

SUPPLEMENTARY TABLE 1. Gender identity, selected sexual behavior/orientation, I and clinical characteristics of unique patients and clinic visits — STD Surveillance Network, United States, 2010–2018

2010

Characteristic	Baltimore, Maryland		Seattle, Washington		Philadelphia, Pennsylvania		New York City, New York		San Francisco, California		Total	
	No. of patients	No. of visits	No. of patients	No. of visits	No. of patients	No. of visits	No. of patients	No. of visits	No. of patients	No. of visits	No. of patients	No. of visits
Total	14,185	26,863	8,308	12,773	14,030	23,506	4,6462	64,155	11,296	18,431	94,281	145,728
MSM	683	1,917	2,687	4,590	965	1,900	4,453	7,186	4,071	7,711	12,859	23,304
MSM aged ≤24 years	338	854	495	921	371	728	1,237	2,027	500	905	2,941	5,435
MSM aged ≥25 years	345	1,063	2,192	3,669	594	1,172	3,216	5,159	3,571	6,806	9,918	17,869
MSW	7,393	13,330	3,221	4,470	6,834	11,787	16,194	21,929	4,200	5,832	37,842	57,348
Males with unknown sex of sex partners	125	241	272	417	1,108	1,318	5444	5,849	13	33	6,962	7,858
Female	5,973	11,340	2,100	3,255	5,123	8,501	20,333	29,137	2,956	4,746	36,485	56,979
Female aged ≤24 years	2,981	5,455	725	1,175	2,783	4,552	10,202	15,023	1,030	1,678	17,721	27,883
Female aged ≥25 years	2,992	5,885	1,375	2,080	2,340	3,949	10131	14,114	1,926	3068	18,764	29,096
Transgender*	8	35	21	41	0	0	38	116	36	109	123	301
Known to be living with diagnosed HIV†	651	3046	510	1,013	334	641	1,256	2,208	784	1,637	3,535	8,545

Abbreviations: HIV = human immunodeficiency virus; MSM = gay, bisexual, and other men who have sex with men (collectively referred to as MSM); MSW = men who have sex with women only.

* Includes male-to-female transgender, female-to-male transgender, and transgender unspecified.

† Includes all persons for whom laboratory documentation or self-report of HIV infection was available.

2011

Characteristic	Baltimore, Maryland		Seattle, Washington		Philadelphia, Pennsylvania		New York City, New York		San Francisco, California		Total	
	No. of patients	No. of visits	No. of patients	No. of visits	No. of patients	No. of visits	No. of patients	No. of visits	No. of patients	No. of visits	No. of patients	No. of visits
Total	13,544	25,553	7,634	11,712	13,953	23,763	55,207	75,062	11,782	18,670	102,120	153,760
MSM	726	1,901	2,798	5,024	1,028	2,121	5,298	9,666	4,125	7,396	13,975	26,108
MSM aged ≤24 years	345	810	470	817	361	679	1,432	2,181	537	902	3145	5,389
MSM aged ≥25 years	381	1,091	2,328	4,065	667	1,314	3,866	6,161	3,588	6,494	10,830	19,125
MSW	6,969	12,665	2,554	3,508	6,578	11,434	16,096	22,318	4,406	6,023	36,603	55,948
Males with unknown sex of sex partners	126	198	238	366	1,222	2,619	10,455	20,231	13	22	12,054	23,436
Female	5,712	10,743	2,025	3,149	5,125	9,959	23,313	37,717	3,182	5,151	39,357	66,719
Female aged ≤24 years	2,768	5,037	679	1,040	2,678	4,587	11,330	15,949	1,088	1,770	18,543	28,383
Female aged ≥25 years	2,944	5,706	1,346	1,913	2,447	4,294	11,983	16,185	2,094	3,381	20,814	31,479
Transgender*	6	46	16	25	0	0	45	63	56	78	123	212
Known to be living with diagnosed HIV†	641	2,680	565	1,186	335	611	1,242	2,199	832	1,781	3,615	8,457

Abbreviations: HIV = human immunodeficiency virus; MSM = gay, bisexual, and other men who have sex with men (collectively referred to as MSM); MSW = men who have sex with women only.

* Includes male-to-female transgender, female-to-male transgender, and transgender unspecified.

† Includes all persons for whom laboratory documentation or self-report of HIV infection was available.

