

AIDS: Summary of Houston/Harris County Cases

Cumulative - Reported 1981-12/31/2016

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

Sex	White		Black		All Races		Others*		Total	
	Non-Hispanic		Non-Hispanic		Hispanic		Non-Hispanic			
Males										
Age (Years)	Cases	(%)	Cases	(%)	Cases	(%)	Cases	(%)	Cases	(%)
00-04	9	(0)	42	(0)	13	(0)	1	(0)	65	(0)
05-12	4	(0)	8	(0)	4	(0)	0	(0)	16	(0)
13-19	19	(0)	117	(1)	45	(1)	5	(1)	186	(1)
20-29	1638	(15)	1991	(22)	1312	(24)	106	(21)	5047	(20)
30-39	4756	(45)	3190	(36)	2356	(43)	183	(37)	10485	(41)
40-49	2908	(27)	2314	(26)	1196	(22)	135	(27)	6553	(26)
Over 49	1263	(12)	1291	(14)	519	(10)	69	(14)	3142	(12)
Total	10597	(100)	8953	(100)	5445	(100)	499	(100)	25494	(100)
Percent of row total		(42)		(35)		(21)		(2)		(100)
Females										
Age (Years)	Cases	(%)	Cases	(%)	Cases	(%)	Cases	(%)	Cases	(%)
00-04	4	(1)	39	(1)	19	(2)	2	(1)	64	(1)
05-12	2	(0)	12	(0)	3	(0)	0	(0)	17	(0)
13-19	14	(2)	104	(2)	20	(2)	9	(6)	147	(2)
20-29	164	(23)	1021	(24)	235	(23)	28	(19)	1448	(24)
30-39	243	(34)	1482	(36)	352	(35)	55	(37)	2132	(35)
40-49	187	(26)	990	(24)	239	(24)	35	(23)	1451	(24)
Over 49	110	(15)	521	(12)	143	(14)	21	(14)	795	(13)
Total	724	(100)	4169	(100)	1011	(100)	150	(100)	6054	(100)
Percent of row total		(12)		(69)		(17)		(2)		(100)
All Sexes										
Age (Years)	Cases	(%)	Cases	(%)	Cases	(%)	Cases	(%)	Cases	(%)
00-04	13	(0)	81	(1)	32	(0)	3	(0)	129	(0)
05-12	6	(0)	20	(0)	7	(0)	0	(0)	33	(0)
13-19	33	(0)	221	(2)	65	(1)	14	(2)	333	(1)
20-29	1802	(16)	3012	(23)	1547	(24)	134	(21)	6495	(21)
30-39	4999	(44)	4672	(36)	2708	(42)	238	(37)	12617	(40)
40-49	3095	(27)	3304	(25)	1435	(22)	170	(26)	8004	(25)
Over 49	1373	(12)	1812	(14)	662	(10)	90	(14)	3937	(12)
Total	11321	(100)	13122	(100)	6456	(100)	649	(100)	31548	(100)
Percent of row total		(36)		(42)		(20)		(2)		(0)

*Others: Multi-races and other races.

