



HOUSTON HEALTH
DEPARTMENT

**2024 HIV SURVEILLANCE
QUARTERLY REPORT
(2024-Q4)**

Prepared by:
HHD Data Services Program
January 7, 2025

AIDS: Summary of Houston/Harris County Cases

Cumulative Reported 1981-12/31/2024

Table 1: Reported AIDS Cases by Race/Ethnicity, Sex and Age at Diagnosis

		White		Black		Hispanic		Multi/Unk /Other		Total	
		No.	%	No.	%	No.	%	No.	%	No.	%
Sex	Age										
1.Male	0 - 04 yrs	9	0.1	41	0.3	15	0.2	1	0.1	66	0.2
	05 - 12 yrs	4	0	8	0.1	4	0	0	0	16	0
	13 - 19 yrs	20	0.2	128	0.9	76	0.9	14	1.1	238	0.7
	20 - 29 yrs	1608	14.1	2211	15.2	1802	20.6	222	17.7	5843	16.2
	30 - 39 yrs	4698	41.3	3511	24.1	3007	34.3	358	28.5	11574	32.2
	40 - 49 yrs	2896	25.5	2463	16.9	1599	18.3	253	20.1	7211	20
	Over 50	1375	12.1	1559	10.7	843	9.6	137	10.9	3914	10.9
	Total	10610	93.3	9921	68	7346	83.8	985	78.4	28862	80.2
2.Female	Age										
	0 - 04 yrs	4	0	39	0.3	18	0.2	2	0.2	63	0.2
	05 - 12 yrs	2	0	11	0.1	4	0	0	0	17	0
	13 - 19 yrs	13	0.1	107	0.7	26	0.3	9	0.7	155	0.4
	20 - 29 yrs	166	1.5	1045	7.2	328	3.7	53	4.2	1592	4.4
	30 - 39 yrs	245	2.2	1612	11.1	465	5.3	98	7.8	2420	6.7
	40 - 49 yrs	198	1.7	1158	7.9	341	3.9	63	5	1760	4.9
	Over 50	130	1.1	695	4.8	233	2.7	46	3.7	1104	3.1
Total	758	6.7	4667	32	1415	16.2	271	21.6	7111	19.8	
Total	Age										
	0 - 04 yrs	13	0.1	80	0.5	33	0.4	3	0.2	129	0.4
	05 - 12 yrs	6	0.1	19	0.1	8	0.1	0	0	33	0.1
	13 - 19 yrs	33	0.3	235	1.6	102	1.2	23	1.8	393	1.1
	20 - 29 yrs	1774	15.6	3256	22.3	2130	24.3	275	21.9	7435	20.7
	30 - 39 yrs	4943	43.5	5123	35.1	3472	39.6	456	36.3	13994	38.9
	40 - 49 yrs	3094	27.2	3621	24.8	1940	22.1	316	25.2	8971	24.9
	Over 50	1505	13.2	2254	15.5	1076	12.3	183	14.6	5018	13.9
Total	11368	100	14588	100	8761	100	1256	100	35973	100	

