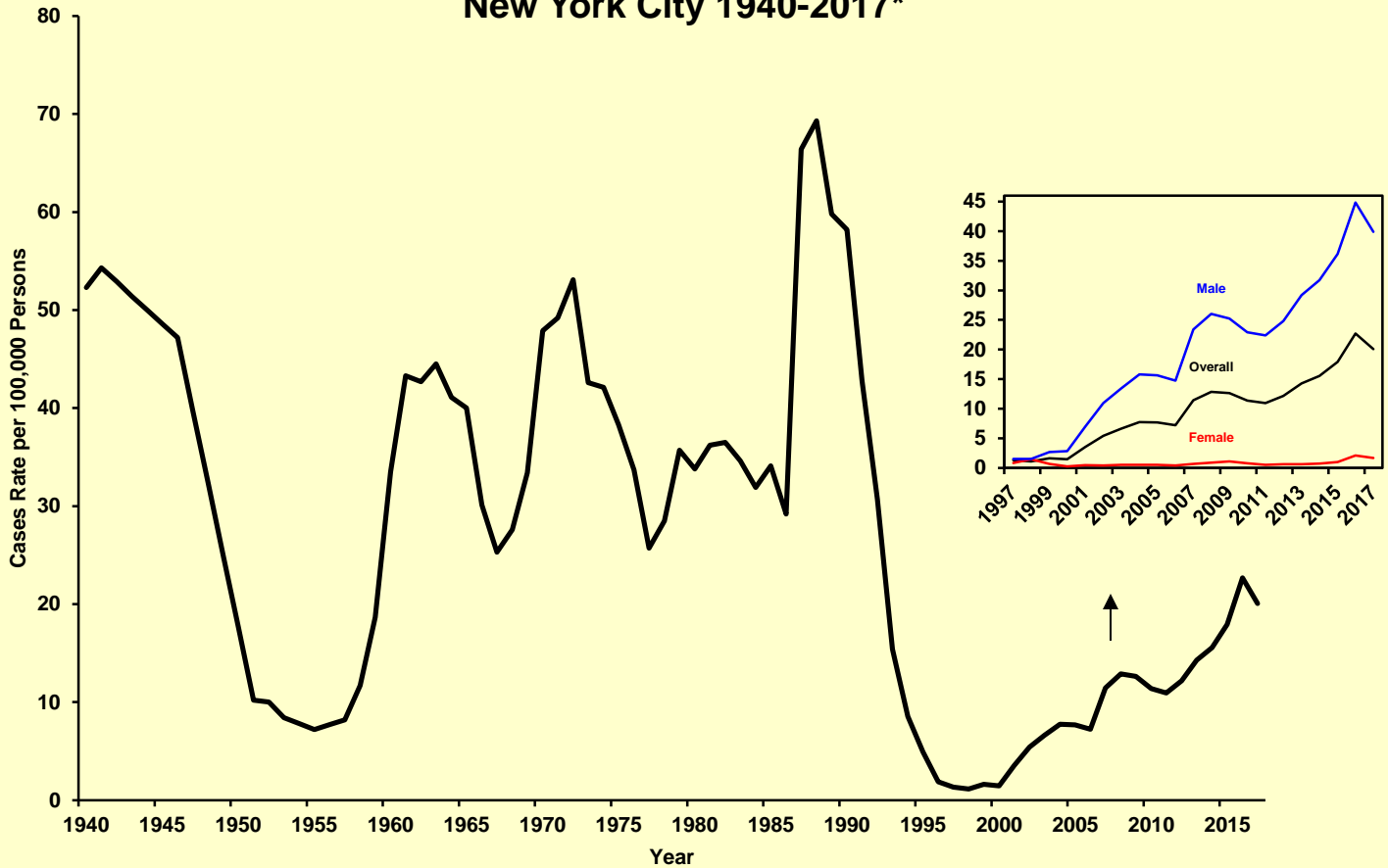


**Reported Primary and Secondary (P&S) Syphilis
New York City 1940-2017***



*Reported cases include males, females, and cases with unknown sex; 2017 rate based on preliminary 2017 data.

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

- **Chlamydia** (*Chlamydia trachomatis*)
- **Gonorrhea** (*Neisseria gonorrhoeae*)
- **Syphilis** (*Treponema pallidum*)
- **Chancroid** (*Haemophilus ducreyi*)
- **Granuloma inguinale** (*Klebsiella granulomatis*)
- **Lymphogranuloma venereum/LGV** (*Chlamydia trachomatis* L1, L2, L3)
- **Neonatal herpes** (*herpes simplex virus*)

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 4th quarter 2017 (January 01 - December 31, 2017) and 4th quarter 2016 (January 01 - December 31, 2016), and number and case rate per 100,000 population for full year 2016.

	2017 through 4 th Quarter	2016 through 4 th Quarter	2016 Full Year	
	N	N	N	Case Rate/100,000
Chlamydia¹	71611	66748	66748	780.64
Female	40442	38831	38831	868.96
Male	31096	27816	27816	681.48
Gonorrhea¹	23392	19029	19029	222.55
Female	5198	4419	4419	98.89
Male	18142	14548	14548	356.42
P&S Syphilis¹	1714	1939	1939	22.68
Female	74	93	93	2.08
Male	1628	1830	1830	44.83
Early Latent Syphilis¹	3127	3066	3066	35.86
Female	161	173	173	3.87
Male	2939	2864	2864	70.17
Late Latent Syphilis^{1,2}	2634	2875	2875	33.62
Female	466	491	491	10.99
Male	2134	2356	2356	57.72
Neurosyphilis^{1,3}	18	39	39	0.46
Female	3	6	6	0.13
Male	15	32	32	0.78
Congenital Syphilis^{1,4}	7	10	10	9.18
Chancroid	0	0	0	0.00
Female	0	0	0	0.00
Male	0	0	0	0.00
Granuloma Inguinale	0	0	0	0.00
Female	0	0	0	0.00
Male	0	0	0	0.00
Lymphogranuloma Venereum	2	3	3	0.04
Female	0	0	0	0.00
Male	2	3	3	0.07
Neonatal Herpes⁴	10	16	16	14.69
Female	3	5	5	9.39
Male	7	11	11	19.75

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

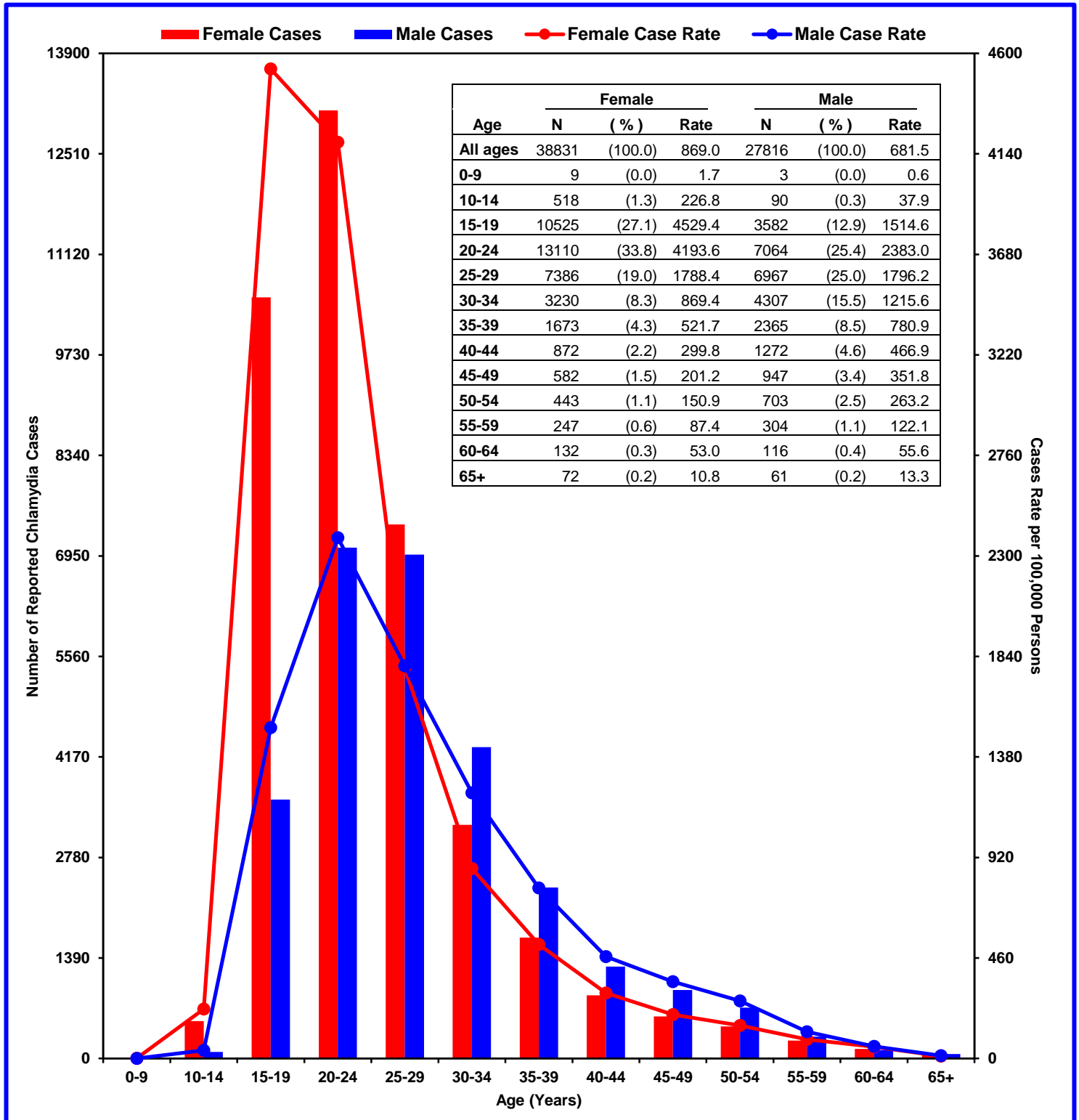
² Includes 'Latent syphilis of unknown duration'; N=0 (through 4th quarter 2017); 0 (through 4th quarter 2016); 0 (full year 2016).

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 and thereafter, are, therefore, among syphilis cases of all stages.

⁴ Case rates calculated using previous year's live births as denominator.

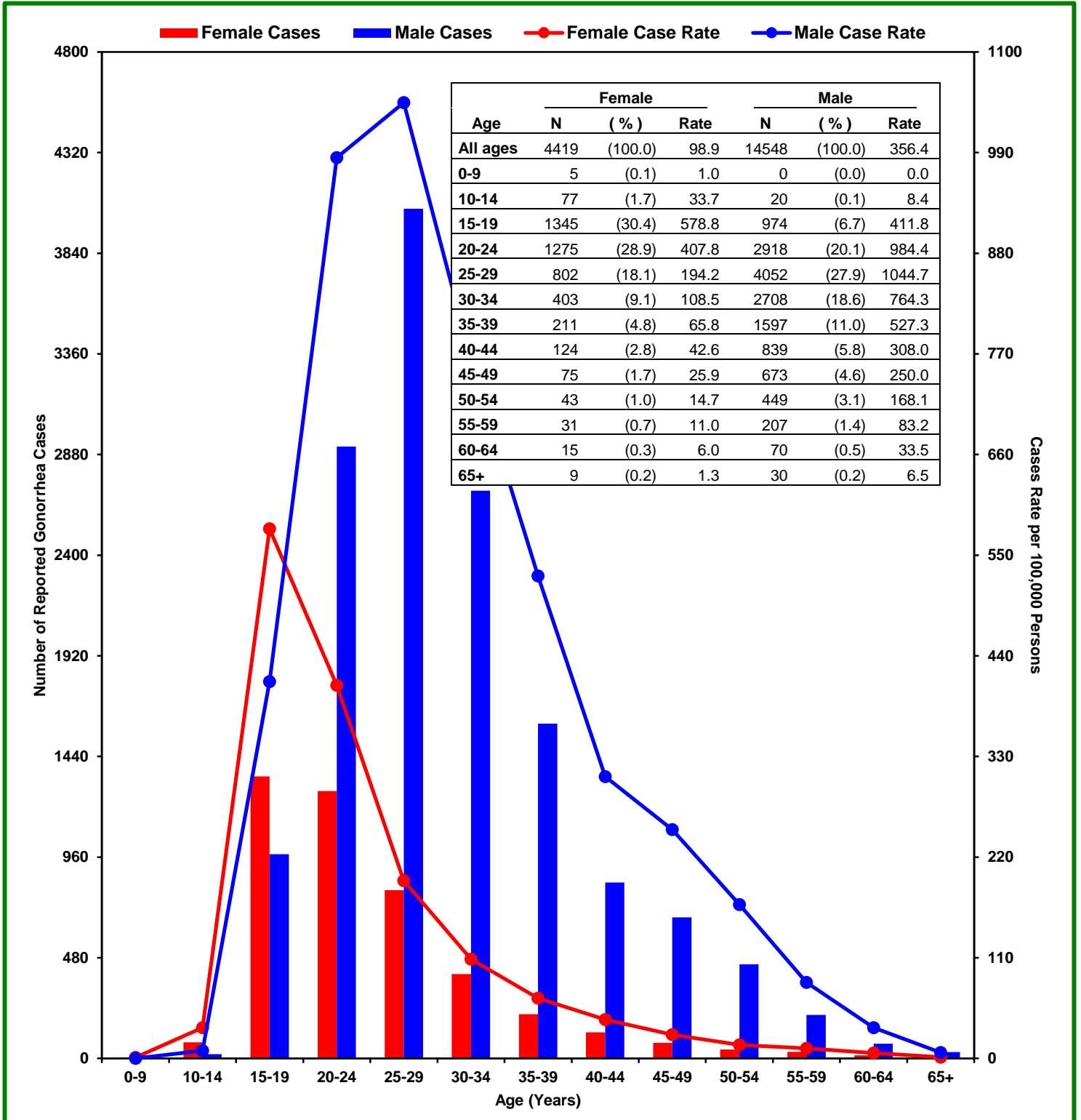
Figure 1a. Chlamydia reported to the NYC DOHMH. Case rates (per 100,000 population) by age and sex*, full year 2016.



