



HIV

STD

A Current View

presented by

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Bureau of HIV/STD Prevention



**Houston Department of
Health and Human Services**

SCALE

Hilton Americas Hotel

Houston, Texas

December 18, 2006

Total **Estimated** AIDS Cases



United States¹

(Reported through 12/05)

Alive 425,910 (44.5%)

Dead 530,756 (55.5%)

Total 956,666 (100%)

¹U.S. totals include data from the United States (50 states and the District of Columbia).

All national information comes from the HIV/AIDS Surveillance Report, Centers for Disease Control and Prevention, December 2005. To access this report on the internet, go to <http://www.cdc.gov/hiv/stats/hasrlink.htm>

Total **Reported** HIV/AIDS Cases



Texas

(Reported through 12/05)

Alive 56,012 (61.1%)

Dead 35,699 (38.9%)

Total 91,711 (100%)

Harris County

(Reported through 12/05)

Alive 17,049 (56.6%)

Dead 13,083 (43.4%)

Total 30,132 (100%)

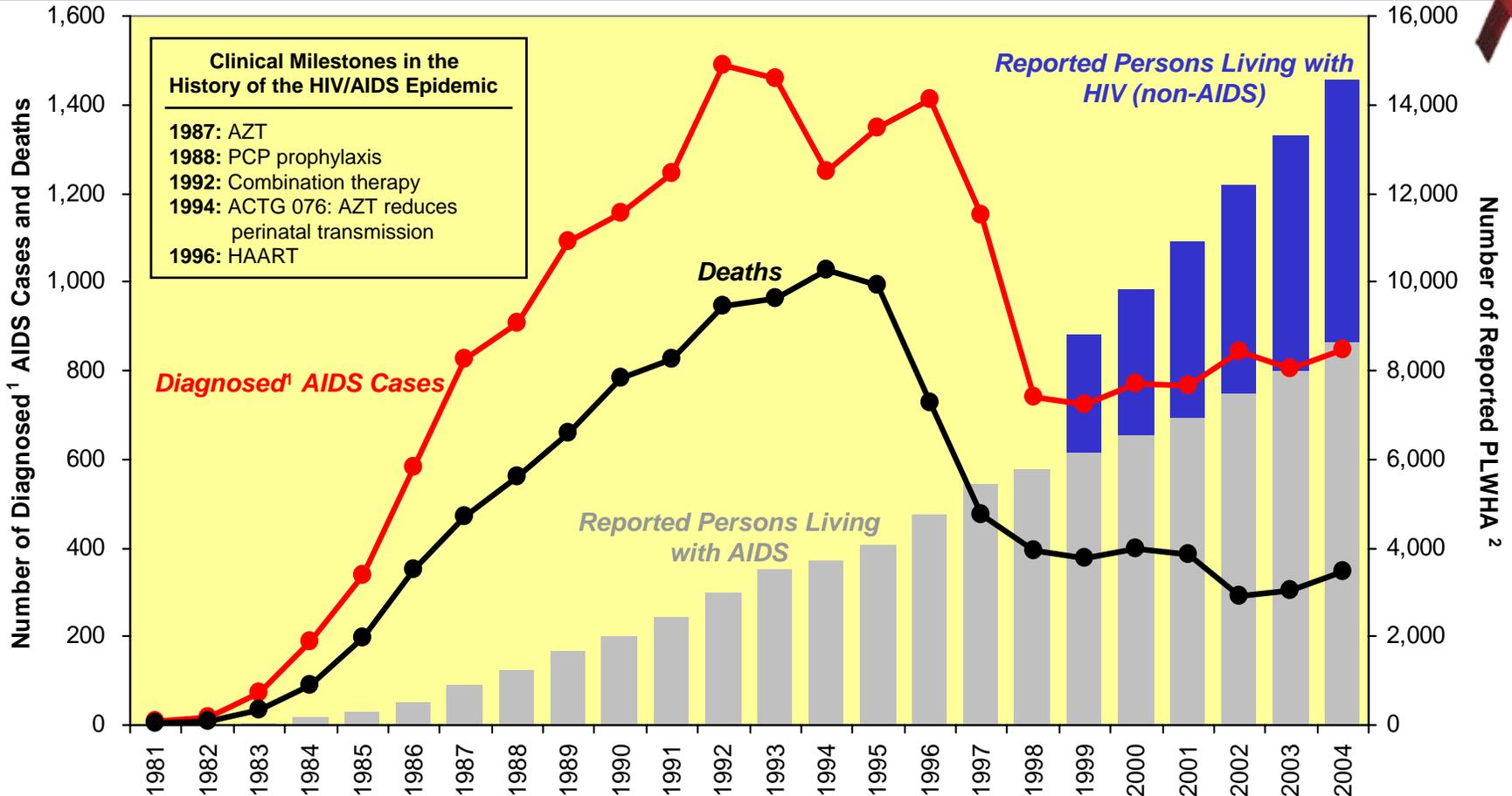
NOTE: Harris County accounts for approximately 33% of the HIV/AIDS cases in the entire state of Texas.

AIDS Cases Diagnosed¹, PLWHA² and Deaths

Houston/Harris County, Texas

1981 – 2004

As of February 1, 2006



Clinical Milestones in the History of the HIV/AIDS Epidemic

- 1987: AZT
- 1988: PCP prophylaxis
- 1992: Combination therapy
- 1994: ACTG 076: AZT reduces perinatal transmission
- 1996: HAART

Calendar Year

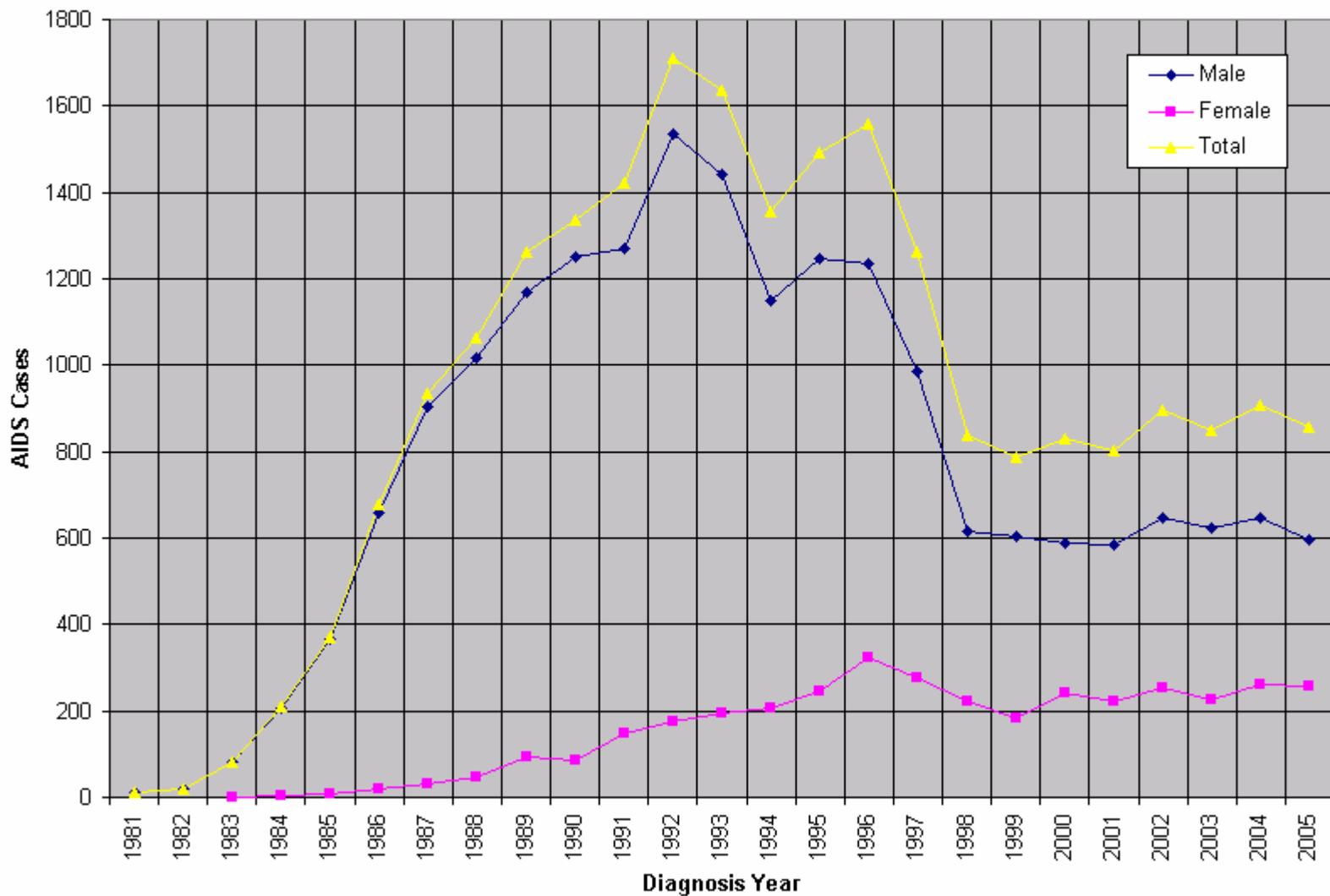
- 1981: First cases of PCP, KS reported from NYC, LA
- 1982: AIDS enters the nomenclature
- 1983: AIDS case reporting mandated by Texas
- 1984: HIV identified as causative agent
- 1987: First commercial EIA, screening of US blood supply begins
- 1988: CDC AIDS case definition (23 OIs). Texas began reporting of HIV infection using anonymous, aggregate reporting system.
- 1992: TDH proposes HIV reporting by name.
- 1993: AIDS case definition expanded (CD4 <200, 26 OIs)
- 1994: Texas begins reporting adult HIV by UI and pediatric HIV by name.
- 1998: TDH again proposes HIV reporting by name.
- 2000: Texas begins reporting adult HIV by name.

1Reported AIDS Cases are graphically represented by diagnosis year NOT report year.
2PLWHA=Persons living with HIV/AIDS

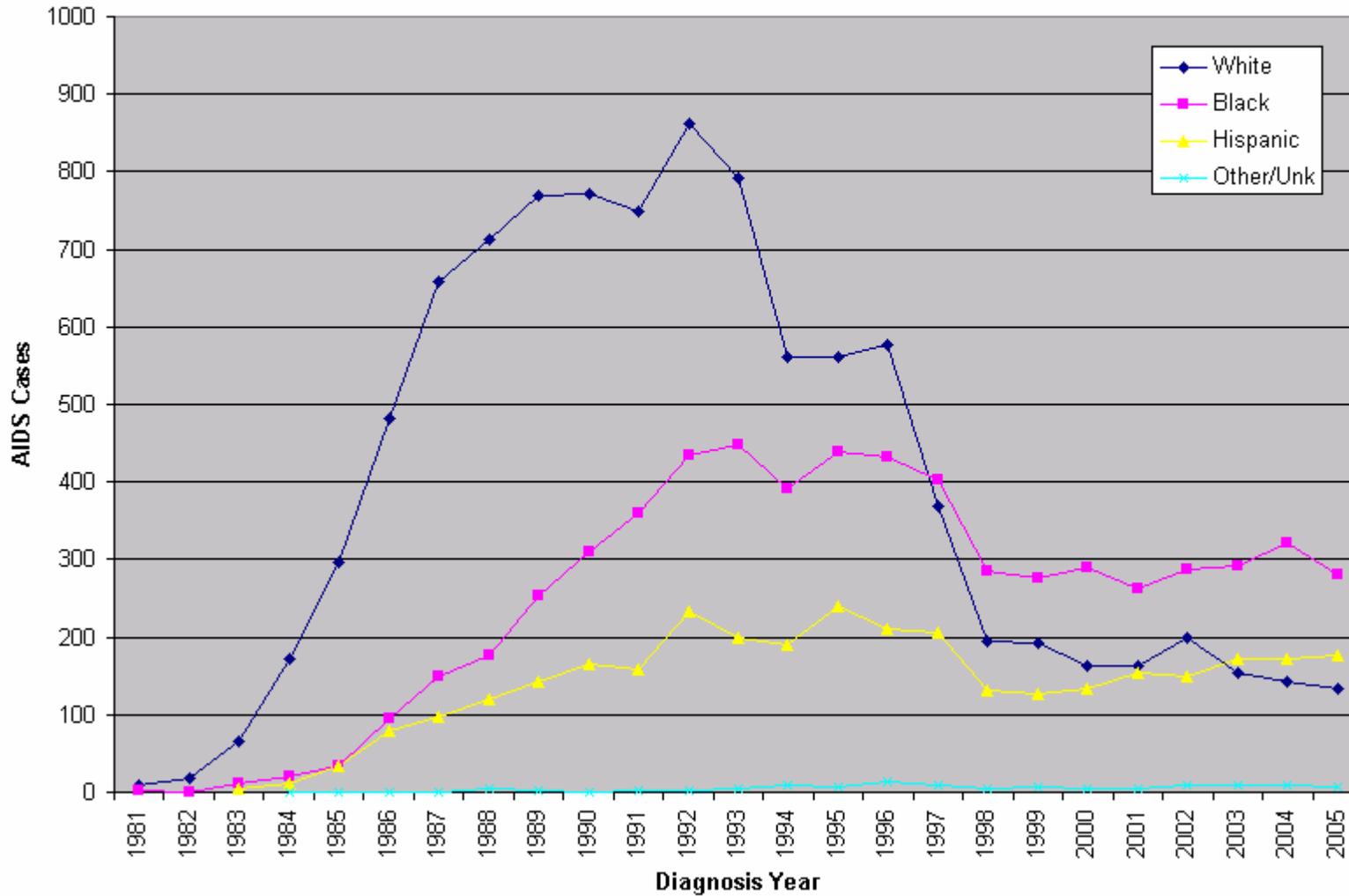
Houston Department of Health and Human Services