Figure 1: Reported AIDS Cases by Diagnosis Year

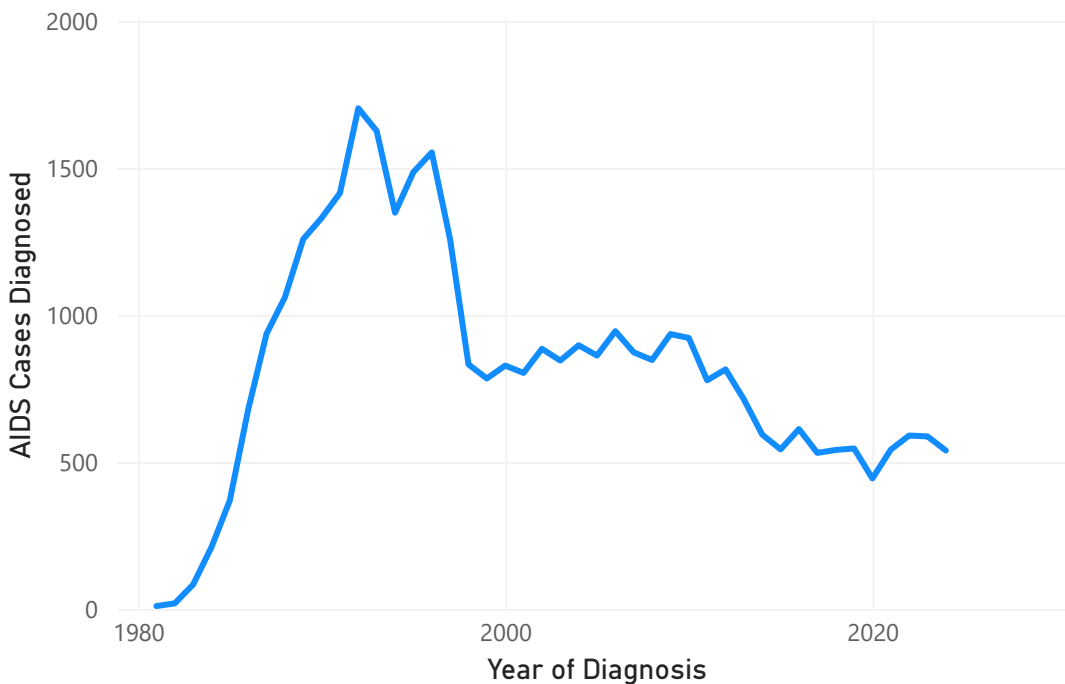


Table 2: Reported AIDS Cases by City of Residence at Diagnosis

City	Cases	%
Baytown	294	0.82
Bellaire	94	0.26
Houston	32816	91.22
Humble	481	1.34
Katy	320	0.89
Other	1084	3.01
Pasadena	524	1.46
Spring	360	1.00
Total	35973	100.00

Table 3: Reported AIDS Cases by Mortality Status

Status	Cases	%
Deceased	20656	57.42
Presumed Living	15317	42.58
Total	35973	100.00

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Note: Totals for all categories presented may change due to reporting delays or reclassification. 2023 and 2024 data are provisional and subject to change

Table 4. Reported AIDS Cases by Race/Ethnicity, Sex and Identified Risk

		White		Black		Hispanic		Multi/Unk /Other		Total	
		No.	%	No.	%	No.	%	No.	%	No.	%
Sex	Risk										
1.Male	Male-to-Male Sexual Contact	8276	72.8	4671	32	4630	52.8	576	45.9	18153	50.5
	People Who Inject Drug (PWID)	433	3.8	1350	9.3	352	4	73	5.8	2208	6.1
	Hemophilia	23	0.2	11	0.1	14	0.2	2	0.2	50	0.1
	Heterosexual Contact	212	1.9	1543	10.6	719	8.2	103	8.2	2577	7.2
	Blood Transfusion	44	0.4	8	0.1	6	0.1	2	0.2	60	0.2
	Mother with HIV	8	0.1	63	0.4	25	0.3	2	0.2	98	0.3
	Other/Undetermined	490	4.3	1490	10.2	1177	13.4	140	11.1	3297	9.2
	Total	10610	93.3	9921	68	7346	83.8	985	78.4	28862	80.2
2.Female	Risk										
	People Who Inject Drug (PWID)	271	2.4	1022	7	150	1.7	46	3.7	1489	4.1
	Hemophilia	0	0	1	0	1	0	0	0	2	0
	Heterosexual Contact	326	2.9	2437	16.7	796	9.1	144	11.5	3703	10.3
	Blood Transfusion	22	0.2	8	0.1	10	0.1	0	0	40	0.1
	Mother with HIV	3	0	76	0.5	33	0.4	3	0.2	115	0.3
	Other/Undetermined	136	1.2	1123	7.7	425	4.9	78	6.2	1762	4.9
	Total	758	6.7	4667	32	1415	16.2	271	21.6	7111	19.8
Total	Risk										
	Male-to-Male Sexual Contact	8276	72.8	4671	32	4630	52.8	576	45.9	18153	50.5
	People Who Inject Drug (PWID)	704	6.2	2372	16.3	502	5.7	119	9.5	3697	10.3
	Hemophilia	23	0.2	12	0.1	15	0.2	2	0.2	52	0.1
	Heterosexual Contact	538	4.7	3980	27.3	1515	17.3	247	19.7	6280	17.5
	Blood Transfusion	66	0.6	16	0.1	16	0.2	2	0.2	100	0.3
	Male to Male Sex & PWID	1124	9.9	785	5.4	423	4.8	87	6.9	2419	6.7
	Mother with HIV	11	0.1	139	1	58	0.7	5	0.4	213	0.6
	Other/Undetermined	626	5.5	2613	17.9	1602	18.3	218	17.4	5059	14.1
Total	11368	100	14588	100	8761	100	1256	100	35973	100	