Figure 1: Reported AIDS Cases by Diagnosis Year

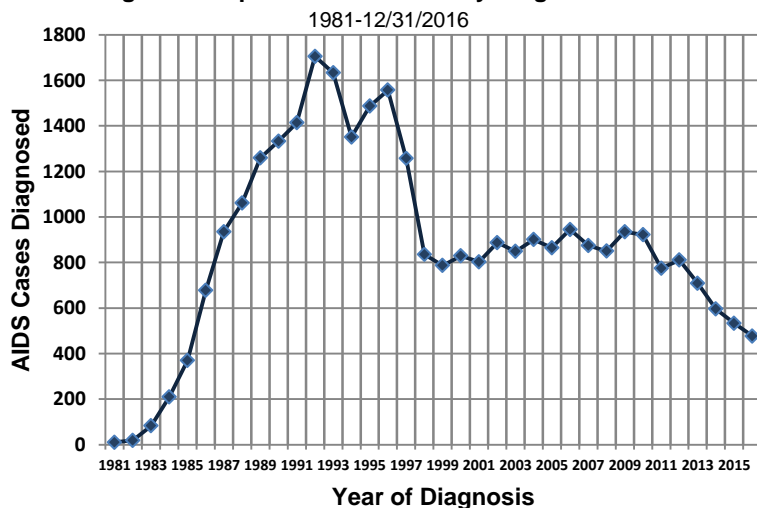


Table 2: Reported AIDS Cases by City of Residence at Diagnosis

City	Cases	(%)
Houston	29055	(92.1)
Baytown	254	(0.8)
Bellaire	92	(0.3)
Humble	348	(1.1)
Katy	228	(0.7)
Pasadena	444	(1.4)
Spring	269	(0.9)
Other Cities*	858	(2.7)
Total	31548	(100.0)

*Includes Channelview, Crosby, Galena Park, Kingwood, La Porte, Missouri City, Seabrook, South Houston, Tomball, Webster, & others.

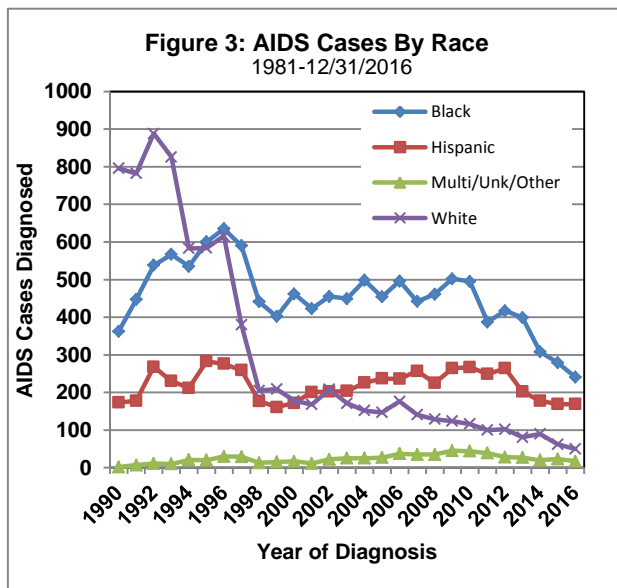
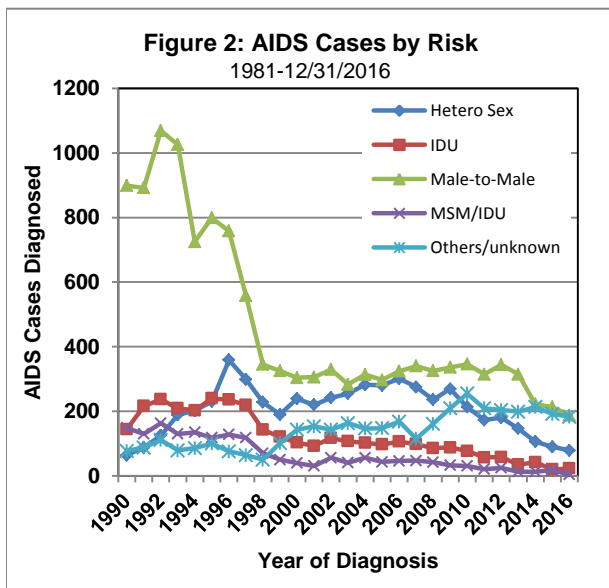
Table 3: Reported AIDS Cases by Mortality Status

Status	Cases	(%)
Presumed living	13657	(43.3)
Deceased	17891	(56.7)
Total	31548	(100.0)