2012

Characteristic	Baltimore, Maryland		Seattle, Washington		Philadelphia, Pennsylvania		New York City, New York		San Francisco, California		Total	
	No. of patients	No. of visits	No. of patients	No. of visits	No. of patients	No. of visits	No. of patients	No. of visits	No. of patients	No. of visits	No. of patients	No. of visits
Total	12,569	23,447	7,659	11,640	13,087	23,235	52,842	71,551	11,150	18,205	97,307	148,078
MSM	813	20,92	2,814	4,925	1071	2,110	5,821	9,170	4,150	7,675	14,669	25,972
MSM aged ≤24 years	343	793	490	880	378	707	1,538	2,393	503	941	3,252	5,714
MSM aged ≥25 years	470	199	2,324	445	693	1,403	4,283	6,777	6,732	6,734	11,417	20,258
MSW	6,662	12,060	2,646	3,573	6,079	11,251	15,705	22,065	4,012	5,613	35,104	54,562
Males with unknown sex of sex partners	75	120	327	436	1,248	1,485	10,484	11,301	14	17	12,148	13,359
Female	5,002	9,134	1,853	2,674	4,689	8,389	20,778	28,935	2,915	4,792	35,237	53,924
Female aged ≤24 years	2,347	4,201	584	924	2,270	3,994	8,863	12,680	960	1,572	15,024	23,371
Female aged ≥25 years	2,655	4,933	1,269	1,750	2,419	4,395	11,915	16,255	1,955	3,220	20,213	30,553
Transgender*	14	41	12	32	0	0	54	80	59	108	139	261
Known to be living with diagnosed HIV†	609	2,339	542	1,140	376	720	1,431	2,517	935	1,980	3,893	8,696

Abbreviations: HIV = human immunodeficiency virus; MSM = gay, bisexual, and other men who have sex with men (collectively referred to as MSM); MSW = men who have sex with women only.

* Includes male-to-female transgender, female-to-male transgender, and transgender unspecified.

† Includes all persons for whom laboratory documentation or self-report of HIV infection was available.

2013

Characteristic	Baltimore, Maryland		Seattle, Washington		Philadelphia, Pennsylvania		New York City, New York		San Francisco, California		Total	
	No. of patients	No. of visits	No. of patients	No. of visits	No. of patients	No. of visits	No. of patients	No. of visits	No. of patients	No. of visits	No. of patients	No. of visits
Total	11,846	21,199	7,331	11,247	13,651	23,791	47,845	66,537	10,982	18,902	91,655	141,676
MSM	853	2,037	2,805	4,887	1,365	2,597	6,589	10,833	4,359	9,283	15,971	29,637
MSM aged ≤24 years	347	768	460	835	462	905	1,448	2,728	510	1,042	3,227	6,278
MSM aged ≥25 years	506	1,269	2,345	4,062	903	1,756	5,141	8,529	3,849	8,241	12,744	23,857
MSW	6,288	10,891	2,558	3,428	6,237	11,235	14,140	20,220	3,921	5,400	33,144	51,174
Males with unknown sex of sex partners	46	90	210	297	1,204	1,492	9,434	10,323	15	18	10,909	12,220
Female	4,644	8,142	1,736	2,596	4,845	8,467	17,623	25,069	2,623	4,075	31,471	48,349
Female aged ≤24 years	2,101	3,646	491	798	2,368	4,763	6,974	15,054	809	1,274	12,743	25,535
Female aged ≥25 years	2,543	4,496	1,245	1,804	2,477	4,418	10,649	14,813	1,814	2,801	18,728	28,332
Transgender*	15	39	14	40	0	0	59	143	64	126	151	348
Known to be living with diagnosed HIV†	546	2,016	544	1,085	455	771	1,590	2,955	972	2,114	4,097	8,941

Abbreviations: HIV = human immunodeficiency virus; MSM = gay, bisexual, and other men who have sex with men (collectively referred to as MSM); MSW = men who have sex with women only.

* Includes male-to-female transgender, female-to-male transgender, and transgender unspecified.

† Includes all persons for whom laboratory documentation or self-report of HIV infection was available.

2014

Characteristic	Baltimore, Maryland		Seattle, Washington		Philadelphia, Pennsylvania		New York City, New York		San Francisco, California		Total	
	No. of patients	No. of visits	No. of patients	No. of visits	No. of patients	No. of visits	No. of patients	No. of visits	No. of patients	No. of visits	No. of patients	No. of visits
Total	9,605	17,394	6,498	9,884	13,767	23,913	42,969	58,990	10,894	17,883	83,733	128,064
MSM	744	1,802	2,678	4,697	1,422	2,680	6,229	10,447	4,441	8,551	15,514	28,177
MSM aged ≤24 years	261	627	446	826	463	900	1,428	2,374	536	986	3,134	5,713
MSM aged ≥25 years	483	1,175	2,232	3,871	959	1,780	4,801	8,073	3,905	7,565	12,380	22,464
MSW	5,171	9,226	2,244	2,985	6,219	11,101	12,617	17,599	3,824	5,182	30,075	46,093
Males with unknown sex of sex partners	49	73	206	266	1,178	1,410	8,567	9,438	36	50	10,036	11,267
Female	3,635	6,281	1,350	1,896	4,948	8,722	15,493	21,378	2,517	3,926	27,943	42,203
Female aged ≤24 years	1,590	26,74	337	474	2,482	4,309	5,542	7,715	765	1,188	10,716	16,360
Female aged ≥25 years	2,045	3607	1,013	1,422	2,466	4,413	9,951	13663	1,752	2,738	17,227	25,843
Transgender*	6	12	10	40	0	0	63	98	76	174	155	324
Known to be living with diagnosed HIV†	567	2,057	523	1,011	444	787	1,541	2,827	928	1,892	4,003	8,574

Abbreviations: HIV = human immunodeficiency virus; MSM = gay, bisexual, and other men who have sex with men (collectively referred to as MSM); MSW = men who have sex with women only.