Figure 2: AIDS Cases by Risk

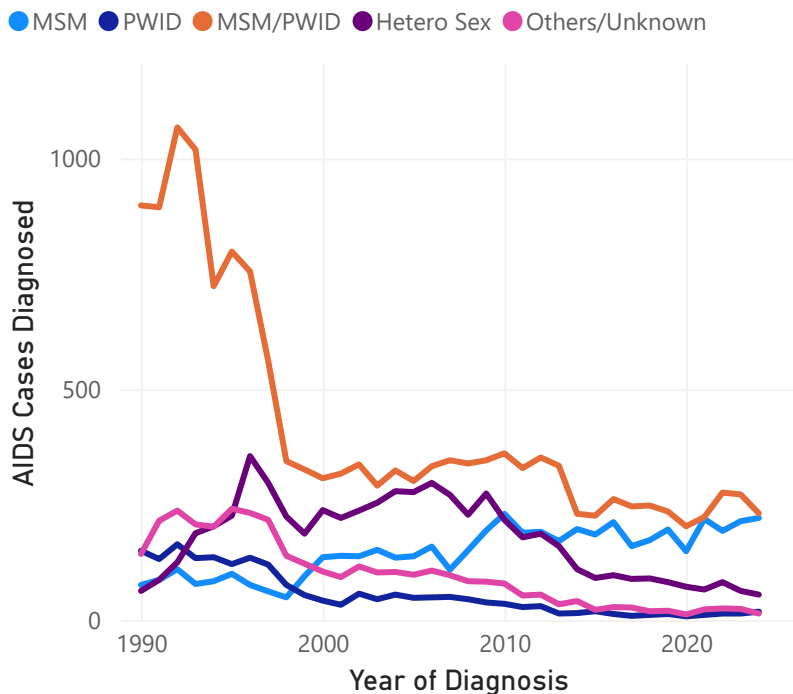
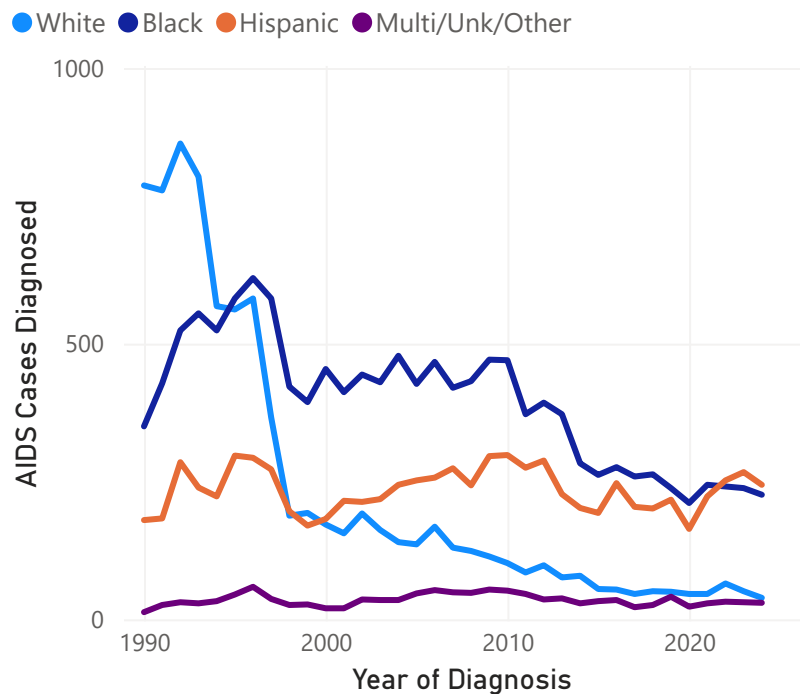


