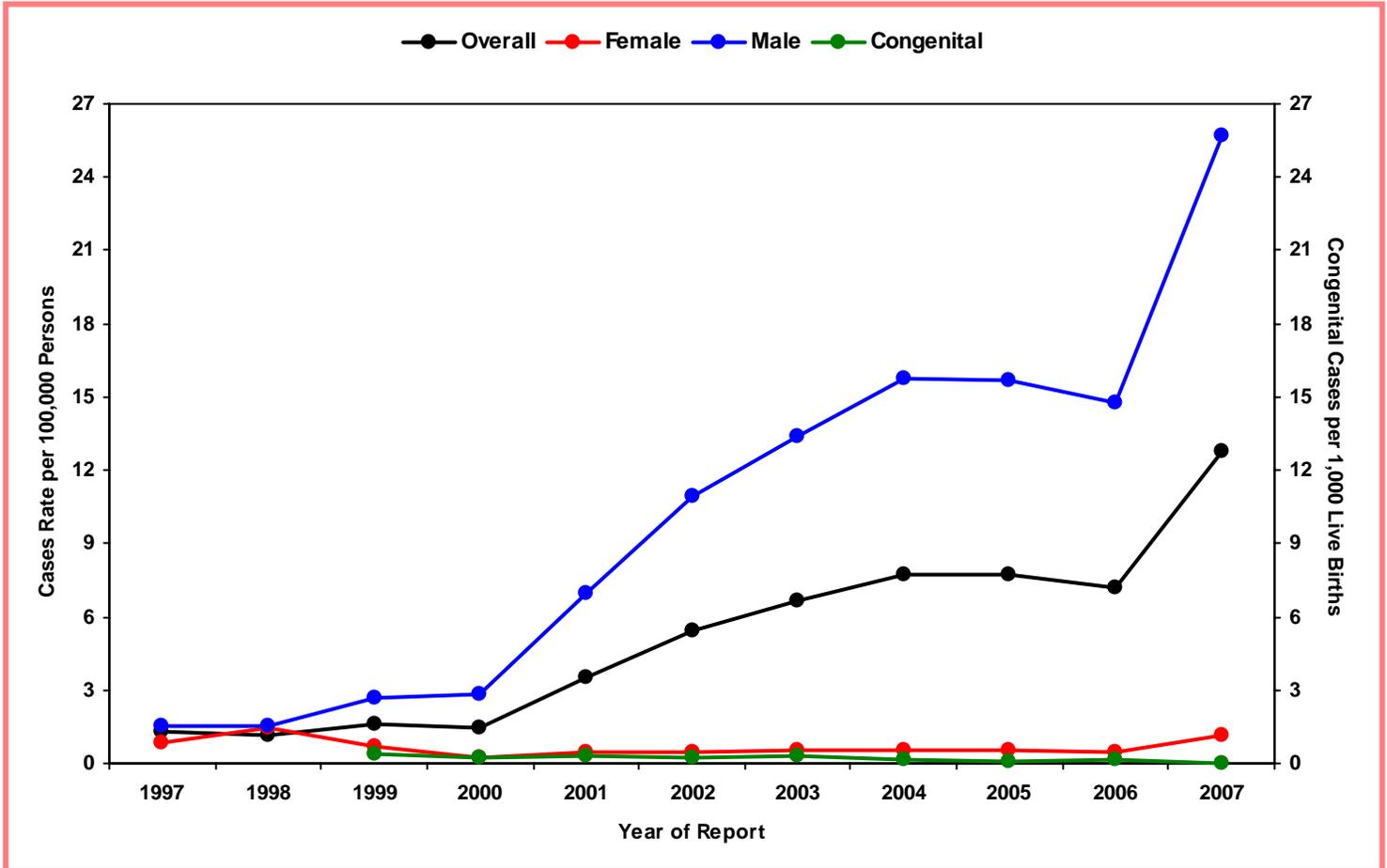
Anatomic Site	2007 through 1 st Quarter			2006 through 1 st Quarter			2006 Full Year		
	Gonorrhea Culture Positive	Ciprofloxin/Ofloxin Resistant	(%*)	Gonorrhea Culture Positive	Ciprofloxin/Ofloxin Resistant	(%*)	Gonorrhea Culture Positive	Ciprofloxin/Ofloxin Resistant	(%*)
Female									
All	21	1	(5)	19	0	(0)	87	1	(1)
Anal	1	0	(0)	1	0	(0)	4	0	(0)
Oral	3	0	(0)	0	0	(0)	3	0	(0)
Endocervical	17	1	(6)	18	0	(0)	80	1	(1)
Male									
All	142	17	(12)	104	11	(11)	482	98	(20)
Anal	23	7	(30)	14	5	(36)	75	32	(43)
Oral	10	1	(10)	12	2	(17)	57	24	(42)
Urethral	109	9	(8)	78	4	(5)	350	42	(12)
Total	163	18	(11)	123	11	(9)	569	99	(17)

* Percent calculated using total number of positive cultures for which susceptibility testing could be performed (one male anal specimen was not viable for antibiotic susceptibility testing)

Table 8. Number of Visits, to NYC DOHMH BSTDC clinics, inclusive of all reasons for visit, 1st quarter 2007 (January 01 - March 31, 2007), compared to 1st quarter 2006 (January 01 - March 31, 2006) and full year 2006 (January 01 - December 31, 2006).