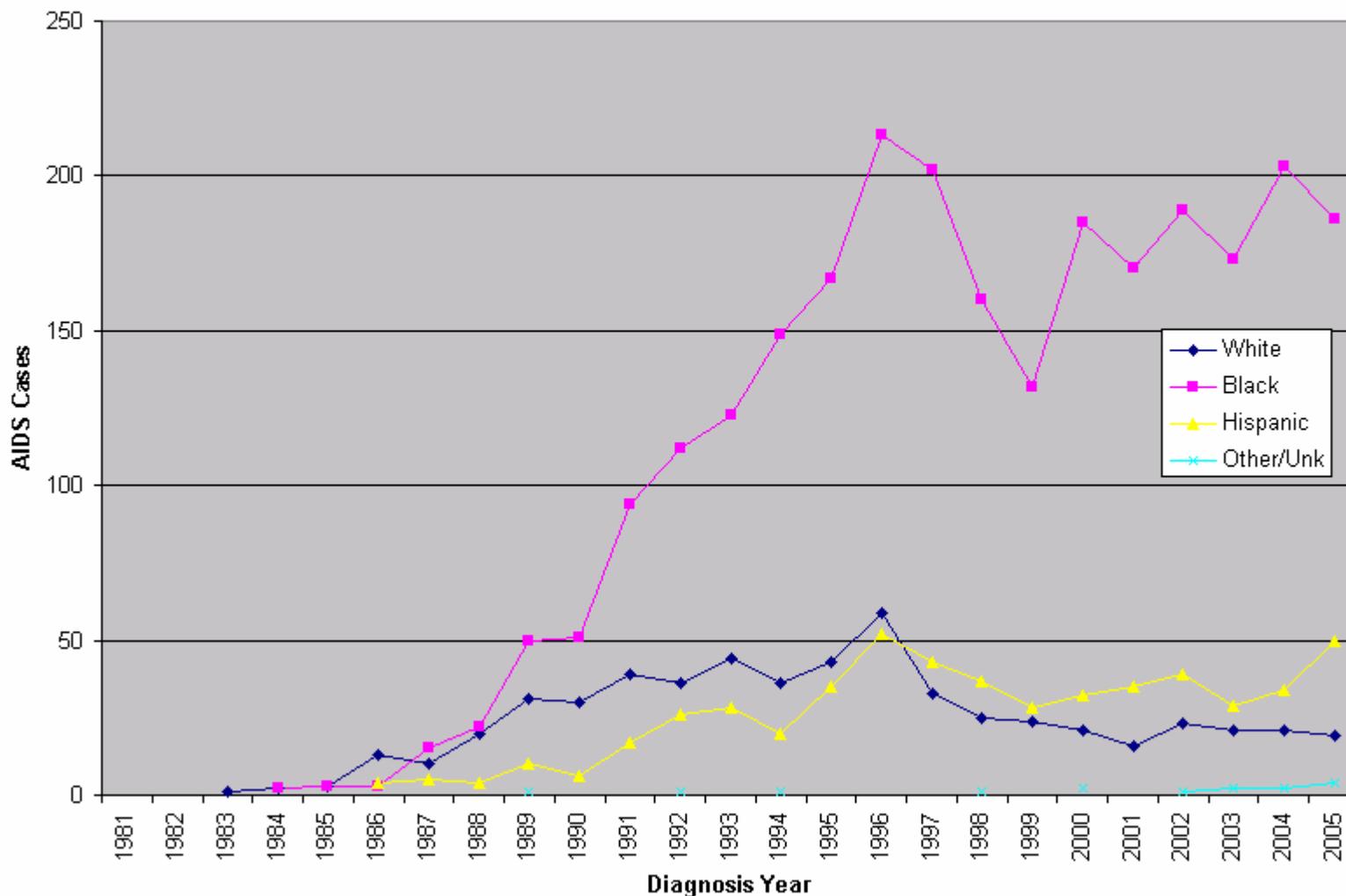
**AIDS Cases in Houston/Harris Co. by Sex and Diagnosis Year
(1981-2005, reported by 10/06)**



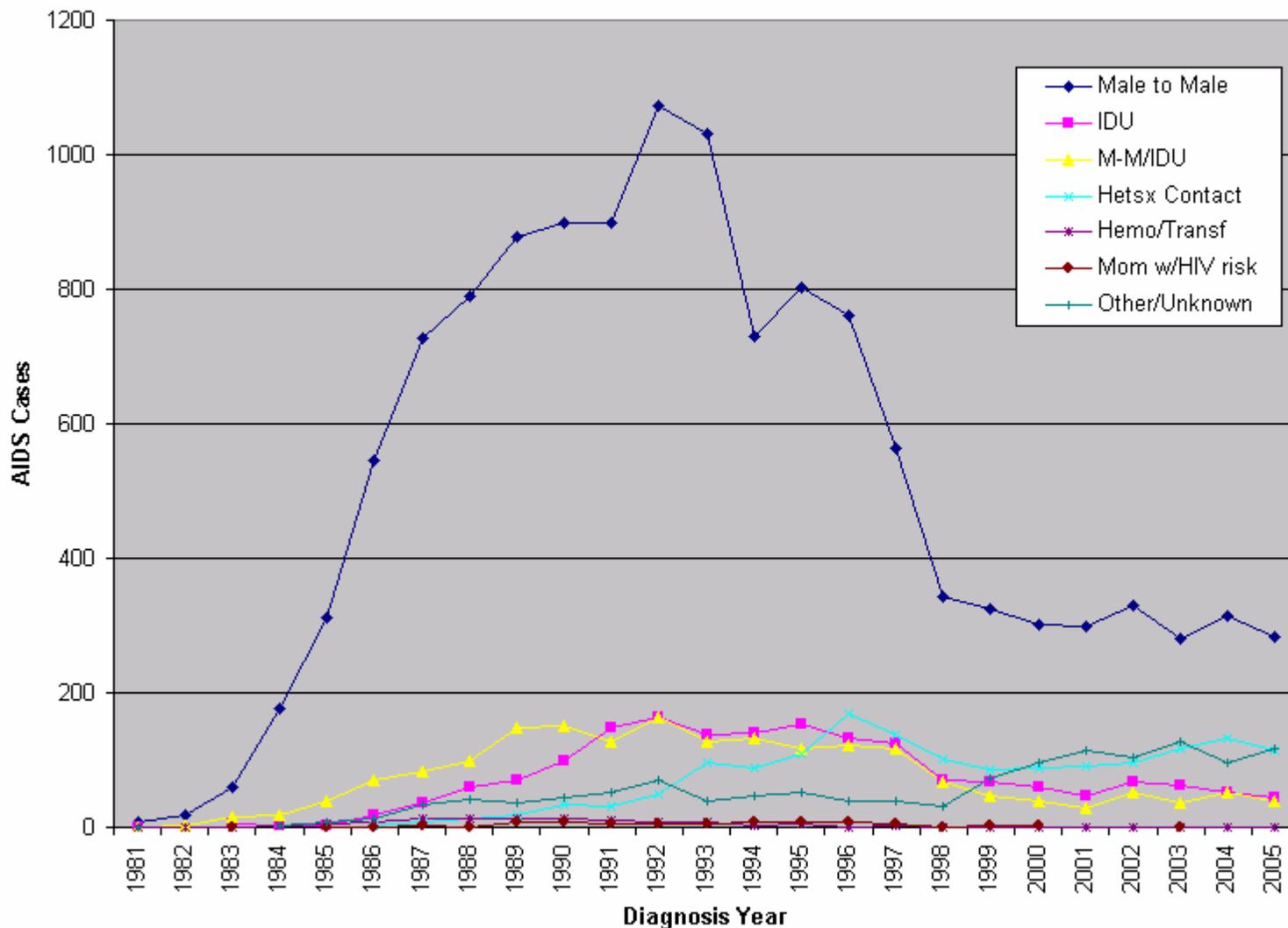
Male AIDS Cases in Houston/Harris Co. by Race and Diagnosis Year
(1981-2005, reported by 10/06)



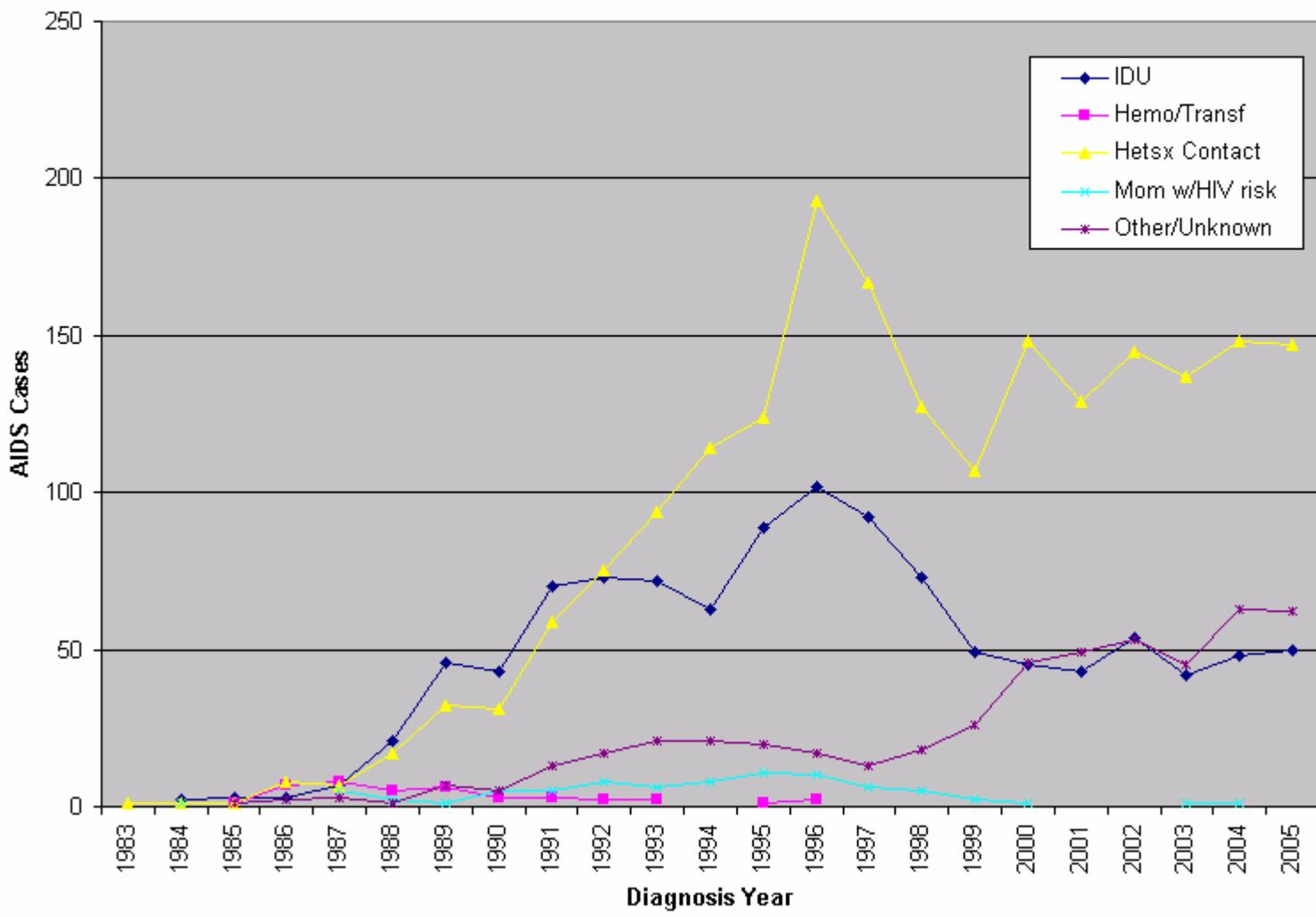
**Female AIDS Cases in Houston/Harris Co. by Race and Diagnosis Year
(1981-2005, reported by 10/06)**



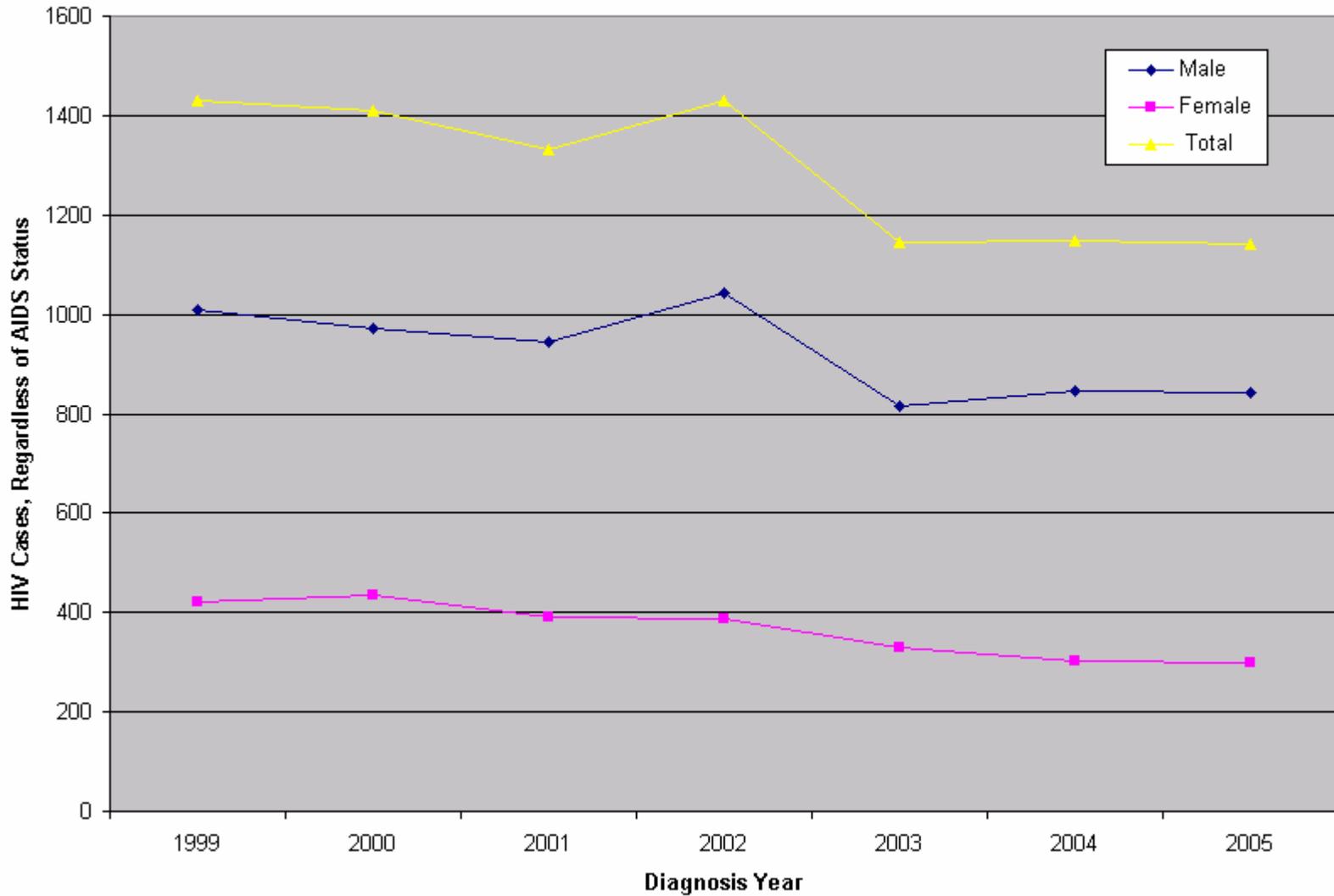
Male AIDS Cases in Houston/Harris Co. by Transmission Risk and Diagnosis Year
(1981-2005, reported by 10/06)