Figure 3: AIDS Cases by Race



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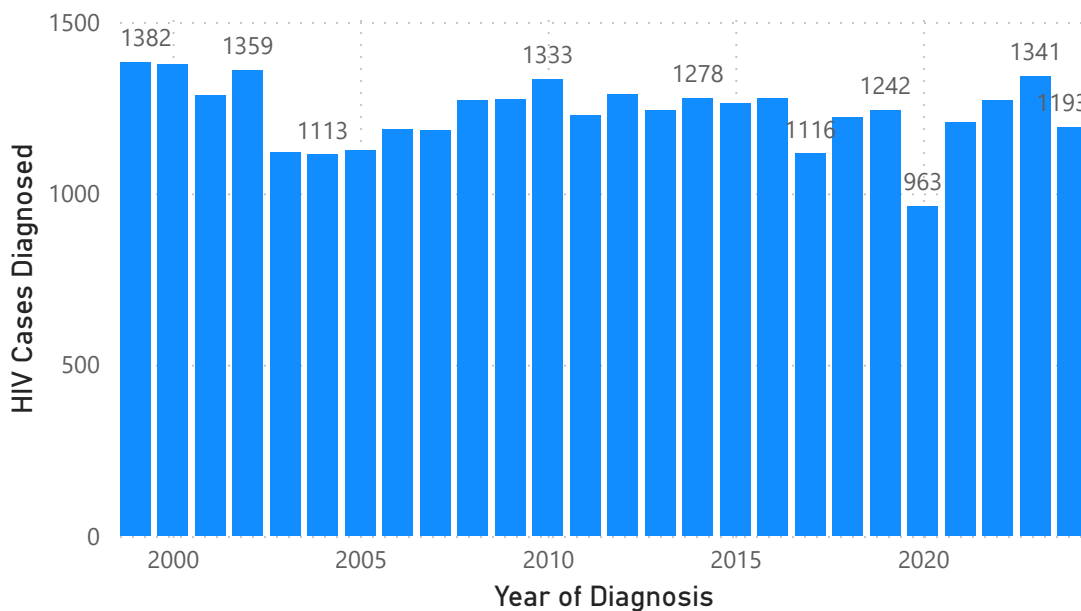
HIV: Summary of Adult* Reportable Houston/Harris County Cases

Cumulative Reported 1999-12/31/2024

Table 5: Reported HIV Cases, Regardless of AIDS Status, by Race/Ethnicity, Sex and Age at Diagnosis