Clinic	2007 through 1 st Quarter		2006 through 1 st Quarter		2006 Full Year	
	N	(%)	N	(%)	N	(%)
Central Harlem	3172	(9.1)	3076	(9.4)	11602	(8.5)
Chelsea	5689	(16.3)	5895	(18.0)	23392	(17.2)
Corona	1932	(5.5)	1717	(5.2)	7042	(5.2)
Crown Heights	2189	(6.3)	1974	(6.0)	8284	(6.1)
East Harlem	1353	(3.9)	1293	(3.9)	6113	(4.5)
Fort Greene	5911	(16.9)	5108	(15.6)	22299	(16.4)
Jamaica	5461	(15.7)	4936	(15.1)	20605	(15.1)
Morrisania	5229	(15.0)	4991	(15.2)	20696	(15.2)
Richmond	499	(1.4)	415	(1.3)	1824	(1.3)
Riverside	3448	(9.9)	3343	(10.2)	14254	(10.5)
All Clinics	34883	(100.0)	32748	(100.0)	136111	(100.0)

Figure 3. Primary and secondary (P&S) syphilis and congenital syphilis reported to the NYC DOHMH. P&S syphilis Case rate (per 100,000 population) by sex, and congenital syphilis cases rate (per 1,000 live births*), 1997 through 2007.**



* For 2006 and 2007 congenital rate, live birth denominator based on 2006 preliminary live birth data (Bureau of Vital Statistics, NYC DOHMH)

** 2007 syphilis rates based on preliminary data.

Table 9. Male primary and secondary (P&S) syphilis cases: interview status, report of male sex partner(s) and HIV status, 1st quarter 2007 (January 01 - March 31, 2007), compared to 1st quarter 2006 (January 01 - March 31, 2006) and full year 2006 (January 01 - December 31, 2006).

	Male P&S Cases								
	2007 through 1 st Quarter ¹			2006 through 1 st Quarter			2006 Full Year		
	N	(%)	Years	N	(%)	Years	N	(%)	Years
Male cases	244			125			560		
Median age of men			34			34			34.5
Male cases interviewed	123	(50)		68	(54)		294	(53)	
Interviewed male cases reporting sex with men (MSM)	104	(85)		61	(90)		260	(88)	
Interviewed MSM with HIV ²	36	(63)		27	(82)		110	(70)	
Median age of MSM			33.5			33			32

¹ Percent of men interviewed underestimated due to reporting time lag and delay in data entry of interviews into the surveillance system.

² Of MSM with known HIV status.

Table 10. Prevalence of culture positive anorectal gonorrhea infection (Gc-positive) among men who have sex with men, and among women attending BSTDC clinics and tested for anorectal gonorrhea, with and without symptoms*. Gonorrhea positivity rates for 1st quarter 2007 (January 01 - March 31, 2007), compared to 1st quarter 2006 (January 01 - March 31, 2006) and full year 2006 (January 01 - December 31, 2006).

	2007 through 1 st Quarter			2006 through 1 st Quarter			2006 Full Year		
	Culture** done	Gc-positive Culture		Culture** done	Gc-positive Culture		Culture** done	Gc-positive Culture	
	N	N	(%)	N	N	(%)	N	N	(%)
Female									
All	27	1	(4)	39	0	(0)	97	1	(1)
Symptomatic	3	0	(0)	2	0	(0)	19	1	(5)
Asymptomatic	24	1	(4)	37	0	(0)	78	0	(0)
MSM									
All	581	23	(4)	639	17	(3)	2546	75	(3)
Symptomatic	41	3	(7)	36	3	(8)	180	13	(7)
Asymptomatic	540	20	(4)	603	14	(2)	2366	62	(3)

* Men or women were considered symptomatic if their record included a chief complaint of anal or rectal symptoms.

** An Individual person may contribute more than one test during the interval.

Table 11. Seroreactive syphilis test results for persons¹ attending BSTDC clinics, by sex and sex of partner. Seroreactive syphilis test rates for 1st quarter 2007 (January 01 - March 31, 2007), compared to 1st quarter 2006 (January 01 - March 31, 2006) and full year 2006 (January 01 - December 31, 2006).

	2007 through 1 st Quarter			2006 through 1 st Quarter			2006 Full Year		
	RPRs done	Reactive RPRs ²		RPRs done	Reactive RPRs ²		RPRs done	Reactive RPRs ²	
	N	N	(%)	N	N	(%)	N	N	(%)
Female									
ALL	6063	124	(2)	5610	165	(3)	23836	549	(2)
Men									
ALL	8485	267	(3)	7852	308	(4)	32161	1239	(4)
MSM	687	89	(13)	783	88	(11)	2995	379	(13)
MSW	3914	114	(3)	4961	159	(3)	17431	591	(3)

¹ Includes RPR testing from each person's first clinic visit during the interval.

² Reactive tests are those reactive RPR confirmed by reactive FTA.

Figure 4a. Female *Chlamydia trachomatis* cases reported to the NYC DOHMH. Cases by provider type, 1999 through 2007*.