* Includes male-to-female transgender, female-to-male transgender, and transgender unspecified.

† Includes all persons for whom laboratory documentation or self-report of HIV infection was available.

2015

Characteristic	Baltimore, Maryland		Seattle, Washington		Philadelphia, Pennsylvania		New York City, New York		San Francisco, California		Total	
	No. of patients	No. of visits	No. of patients	No. of visits	No. of patients	No. of visits	No. of patients	No. of visits	No. of patients	No. of visits	No. of patients	No. of visits
Total	7,462	11,881	6,569	9,306	13,427	23,557	25,465	38,035	10,583	18,516	63,506	101,295
MSM	555	987	3,233	4851	1,682	3,105	5,591	9,785	4,650	9,803	15,711	28,531
MSM aged ≤24 years	123	195	539	771	377	661	732	1,116	362	667	2,133	3,410
MSM aged ≥25 years	432	792	2,694	4,080	1,305	2,444	4,859	8,669	4,288	9,136	13,578	25,121
MSW	3,885	6,104	1,073	1,401	6,346	11,264	9,542	12,987	3,370	4,617	24,216	36,373
Males with unknown sex of sex partners	156	184	1,747	2,390	773	932	1,097	1,580	23	42	3,796	5,128
Female	2,853	4,587	415	509	4,626	8,256	9,144	13,542	2,458	3,857	19,496	30,751
Female aged ≤24 years	1,017	1617	103	131	2,061	3,525	2,794	3,859	607	871	6,582	10,003
Female aged ≥25 years	1,836	2,970	312	378	2,565	4,731	6,350	9,683	1,851	2,986	12,914	20,748
Transgender*	13	23	53	127	0	0	76	221	79	196	221	567
Known to be living with diagnosed HIV†	367	678	709	996	591	1,055	1,490	3,055	1,088	2,489	4,245	8,273

Abbreviations: HIV = human immunodeficiency virus; MSM = gay, bisexual, and other men who have sex with men (collectively referred to as MSM); MSW = men who have sex with women only.

* Includes male-to-female transgender, female-to-male transgender, and transgender unspecified.

† Includes all persons for whom laboratory documentation or self-report of HIV infection was available.

2016

Characteristic	Baltimore, Maryland		Seattle, Washington		Philadelphia, Pennsylvania		New York City, New York		San Francisco, California		Total	
	No. of patients	No. of visits	No. of patients	No. of visits	No. of patients	No. of visits	No. of patients	No. of visits	No. of patients	No. of visits	No. of patients	No. of visits
Total	6,891	11,039	6,129	10,077	12,998	23,107	23,771	39,061	9,786	17,658	59,575	100,942
MSM	588	1,228	2,827	5,157	1,844	3,856	6,267	12,356	4,688	10,181	16,214	32,778
MSM aged ≤24 years	111	182	544	1,000	488	981	783	1,469	402	826	2,328	4,458
MSM aged ≥25 years	477	1,046	2,283	4,157	1,356	2,875	5,484	10,887	4,286	9,355	13,886	28,320
MSW	3,576	5,532	1,315	1,833	5,985	10,573	8,192	11,949	3,024	4,075	22,092	33,962
Males with unknown sex of sex partners	130	159	1,288	2,172	741	915	920	1,417	15	28	3,094	4,691
Female	2,582	4,096	614	764	4,428	7,763	8,259	13,102	1,976	3,168	17,859	28,893
Female aged ≤24 years	872	1,311	168	222	1,934	3,334	2,432	3,620	476	696	5,882	9,183
Female aged ≥25 years	1,710	2,785	446	542	2,494	4,429	5,827	9,482	1,500	2,472	11,977	19,710
Transgender*	15	24	53	151	0	0	114	237	80	206	262	618
Known to be living with diagnosed HIV†	355	646	587	1,123	573	1,108	1,440	3,203	1,025	2,460	3,980	8,540

Abbreviations: HIV = human immunodeficiency virus; MSM = gay, bisexual, and other men who have sex with men (collectively referred to as MSM); MSW = men who have sex with women only.

* Includes male-to-female transgender, female-to-male transgender, and transgender unspecified.

† Includes all persons for whom laboratory documentation or self-report of HIV infection was available.