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

Sex	White		Black		All Races		Others*		Total	
	Non-Hispanic		Non-Hispanic		Hispanic		Non-Hispanic			
Males										
Risk	Cases	(%)	Cases	(%)	Cases	(%)	Cases	(%)	Cases	(%)
Male to Male Sexual Contact	8290	(78)	4078	(46)	3375	(62)	259	(52)	16002	(63)
Injection Drug Use (IDU)	446	(4)	1350	(15)	320	(6)	38	(8)	2154	(8)
Male to Male Sex & IDU	1106	(10)	763	(9)	317	(6)	43	(9)	2229	(9)
Hemophilia	24	(4)	11	(8)	15	(4)	2	(0)	52	(0)
Heterosexual Contact	215	(19)	1466	(117)	620	(45)	69	(14)	2370	(9)
Blood Transfusion	44	(1638)	8	(1991)	6	(1312)	2	(0)	60	(0)
Mother with HIV	8	(4756)	56	(3190)	15	(2356)	2	(0)	81	(0)
Other/Undetermined	464	(2908)	1221	(2314)	777	(1196)	84	(17)	2546	(10)
Total	10597	(1263)	8953	(1291)	5445	(519)	499	(100)	25494	(100)
Percent of column total		(94)		(68)		(84)		(77)		(81)
Females										
Risk	Cases	(%)	Cases	(%)	Cases	(%)	Cases	(%)	Cases	(%)
Injection Drug Use (IDU)	265	(37)	993	(24)	120	(12)	20	(13)	1398	(23)
Hemophilia	0	(0)	1	(0)	1	(17)	0	(0)	2	(0)
Heterosexual Contact	320	(44)	2269	(54)	628	(5)	84	(56)	3301	(55)
Blood Transfusion	22	(3)	8	(0)	10	(17)	0	(0)	40	(1)
Mother with HIV	4	(1)	66	(2)	24	(225)	4	(3)	98	(2)
Other/Undetermined	113	(16)	832	(20)	228	(323)	42	(28)	1215	(20)
Total	724	(100)	4169	(100)	1011	(215)	150	(100)	6054	(100)
Percent of column total		(6)		(32)		(16)		(23)		(19)
All Sexes										
Risk	Cases	(%)	Cases	(%)	Cases	(%)	Cases	(%)	Cases	(%)
Male to Male Sexual Contact	8290	(73)	4078	(31)	3375	(52)	259	(40)	16002	(51)
Injection Drug Use (IDU)	711	(6)	2343	(18)	440	(7)	58	(9)	3552	(11)
Male to Male Sex & IDU	1106	(10)	763	(6)	317	(5)	43	(7)	2229	(7)
Hemophilia	24	(0)	12	(0)	16	(0)	2	(0)	54	(0)
Heterosexual Contact	535	(5)	3735	(28)	1248	(19)	153	(24)	5671	(18)
Blood Transfusion	66	(1)	16	(0)	16	(0)	2	(0)	100	(0)
Mother with HIV	12	(0)	122	(1)	39	(1)	6	(1)	179	(1)
Other/Undetermined	577	(5)	2053	(16)	1005	(16)	126	(19)	3761	(12)
Total	11321	(100)	13122	(100)	6456	(100)	649	(100)	31548	(100)

*Others: Multi-races and other races.



Note: Totals for all categories presented may change due to reporting delays or reclassification.

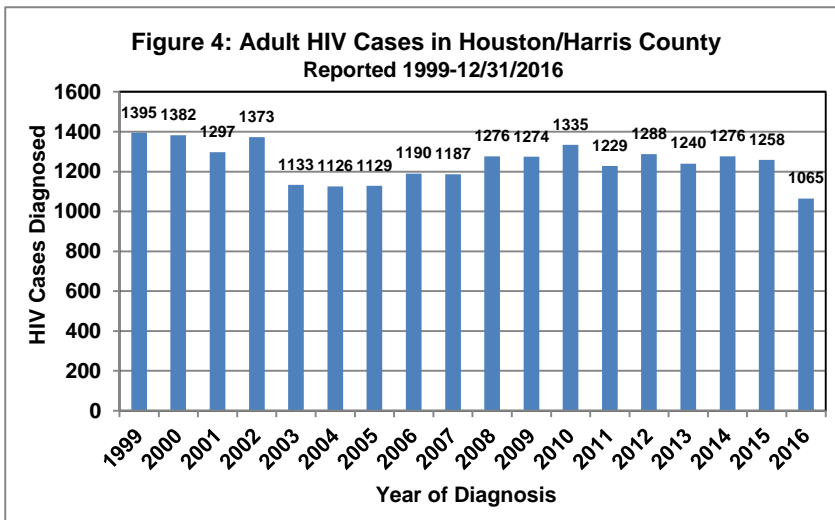
HIV: Summary of Adult* Reportable Houston/Harris County Cases

