



HOUSTON HEALTH
DEPARTMENT

**2024 HIV SURVEILLANCE
QUARTERLY REPORT
(2024-Q2)**

Prepared by:
HHD Data Services Program
July 2, 2024

AIDS: Summary of Houston/Harris County Cases

Cumulative - Reported 1981-06/30/2024

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

		White		Black		Multi/Unk /Other		Hispanic		Total	
		No.	%	No.	%	No.	%	No.	%	No.	%
Sex	Age										
1.Male	0 - 04 yrs	9	0.1	41	0.3	1	0.2	15	0.1	66	0.2
	05 - 12 yrs	4	0	8	0.1	0	0	4	0	16	0
	13 - 19 yrs	20	0.2	127	0.9	14	0.9	75	1.1	236	0.7
	20 - 29 yrs	1607	14.2	2198	15.2	215	20.6	1781	17.6	5801	16.3
	30 - 39 yrs	4691	41.3	3480	24.1	353	34.3	2964	28.8	11488	32.2
	40 - 49 yrs	2890	25.5	2452	17	246	18.3	1579	20.1	7167	20.1
	Over 50	1368	12.1	1542	10.7	129	9.5	821	10.5	3860	10.8
	Total	10589	93.3	9848	68.1	958	83.9	7239	78.3	28634	80.3
2.Female	Age										
	0 - 04 yrs	4	0	39	0.3	2	0.2	18	0.2	63	0.2
	05 - 12 yrs	2	0	11	0.1	0	0	4	0	17	0
	13 - 19 yrs	13	0.1	107	0.7	10	0.3	26	0.8	156	0.4
	20 - 29 yrs	166	1.5	1039	7.2	54	3.7	322	4.4	1581	4.4
	30 - 39 yrs	248	2.2	1604	11.1	96	5.3	460	7.8	2408	6.8
	40 - 49 yrs	197	1.7	1143	7.9	62	3.8	332	5.1	1734	4.9
	Over 50	130	1.1	673	4.7	42	2.6	228	3.4	1073	3
Total	760	6.7	4616	31.9	266	16.1	1390	21.7	7032	19.7	
Total	Age										
	0 - 04 yrs	13	0.1	80	0.6	3	0.4	33	0.2	129	0.4
	05 - 12 yrs	6	0.1	19	0.1	0	0.1	8	0	33	0.1
	13 - 19 yrs	33	0.3	234	1.6	24	1.2	101	2	392	1.1
	20 - 29 yrs	1773	15.6	3237	22.4	269	24.4	2103	22	7382	20.7
	30 - 39 yrs	4939	43.5	5084	35.1	449	39.7	3424	36.7	13896	39
	40 - 49 yrs	3087	27.2	3595	24.9	308	22.1	1911	25.2	8901	25
	Over 50	1498	13.2	2215	15.3	171	12.2	1049	14	4933	13.8
Total	11349	100	14464	100	1224	100	8629	100	35666	100	