2017

Characteristic	Baltimore, Maryland		Seattle, Washington		Philadelphia, Pennsylvania		New York City, New York		San Francisco, California		Total	
	No. of patients	No. of visits	No. of patients	No. of visits	No. of patients	No. of visits	No. of patients	No. of visits	No. of patients	No. of visits	No. of patients	No. of visits
Total	6,981	11,550	6,017	10,869	12,336	20,545	25,509	41,709	9,188	17,103	60,031	101,776
MSM	678	1,634	2,710	5,851	2,100	4,398	7,644	15,490	4,469	9,986	17,601	37,359
MSM aged ≤24 years	149	330	310	623	532	955	1,134	2,246	390	823	2,515	4,977
MSM aged ≥25 years	529	1,304	2,400	5,228	1,568	3,443	6,510	13,244	4,079	9,163	165,94	32,382
MSW	3,671	5,787	1,503	2,257	5,668	9,075	8,326	11,446	2,766	3,881	21,934	32,446
Males with unknown sex of sex partners	96	119	897	1,476	527	607	799	1,138	24	41	2,343	3,381
Female	2,518	3,986	847	1,191	4,041	6,465	8,562	13,295	1,838	3,002	17,806	27,939
Female aged ≤24 years	847	1,331	181	261	1,763	2,709	2,705	4,069	440	663	5,936	9,033
Female aged ≥25 years	1671	2,655	666	930	2,278	3,756	5,857	9,226	1,398	2,339	11,870	18,906
Transgender*	17	24	50	94	0	0	141	340	85	193	293	651
Known to be living with diagnosed HIV†	368	600	510	994	595	1,074	1,736	3,607	1,014	2,459	4,223	8,734

Abbreviations: HIV = human immunodeficiency virus; MSM = gay, bisexual, and other men who have sex with men (collectively referred to as MSM); MSW = men who have sex with women only.

* Includes male-to-female transgender, female-to-male transgender, and transgender unspecified.

† Includes all persons for whom laboratory documentation or self-report of HIV infection was available.

Characteristic	Baltimore, Maryland		Seattle, Washington		Philadelphia, Pennsylvania		New York City, New York		San Francisco, California		Total	
	No. of patients	No. of visits	No. of patients	No. of visits	No. of patients	No. of visits	No. of patients	No. of visits	No. of patients	No. of visits	No. of patients	No. of visits
Total	7,572	12,579	6,378	12,095	11,936	18,203	26,600	43,073	8,686	16,325	61,172	102,275
MSM	718	1,619	3,082	6,853	2,293	4,373	8,416	15,930	4,003	9,169	18,512	37,944
MSM aged ≤24 years	153	341	371	762	537	932	1,322	2,438	396	776	2,779	5,249
MSM aged ≥25 years	565	1,278	2,711	6,091	1,756	3,441	7,094	13,492	3,607	8,393	15,733	32,695
MSW	3,804	6,157	1,201	1,864	5,587	7,910	8,444	11,618	2,745	3,902	21,781	31,451
Males with unknown sex of sex partners	252	336	1,371	2,232	287	303	816	1,137	68	106	2,794	4,114
Female	2,781	4,435	647	994	3,769	5,617	8,738	14,090	1,786	2,968	17,721	28,104
Female aged ≤24 years	889	1,427	129	213	1,533	2,333	2,965	4,808	446	747	5,962	9,528
Female aged ≥25 years	1,892	3,008	518	781	2,236	3,284	5,773	9,282	1,340	2,221	11,759	18,576
Transgender*	16	32	46	152	0	0	159	198	78	180	299	662
Known to be living with diagnosed HIV†	325	556	689	1,312	312	541	1,654	3,358	865	2,214	3,845	7,981

Abbreviations: HIV = human immunodeficiency virus; MSM = gay, bisexual, and other men who have sex with men (collectively referred to as MSM); MSW = men who have sex with women only.

* Includes male-to-female transgender, female-to-male transgender, and transgender unspecified.

† Includes all persons for whom laboratory documentation or self-report of HIV infection was available.

SUPPLEMENTRY TABLE 2. Percentage and standard error (SE) of unique sexually transmitted disease clinic patients, by gender identity and selected sexual behavior/orientation characteristics — STD Surveillance Network, United States, 2010–2018

Characteristic	2010		2011		2012		2013		2014		2015		2016		2017		2018	
	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE
MSM	17.9	0.04	17.7	0.04	19.9	0.04	21.8	0.05	22.9	0.05	28.0	0.07	28.6	0.07	30.0	0.07	30.9	0.07
MSW	42.3	0.04	39.3	0.06	39.9	0.05	39.8	0.05	39.6	0.05	38.0	0.06	36.9	0.05	37.2	0.04	35.8	0.05
Males with unknown sex of sex partners	4.8	0.02	8.4	0.04	6.7	0.02	6.4	0.02	6.5	0.02	5.1	0.01	5.1	0.01	5.0	0.01	5.2	0.01
Female	34.7	0.04	35.0	0.03	33.1	0.04	31.8	0.03	30.8	0.03	27.6	0.07	27.3	0.05	27.3	0.04	26.4	0.05
Transgender*	0.2	0.001	0.2	0.001	0.2	0.001	0.2	0.001	0.3	0.001	1.0	0.001	0.6	0.001	0.6	0.001	0.6	0.002

Abbreviations: MSM = gay, bisexual, and other men who have sex with men (collectively referred to as MSM); MSW = men who have sex with women only.