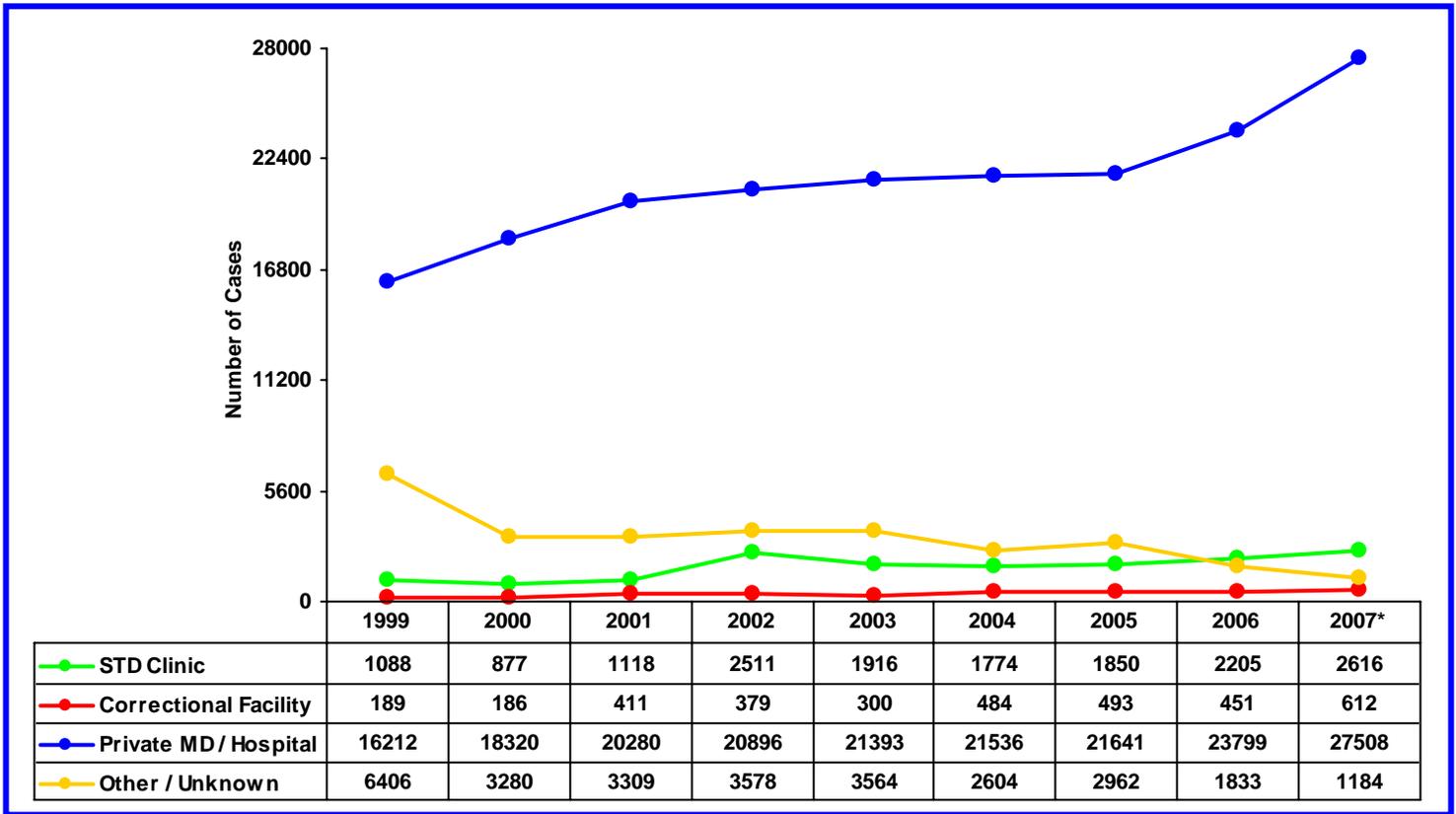
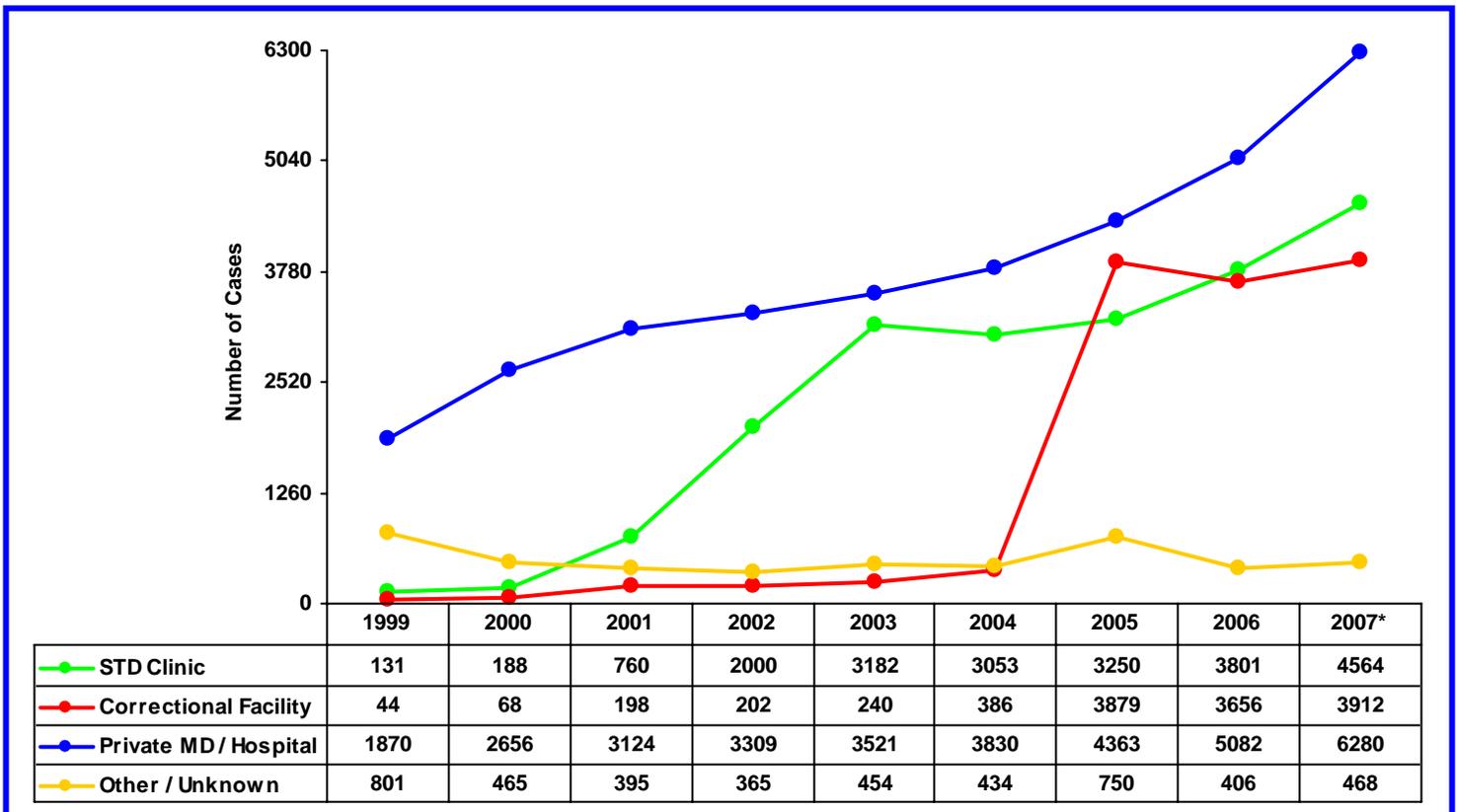