Figure 1: Reported AIDS Cases by Diagnosis Year

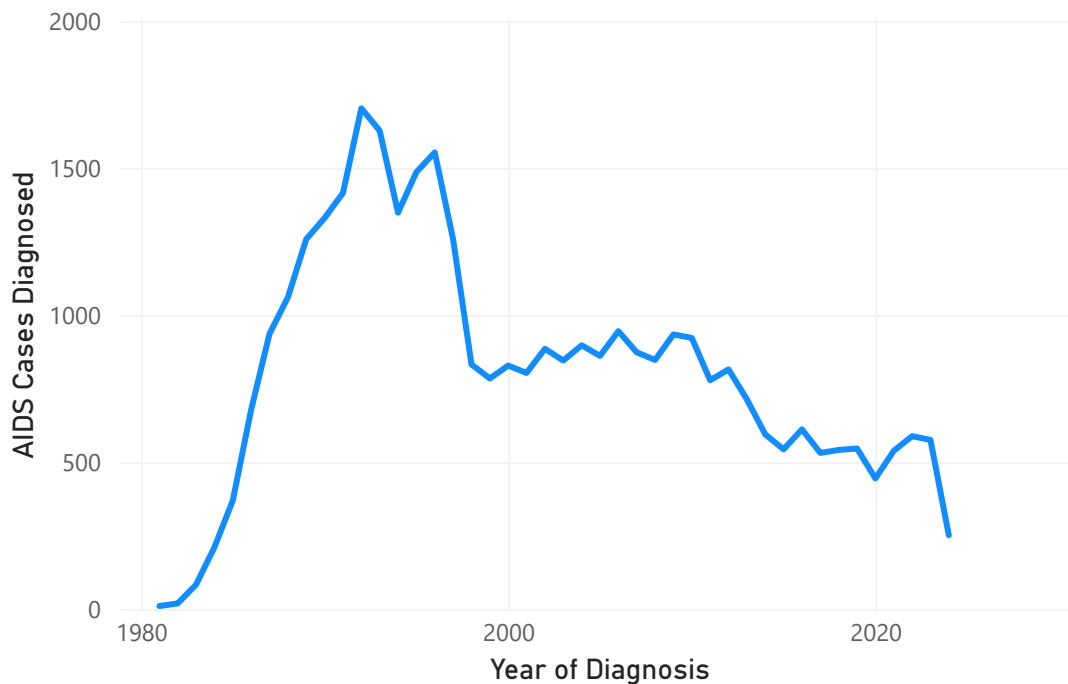


Table 2: Reported AIDS Cases by City of Residence at Diagnosis

City	Cases	%
Baytown	293	0.82
Bellaire	93	0.26
Houston	32548	91.26
Humble	478	1.34
Katy	311	0.87
Other	1068	2.99
Pasadena	520	1.46
Spring	355	1.00
Total	35666	100.00

Table 3: Reported AIDS Cases by Mortality Status

Status	Cases	%
Deceased	20642	57.88
Presumed Living	15024	42.12
Total	35666	100.00

Bureau of Epidemiology Houston Health Department Contact Phone: (832)-393-5080

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	8264	72.8	4637	32.1	4565	52.9	557	45.5	18023	50.5
	Injection Drug Use (IDU)	432	3.8	1351	9.3	351	4.1	70	5.7	2204	6.2
	Hemophilia	23	0.2	11	0.1	14	0.2	2	0.2	50	0.1
	Heterosexual Contact	212	1.9	1537	10.6	713	8.3	102	8.3	2564	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	62	0.4	25	0.3	2	0.2	97	0.3
	Other/Undetermined	487	4.3	1459	10.1	1147	13.3	137	11.2	3230	9.1
	Total	10589	93.3	9848	68.1	7239	83.9	958	78.3	28634	80.3
2.Female	Risk										
	Injection Drug Use (IDU)	272	2.4	1016	7	150	1.7	43	3.5	1481	4.2
	Hemophilia	0	0	1	0	1	0	0	0	2	0
	Heterosexual Contact	326	2.9	2420	16.7	791	9.2	140	11.4	3677	10.3
	Blood Transfusion	22	0.2	8	0.1	10	0.1	0	0	40	0.1
	Mother with HIV	3	0	75	0.5	31	0.4	4	0.3	113	0.3
	Other/Undetermined	137	1.2	1096	7.6	407	4.7	79	6.5	1719	4.8
	Total	760	6.7	4616	31.9	1390	16.1	266	21.7	7032	19.7
Total	Risk										
	Male-to-Male Sexual Contact	8264	72.8	4637	32.1	4565	52.9	557	45.5	18023	50.5
	Injection Drug Use (IDU)	704	6.2	2367	16.4	501	5.8	113	9.2	3685	10.3
	Hemophilia	23	0.2	12	0.1	15	0.2	2	0.2	52	0.1
	Heterosexual Contact	538	4.7	3957	27.4	1504	17.4	242	19.8	6241	17.5
	Blood Transfusion	66	0.6	16	0.1	16	0.2	2	0.2	100	0.3
	Male to Male Sex & IDU	1119	9.9	783	5.4	418	4.8	86	7	2406	6.7
	Mother with HIV	11	0.1	137	0.9	56	0.6	6	0.5	210	0.6
	Other/Undetermined	624	5.5	2555	17.7	1554	18	216	17.6	4949	13.9
Total	11349	100	14464	100	8629	100	1224	100	35666	100	