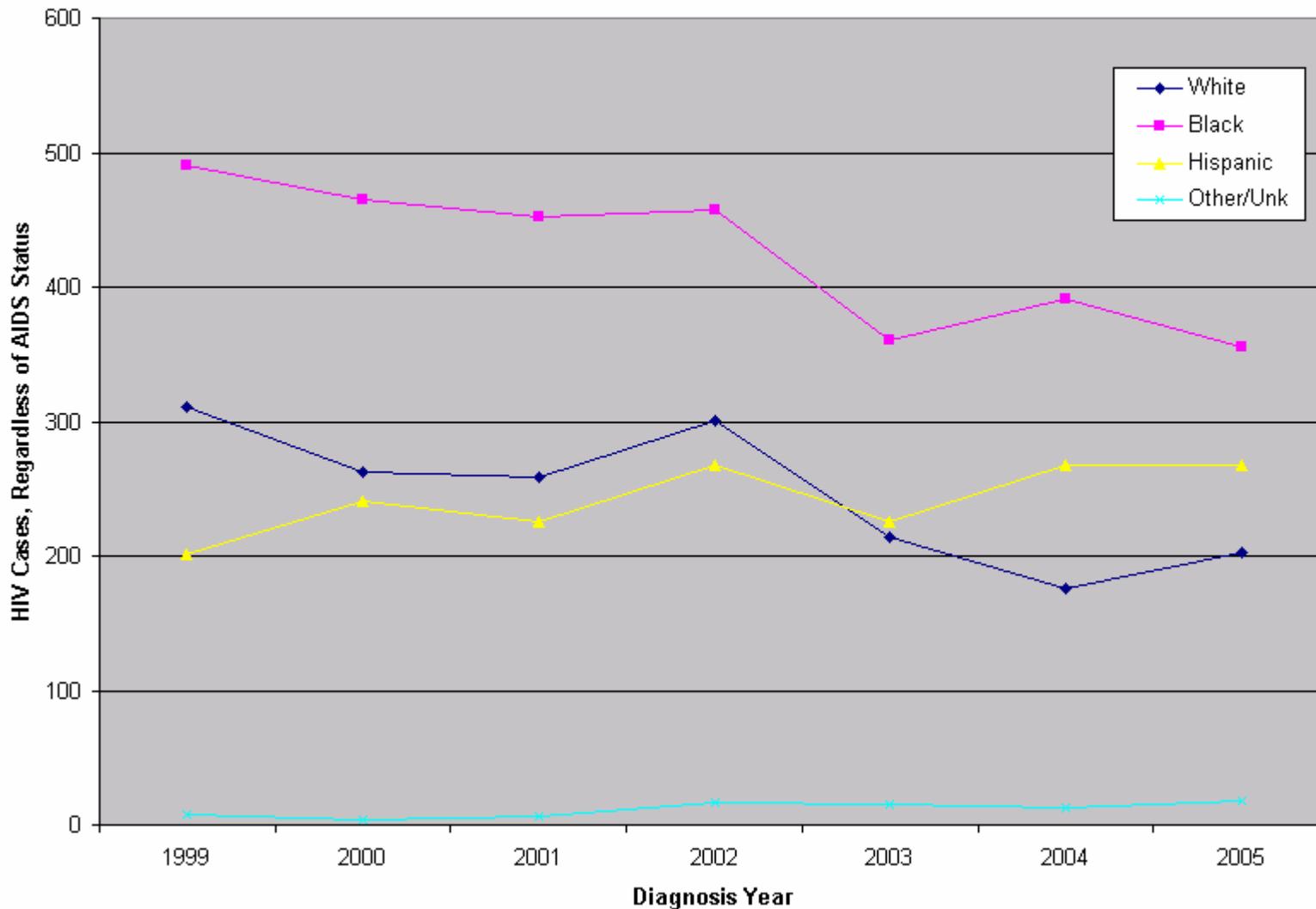
Female AIDS Cases in Houston/Harris Co. by Transmission Risk and Diagnosis Year (1981-2005, reported by 10/06)



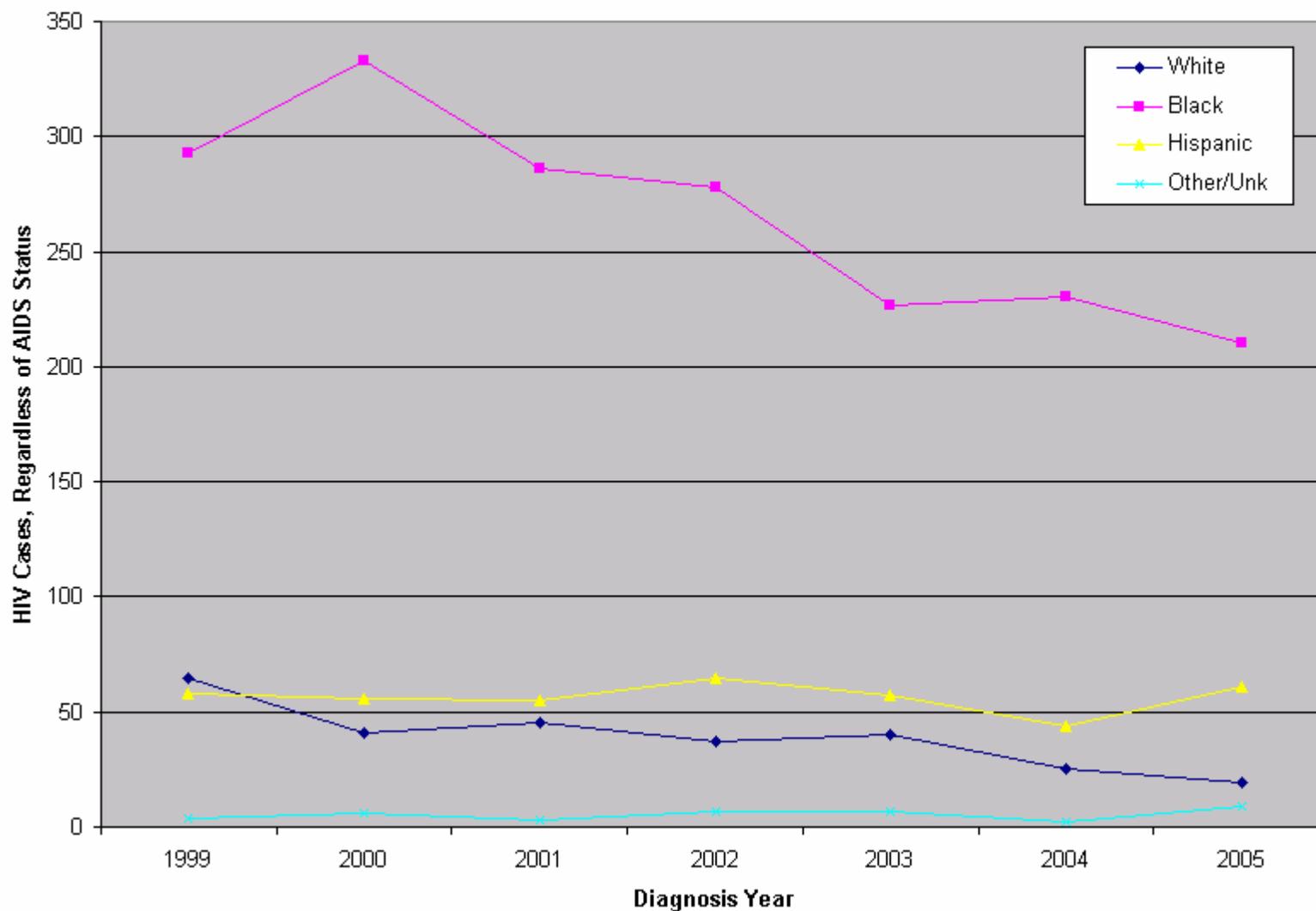
HIV Cases, Regardless of AIDS Status, in Houston/Harris Co. by Sex and Diagnosis Year
(1999-2005, reported by 10/06)



Male HIV Cases, Regardless of AIDS Status, by Race and Diagnosis Year
(1999-2005, reported by 10/06)



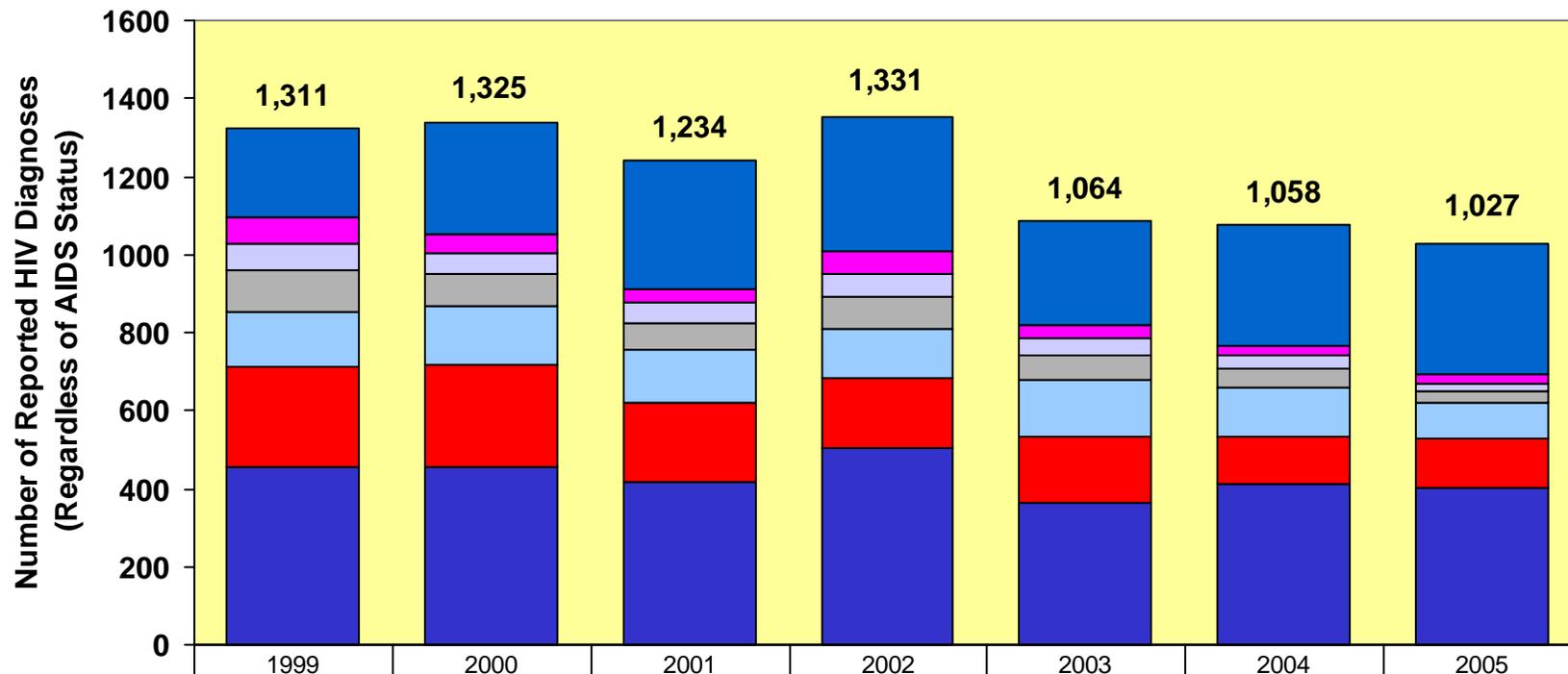
Female HIV Cases, Regardless of AIDS Status, by Race and Diagnosis Year
(1999-2005, reported by 10/06)



Total HIV Cases Diagnosed (Regardless of AIDS Status)

By Year of Diagnosis and BRG

Houston, Texas as of June 16, 2006



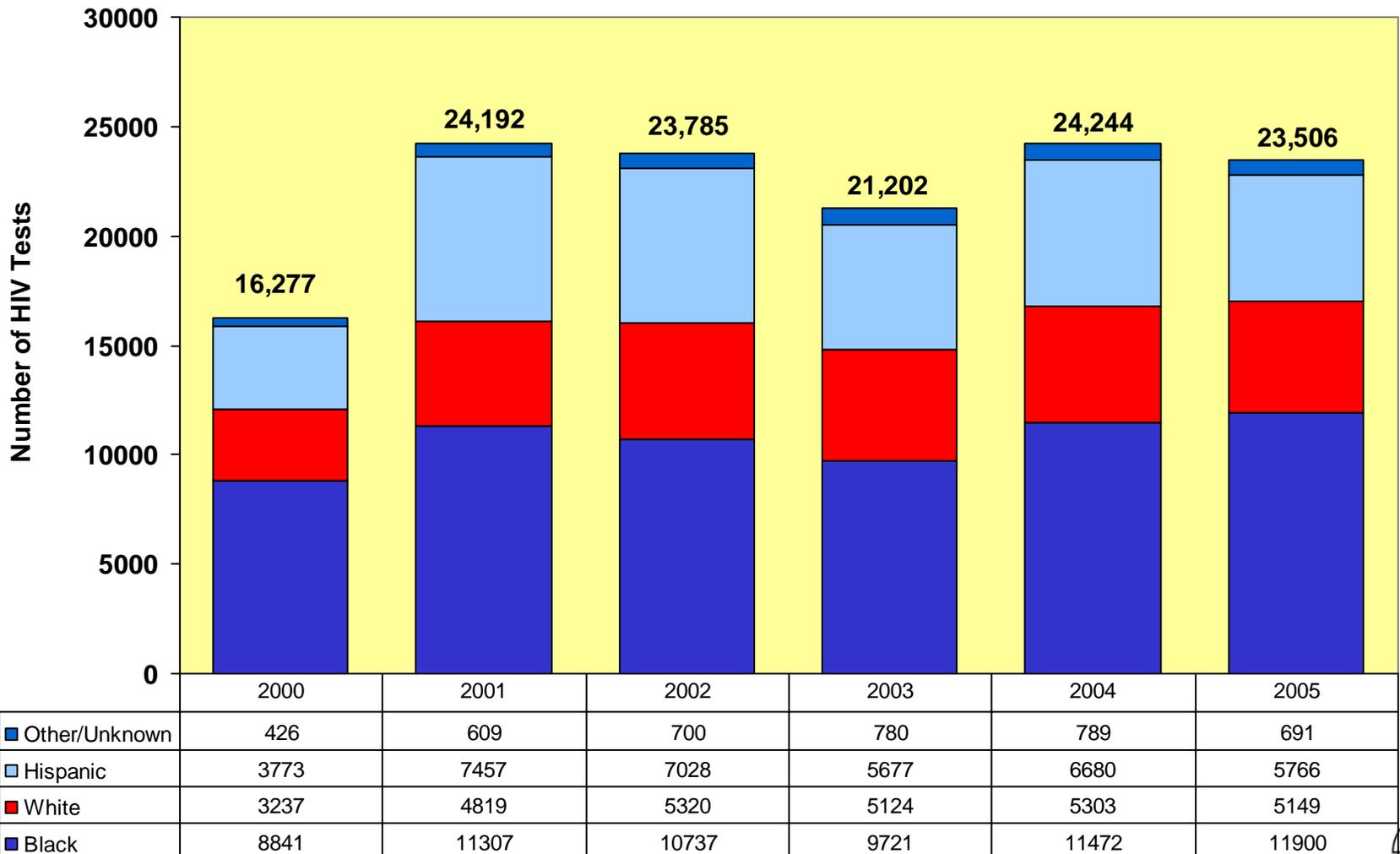
	1999	2000	2001	2002	2003	2004	2005
Other/Unknown	227	288	332	344	268	313	336
MSM/IDU	69	48	34	59	32	25	22
F/IDU	67	52	51	60	43	34	19
M/IDU	109	85	70	80	66	49	28
MSF	142	149	135	125	146	122	94
FSM	254	263	204	182	168	125	124
MSM	457	455	417	503	363	410	404