Sex	Age	White		Black		Hispanic		Multi/Unk /Other		Total	
		No.	%	No.	%	No.	%	No.	%	No.	%
1.Male	13 - 19 yrs	64	1.2	647	3.9	450	3.7	64	3.5	1225	3.4
	20 - 29 yrs	1137	20.5	4096	24.5	3834	31.6	535	29.3	9602	26.5
	30 - 39 yrs	1722	31	3134	18.8	3369	27.8	423	23.2	8648	23.9
	40 - 49 yrs	1133	20.4	1881	11.3	1658	13.7	259	14.2	4931	13.6
	Over 49	779	14	1272	7.6	860	7.1	131	7.2	3042	8.4
	Total	4835	87.1	11030	66	10171	83.8	1412	77.5	27448	75.8
2.Female	13 - 19 yrs	33	0.6	438	2.6	131	1.1	39	2.1	641	1.8
	20 - 29 yrs	174	3.1	1807	10.8	635	5.2	131	7.2	2747	7.6
	30 - 39 yrs	211	3.8	1667	10	585	4.8	119	6.5	2582	7.1
	40 - 49 yrs	178	3.2	1040	6.2	347	2.9	68	3.7	1633	4.5
	Over 49	120	2.2	732	4.4	268	2.2	54	3	1174	3.2
	Total	716	12.9	5684	34	1966	16.2	411	22.5	8777	24.2
Total	13 - 19 yrs	97	1.7	1085	6.5	581	4.8	103	5.7	1866	5.2
	20 - 29 yrs	1311	23.6	5903	35.3	4469	36.8	666	36.5	12349	34.1
	30 - 39 yrs	1933	34.8	4801	28.7	3954	32.6	542	29.7	11230	31
	40 - 49 yrs	1311	23.6	2921	17.5	2005	16.5	327	17.9	6564	18.1
	Over 49	899	16.2	2004	12	1128	9.3	185	10.1	4216	11.6
	Total	5551	100	16714	100	12137	100	1823	100	36225	100

Figure 4: Adult HIV Cases in Houston/Harris County



HIV became reportable in 1999. The year of diagnosis in Figure 4 is the year of the earliest known test and may not be the same year as the reportable test. Reportable tests with diagnosis year before 1999 are not displayed in Figure 4.

Table 6: Reported Adult HIV Cases by City of Residence at Diagnosis

City	Cases	%
Baytown	331	0.91
Bellaire	30	0.08
Houston	32047	88.47
Humble	784	2.16
Katy	530	1.46
Other	1408	3.89
Pasadena	538	1.49
Spring	557	1.54
Total	36225	100.00

Table 7: Reported Adult HIV Cases by Mortality Status

Status	Cases	%
Deceased	7588	20.95
Presumed Living	28637	79.05
Total	36225	100.00

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Note: Totals for all categories presented may change due to reporting delays or reclassification. 2023 and 2024 data are provisional and subject to change

Table 8: Reported HIV Cases, Regardless of AIDS Status, by Race/Ethnicity, Sex and Identified Risk

	Risk	White		Black		Hispanic		Multi/Unk /Other		Total	
		No.	%	No.	%	No.	%	No.	%	No.	%
Sex	Risk										
1.Male	Male-to-Male Sexual Contact	3491	62.9	5768	34.5	6922	57	938	51.5	17119	47.3
	People Who Inject Drug (PWID)	184	3.3	698	4.2	214	1.8	54	3	1150	3.2
	Male to Male Sex & PWID	339	6.1	423	2.5	315	2.6	66	3.6	1143	3.2
	Heterosexual Contact	153	2.8	1498	9	746	6.1	116	6.4	2513	6.9
	Other/Undetermined	668	12	2643	15.8	1974	16.3	238	13.1	5523	15.2
	Total		4835	87.1	11030	66	10171	83.8	1412	77.5	27448
2.Female	Risk										
	People Who Inject Drug (PWID)	176	3.2	608	3.6	101	0.8	35	1.9	920	2.5
	Heterosexual Contact	278	5	2856	17.1	997	8.2	214	11.7	4345	12
	Other/Undetermined	262	4.7	2220	13.3	868	7.2	162	8.9	3512	9.7
Total		716	12.9	5684	34	1966	16.2	411	22.5	8777	24.2
Total	Risk										
	Male-to-Male Sexual Contact	3491	62.9	5768	34.5	6922	57	938	51.5	17119	47.3
	People Who Inject Drug (PWID)	360	6.5	1306	7.8	315	2.6	89	4.9	2070	5.7
	Male to Male Sex & PWID	339	6.1	423	2.5	315	2.6	66	3.6	1143	3.2
	Heterosexual Contact	431	7.8	4354	26.1	1743	14.4	330	18.1	6858	18.9
	Other/Undetermined	930	16.8	4863	29.1	2842	23.4	400	21.9	9035	24.9
Total		5551	100	16714	100	12137	100	1823	100	36225	100