Figure 2: AIDS Cases by Risk

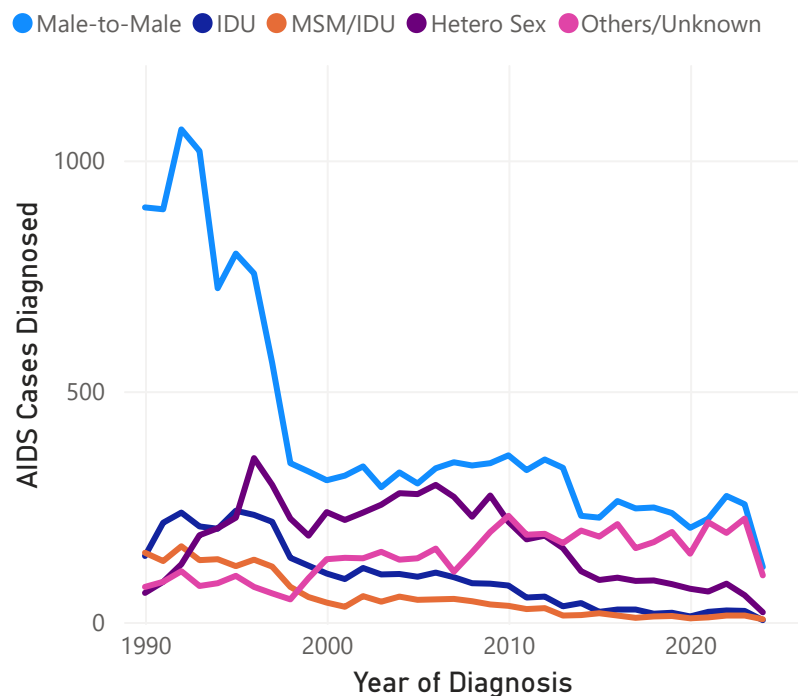
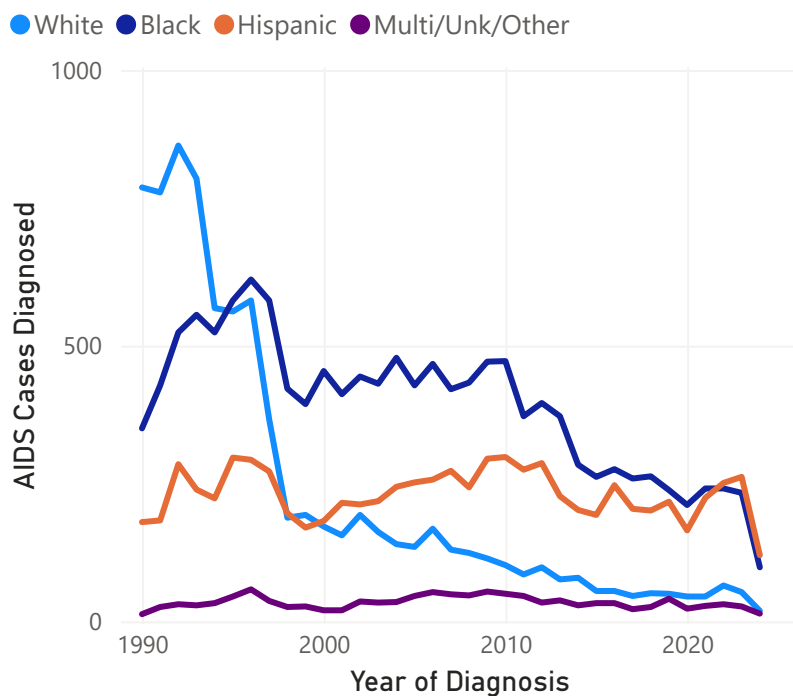


Figure 3: AIDS Cases by Race



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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