Total HIV Tests from HDHHS-Funded CTR Programs

By Year of Test and Race/Ethnicity

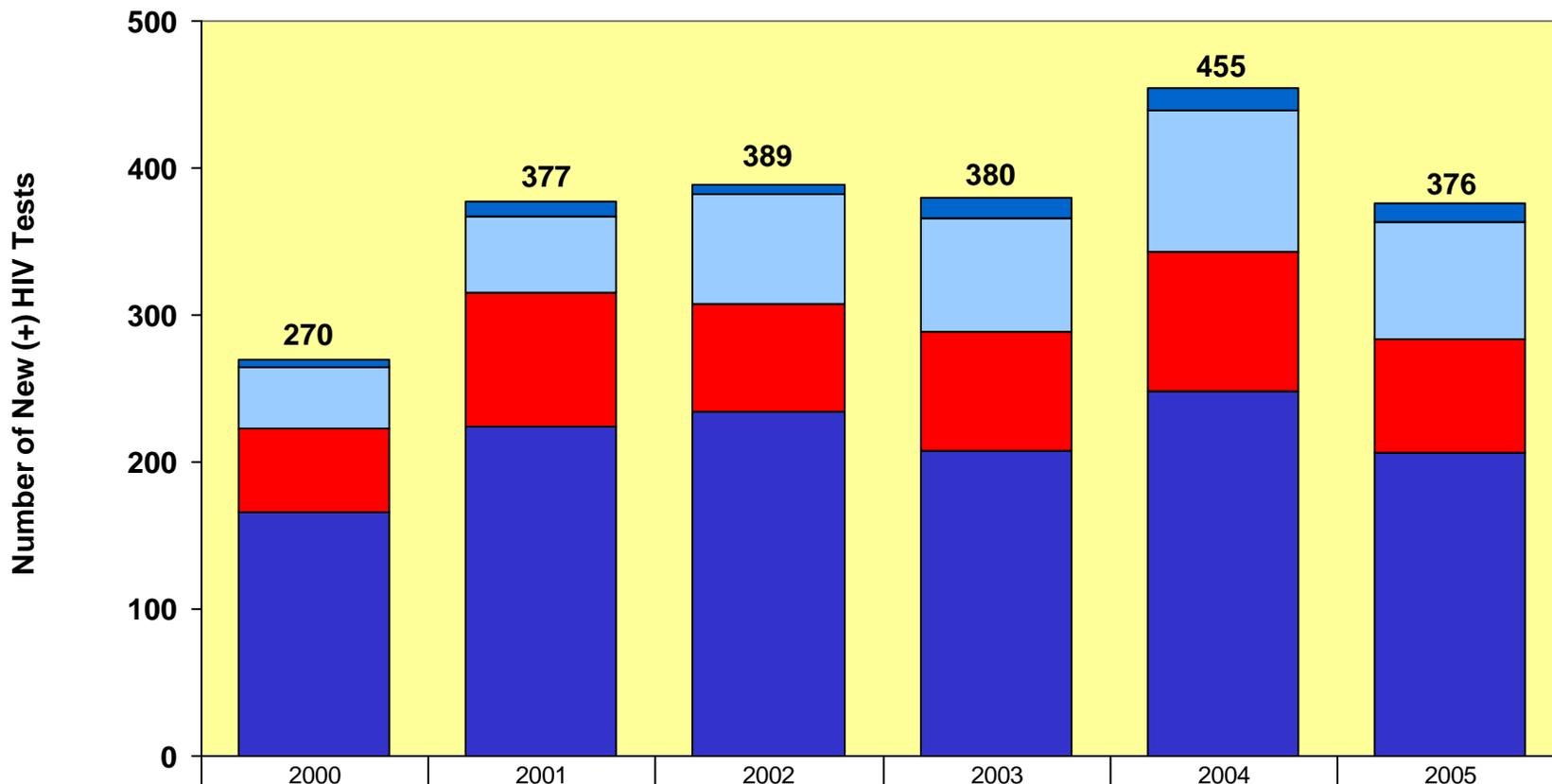
Houston, Texas as of February 21, 2006



Total New (+) HIV Tests from HDHHS-Funded CTR Programs

By Year of Test and Race/Ethnicity

Houston, Texas as of February 21, 2006



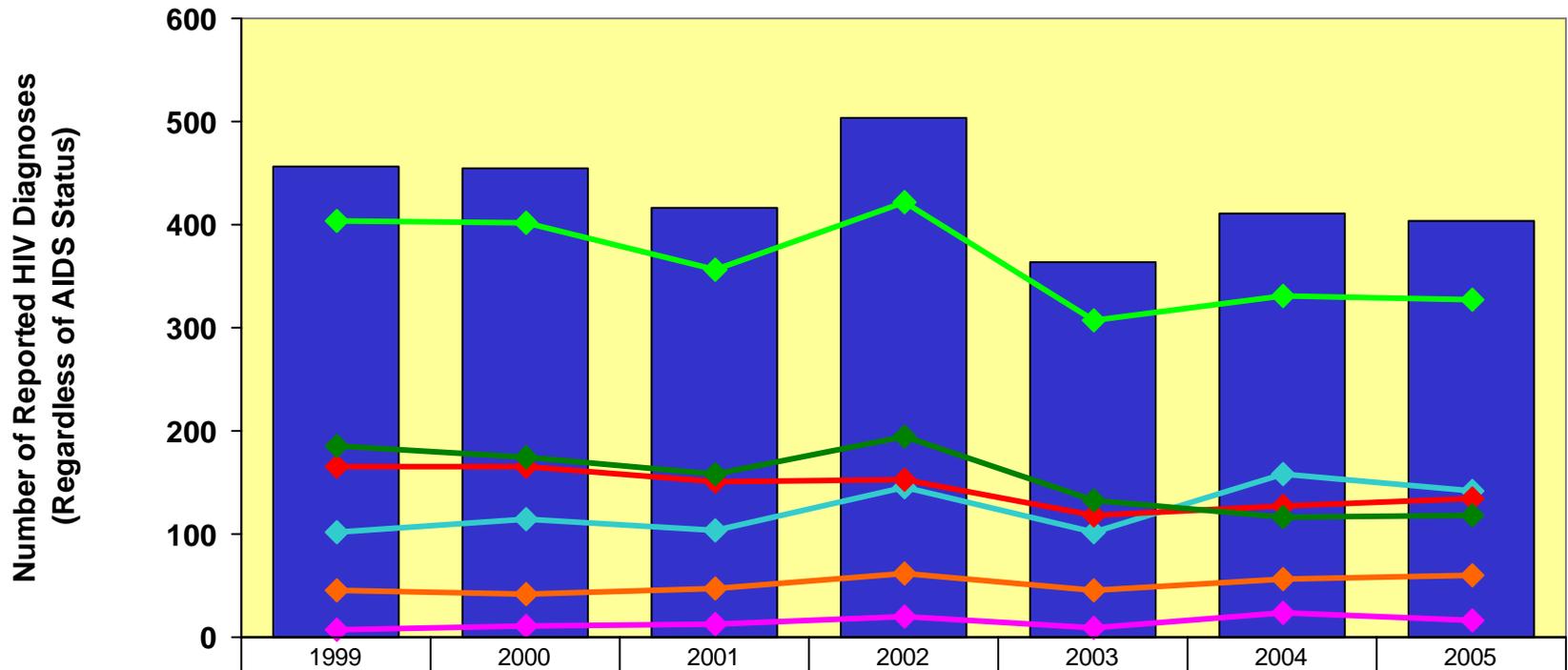
	2000	2001	2002	2003	2004	2005
Other/Unknown	5	10	7	14	16	13
Hispanic	42	52	75	77	96	79
White	57	91	73	82	95	78
Black	166	224	234	207	248	206



HIV Cases Diagnosed (Regardless of AIDS Status)

By Year of Diagnosis and Subpopulations – MSM BRG Only

Houston, Texas as of June 16, 2006



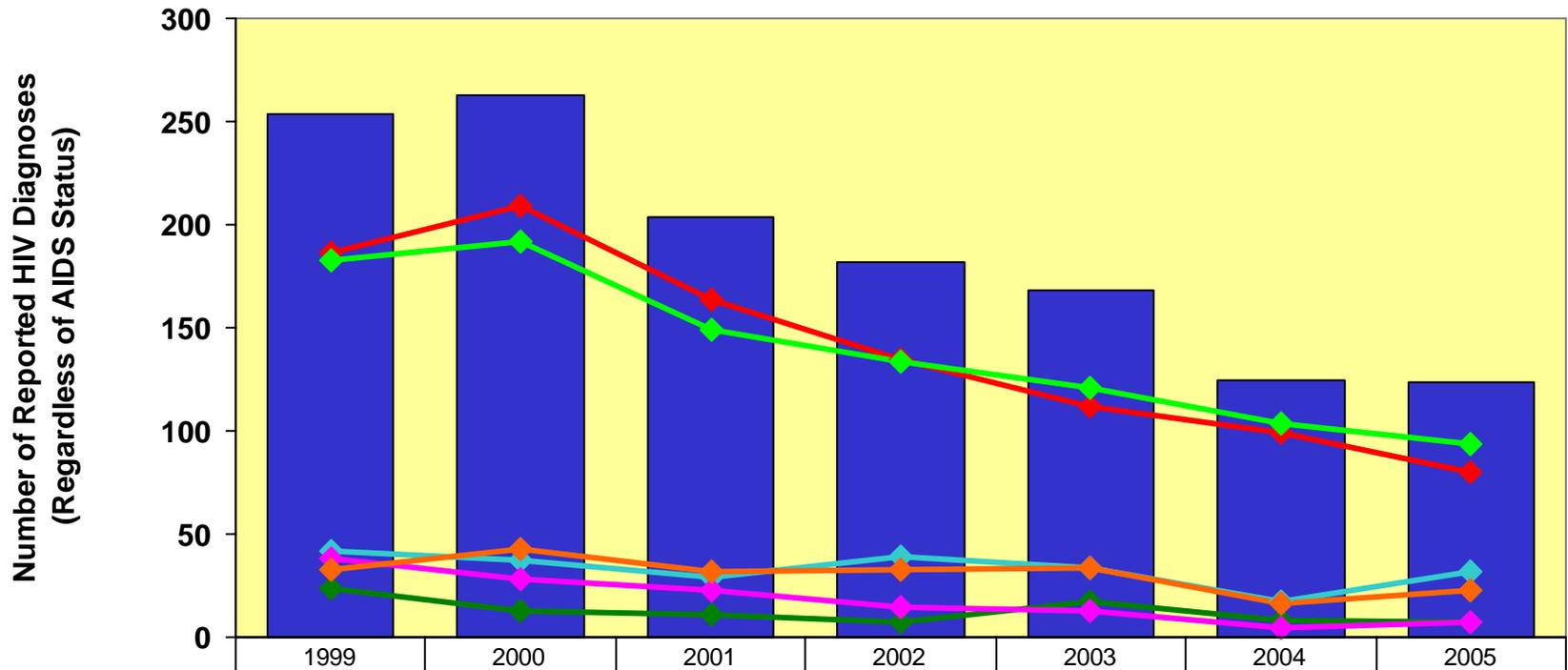
	1999	2000	2001	2002	2003	2004	2005
MSM Diagnoses	457	455	417	503	363	410	404
MSM 25+	404	402	357	422	308	330	327
MSM 20-24	46	42	48	61	45	57	60
MSM 13-19	7	11	12	20	10	23	17
MSM White	185	174	159	195	133	116	119
MSM Black	166	165	151	152	119	128	135
MSM Hispanic	102	114	103	145	102	159	142



HIV Cases Diagnosed (Regardless of AIDS Status)

By Year of Diagnosis and Subpopulations – FSM BRG Only

Houston, Texas as of June 16, 2006



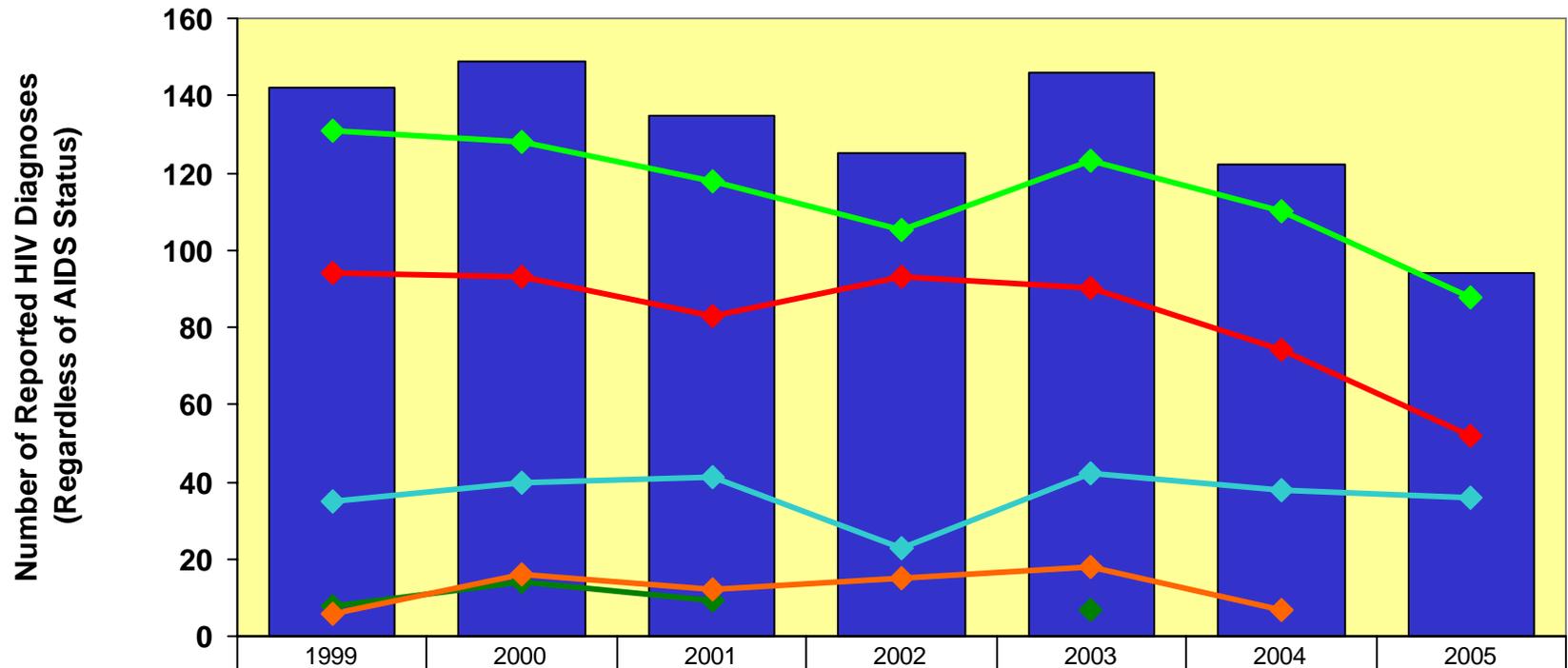
	1999	2000	2001	2002	2003	2004	2005
FSM Diagnoses	254	263	204	182	168	125	124
FSM 25+	183	192	149	134	121	104	94
FSM 20-24	33	43	32	33	34	16	23
FSM 13-19	38	28	23	15	13	5	7
FSM White	24	13	11	7	17	8	7
FSM Black	186	209	164	135	112	99	80
FSM Hispanic	42	37	29	39	34	17	32



HIV Cases Diagnosed (Regardless of AIDS Status)

By Year of Diagnosis and Subpopulations – MSF BRG Only

Houston, Texas as of June 16, 2006



	1999	2000	2001	2002	2003	2004	2005
MSF Diagnoses	142	149	135	125	146	122	94
MSF 25+	131	128	118	105	123	110	88
MSF 20-24	6	16	12	15	18	7	*
MSF 13-19	*	*	*	*	*	*	*
MSF White	8	14	9	*	7	*	*
MSF Black	94	93	83	93	90	74	52
MSF Hispanic	35	40	41	23	42	38	36