Cumulative - Reported 1999-12/31/2016

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

Sex		White Non-Hispanic		Black Non-Hispanic		All Races Hispanic		Others** Non-Hispanic		Total	
Males	Age Group	Cases	%	Cases	%	Cases	%	Cases	%	Cases	(%)
	13-19	51	(1)	505	(6)	210	(4)	22	(3)	788	(4)
	20-29	1038	(24)	3027	(35)	2059	(35)	238	(34)	6362	(32)
	30-39	1558	(36)	2501	(29)	2067	(35)	245	(35)	6371	(33)
	40-49	1100	(25)	1672	(19)	1049	(18)	133	(19)	3954	(20)
	over 49	583	(13)	998	(11)	463	(8)	59	(8)	2103	(11)
	Total	4330	(100)	8703	(100)	5848	(100)	697	60	19578	(100)
	Percent of row total		(22)		(44)		(30)		(4)		(100)
Females	Age Group	Cases	(%)	Cases	(%)	Cases	(%)	Cases	(%)	Cases	(%)
	13-19	35	(6)	421	(9)	79	(7)	27	(11)	562	(8)
	20-29	154	(25)	1641	(34)	382	(32)	80	(34)	2257	(32)
	30-39	191	(31)	1439	(29)	366	(31)	74	(31)	2070	(30)
	40-49	151	(24)	862	(18)	218	(18)	37	(16)	1268	(18)
	over 49	94	(15)	530	(11)	152	(13)	19	(8)	795	(11)
	Total	625	(100)	4893	(100)	1197	(100)	237	46	6952	(100)
	Percent of row total		(9)		(70)		(17)		(3)		(100)
All	Age Group	Cases	(%)	Cases	(%)	Cases	(%)	Cases	(%)	Cases	(%)
	13-19	86	(2)	926	(7)	289	(4)	49	(5)	1350	(5)
	20-29	1192	(24)	4668	(34)	2441	(35)	318	(34)	8619	(32)
	30-39	1749	(35)	3940	(29)	2433	(35)	319	(34)	8441	(32)
	40-49	1251	(25)	2534	(19)	1267	(18)	170	(18)	5222	(20)
	over 49	677	(14)	1528	(11)	615	(9)	78	(8)	2898	(11)
	Total	4955	(100)	13596	(100)	7045	(100)	934	(100)	26530	(100)
	Percent of row total		(19)		(51)		(27)		(4)		(100)

**Others: Multi-races and other races.



HIV became reportable in 1999. The year of diagnosis in Fig. 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 Fig. 4.

Editorial Note: Total for all categories presented may change due to reporting delays.

*Adult cases defined as 13 years of age and older.

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

CITY	Cases	(%)
Houston	24009	90.5
Baytown	221	0.8
Katy	270	1.0
Humble	494	1.9
Pasadena	346	1.3
Spring	311	1.2
Others*	879	3.3
TOTAL	26530	100.0

*Includes Bellaire, Channelview, Clear Lake City, Crosby, Cypress, Galena Park, Highlands, Huffman, Dear Park, Kingwood, La Porte, Seabrook, South Houston, Tomball and others.