* Includes male-to-female transgender, female-to-male transgender, and transgender unspecified.

SUPPLEMENTARY TABLE 3. Percentage of unique MSM attending participating sexually transmitted disease clinics, by race/ethnicity — STD Surveillance Network, United States, 2010–2018

Race/ethnicity	2010		2011		2012		2013		2014		2015		2016		2017		2018	
	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE
NH White	37.5	10.2	37.9	8.8	37.0	9.0	38.0	8.5	37.0	8.1	30.6	5.6	31.9	5.1	34.4	5.4	33.1	3.7
NH Black	38.8	10.7	36.8	9.4	36.6	9.6	33.8	8.5	33.2	8.3	33.2	7.9	32.1	7.7	30.3	7.1	29.0	6.7
Hispanic	14.8	4.9	15.3	5.2	15.4	5.0	15.5	4.7	15.7	4.9	17.8	5.4	18.4	5.0	18.3	5.3	20.7	4.2
NH Asian/NHOPI	5.1	0.2	5.2	0.2	5.5	0.2	5.9	0.2	6.1	0.2	5.0	0.2	6.1	0.2	7.0	0.2	6.5	0.2
NH other*	3.8	1.0	4.8	1.0	5.5	1.1	6.8	1.7	8.0	2.1	13.4	2.8	11.5	2.9	10.0	2.1	10.7	1.7

Abbreviations: MSM = gay, bisexual, and other men who have sex with men (collectively referred to as MSM); NH = non-Hispanic; NHOPI = Native Hawaiian and other Pacific Islander; SE = standard error.

* Includes American Indian/Alaska Native, multiple races, and unknown race.

SUPPLEMENTARY TABLE 4. Percentage of patients attending participating sexually transmitted disease clinics who were known to be living with diagnosed HIV by gender identity and selected sexual behavior/orientation characteristics — STD Surveillance Network, United States, 2010–2018

Characteristic	2010		2011		2012		2013		2014		2015		2016		2017		2018	
	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE
MSM	22.5	2.0	22.6	2.1	23.1	2.1	22.8	1.8	23.6	2.1	24.6	2.3	22.6	1.9	21.8	1.6	17.7	1.8
MSW	1.1	0.3	1.0	0.3	1.1	0.3	1.1	0.3	1.2	0.3	1.3	0.2	1.1	0.2	1.1	0.2	1.2	0.2
Females	0.9	0.2	0.9	0.2	1.0	0.2	1.0	0.2	1.2	0.3	0.9	0.2	1.1	0.2	1.1	0.2	1.0	0.2
Transgender*	10.9	4.5	17.3	8.5	11.5	4.2	11.2	3.1	14.7	6.2	21.2	5.6	16.6	5.2	16.0	5.1	13.0	1.9

Abbreviations: HIV = human immunodeficiency virus; MSM = gay, bisexual, and other men who have sex with men (collectively referred to as MSM); MSW = men who have sex with women only; SE = standard error.

* Includes male-to-female transgender, female-to-male transgender, and transgender unspecified.

SUPPLEMENTARY TABLE 5. Percentage of sexually transmitted disease (STD) clinic visits* of patients† who received an HIV test within ±14 days of an acute STD diagnosis,§ by gender identity and selected sexual behavior/orientation characteristics — STD Surveillance Network, United States, 2010–2018

Characteristic	2010		2011		2012		2013		2014		2015		2016		2017		2018	
	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE
MSM	62.7	0.05	64.4	0.05	61.6	0.05	64.8	0.07	65.8	0.05	71.1	0.04	72.8	0.02	71.8	0.03	71.4	0.04
MSW	55.8	0.07	50.0	0.09	53.4	0.07	57.5	0.06	56.4	0.07	62.2	0.08	62.6	0.07	64.0	0.07	65.2	0.07
Females	52.5	0.06	51.0	0.07	51.4	0.05	54.0	0.05	51.3	0.05	64.7	0.06	63.3	0.07	63.4	0.07	66.9	0.07

Abbreviations: HIV = human immunodeficiency virus; MSM = gay, bisexual, and other men who have sex with men (collectively referred to as MSM); MSW = men who have sex with women only; SE = standard error.

* Does not include express visits (triage-based STD screening visits for asymptomatic patients whose history is negative for risk factors and who do not receive a comprehensive exam).

† Not known to be living with diagnosed HIV, either by self-report or by laboratory HIV testing, prior to the visit which the acute STD diagnosis was made.

§ Acute STD diagnosis refers to a diagnosis of chlamydia, gonorrhea, or primary or secondary syphilis.