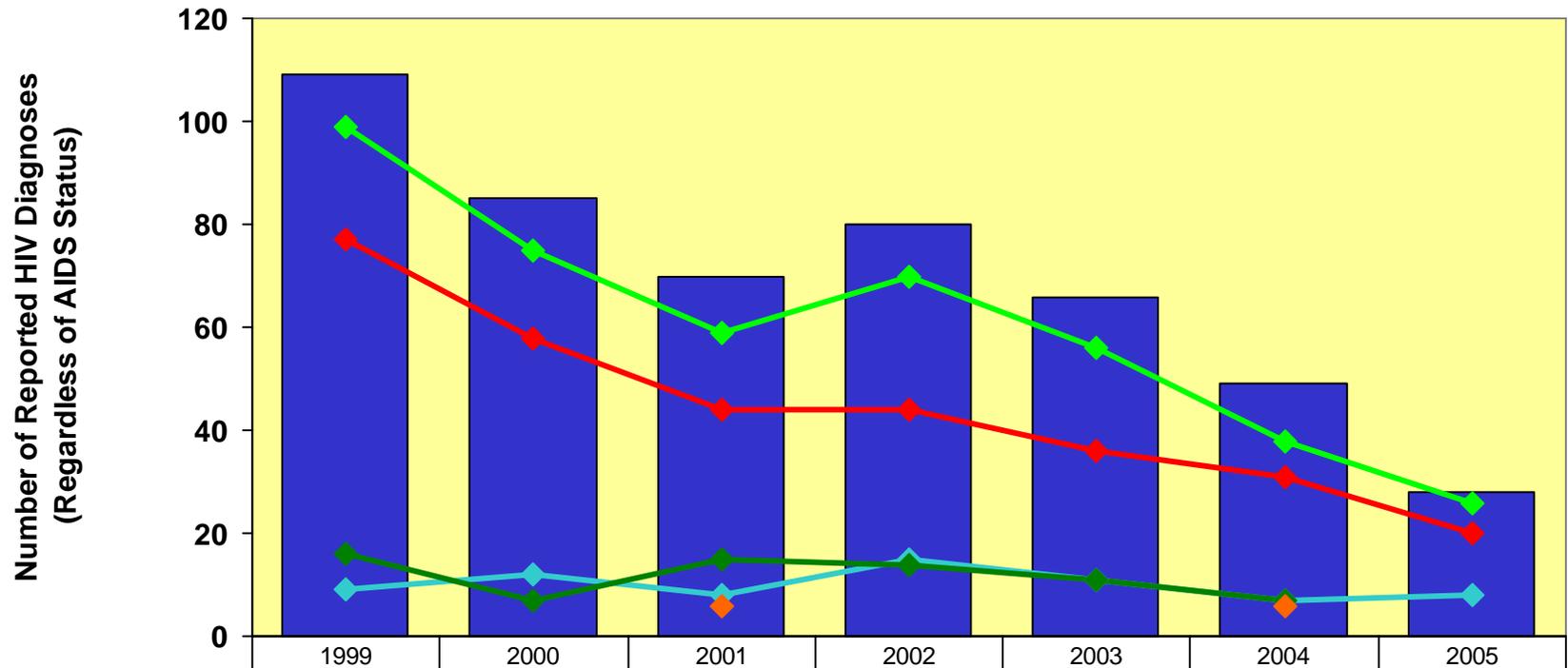
*Cell size is less than five (5).



HIV Cases Diagnosed (Regardless of AIDS Status)

By Year of Diagnosis and Subpopulations – M/IDU BRG Only

Houston, Texas as of June 16, 2006



	1999	2000	2001	2002	2003	2004	2005
M/IDU Diagnoses	109	85	70	80	66	49	28
M/IDU 25+	99	75	59	70	56	38	26
M/IDU 20-24	*	*	6	*	*	6	*
M/IDU 13-19	*	*	*	*	*	*	*
M/IDU White	16	7	15	14	11	7	*
M/IDU Black	77	58	44	44	36	31	20
M/IDU Hispanic	9	12	8	15	11	7	8

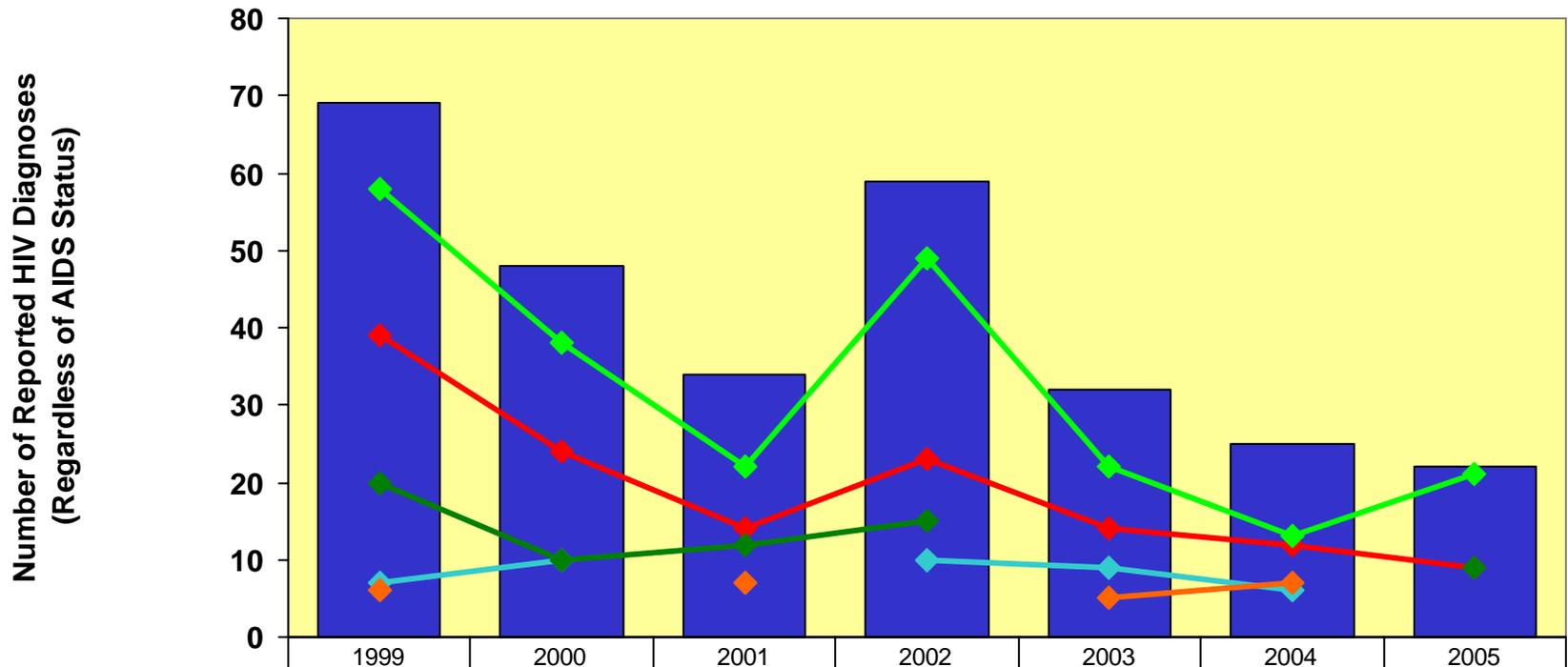
*Cell size is less than five (5).



HIV Cases Diagnosed (Regardless of AIDS Status)

By Year of Diagnosis and Subpopulations – MSM/IDU BRG Only

Houston, Texas as of June 16, 2006



	1999	2000	2001	2002	2003	2004	2005
MSM/IDU Diagnoses	69	48	34	59	32	25	22
MSM/IDU 25+	58	38	22	49	22	13	21
MSM/IDU 20-24	6	*	7	*	5	7	*
MSM/IDU 13-19	*	*	*	*	*	*	*
MSM/IDU White	20	10	12	15	*	*	9
MSM/IDU Black	39	24	14	23	14	12	9
MSM/IDU Hispanic	7	10	*	10	9	6	*

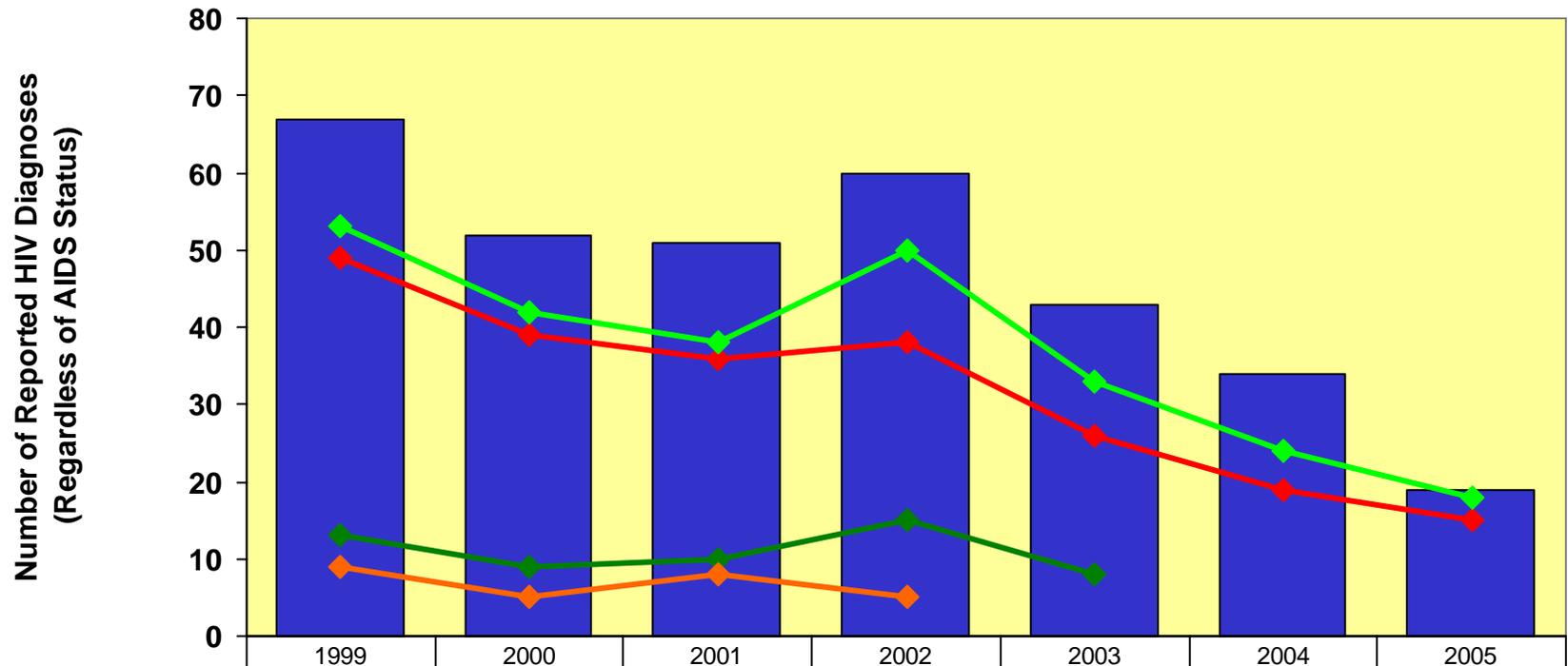
*Cell size is less than five (5).



HIV Cases Diagnosed (Regardless of AIDS Status)

By Year of Diagnosis and Subpopulations – F/IDU BRG Only

Houston, Texas as of June 16, 2006



	1999	2000	2001	2002	2003	2004	2005
F/IDU Diagnoses	67	52	51	60	43	34	19
F/IDU 25+	53	42	38	50	33	24	18
F/IDU 20-24	9	5	8	5	*	*	*
F/IDU 13-19	*	*	*	*	*	*	*
F/IDU White	13	9	10	15	8	*	*
F/IDU Black	49	39	36	38	26	19	15
F/IDU Hispanic	*	*	*	*	*	*	*

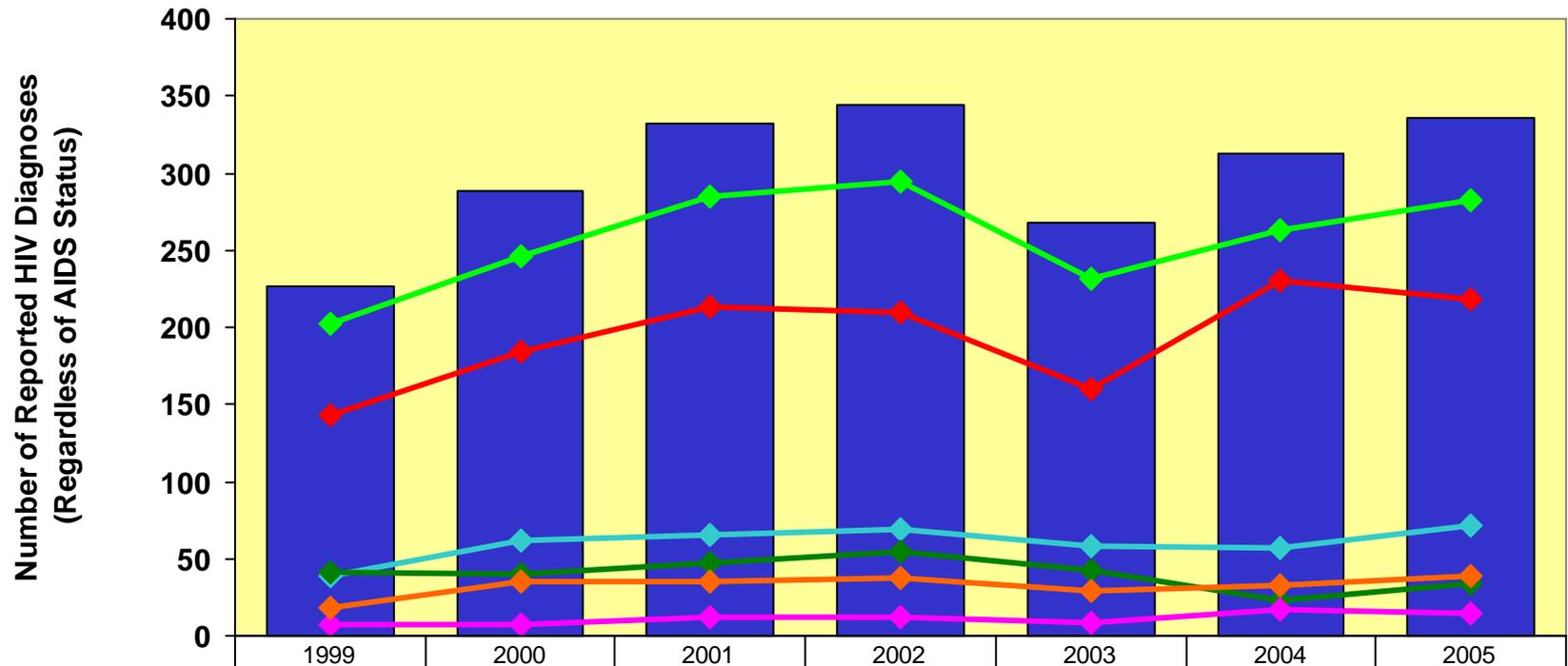
*Cell size is less than five (5).