*Excludes persons reported without information on sex or age.

Note: Because the majority of Chlamydia trachomatis infections are asymptomatic, sex-specific differences in reported chlamydia case numbers and case rates may be largely 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 2016.



*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 2.1. *Chlamydia trachomatis* infections among all-ages, 15-19, 20-24, 25-29 and 30-34 years old female persons, full year 2016, reported to the NYC DOHMH. Case numbers and case rates (per 100,000 population) by sex, age group¹, and neighborhood².

Citywide *Chlamydia trachomatis*, Female

	All-ages			15-19 years old			20-24 years old			25-29 years old			30-34 years old		
	N	Rate	Rank ³	N	Rate	Rank ³	N	Rate	Rank ³	N	Rate	Rank ³	N	Rate	Rank ³
BRONX	11178	1447		3607	7414		3785	6257		1847	2966		783	1398	
Crotona	2129	1850	1	720	8816	2	717	7274	1	357	3660	1	141	1685	2
Fordham	2039	1464	6	622	6648	9	677	5553	9	362	2929	6	156	1440	7
Kingsbridge	286	559	26	72	2840	23	102	3114	20	55	1506	23	27	758	21
Morrisania	1994	1687	3	626	7780	5	688	6999	2	327	3443	2	139	1626	3
Mott Haven	1324	1747	2	469	9033	1	422	6383	6	201	3105	5	96	1711	1
Northeast Bronx	1431	1322	9	426	7162	7	488	6661	5	248	3340	3	105	1554	4
Pelham	1663	1011	14	545	5796	11	597	5237	14	262	1999	17	104	843	19
Unknown Neighborhood	312			127			94			35			15		
BROOKLYN	11753	848		3214	4424		3902	4124		2211	1710		1020	861	
Bensonhurst	308	267	39	46	930	38	92	1503	40	81	849	34	40	418	35
Borough Park	504	281	38	95	903	39	135	1160	41	117	788	36	63	457	32
Canarsie	1020	933	16	287	4781	16	376	5590	8	160	2165	15	78	1083	10
Coney Island	601	374	33	130	1665	32	192	2114	34	115	1026	30	74	703	25
Crown Heights	2647	1500	5	840	8713	3	903	6767	4	457	2637	7	190	1222	9
Downtown Heights	681	538	28	161	3536	18	254	3490	19	123	765	39	70	397	38
East Flatbush	1932	1169	11	550	6541	10	603	5372	13	342	2497	11	179	1463	6
East New York	1641	1617	4	553	7932	4	556	6860	3	261	3144	4	99	1397	8
Greenpoint	375	512	30	61	1774	30	114	1840	37	110	936	33	50	546	30
Sunset Park	469	695	21	73	2043	27	126	2420	29	115	1567	21	68	1078	11
Williamsburg	1382	1249	10	351	5172	15	500	5154	16	300	2532	10	99	1052	13
Unknown Neighborhood	193			67			51			30			10		
MANHATTAN	6973	810		1610	4376		2545	3981		1535	1441		625	698	
Central Harlem	1226	1386	7	398	7215	6	424	5436	11	230	2434	13	76	933	18
Chelsea	545	697	20	89	3083	21	199	3062	22	125	996	31	76	741	24
East Harlem	809	1355	8	234	6733	8	283	6340	7	141	2466	12	77	1536	5
Gramercy Park	381	520	29	42	2042	28	148	2164	32	122	971	32	34	391	39
Greenwich Village	233	542	27	21	1461	34	87	2701	25	69	1078	27	37	685	27
Lower Manhattan	171	574	25	15	1189	36	60	2189	31	56	1130	26	18	417	36
Union Square	822	762	19	194	2969	22	276	2923	24	203	1509	22	71	692	26
Upper East Side	409	325	37	26	858	40	155	2696	26	119	751	40	52	366	40
Upper West Side	454	370	34	90	2188	26	174	2609	27	96	777	37	50	412	37
Washington Heights	1475	1117	12	370	5713	12	565	5381	12	301	2271	14	105	952	17
Unknown Neighborhood	448			131			174			73			29		
QUEENS	7876	654		1792	2987		2478	3182		1611	1629		737	795	
Astoria	582	507	31	71	1689	31	189	2239	30	170	1040	28	75	573	29
Bayside	95	200	42	16	743	42	18	833	42	21	773	38	14	471	31
Flushing	703	487	32	73	1214	35	151	1876	36	147	1469	24	95	955	16
Forest Hills	456	352	35	97	1803	29	147	2139	33	106	1030	29	46	422	34
Fresh Meadows	176	335	36	43	1628	33	60	1680	39	29	735	41	15	427	33
Jamaica	1731	1091	13	528	5577	13	588	5230	15	304	2594	8	116	1066	12
Rockaway	612	1005	15	188	5251	14	211	5553	9	106	2571	9	40	982	15
Southeast Queens	827	771	18	206	3553	17	316	4576	17	132	1792	19	68	994	14
Southwest Queens	885	630	24	211	2500	24	287	2992	23	197	1848	18	73	747	22
West Queens	1571	632	22	284	2305	25	445	2580	28	362	1668	20	174	841	20
Unknown Neighborhood	238			75			66			37			21		
STATEN ISLAND	1051	429		302	2114		400	2548		182	1142		65	437	
Port Richmond	288	772	17	89	3416	19	102	3703	18	53	2090	16	16	638	28
South Beach	204	211	41	42	795	41	95	1718	38	37	632	42	10	182	42
Stapleton	415	631	23	136	3398	20	147	3104	21	63	1358	25	31	743	23
Willowbrook	119	263	40	23	960	37	51	1906	35	24	824	35	8	294	41
Unknown Neighborhood	25			12			5			5			0		
TOTAL NYC	38831	869		10525	4529		13110	4194		7386	1788		3230	869	

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 practice has 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 to that of the patient.

Table 2.2. *Chlamydia trachomatis* infections among all-ages, 15-19, 20-24, 25-29 and 30-34 years old male persons, full year 2016, reported to the NYC DOHMH. Case numbers and case rates (per 100,000 population) by sex, age group¹, and neighborhood².

Citywide *Chlamydia trachomatis*, Male

	All-ages			15-19 years old			20-24 years old			25-29 years old			30-34 years old		
	N	Rate	Rank ³	N	Rate	Rank ³	N	Rate	Rank ³	N	Rate	Rank ³	N	Rate	Rank ³
BRONX	5849	859		1145	2252		1765	3000		1356	2342		683	1395	
Crotona	1102	1083	7	228	2753	3	358	3826	2	240	2798	9	116	1627	12
Fordham	1104	871	14	206	2142	9	324	2726	18	275	2278	13	110	1125	19
Kingsbridge	138	325	31	23	935	24	36	1214	32	30	935	33	17	548	31
Morrisania	1016	976	11	166	1987	11	304	3283	9	263	3049	6	121	1631	11
Mott Haven	688	992	10	123	2170	8	220	3189	11	158	2544	11	100	1947	6
Northeast Bronx	799	900	13	170	2757	2	223	3412	7	175	2585	10	100	1804	8
Pelham	830	563	23	174	1690	16	252	2111	21	186	1495	20	100	920	23
Unknown Neighborhood	172			55			48			29			19		
BROOKLYN	8155	652		1201	1614		2146	2416		2093	1724		1261	1132	
Bensonhurst	168	153	40	13	240	37	37	589	42	47	494	40	34	365	38
Borough Park	280	159	39	22	192	39	79	673	41	79	521	39	46	332	40
Canarsie	581	655	20	121	2056	10	199	3118	14	114	1705	17	68	1146	18
Coney Island	312	214	36	40	488	34	91	1001	35	81	738	35	53	520	33
Crown Heights	1780	1225	3	333	3496	1	449	3924	1	443	3070	5	260	2058	4
Downtown Heights	730	646	21	65	1544	19	151	2490	19	156	1198	26	128	826	26
East Flatbush	1276	935	12	211	2468	6	340	3391	8	298	2392	12	185	1761	10
East New York	905	1033	9	187	2653	4	279	3776	4	226	3207	3	88	1466	13
Greenpoint	548	757	16	25	722	28	85	1604	26	172	1501	19	146	1438	14
Sunset Park	218	308	33	20	516	33	46	815	39	58	716	36	43	589	29
Williamsburg	1218	1169	4	132	1936	12	355	3749	5	386	3079	4	195	1955	5
Unknown Neighborhood	139			32			35			33			15		
MANHATTAN	8251	1065		537	1656		1598	2959		2153	2338		1559	1837	
Central Harlem	1154	1518	2	127	2589	5	259	3808	3	310	3656	1	212	2985	2
Chelsea	1692	2028	1	29	1656	17	159	3275	10	379	3376	2	394	3445	1
East Harlem	631	1160	5	82	2370	7	150	3121	13	169	2887	8	115	2284	3
Gramercy Park	456	724	18	14	1055	22	83	1806	24	130	1288	24	78	968	22
Greenwich Village	444	1038	8	10	862	26	83	3469	6	111	1976	14	98	1778	9
Lower Manhattan	211	747	17	8	919	25	35	1541	27	55	1200	25	52	1209	17
Union Square	838	858	15	63	1158	20	196	2436	20	228	1869	15	139	1360	15
Upper East Side	342	339	30	5	179	40	65	1695	25	109	1005	32	62	554	30
Upper West Side	538	516	26	28	784	27	103	2017	22	134	1433	22	99	988	21
Washington Heights	1432	1152	6	124	1737	15	323	2860	17	407	2939	7	231	1929	7
Unknown Neighborhood	513			47			142			121			79		
QUEENS	5037	440		608	956		1365	1725		1231	1233		754	799	
Astoria	721	642	22	28	605	30	99	1336	30	229	1490	21	176	1267	16
Bayside	83	192	38	4	171	41	25	1151	34	19	712	37	12	439	36
Flushing	297	226	35	22	357	35	68	865	38	86	911	34	35	375	37
Forest Hills	334	281	34	30	528	32	80	1254	31	107	1137	27	45	442	35
Fresh Meadows	95	199	37	9	331	36	30	917	36	13	336	42	12	359	39
Jamaica	984	699	19	185	1918	13	348	3165	12	182	1593	18	111	1084	20
Rockaway	297	544	25	68	1794	14	106	3034	15	51	1370	23	26	772	27
Southeast Queens	523	555	24	96	1643	18	188	2862	16	119	1717	16	57	908	24
Southwest Queens	440	324	32	50	581	31	131	1373	29	114	1096	30	51	517	34
West Queens	1121	421	27	97	685	29	255	1190	33	268	1007	31	212	843	25
Unknown Neighborhood	142			19			35			43			17		
STATEN ISLAND	524	228		91	598		190	1215		134	806		50	339	
Port Richmond	145	412	28	31	1108	21	54	1989	23	30	1104	29	14	594	28
South Beach	110	120	42	13	229	38	43	748	40	36	581	38	8	144	42
Stapleton	208	340	29	41	992	23	69	1522	28	53	1123	28	21	522	32
Willowbrook	58	138	41	4	153	42	24	909	37	14	467	41	7	250	41
Unknown Neighborhood	3			2			0			1			0		
TOTAL NYC	27816	681		3582	1515		7064	2383		6967	1796		4307	1216	

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 practice has 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 to that of the patient.

Table 3.1. *Neisseria gonorrhoeae* infections among all-ages, 15-19, 20-24, 25-29 and 30-34 years old female persons, full year 2016, reported to the NYC DOHMH. Case numbers and case rates (per 100,000 population) by sex, age group¹, and neighborhood².