SUPPLEMENTARY TABLE 6. Percentage of sexually transmitted disease (STD) clinic visits* of patients† who received an HIV test within ±14 days of an acute STD diagnosis,§ by gender identity and selected sexual behavior/orientation characteristics, STD and anatomic site of infection — STD Surveillance Network, United States, 2010–2018

MSM

Characteristic	2010		2011		2012		2013		2014		2015		2016		2017		2018	
	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE
Rectal GC	65.5	0.07	66.2	0.06	68.8	0.06	66.8	0.06	73.5	0.03	73.2	0.05	75.1	0.03	73.4	0.02	70.4	0.05
Pharyngeal GC	67.0	0.08	70.5	0.05	66.5	0.07	69.3	0.08	71.0	0.06	79.4	0.04	79.7	0.01	75.6	0.03	72.	0.04
Urogenital GC	62.1	0.05	61.7	0.04	59.0	0.04	65.2	0.05	71.2	0.03	73.8	0.02	72.	0.03	72.4	0.03	69.9	0.04
Syphilis	55.9	0.07	58.9	0.07	56.1	0.07	60.3	0.10	60.9	0.08	66.1	0.08	67.8	0.03	64.2	0.05	65.8	0.06
Rectal CT	65.4	0.06	71.2	0.06	62.9	0.07	68.2	0.06	68.4	0.06	73.2	0.04	75.7	0.03	80.6	0.02	77.1	0.03
Pharyngeal CT	45.0	0.11	82.0	0.07	56.0	0.09	64.0	0.09	76.0	0.08	76.0	0.04	83.0	0.03	84.9	0.03	86.7	0.03
Urogenital CT	65.4	0.05	66.5	0.06	62.1	0.04	63.6	0.08	73.7	0.04	74.5	0.03	72.8	0.03	74.4	0.03	71.2	0.05

Abbreviations: CT = *Chlamydia trachomatis*; GC = *Neisseria gonorrhoeae*; MSM = gay, bisexual, and other men who have sex with men (collectively referred to as MSM); MSW = men who have sex with women only; SE = standard error.

* Does not include express visits (triage-based STD screening visits for asymptomatic patients whose history is negative for risk factors and who do not receive a comprehensive exam).

† Not known to be living with diagnosed HIV, either by self-report or by laboratory HIV testing, prior to the visit which the acute STD diagnosis was made.

§ Acute STD diagnosis refers to a diagnosis of chlamydia, gonorrhea, or primary or secondary syphilis.

MSW

Characteristic	2010		2011		2012		2013		2014		2015		2016		2017		2018	
	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE
Pharyngeal GC	61.5	0.11	85.2	0.05	88.6	0.04	70.2	0.06	72.1	0.04	77.1	0.04	67.9	0.10	82.6	0.03	82.7	0.03
Urogenital GC	52.6	0.07	49.8	0.07	57.3	0.04	66.7	0.04	61.1	0.06	62.2	0.07	65.5	0.06	66.0	0.05	69.5	0.05
Syphilis	64.3	0.04	53.2	0.05	60.4	0.07	60.5	0.05	56.2	0.04	76.7	0.04	72.7	0.05	73.2	0.04	63.3	0.10
Rectal CT	67.3	0.07	78.3	0.11	71.3	0.18	68.6	0.07	75.5	0.14	87.4	0.05	96.6	0.03	97.2	0.03	81.5	0.08
Pharyngeal CT	56.6	0.09	50.8	0.14	52.1	0.11	56.9	0.09	52.9	0.10	61.7	0.10	63.6	0.10	66.4	0.09	67.5	0.03
Urogenital CT	61.5	0.11	85.2	0.05	88.6	0.04	70.2	0.06	72.1	0.04	77.1	0.04	67.9	0.10	82.6	0.03	82.7	0.03

Abbreviations: CT = *Chlamydia trachomatis*; GC = *Neisseria gonorrhoeae*; MSM = gay, bisexual, and other men who have sex with men (collectively referred to as MSM); MSW = men who have sex with women only; SE = standard error.

* Does not include express visits (triage-based STD screening visits for asymptomatic patients whose history is negative for risk factors and who do not receive a comprehensive exam).

† Not known to be living with diagnosed HIV, either by self-report or by laboratory HIV testing, prior to the visit which the acute STD diagnosis was made.

§ Acute STD diagnosis refers to a diagnosis of chlamydia, gonorrhea, or primary or secondary syphilis.