Figure 4b. Male *Chlamydia trachomatis* cases reported to the NYC DOHMH. Cases by provider type, 1999 through 2007*.



* 2007 cases based on preliminary data which have been annualized.

Figure 5a. Female *Neisseria gonorrhoeae* cases reported to the NYC DOHMH. Cases by provider type, 1999 through 2007*.

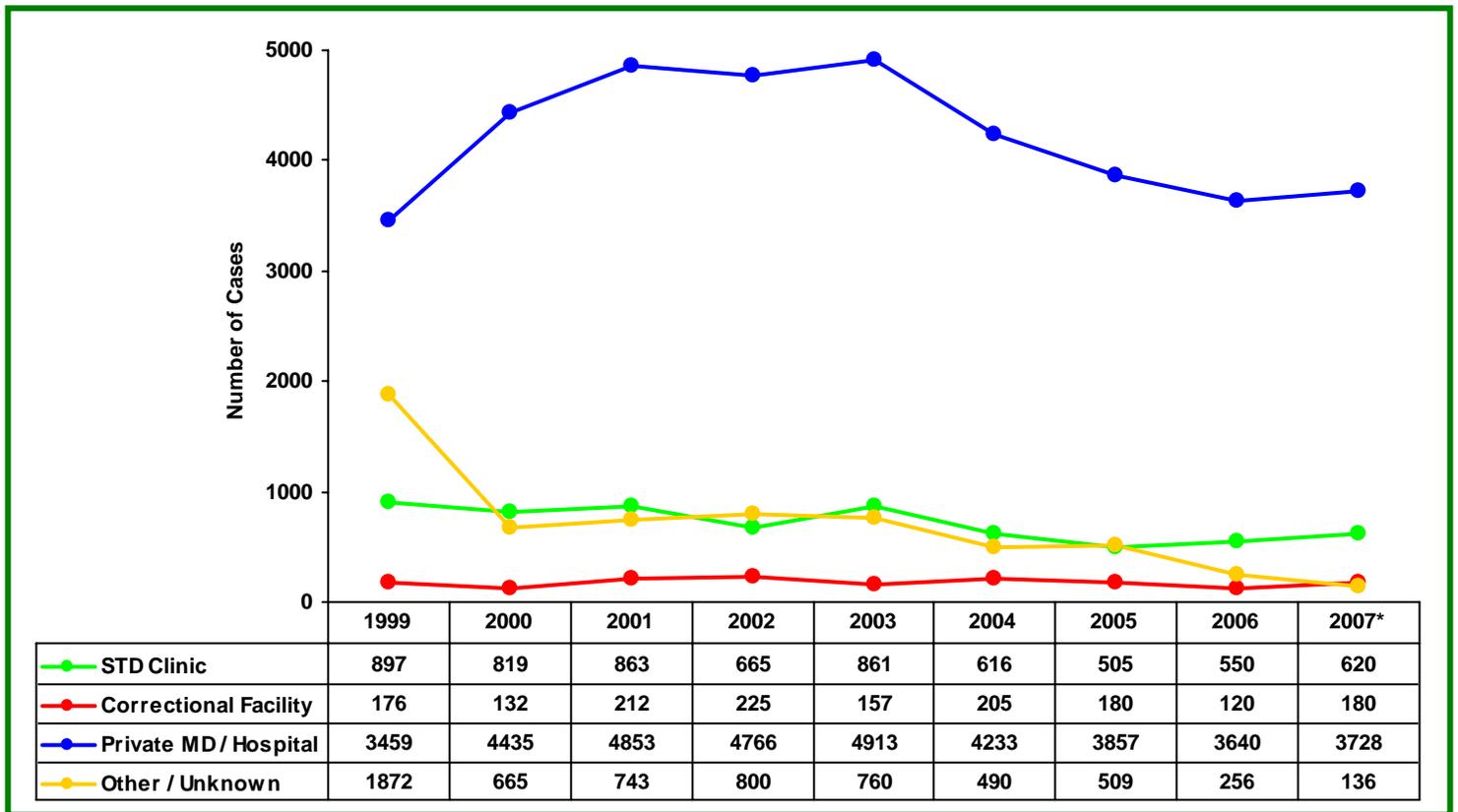
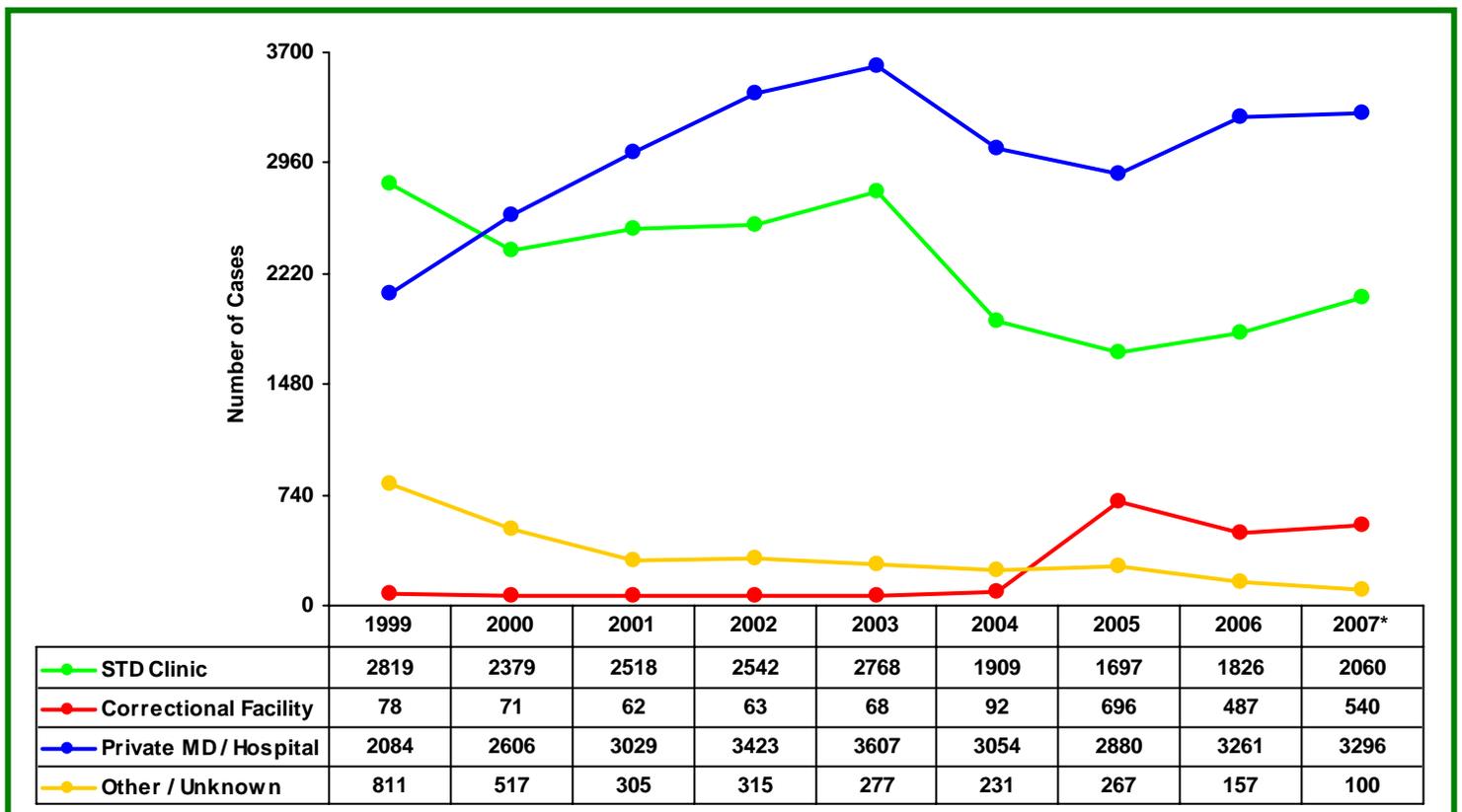


Figure 5b. Male *Neisseria gonorrhoeae* cases reported to the NYC DOHMH. Cases by provider type, 1999 through 2007*.



* 2007 cases based on preliminary data which have been annualized.

Figure 6. New York City neighborhoods*.

**United Hospital Fund (UHF) Neighborhoods
New York City**

NYC Boroughs

- Bronx
- Brooklyn
- Manhattan
- Queens
- Richmond



* Neighborhoods defined by United Hospital Fund (UHF) definitions of NYC neighborhoods, which are specified by zip codes. For a complete listing of UHF neighborhoods and their zip codes, go to nyc.gov/health.

Figure 7. Male primary and secondary syphilis reported to the NYC DOHMH. Case rate per 100,000 population in New York City neighborhoods, full year 2006.