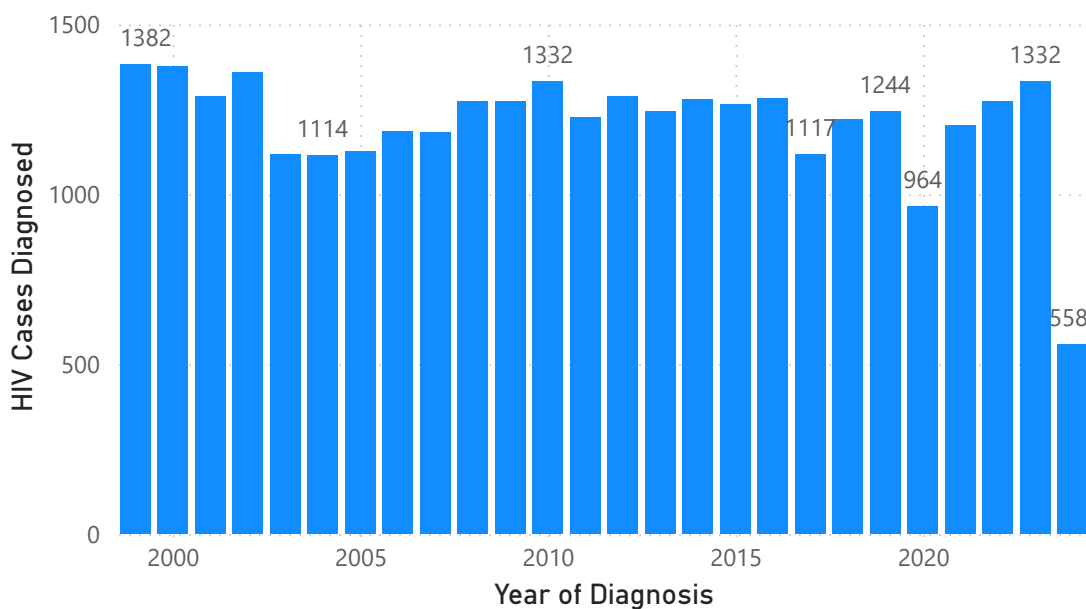
HIV: Summary of Adult* Reportable Houston/Harris County Cases

Cumulative - Reported 1999-06/30/2024

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	60	1.1	639	3.9	445	3.8	59	3.3	1203	3.4
	20 - 29 yrs	1127	20.5	4015	24.4	3743	31.6	521	29.3	9406	26.4
	30 - 39 yrs	1704	31	3056	18.6	3288	27.7	418	23.5	8466	23.8
	40 - 49 yrs	1127	20.5	1872	11.4	1621	13.7	249	14	4869	13.7
	Over 49	764	13.9	1248	7.6	834	7	124	7	2970	8.3
	Total	4782	87	10830	65.8	9931	83.7	1371	77.2	26914	75.6
2.Female	13 - 19 yrs	33	0.6	436	2.7	129	1.1	39	2.2	637	1.8
	20 - 29 yrs	173	3.1	1793	10.9	621	5.2	130	7.3	2717	7.6
	30 - 39 yrs	214	3.9	1651	10	573	4.8	116	6.5	2554	7.2
	40 - 49 yrs	177	3.2	1029	6.3	342	2.9	67	3.8	1615	4.5
	Over 49	119	2.2	713	4.3	265	2.2	53	3	1150	3.2
	Total	716	13	5622	34.2	1930	16.3	405	22.8	8673	24.4
Total	13 - 19 yrs	93	1.7	1075	6.5	574	4.8	98	5.5	1840	5.2
	20 - 29 yrs	1300	23.6	5808	35.3	4364	36.8	651	36.7	12123	34.1
	30 - 39 yrs	1918	34.9	4707	28.6	3861	32.6	534	30.1	11020	31
	40 - 49 yrs	1304	23.7	2901	17.6	1963	16.6	316	17.8	6484	18.2
	Over 49	883	16.1	1961	11.9	1099	9.3	177	10	4120	11.6
	Total	5498	100	16452	100	11861	100	1776	100	35587	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	321	0.90
Bellaire	28	0.08
Houston	31510	88.54
Humble	778	2.19
Katy	521	1.46
Other	1364	3.83
Pasadena	523	1.47
Spring	542	1.52
Total	35587	99.99