Table 7: Reported Adult HIV Cases by Mortality Status

Status	Cases	(%)
Presumed Living	21784	82.1
Deceased	4746	17.9
Total	26530	100.0

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

Sex	White		Black		ALL Races		Others*		Total	
	Non-Hispanic		Non-Hispanic		Hispanic		Non-Hispanic			
Males										
Risk	Cases	(%)	Cases	(%)	Cases	(%)	Cases	(%)	Cases	(%)
Male to Male Sexual Contact	3165	(73)	4174	(48)	3699	(63)	424	(61)	11462	(59)
Injection Drug Use (IDU)	178	(4)	701	(8)	167	(3)	42	(6)	1088	(6)
Male to Male Sex & IDU	296	(7)	387	(4)	169	(3)	36	(5)	888	(5)
Heterosexual Contact	144	(3)	1425	(16)	594	(10)	70	(10)	2233	(11)
Other/Undetermined	547	(13)	2016	(23)	1219	(21)	125	(18)	3907	(20)
Total	4330	(100)	8703	(100)	5848	(100)	697	(100)	19578	(100)
Percent of column total	(87)		(64)		(83)		(75)		(74)	
Females										
Risk	Cases	(%)	Cases	(%)	Cases	(%)	Cases	(%)	Cases	(%)
Injection Drug Use (IDU)	163	(26)	588	(12)	72	(6)	23	(10)	846	(12)
Heterosexual Contact	269	(43)	2659	(54)	736	(61)	129	(54)	3793	(55)
Other/Undetermined	193	(31)	1646	(34)	389	(32)	85	(36)	2313	(33)
Total	625	(100)	4893	(100)	1197	(100)	237	(100)	6952	(100)
Percent of column total	(13)		(36)		(17)		(25)		(26)	
All Sexes										
Risk	Cases	(%)	Cases	(%)	Cases	(%)	Cases	(%)	Cases	(%)
Male to Male Sexual Contact	3165	(64)	4174	(31)	3699	(53)	424	(45)	11462	(43)
Injection Drug Use (IDU)	341	(7)	1289	(9)	239	(3)	65	(7)	1934	(7)
Male to Male Sex & IDU	296	(6)	387	(3)	169	(2)	36	(4)	888	(3)
Heterosexual Contact	413	(8)	4084	(30)	1330	(19)	199	(21)	6026	(23)
Other/Undetermined	740	(15)	3662	(27)	1608	(23)	210	(22)	6220	(23)
Total	4955	(100)	13596	(100)	7045	(100)	934	(100)	26530	(100)

*Others: Multi-races and other races.

Figure 5: Reported Adult HIV cases in Houston/Harris Co., By Identified Risk 1/1/1999-12/31/2016

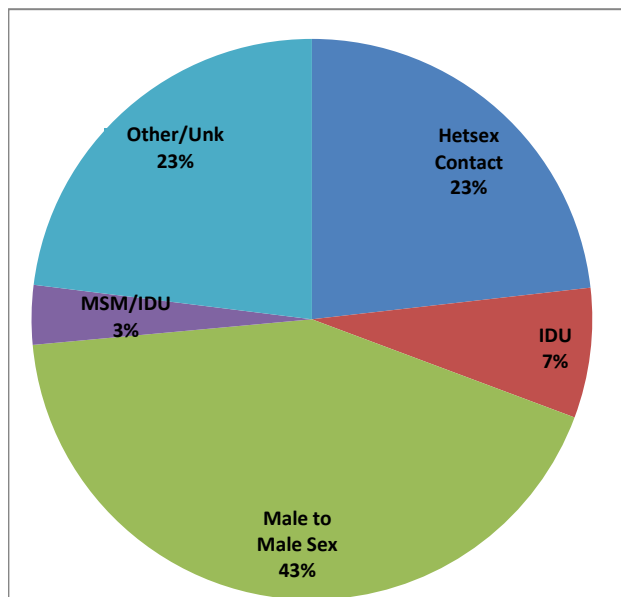
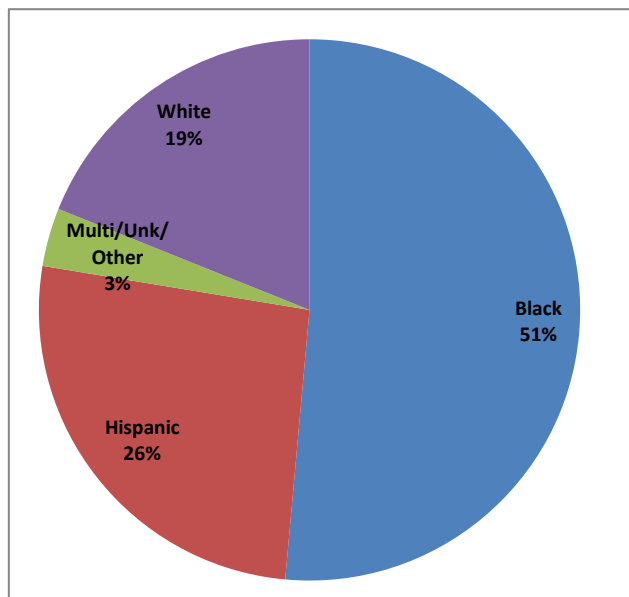


Figure 6: Reported Adult HIV Cases in Houston/Harris Co., By Race/Ethnicity 1/1/1999-12/31/2016



Editorial Note: Totals for all categories presented may change due to reporting delays.

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).