**P&S Syphilis Among Men in NYC
Reported 01/01/2006 - 12/31/2006**

Rate / per 100,000

- 0 - 12
- 13 - 43
- 44 - 99

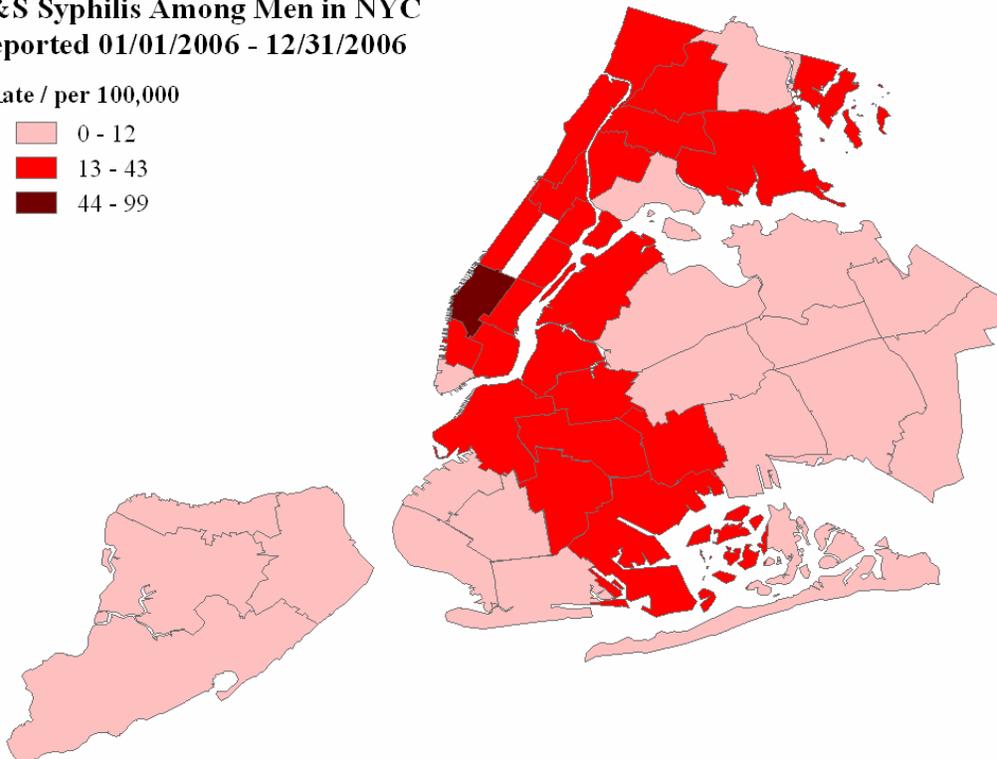


Figure 8a. Female *Chlamydia trachomatis* reported to the NYC DOHMH. Case rate per 100,000 population in New York City neighborhoods, full year 2006.

**Chlamydia Among Women in NYC
Reported 01/01/2006 - 12/31/2006**

Rate / per 100,000

- 90 - 398
- 399 - 866
- 867 - 1402

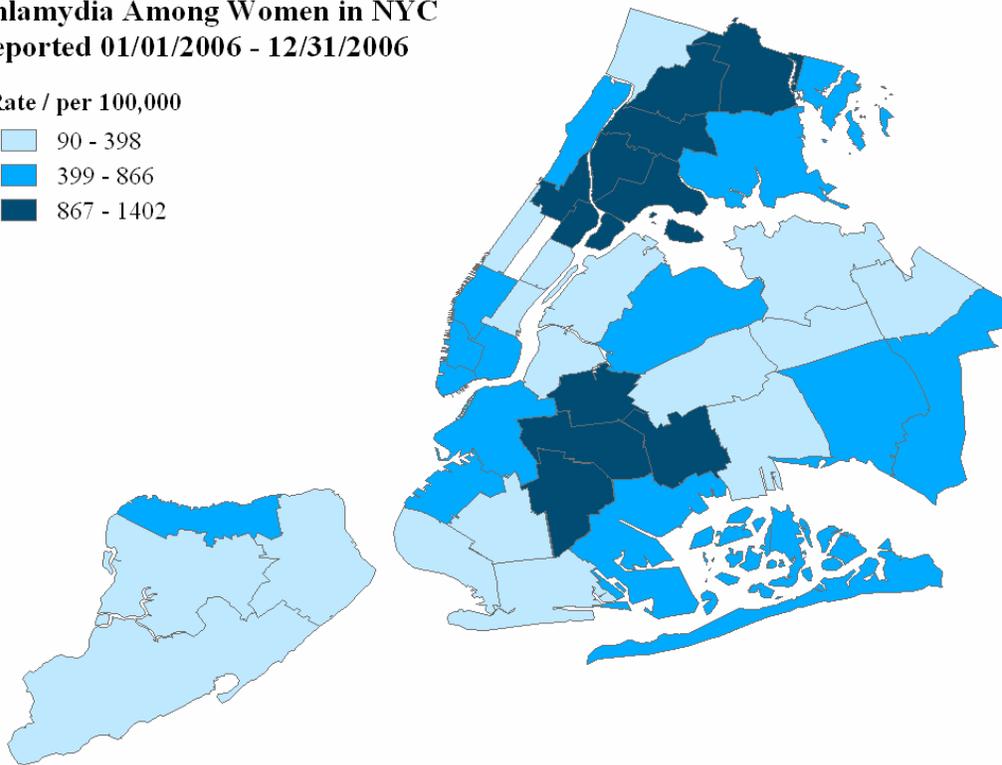


Figure 8b. Male *Chlamydia trachomatis* reported to the NYC DOHMH. Case rate per 100,000 population in New York City neighborhoods, full year 2006.