Citywide *Neisseria gonorrhoeae*, Female

	All-ages			15-19 years old			20-24 years old			25-29 years old			30-34 years old		
	N	Rate	Rank ³	N	Rate	Rank ³	N	Rate	Rank ³	N	Rate	Rank ³	N	Rate	Rank ³
BRONX	1310	170		454	933		369	610		206	331		111	198	
Crotona	283	246	1	101	1237	4	88	893	2	45	461	3	21	251	6
Fordham	199	143	11	72	770	10	49	402	17	32	259	15	20	185	9
Kingsbridge	26	51	26	2	79	39	8	244	23	4	109	24	4	112	17
Morrisania	251	212	5	91	1131	6	63	641	9	42	442	5	22	257	3
Mott Haven	160	211	6	71	1367	1	41	620	11	19	294	11	15	267	2
Northeast Bronx	178	164	8	52	874	9	47	642	8	34	458	4	17	252	5
Pelham	176	107	15	50	532	16	64	561	12	26	198	18	10	81	23
Unknown Neighborhood	37			15			9			4			2		
BROOKLYN	1490	107		463	637		436	461		268	207		135	114	
Bensonhurst	18	16	37	4	81	38	5	82	36	3	31	39	1	10	39
Borough Park	29	16	37	10	95	35	7	60	37	3	20	41	1	7	40
Canarsie	128	117	14	39	650	14	48	714	6	16	217	16	10	139	14
Coney Island	58	36	32	18	231	26	16	176	29	14	125	23	4	38	30
Crown Heights	417	236	2	120	1245	3	124	929	1	68	392	6	43	276	1
Downtown Heights	120	95	17	22	483	17	39	536	14	33	205	17	10	57	27
East Flatbush	240	145	9	92	1094	7	61	543	13	40	292	12	20	163	11
East New York	237	234	3	87	1248	2	69	851	3	39	470	2	18	254	4
Greenpoint	41	56	24	8	233	25	7	113	33	9	77	30	8	87	20
Sunset Park	20	30	34	5	140	32	5	96	35	4	55	36	2	32	34
Williamsburg	159	144	10	48	707	13	49	505	16	36	304	10	15	159	12
Unknown Neighborhood	23			10			6			3			3		
MANHATTAN	763	89		204	555		234	366		159	149		69	77	
Central Harlem	191	216	4	64	1160	5	56	718	5	36	381	7	17	209	8
Chelsea	63	81	21	12	416	19	20	308	20	7	56	35	10	97	18
East Harlem	117	196	7	35	1007	8	38	851	3	33	577	1	7	140	13
Gramercy Park	42	57	23	15	729	11	9	132	32	9	72	31	3	34	33
Greenwich Village	16	37	31	0	0	42	6	186	27	4	62	34	2	37	31
Lower Manhattan	13	44	28	2	159	31	4	146	30	4	81	29	3	69	26
Union Square	92	85	18	27	413	20	24	254	22	20	149	20	9	88	19
Upper East Side	28	22	36	3	99	34	6	104	34	8	50	37	3	21	37
Upper West Side	39	32	33	8	195	30	13	195	26	8	65	33	3	25	36
Washington Heights	106	80	22	25	386	21	39	371	18	25	189	19	6	54	28
Unknown Neighborhood	56			13			19			5			6		
QUEENS	750	62		198	330		210	270		148	150		78	84	
Astoria	50	44	28	9	214	29	12	142	31	16	98	28	4	31	35
Bayside	4	8	42	3	139	33	0	0	41	0	0	42	0	0	41
Flushing	35	24	35	5	83	37	1	12	40	3	30	40	7	70	25
Forest Hills	21	16	37	5	93	36	3	44	38	7	68	32	4	37	31
Fresh Meadows	20	38	30	6	227	27	7	196	25	4	101	27	3	85	21
Jamaica	209	132	12	57	602	15	59	525	15	43	367	8	23	211	7
Rockaway	77	126	13	26	726	12	26	684	7	12	291	13	5	123	15
Southeast Queens	112	104	16	28	483	17	43	623	10	21	285	14	8	117	16
Southwest Queens	74	53	25	23	273	24	23	240	24	11	103	25	5	51	29
West Queens	126	51	26	27	219	28	32	185	28	28	129	21	17	82	22
Unknown Neighborhood	22			9			4			3			2		
STATEN ISLAND	106	43		26	182		26	166		21	132		10	67	
Port Richmond	31	83	20	8	307	23	9	327	19	8	316	9	2	80	24
South Beach	15	16	37	2	38	41	2	36	39	6	102	26	1	18	38
Stapleton	55	84	19	15	375	22	14	296	21	6	129	21	7	168	10
Willowbrook	4	9	41	1	42	40	0	0	41	1	34	38	0	0	41
Unknown Neighborhood	1			0			1			0			0		
TOTAL NYC	4419	99		1345	579		1275	408		802	194		403	108	

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 practice has 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 to that of the patient.

Table 3.2. *Neisseria gonorrhoeae* infections among all-ages, 15-19, 20-24, 25-29 and 30-34 years old male persons, full year 2016, 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> , Male														
	All-ages			15-19 years old			20-24 years old			25-29 years old			30-34 years old		
	N	Rate	Rank ³	N	Rate	Rank ³	N	Rate	Rank ³	N	Rate	Rank ³	N	Rate	Rank ³
BRONX	2365	348		266	523		571	970		642	1109		409	835	
Crotona	459	451	11	58	700	6	130	1389	7	118	1376	10	73	1024	9
Fordham	428	338	20	44	457	12	83	698	24	131	1085	13	75	767	18
Kingsbridge	74	175	29	4	163	30	10	337	34	23	717	22	14	452	26
Morrisania	449	431	12	52	622	8	101	1091	18	128	1484	8	82	1105	8
Mott Haven	292	421	13	37	653	7	81	1174	15	76	1223	11	50	973	10
Northeast Bronx	255	287	21	24	389	19	72	1102	17	61	901	18	46	830	16
Pelham	310	210	24	32	311	23	68	570	28	85	683	23	55	506	22
Unknown Neighborhood	98			15			26			20			14		
BROOKLYN	4354	348		342	459		999	1125		1301	1072		754	677	
Bensonhurst	77	70	36	3	55	38	16	255	37	26	273	35	13	140	38
Borough Park	120	68	37	4	35	40	24	204	40	31	204	38	24	173	37
Canarsie	191	215	23	23	391	18	58	909	20	53	793	20	27	455	25
Coney Island	105	72	35	13	158	31	23	253	38	24	219	37	19	186	36
Crown Heights	1094	753	4	126	1323	2	265	2316	1	291	2017	5	175	1385	5
Downtown Heights	463	410	15	16	380	20	72	1187	14	126	967	17	81	522	21
East Flatbush	546	400	16	47	550	9	137	1367	8	144	1156	12	102	971	11
East New York	408	466	10	60	851	5	98	1326	10	137	1944	6	51	850	15
Greenpoint	378	522	8	6	173	29	63	1189	13	111	969	16	90	886	13
Sunset Park	76	107	34	1	26	41	18	319	35	22	272	36	16	219	34
Williamsburg	832	799	3	34	499	11	201	2123	3	323	2577	3	149	1494	4
Unknown Neighborhood	64			9			24			13			7		
MANHATTAN	5566	718		194	598		833	1542		1509	1638		1148	1353	
Central Harlem	820	1079	2	54	1101	3	148	2176	2	247	2913	2	167	2351	2
Chelsea	1389	1665	1	24	1370	1	95	1957	4	330	2940	1	319	2789	1
East Harlem	354	651	7	15	434	15	76	1581	6	104	1777	7	65	1291	6
Gramercy Park	260	413	14	6	452	13	33	718	23	67	664	25	46	571	20
Greenwich Village	313	732	6	12	1034	4	40	1672	5	83	1478	9	71	1288	7
Lower Manhattan	111	393	18	3	345	22	17	749	21	31	677	24	25	581	19
Union Square	483	495	9	22	404	17	104	1293	11	108	885	19	87	851	14
Upper East Side	201	200	25	3	107	34	26	678	25	57	525	29	46	411	27
Upper West Side	408	392	19	9	252	25	66	1292	12	96	1027	14	89	888	12
Washington Heights	924	743	5	32	448	14	152	1346	9	316	2282	4	179	1495	3
Unknown Neighborhood	303			14			76			70			54		
QUEENS	2046	179		150	236		464	586		546	547		361	382	
Astoria	448	399	17	5	108	33	45	607	27	157	1022	15	114	821	17
Bayside	19	44	41	0	0	42	8	368	33	5	187	39	2	73	41
Flushing	68	52	39	4	65	37	16	203	41	26	275	34	5	54	42
Forest Hills	178	150	32	8	141	32	32	501	30	52	553	28	35	344	29
Fresh Meadows	28	59	38	2	74	35	7	214	39	6	155	40	8	239	33
Jamaica	352	250	22	40	415	16	123	1119	16	83	727	21	47	459	24
Rockaway	108	198	26	20	528	10	36	1030	19	16	430	31	10	297	31
Southeast Queens	156	166	30	22	377	21	48	731	22	41	591	27	19	303	30
Southwest Queens	175	129	33	18	209	26	49	514	29	38	365	33	21	213	35
West Queens	468	176	27	29	205	27	84	392	32	110	413	32	92	366	28
Unknown Neighborhood	46			2			16			12			8		
STATEN ISLAND	217	94		22	144		51	326		54	325		36	244	
Port Richmond	53	151	31	5	179	28	17	626	26	12	441	30	7	297	31
South Beach	34	37	42	4	70	36	4	70	42	9	145	41	6	108	39
Stapleton	108	176	27	12	290	24	22	485	31	28	593	26	20	498	23
Willowbrook	20	48	40	1	38	39	8	303	36	4	133	42	3	107	40
Unknown Neighborhood	2			0			0			1			0		
TOTAL NYC	14548	356		974	412		2918	984		4052	1045		2708	764	

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 practice has 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 to 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 2017*.