Females

Characteristic	2010		2011		2012		2013		2014		2015		2016		2017		2018	
	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE
Rectal GC	85.8	0.06	60.2	0.16	73.3	0.04	86.4	0.04	66.0	0.11	92.0	0.06	92.8	0.05	84.9	0.04	90.5	0.03
Pharyngeal GC	64.8	0.09	89.2	0.09	75.0	0.15	92.8	0.07	82.0	0.10	90.9	0.10	82.1	0.07	93.4	0.04	71.0	0.14
Urogenital GC	64.6	0.07	63.7	0.05	68.2	0.04	71.3	0.05	64.2	0.07	67.6	0.06	69.9	0.07	72.5	0.05	61.2	0.14
Syphilis	51.3	0.07	51.4	0.08	66.7	0.09	65.9	0.07	59.6	0.09	80.2	0.08	90.3	0.04	82.0	0.08	65.1	0.08
Rectal CT	85.8	0.06	60.2	0.16	73.3	0.04	86.4	0.04	66.0	0.11	92.0	0.06	92.8	0.05	84.9	0.04	90.5	0.03
Pharyngeal CT	74.4	0.05	66.7	0.06	67.1	0.06	61.3	0.06	61.0	0.11	85.0	0.08	82.1	0.04	85.4	0.04	67.9	0.19
Urogenital CT	64.6	0.07	63.7	0.05	68.2	0.04	71.3	0.05	64.2	0.07	67.6	0.06	69.9	0.07	72.5	0.05	61.2	0.14

Abbreviations: CT = *Chlamydia trachomatis*; GC = *Neisseria gonorrhoeae*; MSM = gay, bisexual, and other men who have sex with men (collectively referred to as MSM); MSW = men who have sex with women only; SE = standard error.

* Does not include express visits (triage-based STD screening visits for asymptomatic patients whose history is negative for risk factors and who do not receive a comprehensive exam).

† Not known to be living with diagnosed HIV, either by self-report or by laboratory HIV testing, prior to the visit which the acute STD diagnosis was made.

§ Acute STD diagnosis refers to a diagnosis of chlamydia, gonorrhea, or primary or secondary syphilis.

SUPPLEMENTARY TABLE 7. Percentage of unique females aged 15–24 years who were screened for chlamydia, by year and age group — STD Surveillance Network, United States, 2010–2018

Age 15–19 years

	2010		2011		2012		2013		2014		2015		2016		2017		2018	
	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE
CT-screened	84.4	0.02	87.3	0.01	86.8	0.02	84.9	0.02	84.8	0.02	82.5	0.05	80.9	0.06	82.4	0.06	89.3	0.04
CT-positive	21.5	0.03	22.2	0.02	20.3	0.02	21.8	0.02	20.0	0.01	25.6	0.04	23.3	0.03	25.6	0.03	30.5	0.04

Abbreviations: CT = *Chlamydia trachomatis*; SE = standard error.

Age 20–24 years

	2010		2011		2012		2013		2014		2015		2016		2017		2018	
	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE
CT-screened	90.7	0.01	91.9	0.01	91.9	0.016	90.5	0.01	88.8	0.02	85.3	0.04	85.9	0.04	90.5	0.04	93.8	0.03
CT-positive	13.5	0.01	12.7	0.02	11.8	0.01	12.5	0.02	11.8	0.02	14.1	0.02	15.1	0.02	14.9	0.02	15.6	0.01

Abbreviations: CT = *Chlamydia trachomatis*; SE = standard error.

Total (15–24 years)

	2010		2011		2012		2013		2014		2015		2016		2017		2018	
	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE
CT-screened	88.6	0.01	90.3	0.01	90.3	0.01	88.9	0.01	87.4	0.02	84.4	0.04	87.5	0.04	87.6	0.04	90.6	0.03
CT-positive	16.2	0.02	15.3	0.02	13.9	0.02	14.8	0.02	13.7	0.02	16.9	0.03	17.1	0.02	17.8	0.02	19.9	0.02

Abbreviations: CT = *Chlamydia trachomatis*; SE = standard error.

SUPPLEMENTARY TABLE 8. Percentage of unique females aged 15–24 years screened for chlamydia, by year and race/ethnicity — STD Surveillance Network, United States, 2010–2018

NH Asian/NHOPI

	2010		2011		2012		2013		2014		2015		2016		2017		2018	
	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE
CT-screened	91.5	0.02	88.9	0.02	89.7	0.03	88.1	0.03	86.6	0.02	86.2	0.06	89.1	0.02	90.2	0.02	93.3	0.02
CT-positive	13.6	0.04	13.3	0.03	10.8	0.02	16.5	0.03	8.6	0.03	9.1	0.03	12.5	0.04	14.4	0.05	15.9	0.04

Abbreviations: CT = *Chlamydia trachomatis*; NH = non-Hispanic; NHOPI = Native Hawaiian and Other Pacific Islander.
SE = standard error.

NH Black

	2010		2011		2012		2013		2014		2015		2016		2017		2018	
	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE
CT-screened	88.1	0.02	90.6	0.01	90.6	0.01	89.5	0.01	88.1	0.02	86.8	0.05	86.9	0.05	85.8	0.05	88.0	0.03
CT-positive	19.7	0.09	17.3	0.01	16.4	0.01	15.8	0.01	16.0	0.01	19.0	0.02	19.0	0.02	21.0	0.01	22.0	0.02

Abbreviations: CT = *Chlamydia trachomatis*; NH = non-Hispanic.
SE = standard error.