**Chlamydia Among Men in NYC
Reported 01/01/2006 - 12/31/2006**

Rate / per 100,000

- 21 - 269
- 270 - 644
- 645 - 926

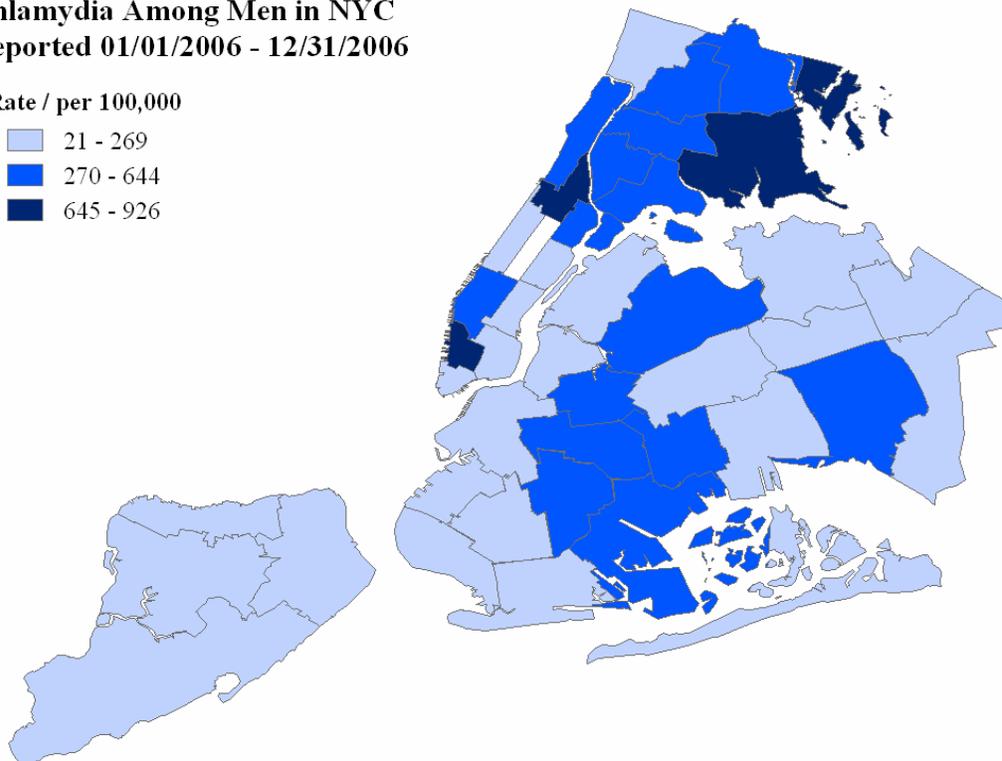


Figure 9a. **Female *Neisseria gonorrhoeae*** reported to the NYC DOHMH. Case rate per 100,000 population in New York City neighborhoods, full year 2006.