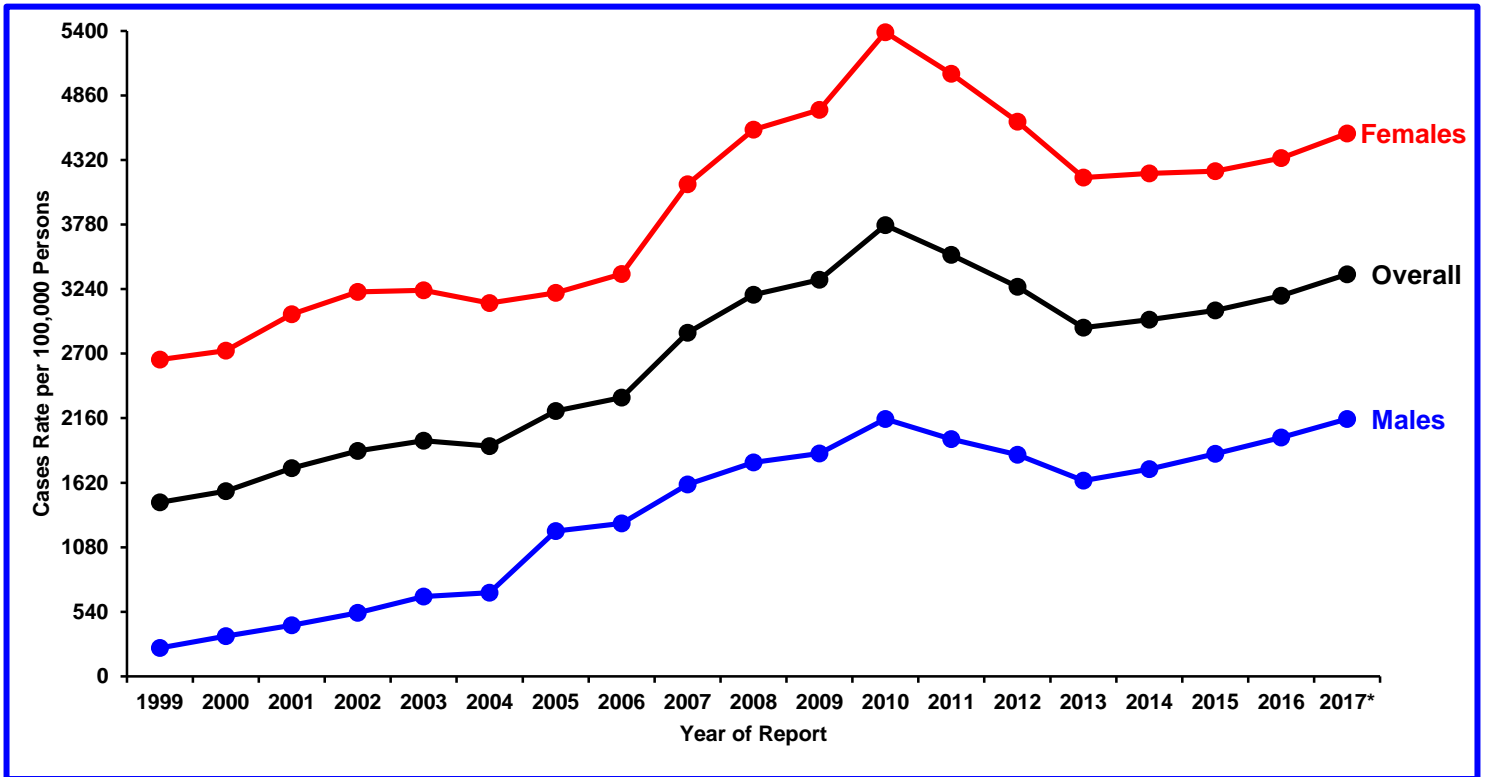
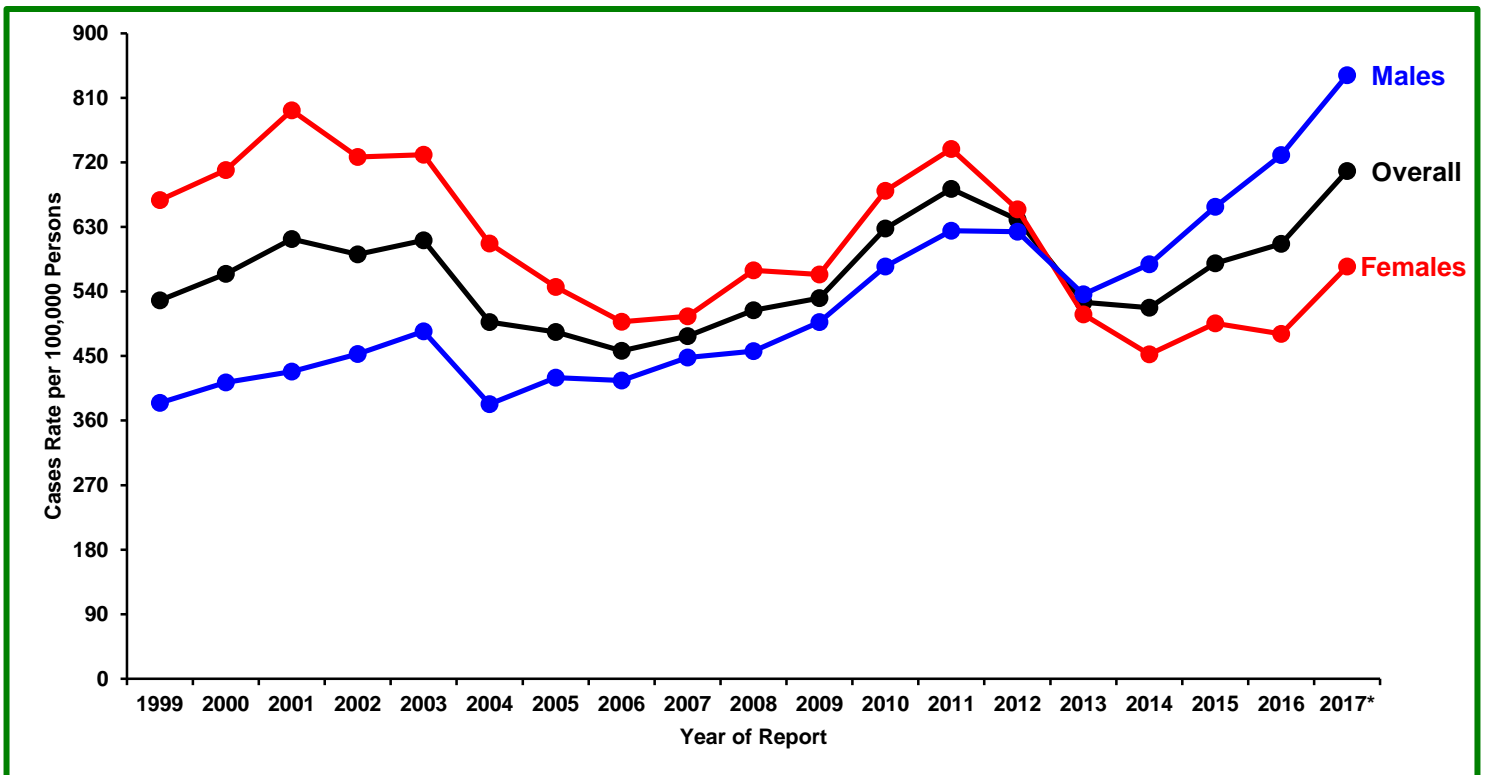


Figure 2b. Gonorrhea among persons aged 15-24 years reported to the NYC DOHMH. Case rates (per 100,000 population) by sex, 1999 through 2017*.



* 2017 rate based on preliminary data.

Table 4.1. Chlamydia positivity among female persons attending NYC DOHMH BSTDC clinics. Positivity rates by age group (all-ages, 15-24, 25-34, 35-44, and 45+ years old), clinic and anatomic site, full year 2016.

	Female, Chlamydia positivity														
	All-ages			15-24 years old			25-34 years old			35-44 years old			45+ years old		
	Tests	Positive tests		Tests	Positive tests		Tests	Positive tests		Tests	Positive tests		Tests	Positive tests	
	N	N	(%)	N	N	(%)	N	N	(%)	N	N	(%)	N	N	(%)
Central Harlem	1976	93	(5)	572	52	(9)	835	28	(3)	342	4	(1)	217	5	(2)
Anorectal	112	4	(4)	21	2	(10)	53	1	(2)	25	1	(4)	12	0	(0)
Oral	42	2	(5)	12	1	(8)	21	1	(5)	8	0	(0)	1	0	(0)
Cervical/Urine	1822	87	(5)	539	49	(9)	761	26	(3)	309	3	(1)	204	5	(2)
Corona	723	40	(6)	262	28	(11)	233	8	(3)	166	4	(2)	61	0	(0)
Anorectal	47	1	(2)	12	0	(0)	12	0	(0)	21	1	(5)	2	0	(0)
Oral	15	1	(7)	3	1	(33)	6	0	(0)	5	0	(0)	1	0	(0)
Cervical/Urine	661	38	(6)	247	27	(11)	215	8	(4)	140	3	(2)	58	0	(0)
Crown Heights	2634	237	(9)	1294	186	(14)	938	46	(5)	274	3	(1)	123	2	(2)
Anorectal	78	9	(12)	26	5	(19)	30	4	(13)	17	0	(0)	5	0	(0)
Oral	25	0	(0)	11	0	(0)	10	0	(0)	4	0	(0)	0	0	(0)
Cervical/Urine	2531	228	(9)	1257	181	(14)	898	42	(5)	253	3	(1)	118	2	(2)
Fort Greene	3515	227	(6)	1419	154	(11)	1410	60	(4)	418	6	(1)	262	3	(1)
Anorectal	154	7	(5)	43	3	(7)	74	3	(4)	26	0	(0)	10	0	(0)
Oral	40	0	(0)	9	0	(0)	23	0	(0)	5	0	(0)	3	0	(0)
Cervical/Urine	3321	220	(7)	1367	151	(11)	1313	57	(4)	387	6	(2)	249	3	(1)
Jamaica	3152	205	(7)	1555	158	(10)	1084	40	(4)	281	5	(2)	232	2	(1)
Anorectal	155	13	(8)	57	9	(16)	69	4	(6)	16	0	(0)	13	0	(0)
Oral	33	1	(3)	12	1	(8)	13	0	(0)	5	0	(0)	3	0	(0)
Cervical/Urine	2964	191	(6)	1486	148	(10)	1002	36	(4)	260	5	(2)	216	2	(1)
Manhattanville¹	1176	58	(5)	480	45	(9)	452	11	(2)	152	2	(1)	89	0	(0)
Anorectal	72	1	(1)	30	1	(3)	27	0	(0)	9	0	(0)	6	0	(0)
Oral	39	1	(3)	20	1	(5)	12	0	(0)	5	0	(0)	2	0	(0)
Cervical/Urine	1065	56	(5)	430	43	(10)	413	11	(3)	138	2	(1)	81	0	(0)
Morrisania	2913	164	(6)	1049	105	(10)	1106	48	(4)	421	6	(1)	324	3	(1)
Anorectal	89	2	(2)	19	1	(5)	43	0	(0)	17	1	(6)	10	0	(0)
Oral	22	1	(5)	4	0	(0)	10	1	(10)	3	0	(0)	4	0	(0)
Cervical/Urine	2802	161	(6)	1026	104	(10)	1053	47	(4)	401	5	(1)	310	3	(1)
Riverside²	2339	138	(6)	779	68	(9)	1124	61	(5)	278	5	(2)	155	4	(3)
Anorectal	149	12	(8)	37	6	(16)	75	5	(7)	21	1	(5)	16	0	(0)
Oral	134	6	(4)	47	3	(6)	57	2	(4)	21	1	(5)	8	0	(0)
Cervical/Urine	2056	120	(6)	695	59	(8)	992	54	(5)	236	3	(1)	131	4	(3)
Overall	18428	1162	(6)	7410	796	(11)	7182	302	(4)	2332	35	(2)	1463	19	(1)
Anorectal	856	49	(6)	245	27	(11)	383	17	(4)	152	4	(3)	74	0	(0)
Oral	350	12	(3)	118	7	(6)	152	4	(3)	56	1	(2)	22	0	(0)
Cervical/Urine	17222	1101	(6)	7047	762	(11)	6647	281	(4)	2124	30	(1)	1367	19	(1)

¹ In May 2010, the Riverside clinic closed for renovations and resumed services in its temporary location at Manhattanville clinic.² On 3/22/2015, the Chelsea clinic closed for renovations and starting 3/31/2015 resumed services in its temporary location at Riverside clinic.

Table 4.2. Chlamydia positivity among male persons attending NYC DOHMH BSTDC clinics. Positivity rates by age group (all-ages, 15-24, 25-34, 35-44, and 45+ years old), clinic and anatomic site, full year 2016.

	Male, Chlamydia positivity														
	All-ages			15-24 years old			25-34 years old			35-44 years old			45+ years old		
	Tests N	Positive tests N (%)		Tests N	Positive tests N (%)		Tests N	Positive tests N (%)		Tests N	Positive tests N (%)		Tests N	Positive tests N (%)	
Central Harlem	5776	360 (6)		957	89 (9)		3058	205 (7)		955	46 (5)		806	20 (2)	
Anorectal	1127	107 (9)		203	24 (12)		662	61 (9)		168	17 (10)		94	5 (5)	
Oral	1037	22 (2)		162	4 (2)		605	15 (2)		177	3 (2)		93	0 (0)	
Urethral/Urine	3612	231 (6)		592	61 (10)		1791	129 (7)		610	26 (4)		619	15 (2)	
Corona	2899	184 (6)		603	55 (9)		1322	79 (6)		539	35 (6)		435	15 (3)	
Anorectal	636	57 (9)		135	17 (13)		301	25 (8)		105	10 (10)		95	5 (5)	
Oral	470	13 (3)		97	4 (4)		209	4 (2)		86	4 (5)		78	1 (1)	
Urethral/Urine	1793	114 (6)		371	34 (9)		812	50 (6)		348	21 (6)		262	9 (3)	
Crown Heights	6577	594 (9)		1762	250 (14)		3303	280 (8)		959	42 (4)		548	19 (3)	
Anorectal	939	89 (9)		230	27 (12)		522	53 (10)		134	7 (5)		53	2 (4)	
Oral	804	9 (1)		170	4 (2)		448	4 (1)		126	1 (1)		60	0 (0)	
Urethral/Urine	4834	496 (10)		1362	219 (16)		2333	223 (10)		699	34 (5)		435	17 (4)	
Fort Greene	9004	641 (7)		1997	226 (11)		4525	313 (7)		1452	74 (5)		1025	28 (3)	
Anorectal	1583	169 (11)		362	48 (13)		860	89 (10)		231	26 (11)		130	6 (5)	
Oral	1250	31 (2)		269	11 (4)		686	16 (2)		175	3 (2)		120	1 (1)	
Urethral/Urine	6171	441 (7)		1366	167 (12)		2979	208 (7)		1046	45 (4)		775	21 (3)	
Jamaica	5442	485 (9)		1632	212 (13)		2409	204 (8)		759	50 (7)		640	19 (3)	
Anorectal	758	73 (10)		232	32 (14)		350	30 (9)		91	7 (8)		85	4 (5)	
Oral	480	22 (5)		136	7 (5)		216	11 (5)		68	1 (1)		60	3 (5)	
Urethral/Urine	4204	390 (9)		1264	173 (14)		1843	163 (9)		600	42 (7)		495	12 (2)	
Manhattanville¹	4894	317 (6)		1081	99 (9)		2579	162 (6)		713	45 (6)		521	11 (2)	
Anorectal	1115	107 (10)		273	34 (12)		597	49 (8)		154	21 (14)		91	3 (3)	
Oral	1002	19 (2)		197	5 (3)		549	11 (2)		150	2 (1)		106	1 (1)	
Urethral/Urine	2777	191 (7)		611	60 (10)		1433	102 (7)		409	22 (5)		324	7 (2)	
Morrisania	5168	413 (8)		1142	151 (13)		2374	211 (9)		842	36 (4)		808	14 (2)	
Anorectal	543	49 (9)		137	16 (12)		290	25 (9)		71	6 (8)		45	2 (4)	
Oral	488	9 (2)		114	4 (4)		257	5 (2)		67	0 (0)		50	0 (0)	
Urethral/Urine	4137	355 (9)		891	131 (15)		1827	181 (10)		704	30 (4)		713	12 (2)	
Riverside²	11658	712 (6)		2144	173 (8)		6180	387 (6)		1957	102 (5)		1377	50 (4)	
Anorectal	2814	294 (10)		533	67 (13)		1539	158 (10)		448	43 (10)		294	26 (9)	
Oral	2487	55 (2)		419	9 (2)		1342	32 (2)		423	8 (2)		303	6 (2)	
Urethral/Urine	6357	363 (6)		1192	97 (8)		3299	197 (6)		1086	51 (5)		780	18 (2)	
Overall	51418	3706 (7)		11318	1255 (11)		25750	1841 (7)		8176	430 (5)		6160	176 (3)	
Anorectal	9515	945 (10)		2105	265 (13)		5121	490 (10)		1402	137 (10)		887	53 (6)	
Oral	8018	180 (2)		1564	48 (3)		4312	98 (2)		1272	22 (2)		870	12 (1)	
Urethral/Urine	33885	2581 (8)		7649	942 (12)		16317	1253 (8)		5502	271 (5)		4403	111 (3)	

¹ In May 2010, the Riverside clinic closed for renovations and resumed services in its temporary location at Manhattanville clinic.² On 3/22/2015, the Chelsea clinic closed for renovations and starting 3/31/2015 resumed services in its temporary location at Riverside clinic.