Hispanic

	2010		2011		2012		2013		2014		2015		2016		2017		2018	
	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE
CT-screened	88.4	0.02	91.9	0.01	89.6	0.01	88.3	0.02	87.2	0.02	80.5	0.03	89.9	0.04	87.8	0.04	87.5	0.03
CT-positive	14.5	0.02	12.7	0.03	12.6	0.03	16.4	0.03	14.7	0.04	17.3	0.02	15.1	0.01	16.3	0.03	17.5	0.03

Abbreviations: CT = *Chlamydia trachomatis*.
SE = standard error.

NH White

	2010		2011		2012		2013		2014		2015		2016		2017		2018	
	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE
CT-screened	91.2	0.01	91.3	0.02	91.2	0.01	90.0	0.02	90.0	0.02	92.7	.06	87.1	0.04	87.4	0.04	86.6	0.01
CT-positive	10.4	0.01	9.3	0.02	11.1	0.02	10.0	0.02	9.3	0.015	13.1	.02	12.9	0.02	13.5	0.02	15.2	0.03

Abbreviations: CT = *Chlamydia trachomatis*; NH = non-Hispanic.
SE = standard error.

NH Other

	2010		2011		2012		2013		2014		2015		2016		2017		2018	
	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE
CT-screened	87.8	0.02	91.7	0.01	90.7	0.02	89.2	0.01	89.3	0.03	92.0	0.05	88.4	0.06	88.5	0.04	92.9	0.03
CT-positive	14.4	0.03	18.3	0.015	12.8	0.03	16.5	0.04	12.1	0.05	19.6	0.06	20.4	0.05	18.3	0.03	19.2	0.02

Abbreviations: CT = *Chlamydia trachomatis*; NH = non-Hispanic. SE = standard error.

SUPPLEMENTARY TABLE 9. Percentage of unique females aged 15–24 who were rescreened for chlamydia within 8–16 weeks after a chlamydia diagnosis, by year — STD Surveillance Network, United States, 2010–2018

	2010		2011		2012		2013		2014		2015		2016		2017		2018	
	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE
CT-rescreened	11.4	0.02	12.2	0.3	12.4	0.03	10.0	0.03	10.5	0.03	11.7	0.03	12.3	0.03	14.6	0.02	13.3	0.04

Abbreviations: CT = *Chlamydia trachomatis*; SE = standard error.

SUPPLEMENTARY TABLE 10. Percentage of unique MSM screened and positive for rectal chlamydia and gonorrhea, by year — STD Surveillance Network, United States, 2010–2018

	2010		2011		2012		2013		2014		2015		2016		2017		2018	
	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE
CT-screened	54.7	0.03	56.9	0.04	54.2	0.07	53.2	0.07	54.6	0.04	53.5	0.04	55.1	0.04	58.3	0.03	57.8	0.03
CT-positive	15.5	0.02	13.6	0.01	15.3	0.01	14.9	0.01	15.2	0.01	15.2	0.01	15.9	0.01	16.9	0.01	17.7	0.01
GC-screened	55.0	0.03	56.8	0.04	54.9	0.05	53.9	0.06	56.1	0.06	53.8	0.04	55.4	0.04	58.7	0.03	58.4	0.03
GC-positive	13.3	0.02	12.5	0.02	13.7	0.02	14.3	0.01	15.2	0.02	15.7	0.01	17.5	0.01	18.4	0.01	17.1	0.01

Abbreviations: CT = *Chlamydia trachomatis*; GC = *Neisseria gonorrhoeae*; MSM = gay, bisexual, and other men who have sex with men (collectively referred to as MSM); SE = standard error.

SUPPLEMENTARY TABLE 11. Percentage of unique MSM screened and positive for pharyngeal chlamydia and gonorrhea, by year — STD Surveillance Network, United States, 2010–2018

	2010		2011		2012		2013		2014		2015		2016		2017		2018	
	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE
CT-screened	50.3	0.03	58.3	0.02	70.7	0.06	71.6	0.05	71.4	0.05	67.3	0.06	70.3	0.05	74.3	0.04	72.9	0.05
CT-positive	4.2	0.01	3.1	0.01	3.0	0.004	2.7	0.002	2.7	0.02	2.3	0.002	2.6	0.002	2.7	0.002	2.6	0.002
GC-screened	69.5	0.06	71.9	0.05	74.2	0.05	72.2	0.04	72.9	0.04	69.1	0.03	72.4	0.03	76.7	0.03	74.6	0.03
GC-positive	7.3	0.02	7.2	0.03	11.5	0.03	10.0	0.04	10.0	0.02	10.5	0.03	13.7	0.01	14.4	0.01	14.8	0.01

Abbreviations: CT = *Chlamydia trachomatis*; GC = *Neisseria gonorrhoeae*; MSM = gay, bisexual, and other men who have sex with men (collectively referred to as MSM); SE = standard error.