HIV Cases Diagnosed (Regardless of AIDS Status)

By Year of Diagnosis and Subpopulations – No Reported Risk (NRR)

Houston, Texas as of June 16, 2006



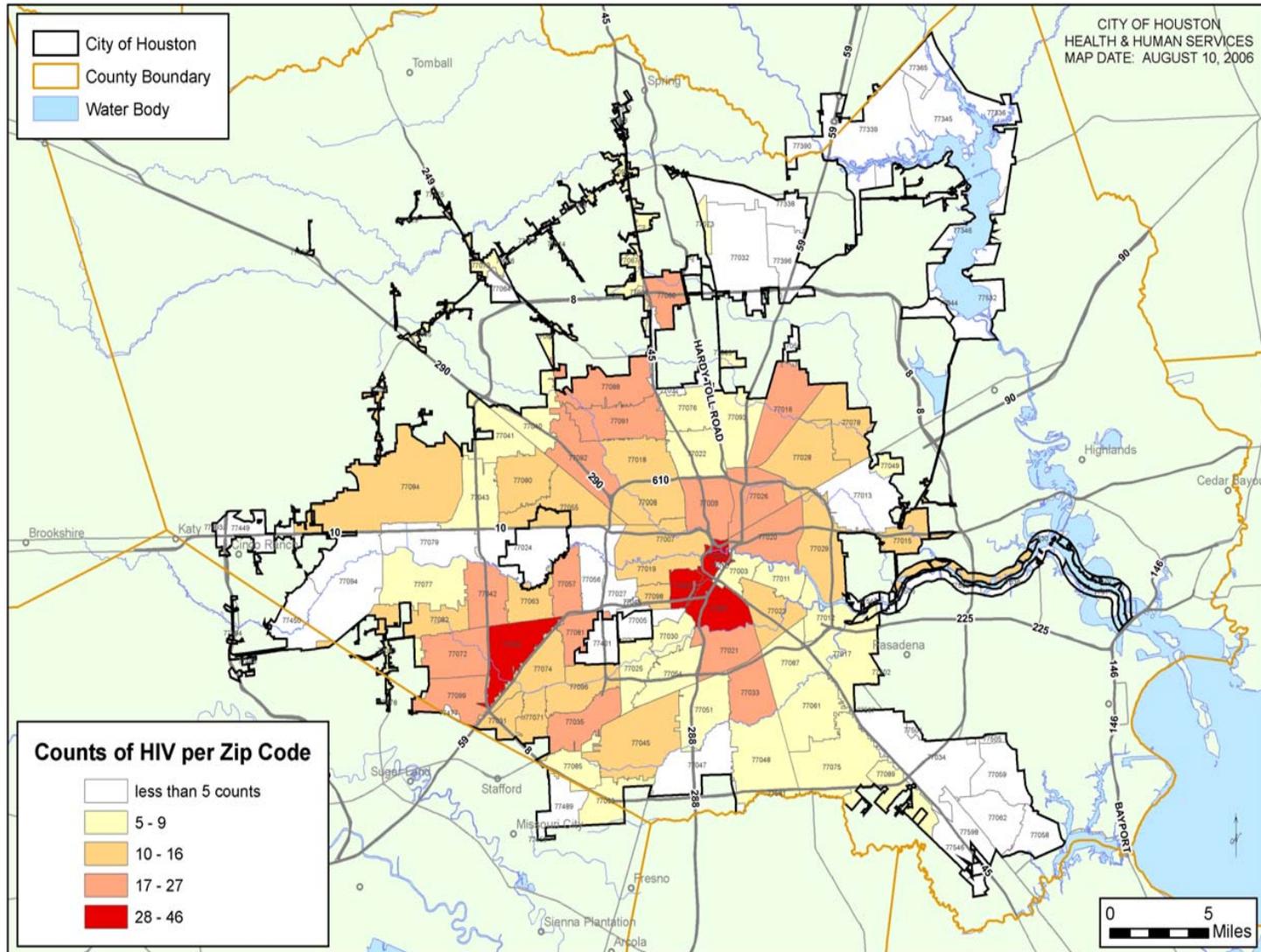
NRR Diagnoses	227	288	332	344	268	313	336
NRR 25+	202	246	285	294	231	263	283
NRR Black	143	184	213	210	160	230	218
NRR Hispanic	39	62	65	69	58	57	72
NRR White	41	40	47	55	43	23	34
NRR 20-24	18	35	35	38	29	33	39
NRR 13-19	7	7	12	12	8	17	14



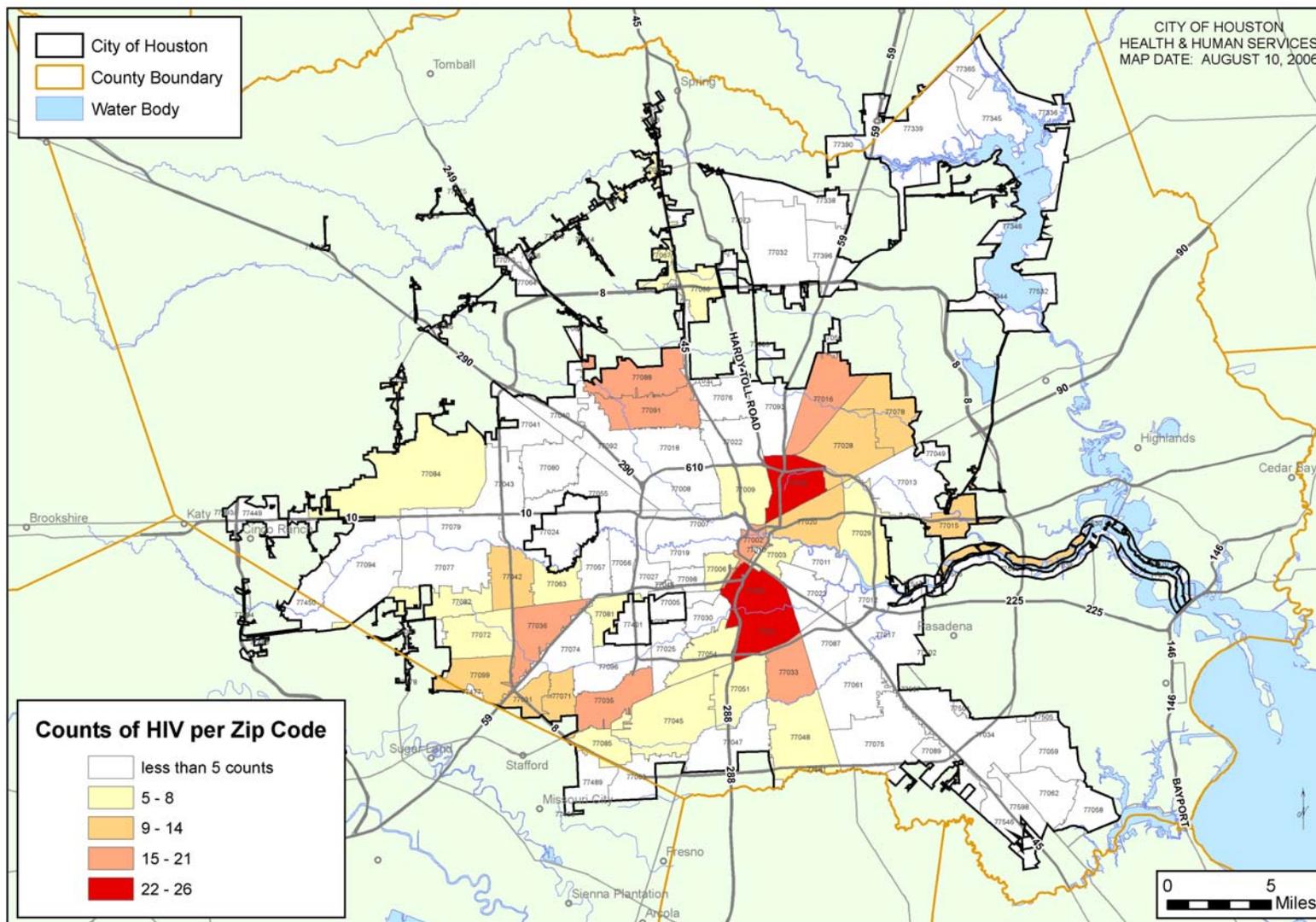
HIV Cases Diagnosed (Regardless of AIDS Status) in 2005

All Races (All BRGs) by Zip Code

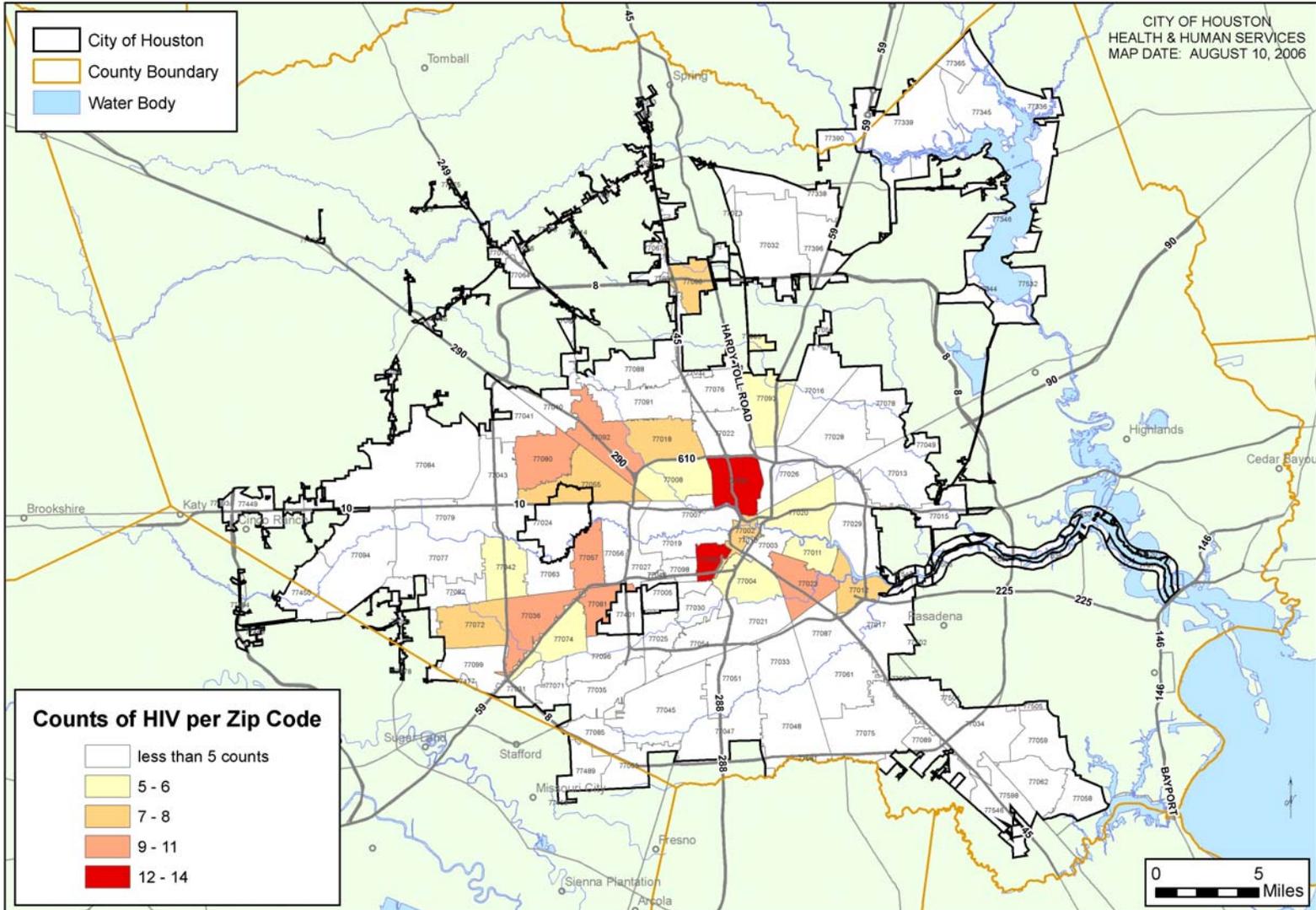
Houston, Texas as of August 10, 2006



HIV Cases Diagnosed (Regardless of AIDS Status) in 2005 Black/Non-Hispanics Only (All BRGs) by Zip Code Houston, Texas as of August 10, 2006



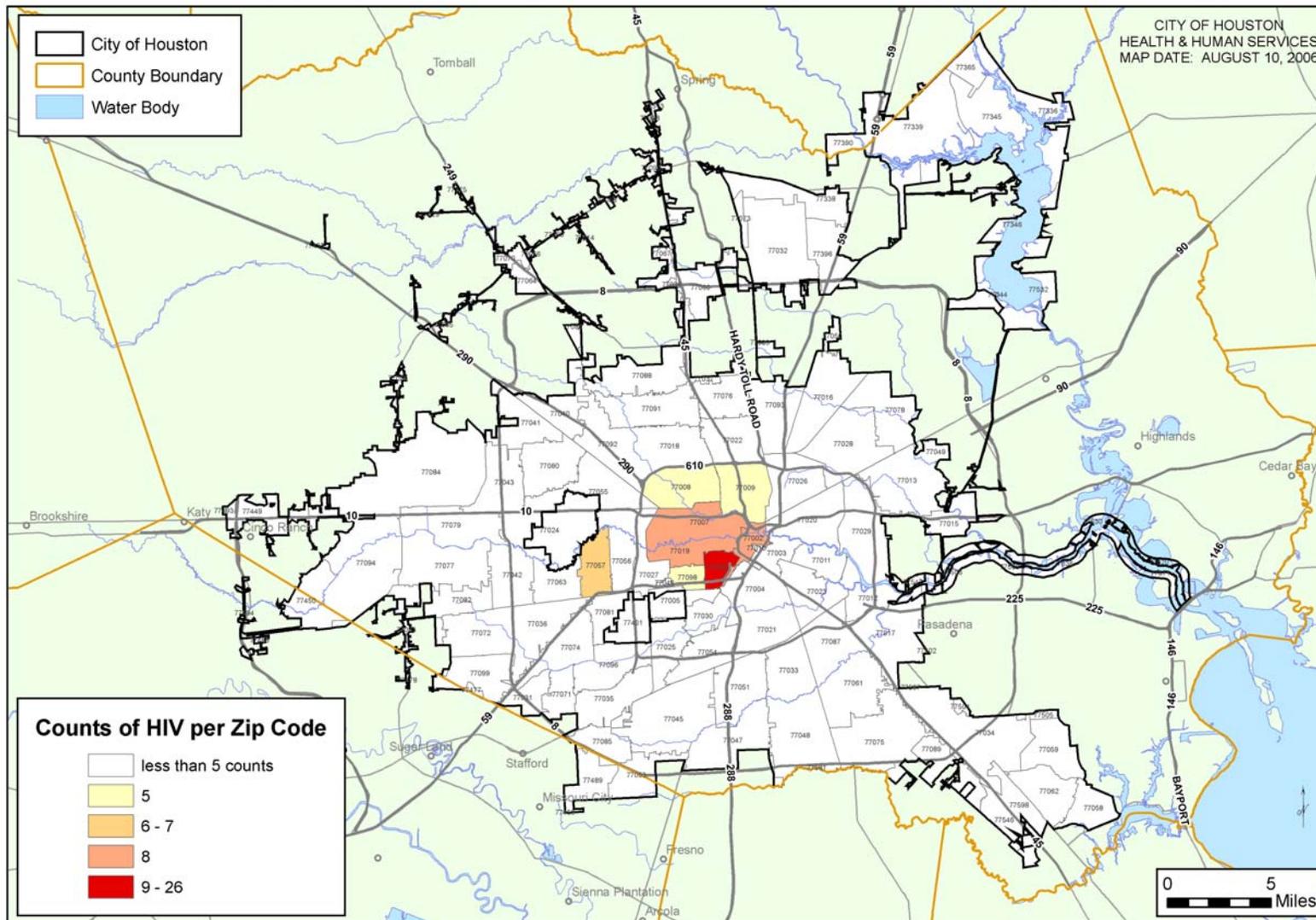
HIV Cases Diagnosed (Regardless of AIDS Status) in 2005 Hispanics Only (All BRGs) by Zip Code Houston, Texas as of August 10, 2006