Table 5.1. Gonorrhea positivity among female persons attending NYC DOHMH BSTDC clinics. Positivity rates by age group (all-ages, 15-24, 25-34, 35-44, and 45+ years old), clinic and anatomic site, full year 2016.

	Female, Gonorrhea positivity														
	All-ages			15-24 years old			25-34 years old			35-44 years old			45+ years old		
	Tests	Positive tests		Tests	Positive tests		Tests	Positive tests		Tests	Positive tests		Tests	Positive tests	
	N	N	(%)	N	N	(%)	N	N	(%)	N	N	(%)	N	N	(%)
Central Harlem	1977	31	(2)	573	10	(2)	835	13	(2)	342	7	(2)	217	1	(0)
Anorectal	112	4	(4)	21	1	(5)	53	2	(4)	25	1	(4)	12	0	(0)
Oral	42	1	(2)	12	1	(8)	21	0	(0)	8	0	(0)	1	0	(0)
Cervical/Urine	1823	26	(1)	540	8	(1)	761	11	(1)	309	6	(2)	204	1	(0)
Corona	723	6	(1)	262	3	(1)	233	2	(1)	166	0	(0)	61	1	(2)
Anorectal	47	0	(0)	12	0	(0)	12	0	(0)	21	0	(0)	2	0	(0)
Oral	15	0	(0)	3	0	(0)	6	0	(0)	5	0	(0)	1	0	(0)
Cervical/Urine	661	6	(1)	247	3	(1)	215	2	(1)	140	0	(0)	58	1	(2)
Crown Heights	2634	69	(3)	1294	47	(4)	938	18	(2)	274	3	(1)	123	1	(1)
Anorectal	78	2	(3)	26	1	(4)	30	1	(3)	17	0	(0)	5	0	(0)
Oral	25	2	(8)	11	2	(18)	10	0	(0)	4	0	(0)	0	0	(0)
Cervical/Urine	2531	65	(3)	1257	44	(4)	898	17	(2)	253	3	(1)	118	1	(1)
Fort Greene	3515	78	(2)	1419	50	(4)	1410	25	(2)	418	3	(1)	262	0	(0)
Anorectal	154	5	(3)	43	3	(7)	74	2	(3)	26	0	(0)	10	0	(0)
Oral	40	4	(10)	9	1	(11)	23	3	(13)	5	0	(0)	3	0	(0)
Cervical/Urine	3321	69	(2)	1367	46	(3)	1313	20	(2)	387	3	(1)	249	0	(0)
Jamaica	3152	46	(1)	1555	31	(2)	1084	15	(1)	281	0	(0)	232	0	(0)
Anorectal	155	3	(2)	57	2	(4)	69	1	(1)	16	0	(0)	13	0	(0)
Oral	33	0	(0)	12	0	(0)	13	0	(0)	5	0	(0)	3	0	(0)
Cervical/Urine	2964	43	(1)	1486	29	(2)	1002	14	(1)	260	0	(0)	216	0	(0)
Manhattanville¹	1176	17	(1)	480	11	(2)	452	4	(1)	152	2	(1)	89	0	(0)
Anorectal	72	1	(1)	30	1	(3)	27	0	(0)	9	0	(0)	6	0	(0)
Oral	39	1	(3)	20	1	(5)	12	0	(0)	5	0	(0)	2	0	(0)
Cervical/Urine	1065	15	(1)	430	9	(2)	413	4	(1)	138	2	(1)	81	0	(0)
Morrisania	2914	48	(2)	1050	29	(3)	1106	14	(1)	421	2	(0)	324	2	(1)
Anorectal	89	1	(1)	19	0	(0)	43	0	(0)	17	1	(6)	10	0	(0)
Oral	22	1	(5)	4	1	(25)	10	0	(0)	3	0	(0)	4	0	(0)
Cervical/Urine	2803	46	(2)	1027	28	(3)	1053	14	(1)	401	1	(0)	310	2	(1)
Riverside²	2339	19	(1)	779	12	(2)	1124	6	(1)	278	1	(0)	155	0	(0)
Anorectal	149	2	(1)	37	1	(3)	75	1	(1)	21	0	(0)	16	0	(0)
Oral	134	1	(1)	47	0	(0)	57	1	(2)	21	0	(0)	8	0	(0)
Cervical/Urine	2056	16	(1)	695	11	(2)	992	4	(0)	236	1	(0)	131	0	(0)
Overall	18430	314	(2)	7412	193	(3)	7182	97	(1)	2332	18	(1)	1463	5	(0)
Anorectal	856	18	(2)	245	9	(4)	383	7	(2)	152	2	(1)	74	0	(0)
Oral	350	10	(3)	118	6	(5)	152	4	(3)	56	0	(0)	22	0	(0)
Cervical/Urine	17224	286	(2)	7049	178	(3)	6647	86	(1)	2124	16	(1)	1367	5	(0)

¹ In May 2010, the Riverside clinic closed for renovations and resumed services in its temporary location at Manhattanville clinic.² On 3/22/2015, the Chelsea clinic closed for renovations and starting 3/31/2015 resumed services in its temporary location at Riverside clinic.

Table 5.2. Gonorrhea positivity among male persons attending NYC DOHMH BSTDC clinics. Positivity rates by age group (all-ages, 15-24, 25-34, 35-44, and 45+ years old), clinic and anatomic site, full year 2016.

	Male, Gonorrhea positivity														
	All-ages			15-24 years old			25-34 years old			35-44 years old			45+ years old		
	Tests N	Positive tests N	(%)	Tests N	Positive tests N	(%)	Tests N	Positive tests N	(%)	Tests N	Positive tests N	(%)	Tests N	Positive tests N	(%)
Central Harlem	5776	418	(7)	957	78	(8)	3058	249	(8)	955	62	(6)	806	29	(4)
Anorectal	1127	116	(10)	203	19	(9)	662	75	(11)	168	17	(10)	94	5	(5)
Oral	1037	123	(12)	162	28	(17)	605	79	(13)	177	12	(7)	93	4	(4)
Urethral/Urine	3612	179	(5)	592	31	(5)	1791	95	(5)	610	33	(5)	619	20	(3)
Corona	2899	126	(4)	603	41	(7)	1322	58	(4)	539	22	(4)	435	5	(1)
Anorectal	636	39	(6)	135	13	(10)	301	17	(6)	105	7	(7)	95	2	(2)
Oral	470	49	(10)	97	17	(18)	209	22	(11)	86	8	(9)	78	2	(3)
Urethral/Urine	1793	38	(2)	371	11	(3)	812	19	(2)	348	7	(2)	262	1	(0)
Crown Heights	6576	473	(7)	1762	164	(9)	3302	241	(7)	959	42	(4)	548	24	(4)
Anorectal	939	93	(10)	230	32	(14)	522	48	(9)	134	10	(7)	53	3	(6)
Oral	803	91	(11)	170	26	(15)	447	53	(12)	126	7	(6)	60	5	(8)
Urethral/Urine	4834	289	(6)	1362	106	(8)	2333	140	(6)	699	25	(4)	435	16	(4)
Fort Greene	9004	574	(6)	1997	162	(8)	4525	317	(7)	1452	67	(5)	1025	28	(3)
Anorectal	1583	137	(9)	362	39	(11)	860	77	(9)	231	15	(6)	130	6	(5)
Oral	1250	147	(12)	269	40	(15)	686	91	(13)	175	12	(7)	120	4	(3)
Urethral/Urine	6171	290	(5)	1366	83	(6)	2979	149	(5)	1046	40	(4)	775	18	(2)
Jamaica	5441	272	(5)	1632	126	(8)	2409	107	(4)	759	25	(3)	639	14	(2)
Anorectal	758	62	(8)	232	31	(13)	350	22	(6)	91	5	(5)	85	4	(5)
Oral	480	64	(13)	136	33	(24)	216	23	(11)	68	6	(9)	60	2	(3)
Urethral/Urine	4203	146	(3)	1264	62	(5)	1843	62	(3)	600	14	(2)	494	8	(2)
Manhattanville¹	4894	334	(7)	1081	78	(7)	2579	199	(8)	713	34	(5)	521	23	(4)
Anorectal	1115	108	(10)	273	27	(10)	597	65	(11)	154	10	(6)	91	6	(7)
Oral	1002	105	(10)	197	22	(11)	549	68	(12)	150	9	(6)	106	6	(6)
Urethral/Urine	2777	121	(4)	611	29	(5)	1433	66	(5)	409	15	(4)	324	11	(3)
Morrisania	5169	267	(5)	1142	81	(7)	2374	146	(6)	843	21	(2)	808	19	(2)
Anorectal	543	62	(11)	137	19	(14)	290	39	(13)	71	3	(4)	45	1	(2)
Oral	489	54	(11)	114	15	(13)	257	35	(14)	68	3	(4)	50	1	(2)
Urethral/Urine	4137	151	(4)	891	47	(5)	1827	72	(4)	704	15	(2)	713	17	(2)
Riverside²	11658	834	(7)	2144	188	(9)	6180	464	(8)	1957	117	(6)	1377	65	(5)
Anorectal	2814	271	(10)	533	66	(12)	1539	150	(10)	448	35	(8)	294	20	(7)
Oral	2487	293	(12)	419	63	(15)	1342	177	(13)	423	34	(8)	303	19	(6)
Urethral/Urine	6357	270	(4)	1192	59	(5)	3299	137	(4)	1086	48	(4)	780	26	(3)
Overall	51417	3298	(6)	11318	918	(8)	25749	1781	(7)	8177	390	(5)	6159	207	(3)
Anorectal	9515	888	(9)	2105	246	(12)	5121	493	(10)	1402	102	(7)	887	47	(5)
Oral	8018	926	(12)	1564	244	(16)	4311	548	(13)	1273	91	(7)	870	43	(5)
Urethral/Urine	33884	1484	(4)	7649	428	(6)	16317	740	(5)	5502	197	(4)	4402	117	(3)

¹ In May 2010, the Riverside clinic closed for renovations and resumed services in its temporary location at Manhattanville clinic.² On 3/22/2015, the Chelsea clinic closed for renovations and starting 3/31/2015 resumed services in its temporary location at Riverside clinic.

Table 6. Anonymous and confidential¹ HIV antibody testing performed at the NYC DOHMH BSTDC clinics. HIV positivity rates for 4th quarter 2017 (January 01 - December 31, 2017), compared to 4th quarter 2016 (January 01 - December 31, 2016) and full year 2016 (January 01 - December 31, 2016).

HIV rapid and conventional tests at BSTDC clinics

	2017 through 4 th Quarter		2016 through 4 th Quarter				2016 Full Year					
	Rapid Tests		Conventional Tests ³		Rapid Tests		Conventional Tests ³		Rapid Tests		Conventional Tests ³	
	N	(%)	N	(% ²)	N	(%)	N	(% ²)	N	(%)	N	(% ²)
Confidential												
Total Tests	51156		1		43167		8		43167		8	
Receiving / Returning for Test Result	50359	(98.4)	0	(0.0)	42394	(98.2)	1	(12.5)	42394	(98.2)	1	(12.5)
Positive Results												
Total Tests	361	(0.7)	0	(0.0)	260	(0.6)	0	(0.0)	260	(0.6)	0	(0.0)
Receiving / Returning for Test Result	358	(99.2)	0	(0.0)	256	(98.5)	0	(0.0)	256	(98.5)	0	(0.0)
Anonymous												
Total Tests	458		0		670		0		670		0	
Receiving / Returning for Test Result	458	(100.0)	0	(0.0)	666	(99.4)	0	(0.0)	666	(99.4)	0	(0.0)
Positive Results												
Total Tests	6	(1.3)	0	(0.0)	2	(0.3)	0	(0.0)	2	(0.3)	0	(0.0)
Receiving / Returning for Test Result	6	(100.0)	0	(0.0)	2	(100.0)	0	(0.0)	2	(100.0)	0	(0.0)
Confidential & Anonymous												
Total Tests	51614		1		43837		8		43837		8	
Receiving / Returning for Test Result	50817	(98.5)	0	(0.0)	43060	(98.2)	1	(12.5)	43060	(98.2)	1	(12.5)
Positive Results												
Total Tests	367	(0.7)	0	(0.0)	262	(0.6)	0	(0.0)	262	(0.6)	0	(0.0)
Receiving / Returning for Test Result	364	(99.2)	0	(0.0)	258	(98.5)	0	(0.0)	258	(98.5)	0	(0.0)

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.