**Gonorrhea Among Women in NYC
Reported 01/01/2006 - 12/31/2006**

Rate / per 100,000

- 15 - 66
- 67 - 162
- 163 - 305

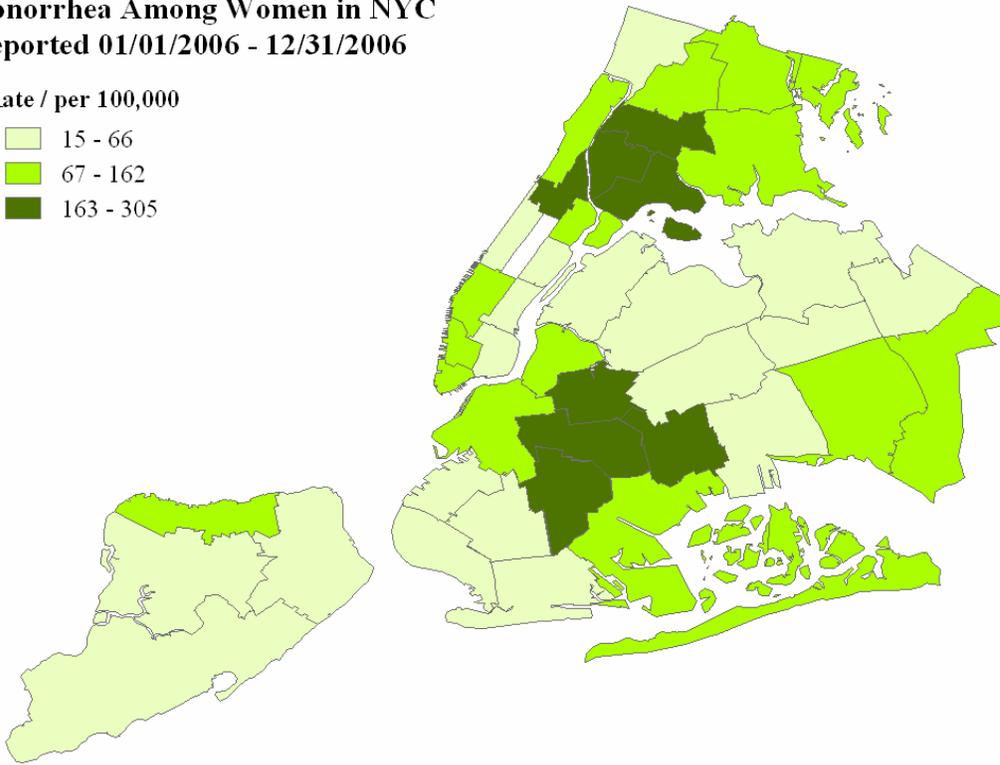
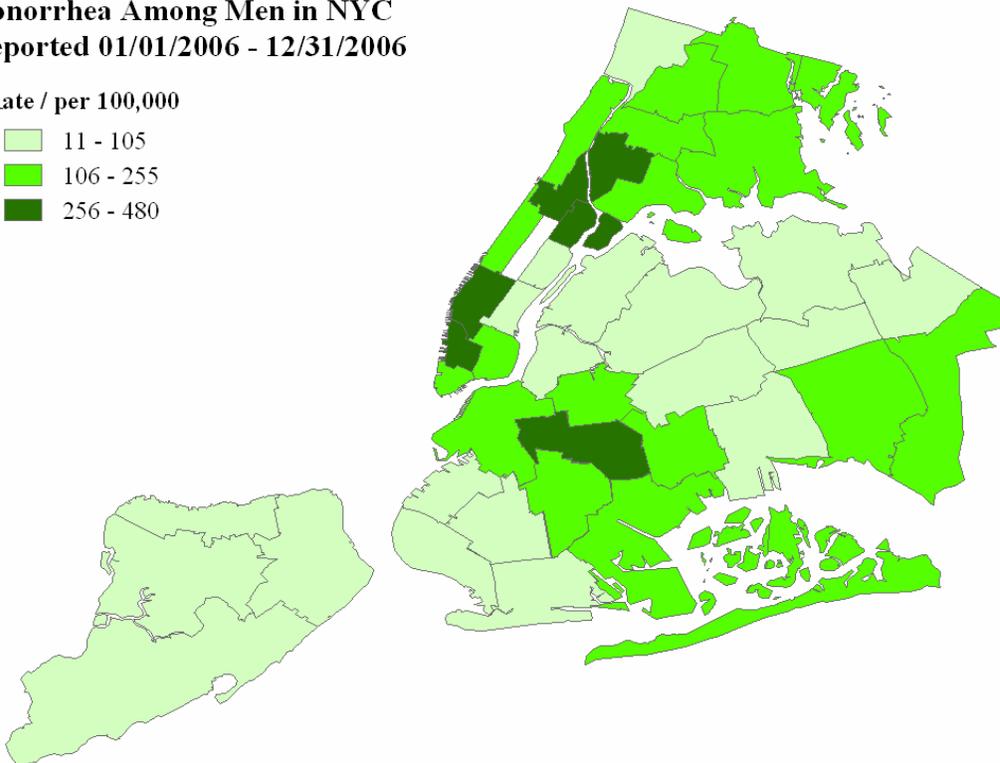


Figure 9b. **Male *Neisseria gonorrhoeae*** reported to the NYC DOHMH. Case rate per 100,000 population in New York City neighborhoods, full year 2006.

**Gonorrhea Among Men in NYC
Reported 01/01/2006 - 12/31/2006**

Rate / per 100,000

- 11 - 105
- 106 - 255
- 256 - 480



The Bureau of STD Control operates **STD clinics and HIV Testing & Counseling sites** throughout the city. BSTDC clinics offer confidential testing and treatment for a spectrum of sexually transmitted diseases. All clinics provide confidential and anonymous HIV testing and counseling. All services are free. These clinics are located in:

Clinics	Address
Central Harlem	2238 5 th Avenue, 3 rd Floor, New York, NY 10037
Chelsea	303 9 th Avenue, 2 nd Floor, New York, NY 10001
Corona	34-33 Junction Blvd, Jackson Heights, NY 11372
Bushwick*	335 Central Avenue, Brooklyn, NY 11221
East Harlem	158 East 115 th Street, 1 st Floor, New York, NY 10029
Fort Greene	295 Flatbush Avenue Ext, 2 nd Floor, Brooklyn, NY 11201
Jamaica	90-37 Parsons Blvd, 1 st Floor, Jamaica, NY 11432
Morrisania	1309 Fulton Avenue, 2 nd Floor, Bronx, NY 10456
Richmond	51 Stuyvesant Place, 1 st Floor, Staten Island, NY 10301
Riverside	160 West 100 th Street, New York, NY 10025

* Formerly located in Crown Heights.

- Please call 311 to locate the nearest clinic or check our website at www.nyc.gov/health/std.
- Our staff can also assist in partner location and notification for HIV and other STD. Call the Contact Notification Assistance Program (CNAP) at (212) 693-1419.
- For provider reporting of STD:
The Universal Reporting Form (URF) can be obtained by calling 1-866-NYC-DOH1 (1-866-692-3641) or accessing it online at: <http://www.nyc.gov/html/doh/html/hcp/hcp-urf.shtml>
- For provider reporting of HIV/AIDS:
For assistance in reporting a case of HIV/AIDS or to receive Provider Report Forms, please call (212) 442-3388.

Acknowledgements:

Thanks to all the staff of the Surveillance Team for collecting and collating the data presented in the quarterly report, and to Mary Shao for the preparation of this report.

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Published by:

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New York City Department of
Health & Mental Hygiene

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Suggested citation for use:

The New York City
Department of Health and Mental Hygiene
Bureau of Sexually Transmitted Disease Control
Quarterly Report Vol. 5, No. 1 March 2007.