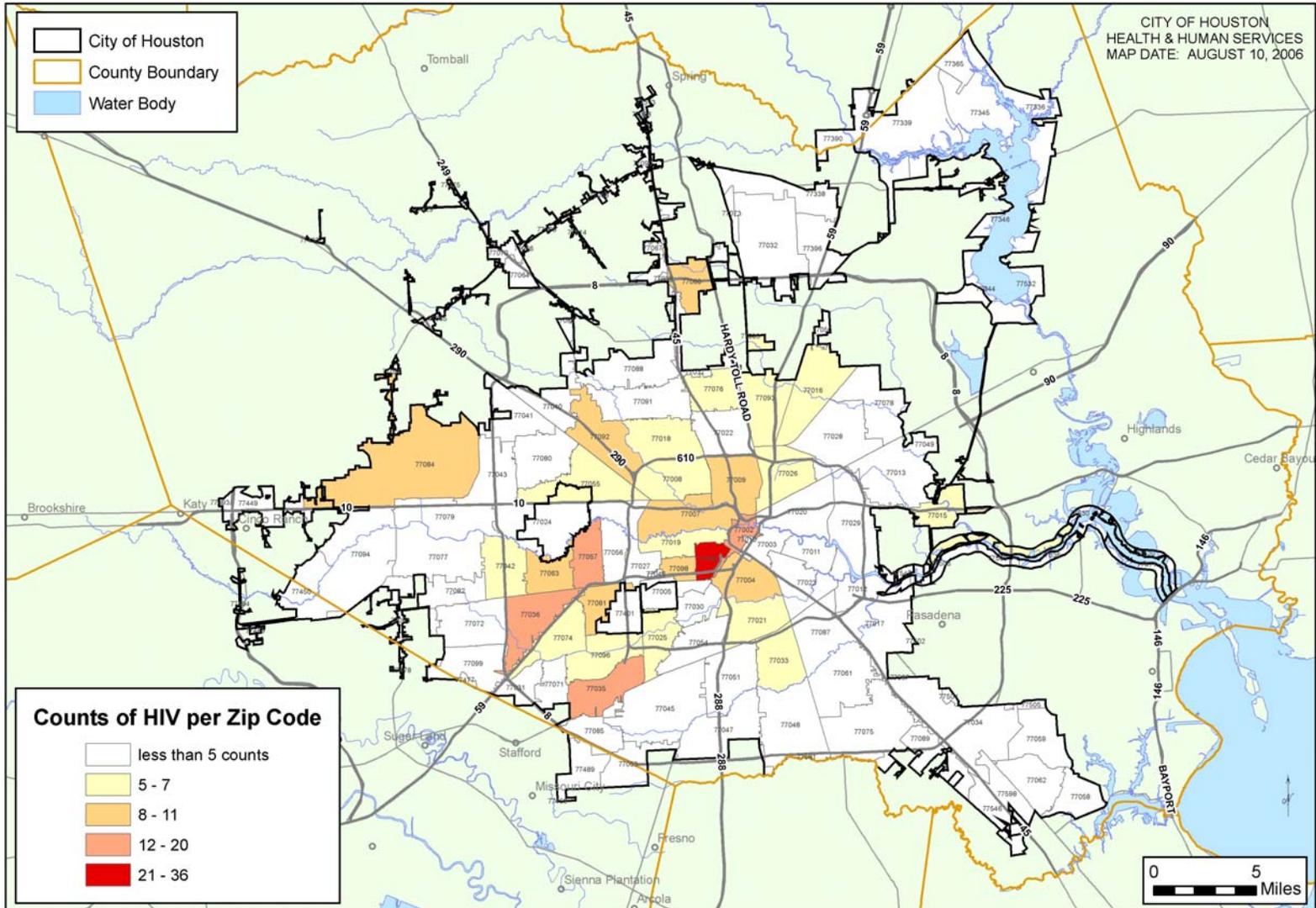
HIV Cases Diagnosed (Regardless of AIDS Status) in 2005

White/Non-Hispanics Only (All BRGs) by Zip Code

Houston, Texas as of August 10, 2006



HIV Cases Diagnosed (Regardless of AIDS Status) in 2005 MSM Only (All Races/Ethnicities) by Zip Code Houston, Texas as of August 10, 2006



How Do We Compare?

As of December 2005

Centers for Disease Control and Prevention



STATE

CUMULATIVE AIDS CASES

• New York	172,377	(Rank 1)
• California	139,019	(Rank 2)
• Florida	100,809	(Rank 3)
• <i>Texas</i>	<i>67,227</i>	<i>(Rank 4)</i>
• New Jersey	48,431	(Rank 5)

How Do We Compare?

As of December 2005

Centers for Disease Control and Prevention



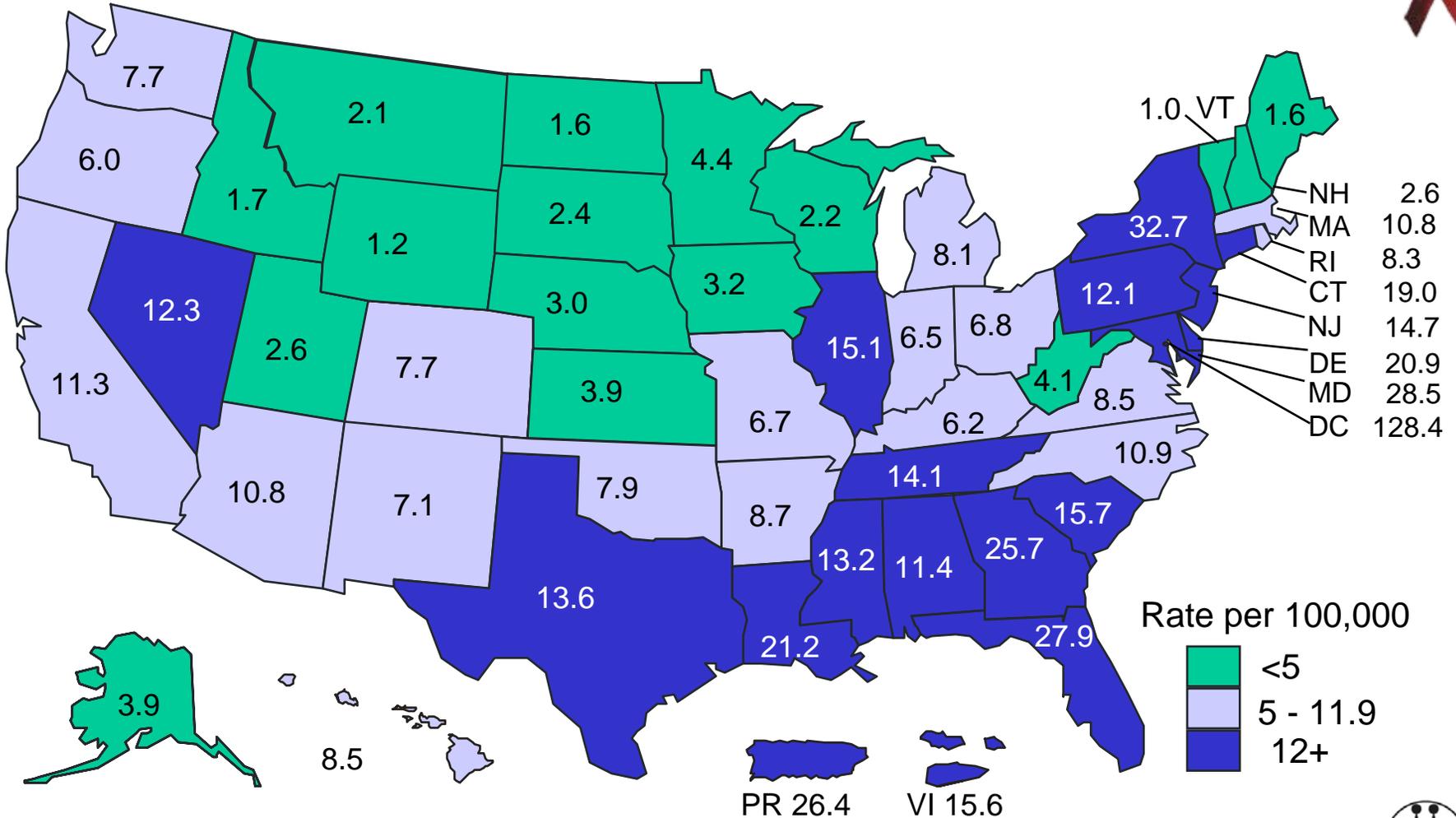
CITY

CUMULATIVE AIDS CASES

• New York City	158,052	(Rank 1)
• Los Angeles	49,913	(Rank 2)
• San Francisco	30,277	(Rank 3)
• Miami	29,092	(Rank 4)
• Chicago	27,544	(Rank 5)
• Washington, D.C.	27,475	(Rank 6)
• <i>Houston</i>	<i>24,915</i>	<i>(Rank 7)</i>
• Atlanta	21,059	(Rank 8)
• Philadelphia	21,015	(Rank 9)

AIDS Rates per 100,000 Population

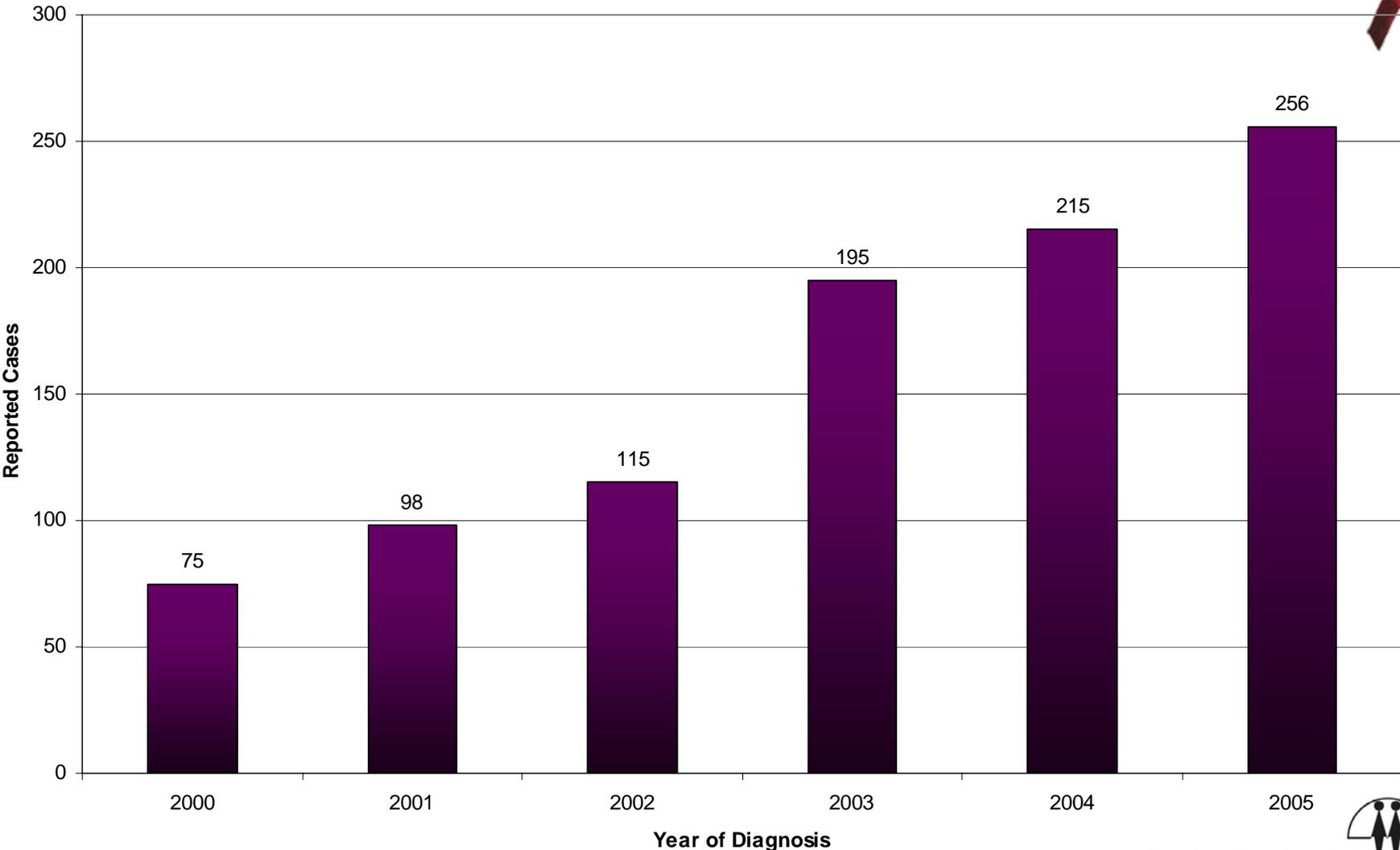
Reported January 2005 through December 2005
Centers for Disease Control and Prevention