³ Tested by conventional test only (no rapid test done).

Table 7. Neonatal herpes cases reported to the NYC DOHMH. 4th quarter 2017 (January 01 - December 31, 2017), compared to 4th quarter 2016 (January 01 - December 31, 2016) and full year 2016 (January 01 - December 31, 2016).

	<u>2017 through 4th Quarter</u>		<u>2016 through 4th Quarter</u>		<u>2016 Full Year</u>	
	N	(%)	N	(%)	N	(%)
Female	3	(33)	5	(31)	5	(31)
HSV Type						
HSV-1	3	(100)	3	(60)	3	(60)
HSV-2	0	(0)	2	(40)	2	(40)
Untyped	0	(0)	0	(0)	0	(0)
Unknown¹	0	(0)	0	(0)	0	(0)
Male	6	(67)	11	(69)	11	(69)
HSV Type						
HSV-1	4	(67)	4	(36)	4	(36)
HSV-2	2	(33)	7	(64)	7	(64)
Untyped	0	(0)	0	(0)	0	(0)
Unknown¹	0	(0)	0	(0)	0	(0)
Total Cases	9	(100)	16	(100)	16	(100)
Total Deaths	0	(0)	0	(0)	0	(0)

¹ Provider reported cases which lack laboratory confirmation.

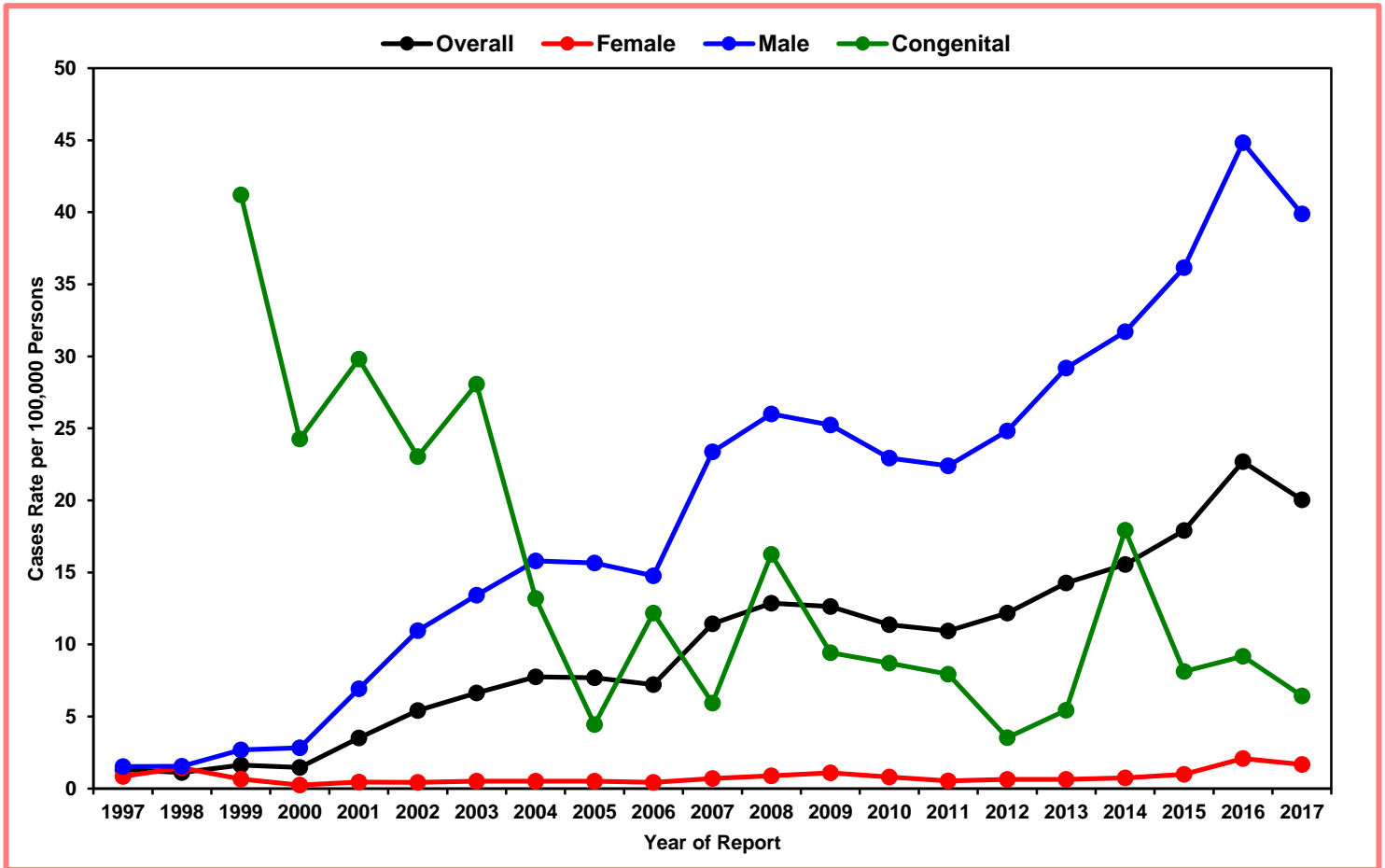
Table 8. Number of visits, to NYC DOHMH BSTDC clinics, inclusive of all reasons for visit, 4th quarter 2017 (January 01 - December 31, 2017), compared to 4th quarter 2016 (January 01 - December 31, 2016) and full year 2016 (January 01 - December 31, 2016).

Clinic	<u>2017 through 4th Quarter</u>		<u>2016 through 4th Quarter</u>		<u>2016 Full Year</u>	
	N	(%)	N	(%)	N	(%)
Central Harlem	8794	(11.0)	7535	(10.8)	7535	(10.8)
Corona	5116	(6.4)	3541	(5.1)	3541	(5.1)
Crown Heights	10443	(13.1)	9573	(13.7)	9573	(13.7)
Fort Greene	14256	(17.9)	12764	(18.2)	12764	(18.2)
Jamaica	10265	(12.9)	9897	(14.1)	9897	(14.1)
Manhattanville ¹	6814	(8.5)	5080	(7.2)	5080	(7.2)
Morrisania	8875	(11.1)	9538	(13.6)	9538	(13.6)
Riverside ²	15178	(19.0)	12153	(17.3)	12153	(17.3)
All Clinics	79741	(100.0)	70081	(100.0)	70081	(100.0)

¹ In May 2010, the Riverside clinic closed for renovations and resumed services in its temporary location at Manhattanville clinic.

² On 3/22/2015, the Chelsea clinic closed for renovations and starting 3/31/2015 resumed services in its temporary location at Riverside clinic.

Figure 3. Primary and secondary (P&S) syphilis and congenital syphilis cases reported to the NYC DOHMH. P&S syphilis case rate (per 100,000 population) by sex, and congenital syphilis cases rate (per 100,000 live births*), 1997 through 2017.**



* For 2016 and 2017 congenital rate, live birth denominator based on 2016 preliminary live birth data (Bureau of Vital Statistics, NYC DOHMH)
 ** 2017 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, 4th quarter 2017 (January 01 - December 31, 2017), compared to 4th quarter 2016 (January 01 - December 31, 2016) and full year 2016 (January 01 - December 31, 2016).

	Male P&S Cases								
	2017 through 4 th Quarter ¹			2016 through 4 th Quarter			2016 Full Year		
	N	(%)	Years	N	(%)	Years	N	(%)	Years
Male cases	1628			1830			1830		
Median age of men			31			32			32
Male cases interviewed	1150	(71)		1188	(65)		1188	(65)	
Interviewed male cases reporting sex with men (MSM)	893	(78)		923	(78)		923	(78)	
Interviewed MSM with HIV	357	(49) ²		340	(46) ²		340	(46) ²	
Median age of MSM			30			30			30

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. *Neisseria gonorrhoea* culture done, number (percentage) positive, and number (percentage) fluoroquinolone-resistant reported by BSTDC clinics, 4th quarter 2017 (January 01 - December 31, 2017), compared to 4th quarter 2016 (January 01 - December 31, 2016) and full year 2016 (January 01 - December 31, 2016).

	2017 through 4 th Quarter						2016 through 4 th Quarter						2016 Full Year					
	Gc Culture Done ¹		Gc Culture Positive		Ciprofloxacin Resistant		Gc Culture Done ¹		Gc Culture Positive		Ciprofloxacin Resistant		Gc Culture Done ¹		Gc Culture Positive		Ciprofloxacin Resistant	
	N	N (%)	N	(%)	N	(%)	N	N (%)	N	(%)	N	(%)	N	N (%)	N	(%)	N	(%)
Female	163	8 (5)	2 (25)		895	20 (2)	9 (45)		895	20 (2)	9 (45)							
Anatomic Site																		
Anal	4	0 (0)	0 (0)		2	1 (50)	0 (0)		2	1 (50)	0 (0)							
Oral	7	1 (14)	0 (0)		53	1 (2)	1 (100)		53	1 (2)	1 (100)							
Cervical	152	7 (5)	2 (29)		840	18 (2)	8 (44)		840	18 (2)	8 (44)							
Male	2069	462 (22)	189 (41)		3877	355 (9)	124 (35)		3877	355 (9)	124 (35)							
Anatomic Site																		
Anal	413	55 (13)	24 (44)		679	47 (7)	20 (43)		679	47 (7)	20 (43)							
Oral	684	21 (3)	4 (19)		2056	57 (3)	14 (25)		2056	57 (3)	14 (25)							
Urethral	972	386 (40)	161 (42)		1142	251 (22)	90 (36)		1142	251 (22)	90 (36)							
Total	2232	470 (21)	191 (41)		4772	375 (8)	133 (35)		4772	375 (8)	133 (35)							

Isolates with reduced susceptibility to azithromycin (≥ 1.5 $\mu\text{g/ml}$): N=6 (4th qtr 2017); 6 (3rd qtr 2017); 7 (2nd qtr 2017); 14 (1st qtr 2017); 33 (full year 2017).

Isolates with reduced susceptibility to cefixime (≥ 0.19 $\mu\text{g/ml}$): N=0 (4th qtr 2017); 0 (3rd qtr 2017); 1 (2nd qtr 2017); 1 (1st qtr 2017); 2 (full year 2017).

Isolates with reduced susceptibility to ceftriaxone (≥ 0.094 $\mu\text{g/ml}$): N=2 (4th qtr 2017); 2 (3rd qtr 2017); 0 (2nd qtr 2017); 0 (1st qtr 2017); 4 (full year 2017).

¹ An individual person may contribute more than one test during the interval.

Figure 4a. Female *Chlamydia trachomatis* cases reported to the NYC DOHMH. Cases by provider type, 1999 through 2017*.