Table 7: Reported Adult HIV Cases by Mortality Status

Status	Cases	%
Deceased	7568	21.27
Presumed Living	28019	78.73
Total	35587	100.00

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	3459	62.9	5640	34.3	6743	56.9	911	51.3	16753	47.1
	Injection Drug Use (IDU)	183	3.3	697	4.2	214	1.8	53	3	1147	3.2
	Male to Male Sex & IDU	335	6.1	419	2.5	311	2.6	64	3.6	1129	3.2
	Heterosexual Contact	153	2.8	1489	9.1	737	6.2	113	6.4	2492	7
	Other/Undetermined	652	11.9	2585	15.7	1926	16.2	230	13	5393	15.2
	Total	4782	87	10830	65.8	9931	83.7	1371	77.2	26914	75.6
2.Female	Risk										
	Injection Drug Use (IDU)	177	3.2	606	3.7	100	0.8	34	1.9	917	2.6
	Heterosexual Contact	278	5.1	2834	17.2	987	8.3	209	11.8	4308	12.1
	Other/Undetermined	261	4.7	2182	13.3	843	7.1	162	9.1	3448	9.7
	Total	716	13	5622	34.2	1930	16.3	405	22.8	8673	24.4
Total	Risk										
	Male-to-Male Sexual Contact	3459	62.9	5640	34.3	6743	56.9	911	51.3	16753	47.1
	Injection Drug Use (IDU)	360	6.5	1303	7.9	314	2.6	87	4.9	2064	5.8
	Male to Male Sex & IDU	335	6.1	419	2.5	311	2.6	64	3.6	1129	3.2
	Heterosexual Contact	431	7.8	4323	26.3	1724	14.5	322	18.1	6800	19.1
	Other/Undetermined	913	16.6	4767	29	2769	23.3	392	22.1	8841	24.8
	Total	5498	100	16452	100	11861	100	1776	100	35587	100

Figure 5: Reported Adult HIV Cases in Houston/HarrisCo., by Identified Risk 1/1/1999 - 06/30/2024

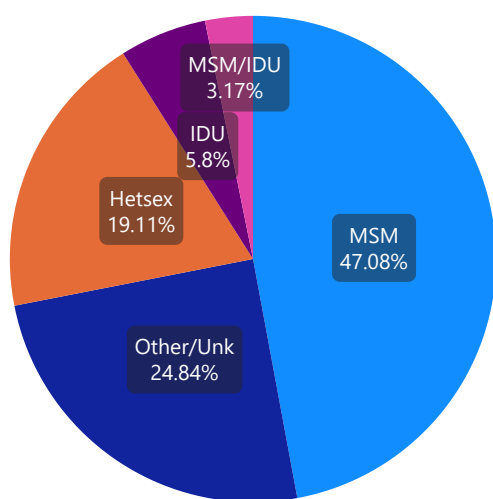
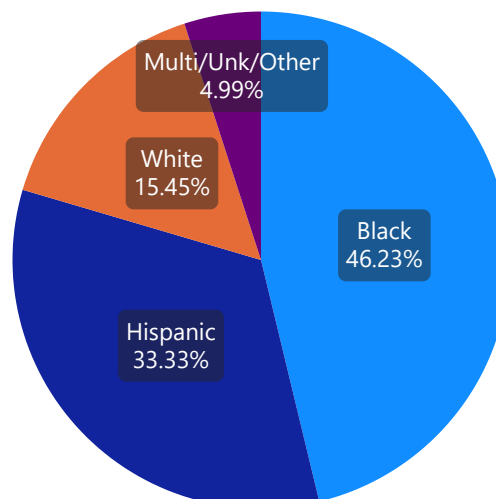


Figure 6: Reported Adult HIV Cases in Houston/Harris Co., by Race/Ethnicity 1/1/1999 - 06/30/2024



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 IDU).