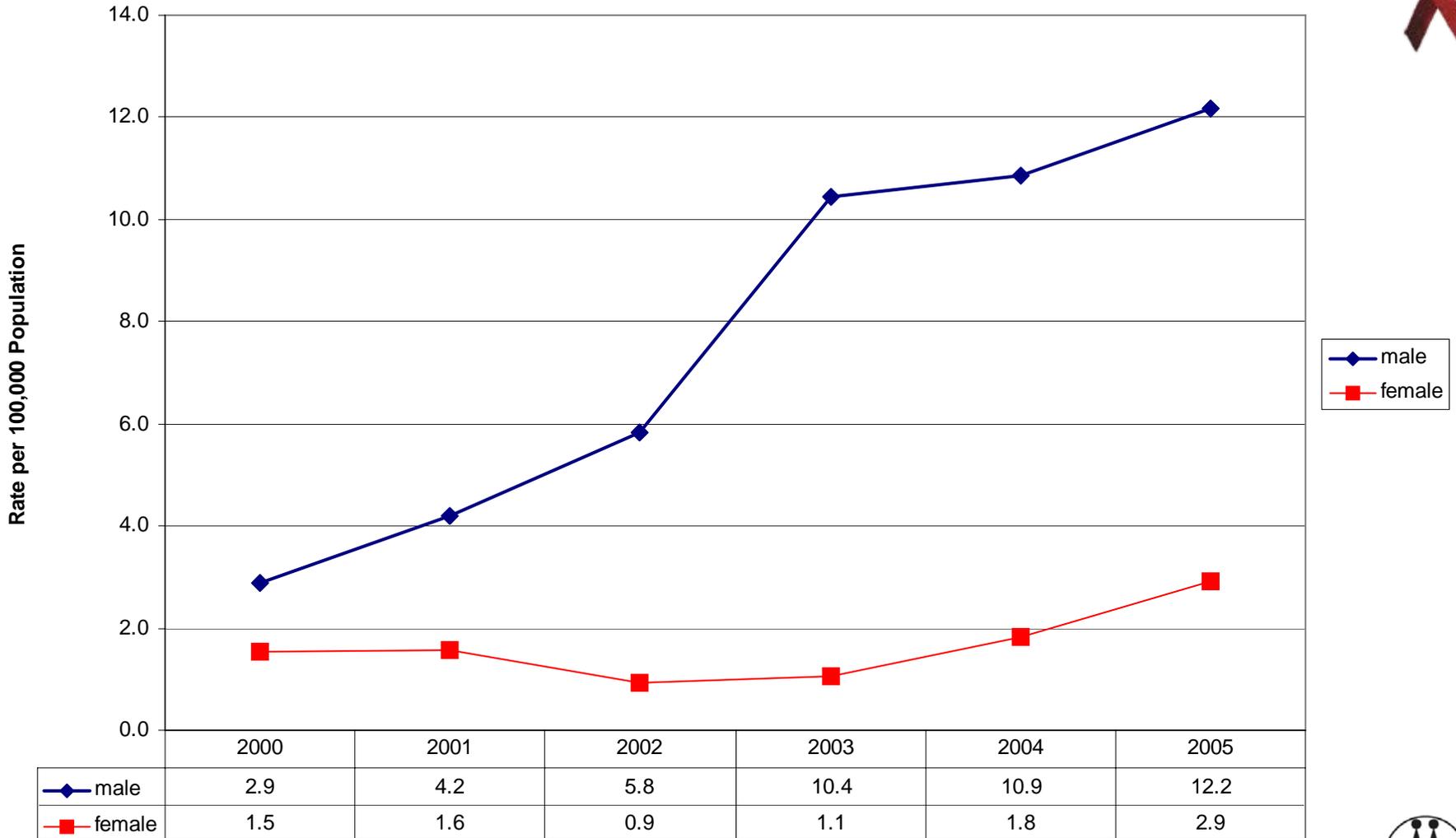
Syphilis Trends



Primary and Secondary (P&S) Syphilis Cases, Houston/Harris Co., 2000-2005

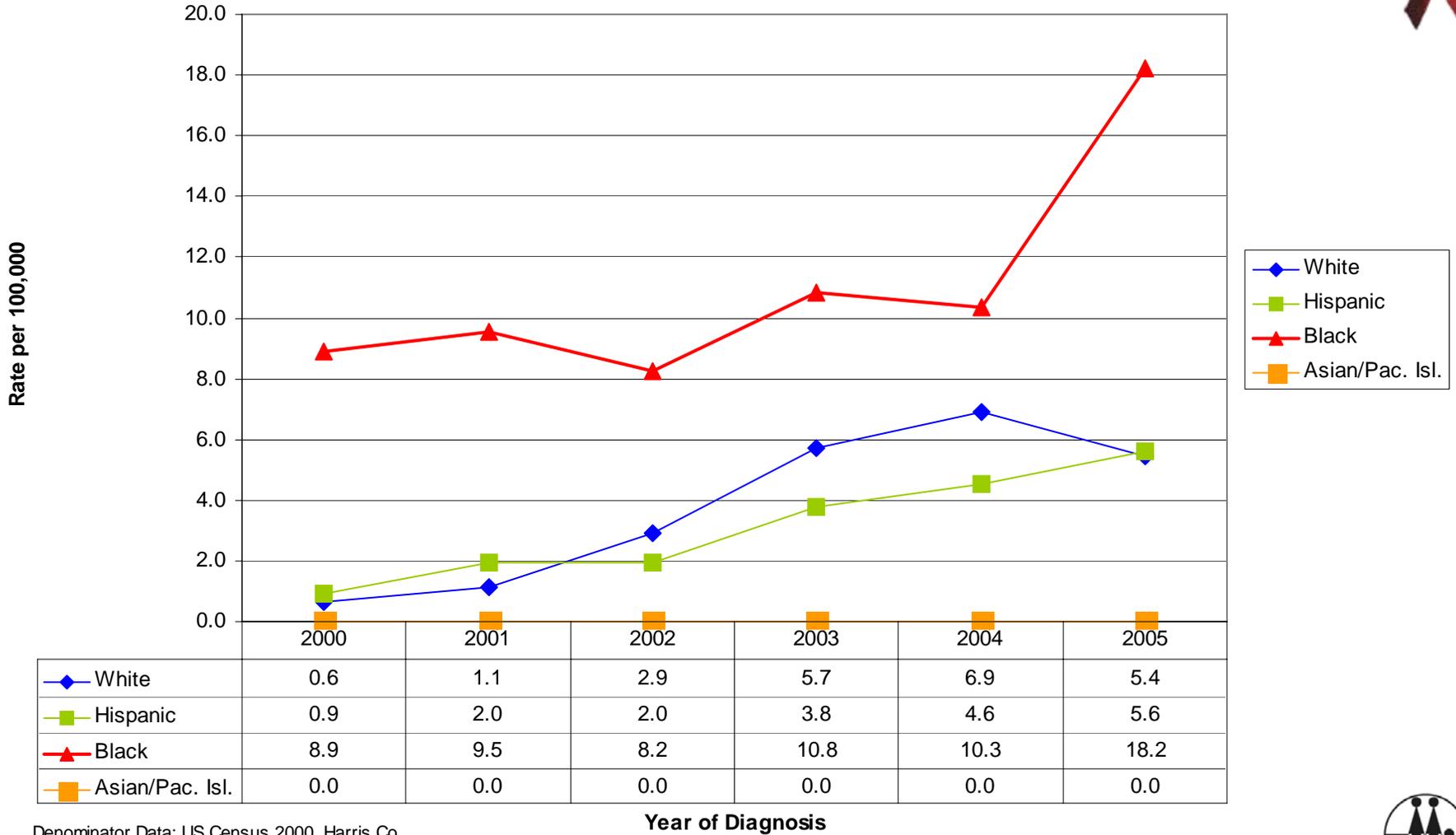


Rates of Primary & Secondary (P&S) Syphilis by Gender, Houston/Harris Co., 2000-2005



Denominator Data: US Census 2000, Harris Co.

Rates of Primary & Secondary (P&S) Syphilis by Race/Ethnicity, Houston/Harris Co., 2000-2005



Denominator Data: US Census 2000, Harris Co.

Primary & Secondary Syphilis/HIV Co-infection

Houston/Harris County

2000-2005

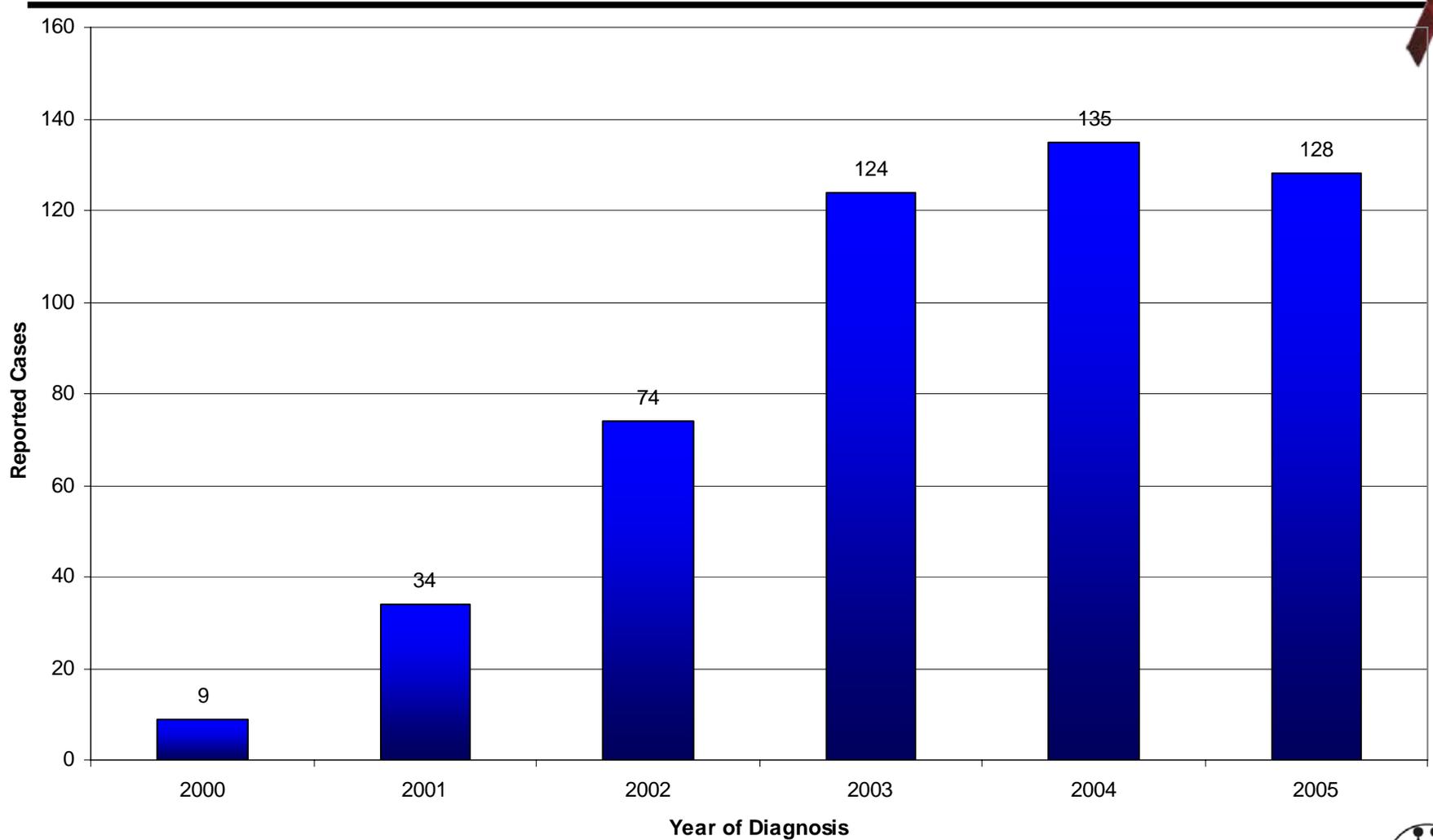


	Primary and Secondary Syphilis Count*	Syphilis/HIV Co-infection	% of P&S Cases Co-infected
2000	71	6	8.5%
2001	95	16	16.8%
2002	115	42	36.5%
2003	195	67	34.4%
2004	206	71	34.5%
2005	261	83	31.8%

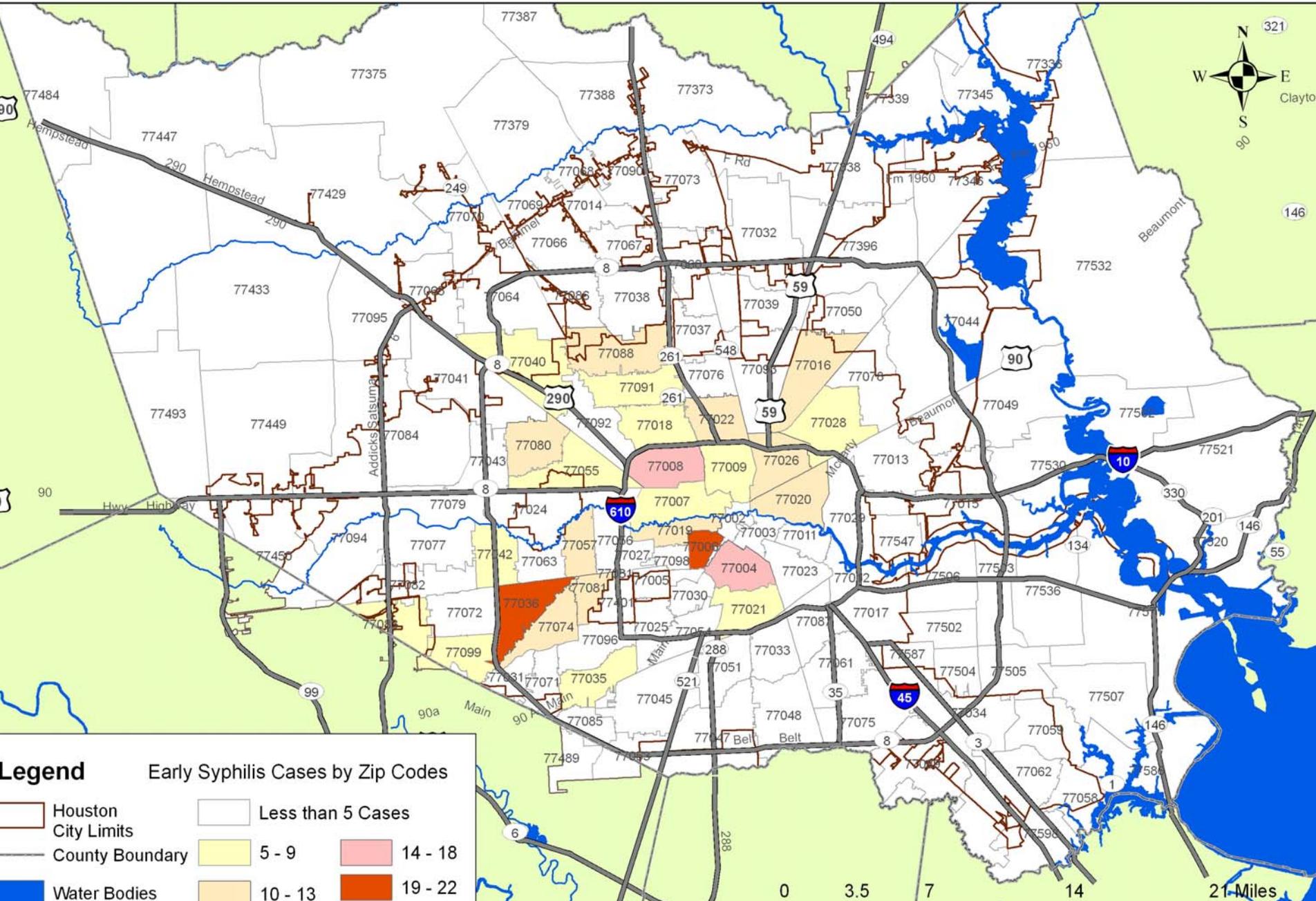
*Excludes Congenital and Neurosyphilis Stages

Cases were exported by interview assign date

Primary & Secondary Syphilis Cases Among Men Who Have Sex With Men (MSM), Houston/Harris Co., 2000-2005



EARLY SYPHILIS CASES FOR HOUSTON /HARRIS COUNTY, 2005



Data Sources



National Data

The Centers for Disease Control and Prevention
HIV/AIDS Surveillance Report

December 2003

<http://www.cdc.gov/hiv/stats/hasrlink.htm>

Texas Data

Texas Department of Health
Bureau of HIV and STD Prevention
HIV/AIDS Surveillance Program

512.490.2560

<http://www.tdh.state.tx.us/hivstd/default.htm>

Houston Data

Houston Department of Health and Human Services
Bureau of Epidemiology
HIV/AIDS Surveillance Program

713.794.9441

<http://www.ci.houston.tx.us/departme/health/STD-mainpage.htm>

Contact Information



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