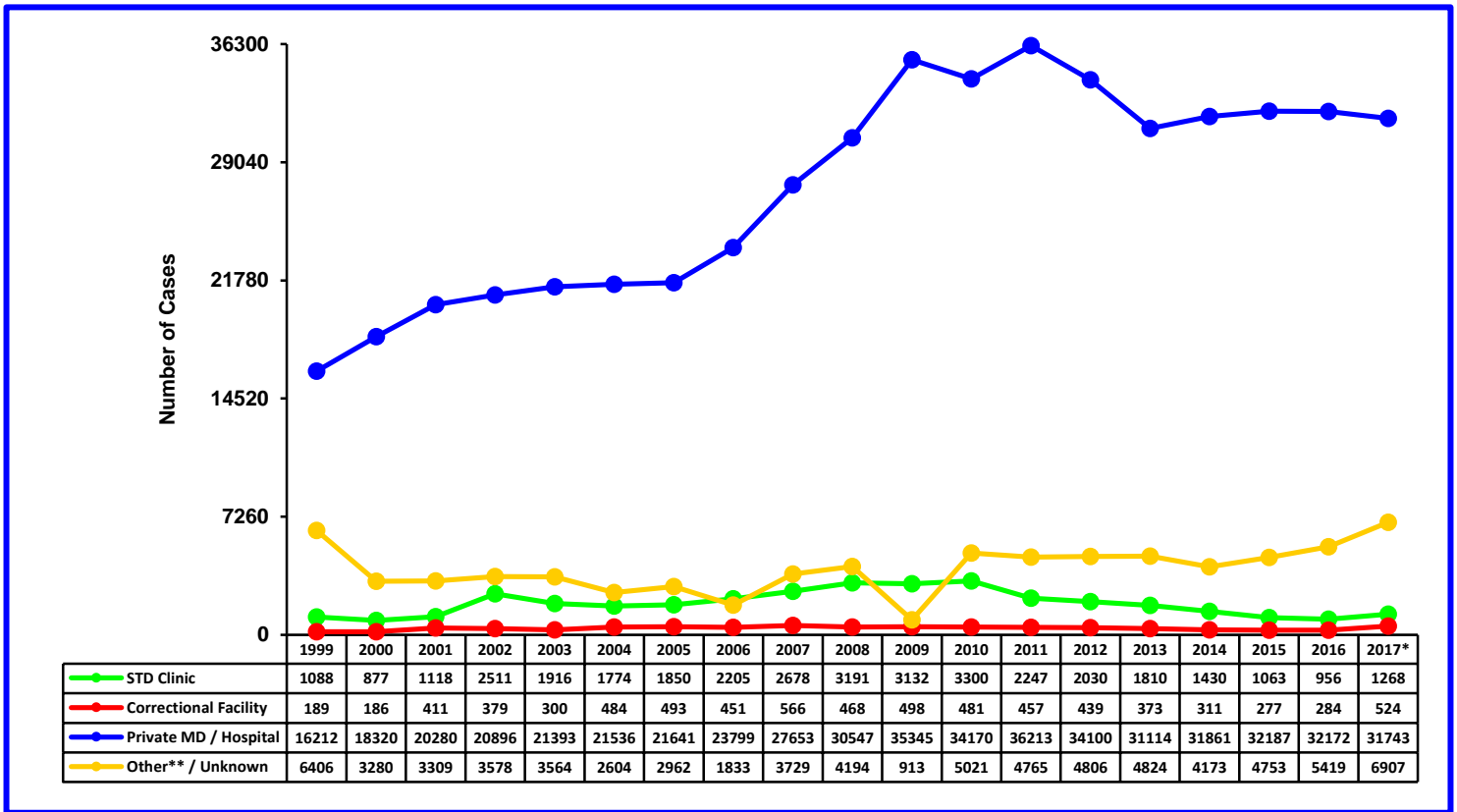
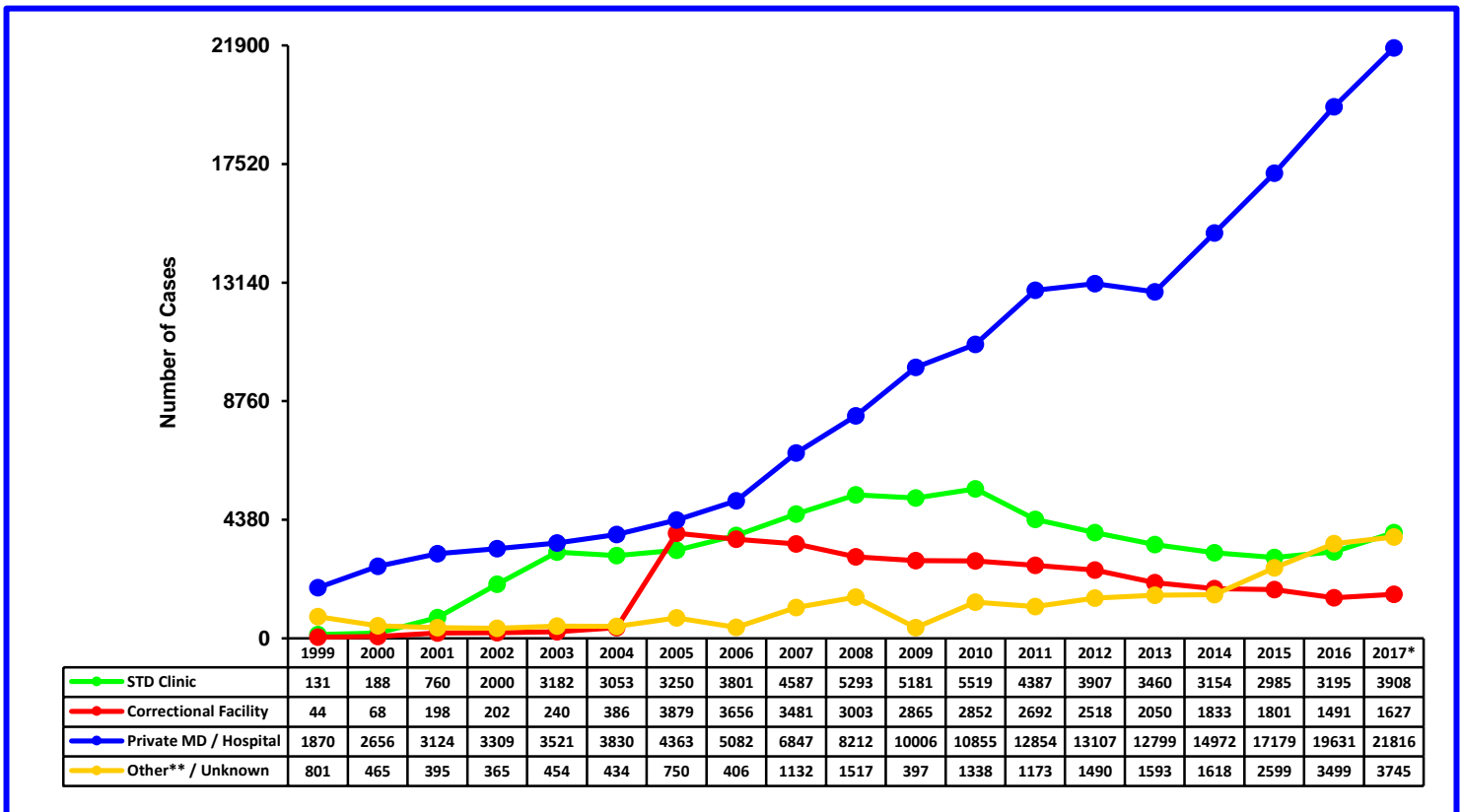


Figure 4b. Male *Chlamydia trachomatis* cases reported to the NYC DOHMH. Cases by provider type, 1999 through 2017*.



* 2017 cases based on preliminary data.

** Includes BSTD high school screening program and BSTD outreach screenings.

Figure 5a. Female *Neisseria gonorrhoeae* cases reported to the NYC DOHMH. Cases by provider type, 1999 through 2017*.

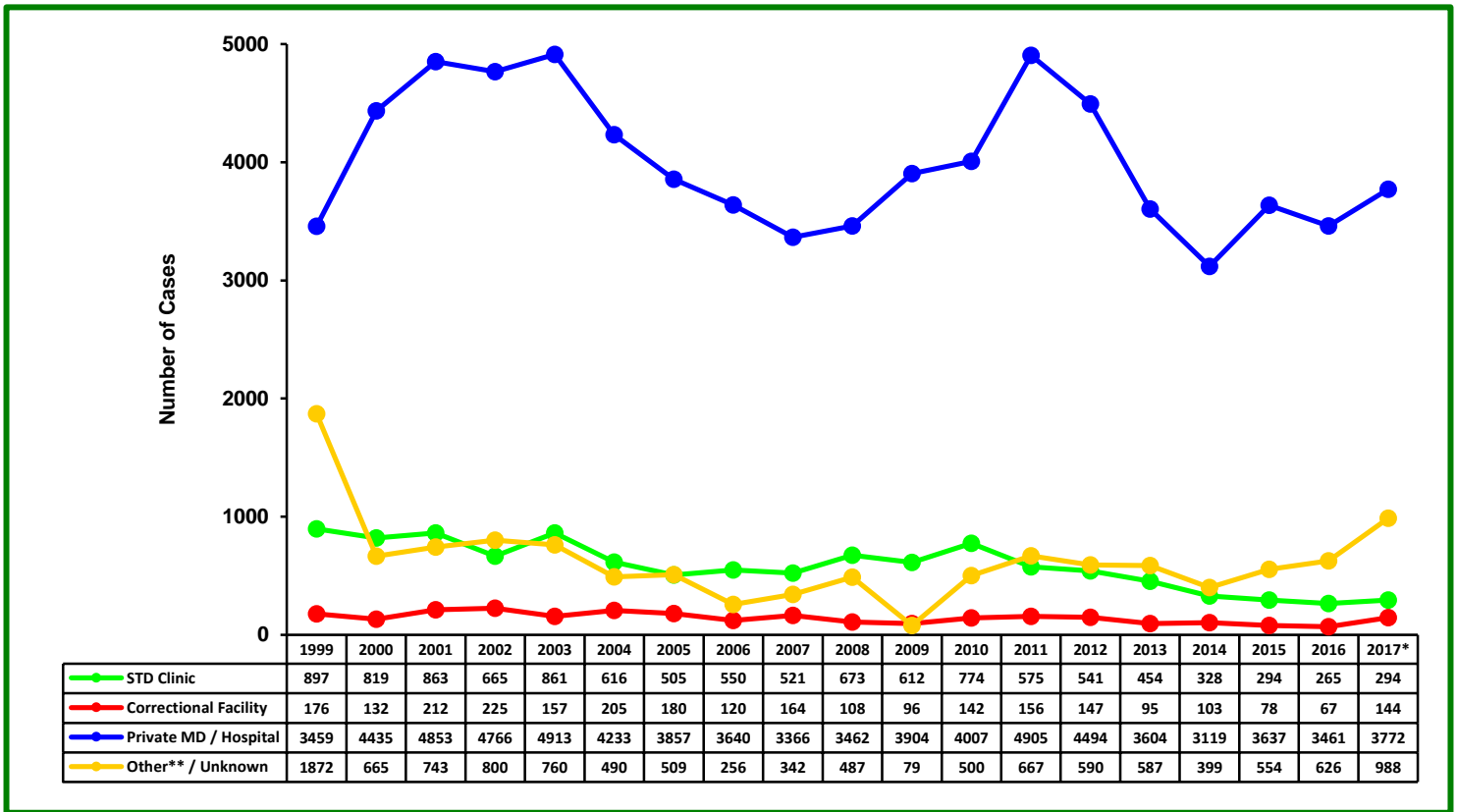
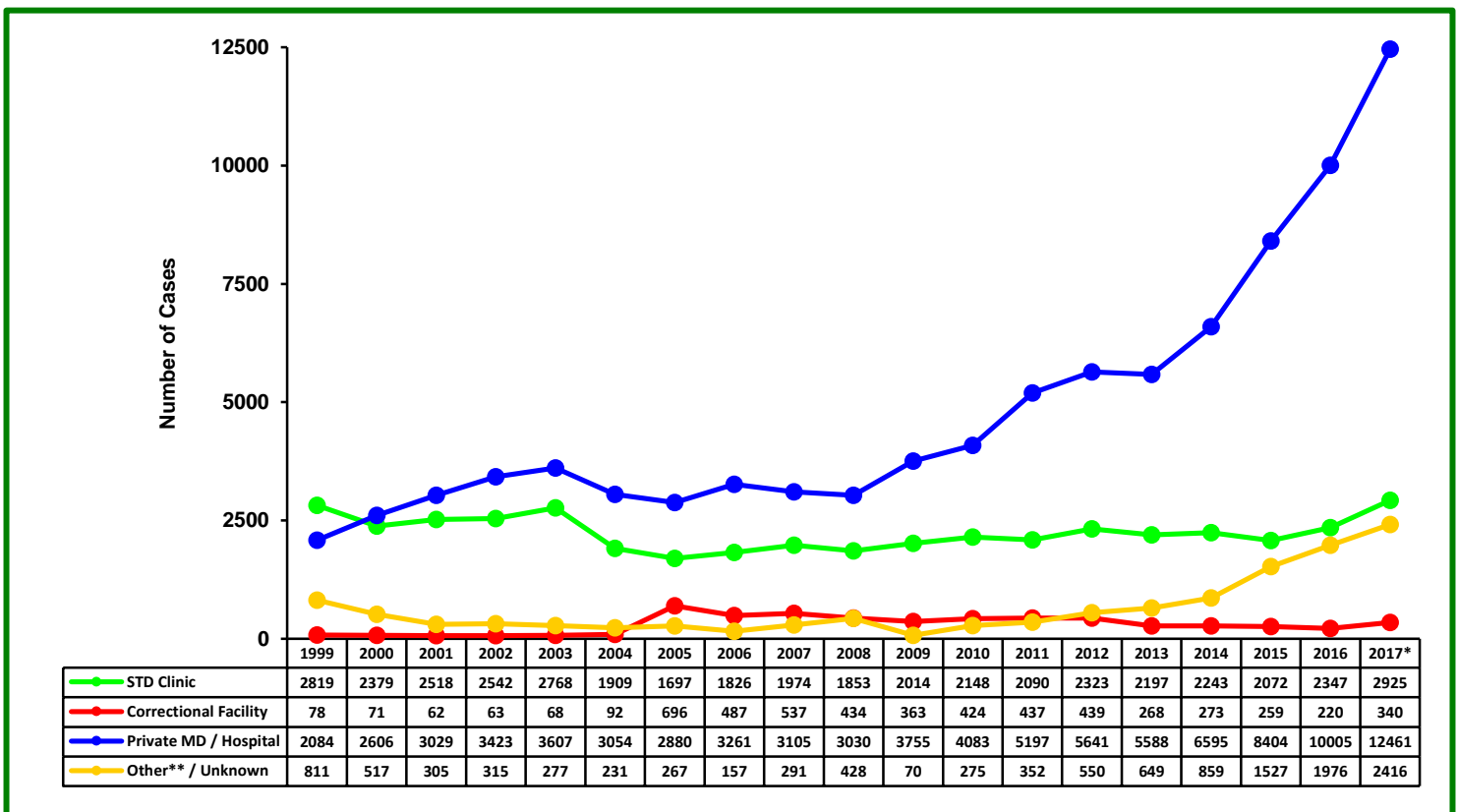


Figure 5b. Male *Neisseria gonorrhoeae* cases reported to the NYC DOHMH. Cases by provider type, 1999 through 2017*.