Figure 5: Reported Adult HIV Cases in Houston/HarrisCo., by Identified Risk 1/1/1999 - 09/30/2024

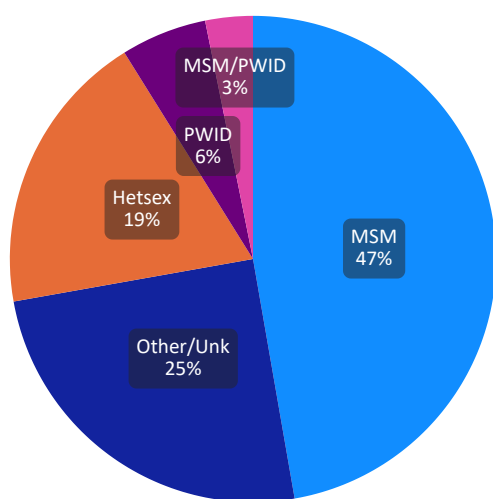
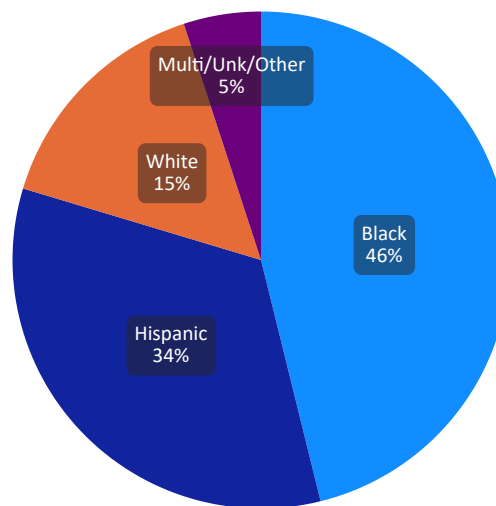


Figure 6: Reported Adult HIV Cases in Houston/Harris Co., by Race/Ethnicity 1/1/1999 - 09/30/2024



Notes on HIV and AIDS categories

HIV became a reportable condition in Texas in 1999 when positive HIV Western blots performed after 1998 became reportable. In the year 2000, the case definition was expanded to include any detectable HIV viral load performed after 1999. So Houston/Harris County began reporting HIV in 1999. During the investigation of a positive HIV report, an earlier HIV diagnosis date may be discovered. An HIV case may be reported in 1999, but the HIV diagnosis date may be an earlier date such as 1994. Thus, the sum of all HIV cases reported from 1999 forward (the total number in Table 5) does not equal the sum of the HIV cases diagnosed from 1999 forward (the sum of the cases shown in Fig. 4).

As reported in this quarterly report, HIV and AIDS categories are not mutually exclusive categories. If a person has a reportable HIV test after 1998, the person will be counted as an HIV case, regardless of AIDS status. If the same person subsequently develops AIDS, the person will continue to be counted as an HIV case, regardless of AIDS status, but in addition be counted as an AIDS case. Thus, one cannot add the HIV and AIDS cases together to compute the number of cases of HIV or AIDS.

Interstate Duplication Evaluation Project (IDEP)

In October 2004, the state health departments and the CDC evaluated and resolved interstate duplication of HIV and AIDS case reports submitted to the national database. Less than 1% of the HIV-only cases and less than 2% of the AIDS cases were found to be duplicates in the Houston/Harris Co. database as a result of the IDEP project. Now the state health departments together with the CDC periodically compare cases, and evaluate and resolve interstate duplication of reporting.

Note on Heterosexual Contact Risk Category

The heterosexual contact risk category refers to heterosexual contact with people known to have HIV or at high risk for HIV (bisexual men or PWID).