* 2017 cases based on preliminary data.

** Includes BSTD high school screening program and BSTD outreach screenings.

Figure 8a. Female *Chlamydia trachomatis* reported to the NYC DOHMH. Case rate per 100,000 population in New York City neighborhoods, full year 2016.

**Chlamydia Among Women in NYC
Reported 01/01/2016 - 12/31/2016**

Rate / per 100,000

- 200 - 632
- 633 - 1169
- 1170 - 1850

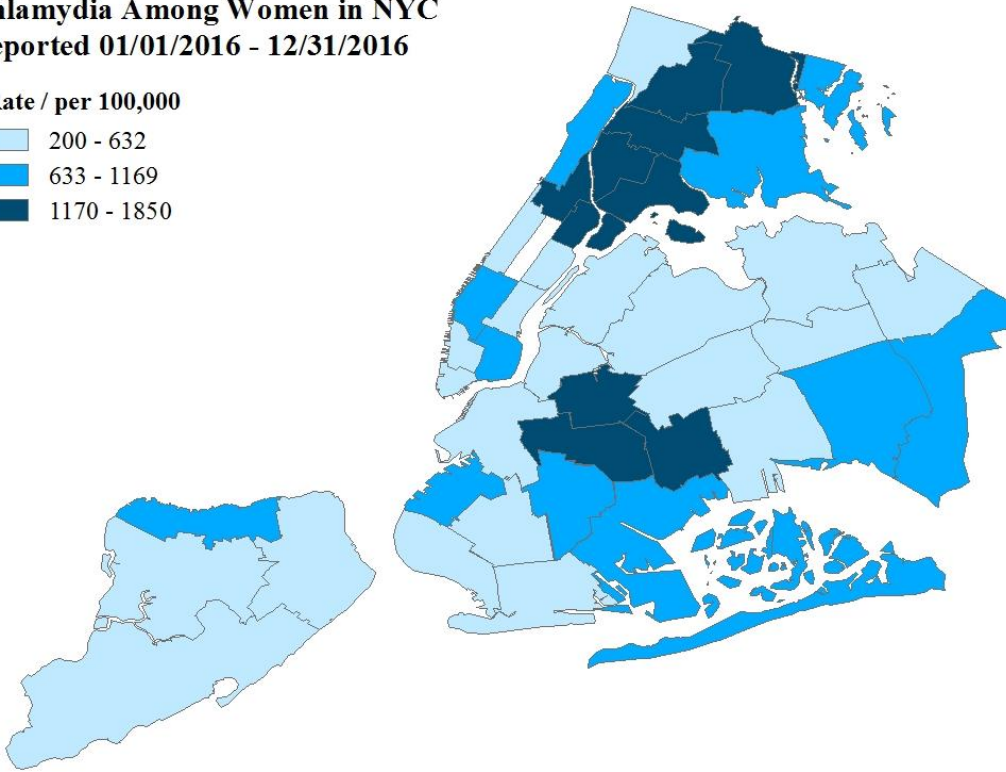


Figure 8b. Male *Chlamydia trachomatis* reported to the NYC DOHMH. Case rate per 100,000 population in New York City neighborhoods, full year 2016.

**Chlamydia Among Men in NYC
Reported 01/01/2016 - 12/31/2016**

Rate / per 100,000

- 120 - 421
- 422 - 935
- 936 - 2028

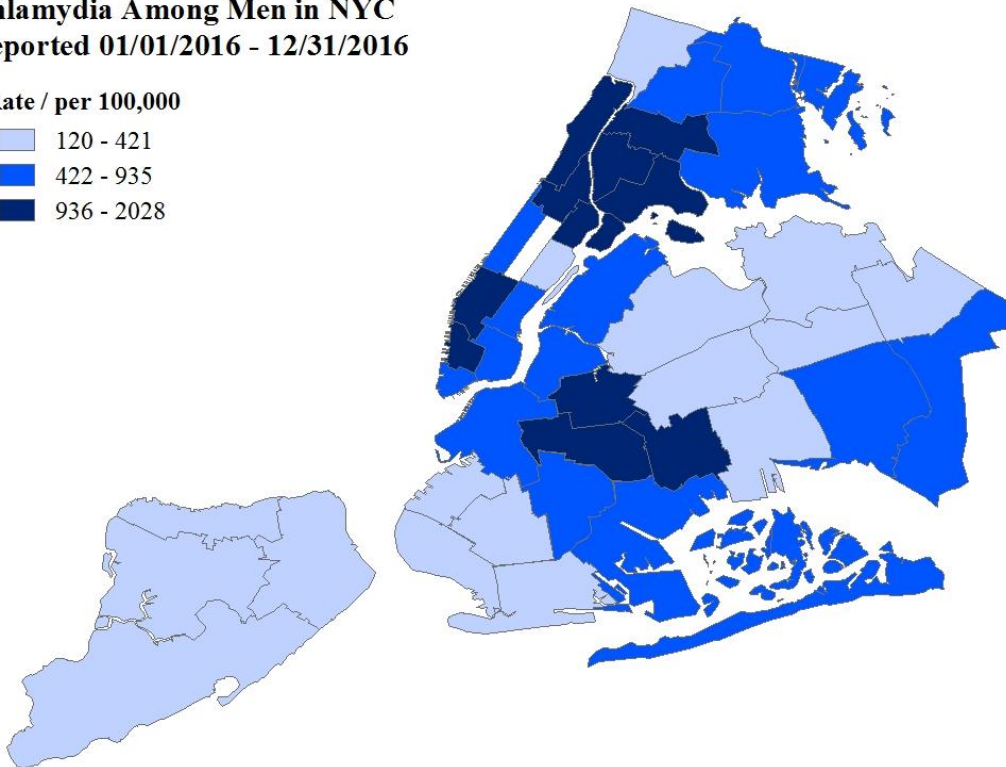


Figure 9a. Female *Neisseria gonorrhoeae* reported to the NYC DOHMH. Case rate per 100,000 population in New York City neighborhoods, full year 2016.

**Gonorrhea Among Women in NYC
Reported 01/01/2016 - 12/31/2016**

Rate / per 100,000

- 8 - 57
- 58 - 164
- 165 - 246

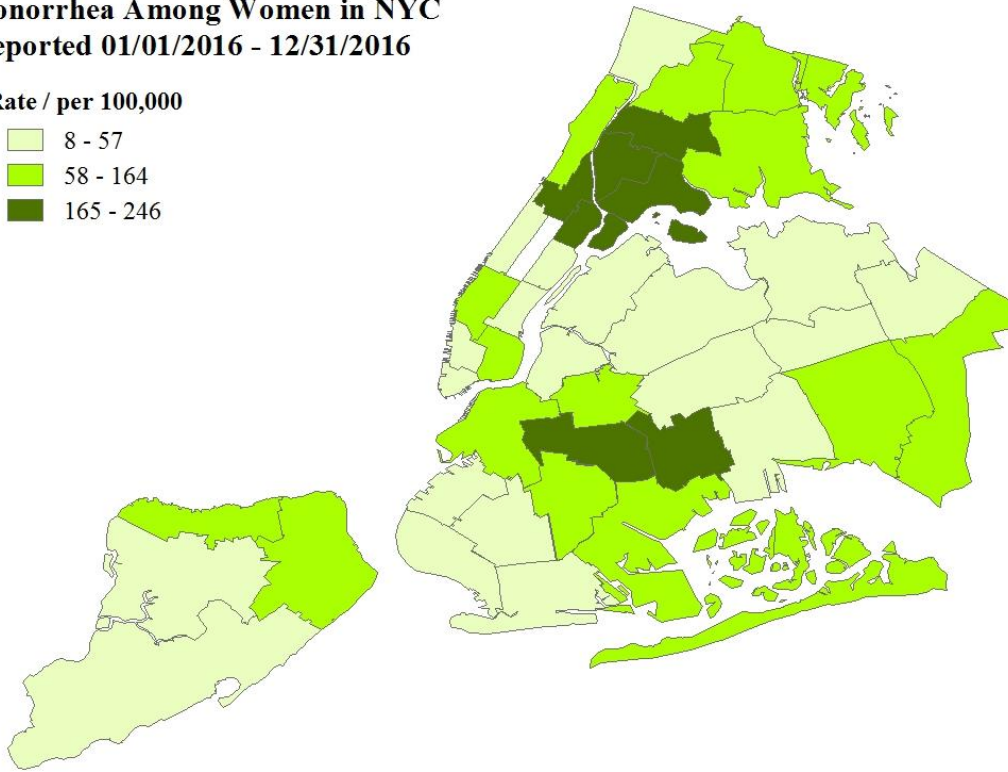
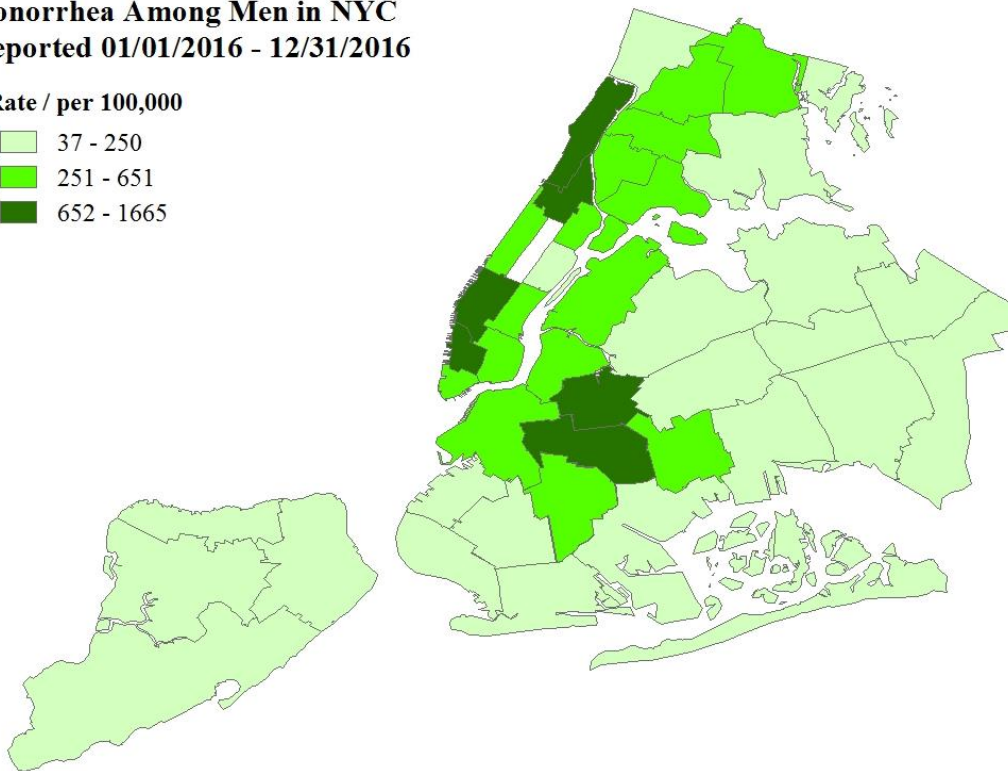


Figure 9b. Male *Neisseria gonorrhoeae* reported to the NYC DOHMH. Case rate per 100,000 population in New York City neighborhoods, full year 2016.

**Gonorrhea Among Men in NYC
Reported 01/01/2016 - 12/31/2016**

Rate / per 100,000

- 37 - 250
- 251 - 651
- 652 - 1665



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
Corona	34-33 Junction Blvd, Jackson Heights, NY 11372
Crown Heights	1218 Prospect Place (at Troy Avenue), 2 nd Floor, Brooklyn, NY 11213
Fort Greene	295 Flatbush Avenue Ext, 2 nd Floor, Brooklyn, NY 11201
Jamaica	90-37 Parsons Blvd, 1 st Floor, Jamaica, NY 11432
Manhattanville ¹	21 Old Broadway, New York, NY 10027
Morrisania	1309 Fulton Avenue, 2 nd Floor, Bronx, NY 10456
Riverside ²	160 West 100 th Street, New York, NY 10025

¹ In May 2010, the Riverside clinic closed for renovations and resumed services in its temporary location at Manhattanville clinic.

² On 3/22/2015, the Chelsea clinic closed for renovations and starting 3/31/2015 resumed services in its temporary location at Riverside clinic.

- 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.

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