

**DIVISION OF COMMUNICABLE DISEASE PREVENTION
& PUBLIC HEALTH PREPAREDNESS
KANSAS CITY, MISSOURI HEALTH DEPARTMENT**

2007

**HIV SURVEILLANCE
ANNUAL REPORT**

SUBMITTED BY:

RON GRIFFIN, M.P.H.
DIVISION MANAGER

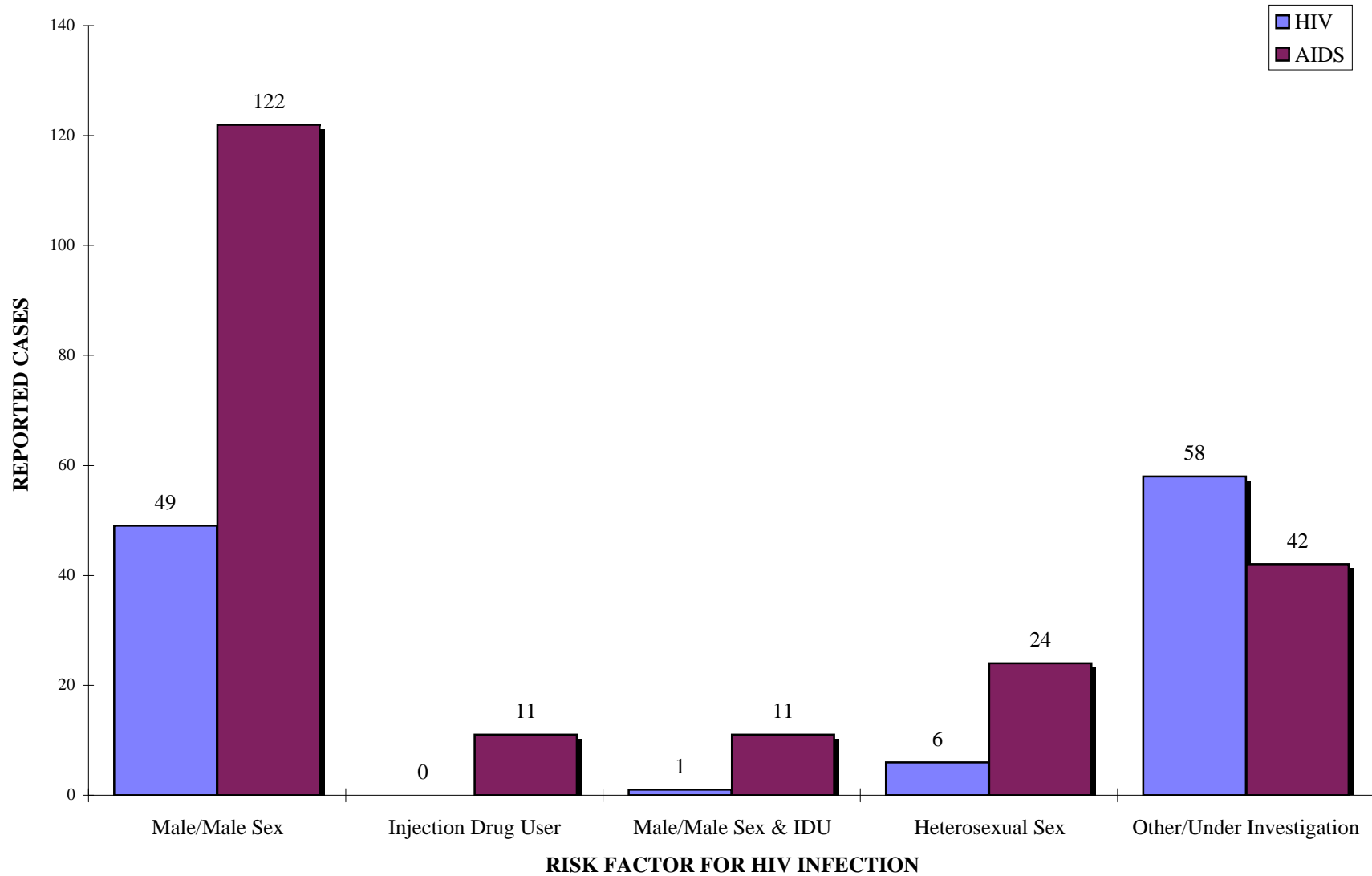
REPORT PREPARED BY:

Tynisha Gantt, M.B.A; Public Health Specialist II
Tiffany Wilkinson, M.P.H.; Assistant Division Manager

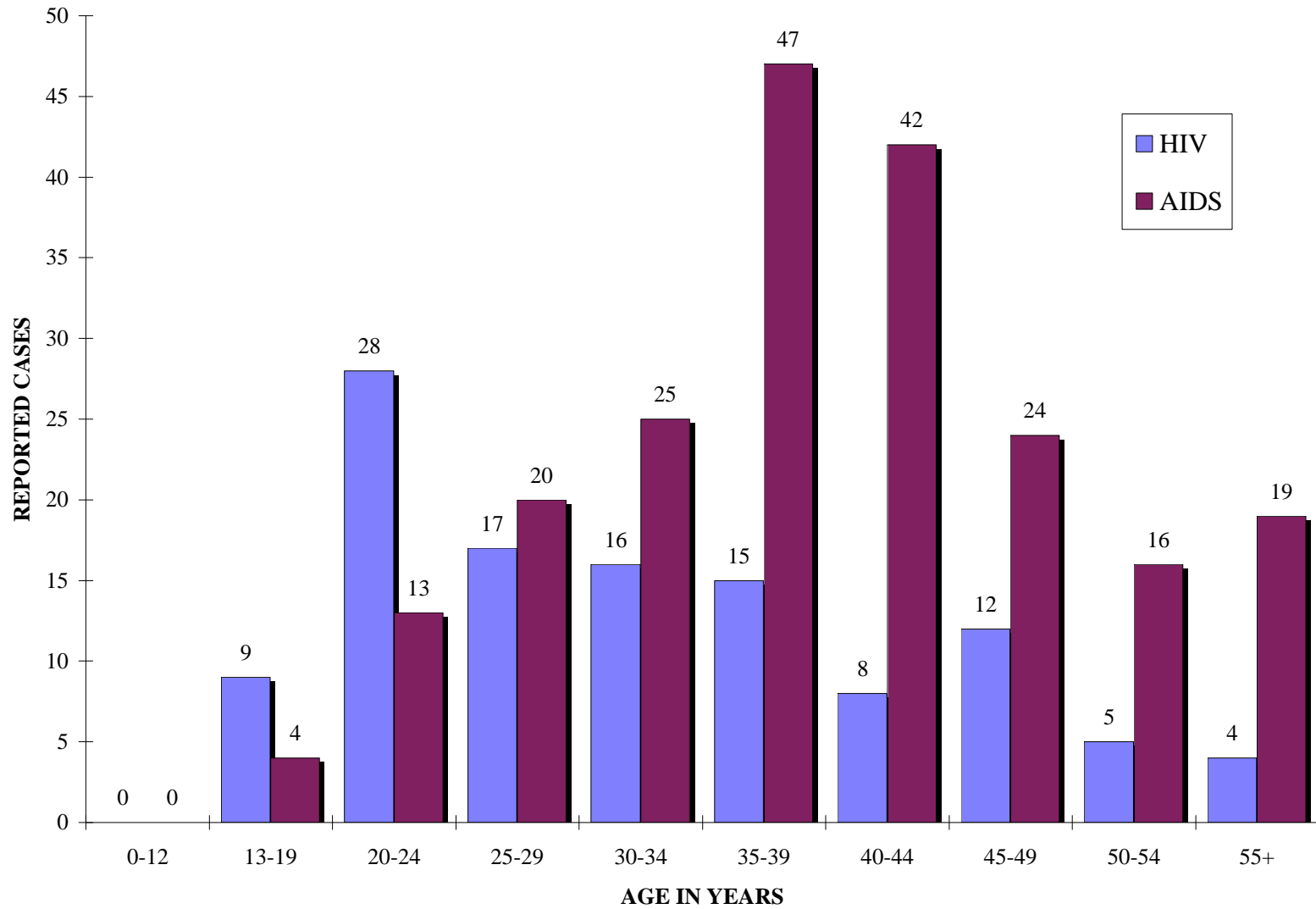
**DIVISION OF COMMUNICABLE DISEASE PREVENTION
& PUBLIC HEALTH PREPAREDNESS
KANSAS CITY, MISSOURI HEALTH DEPARTMENT
2007**

REPORTED HIV/AIDS CASES IN 2007

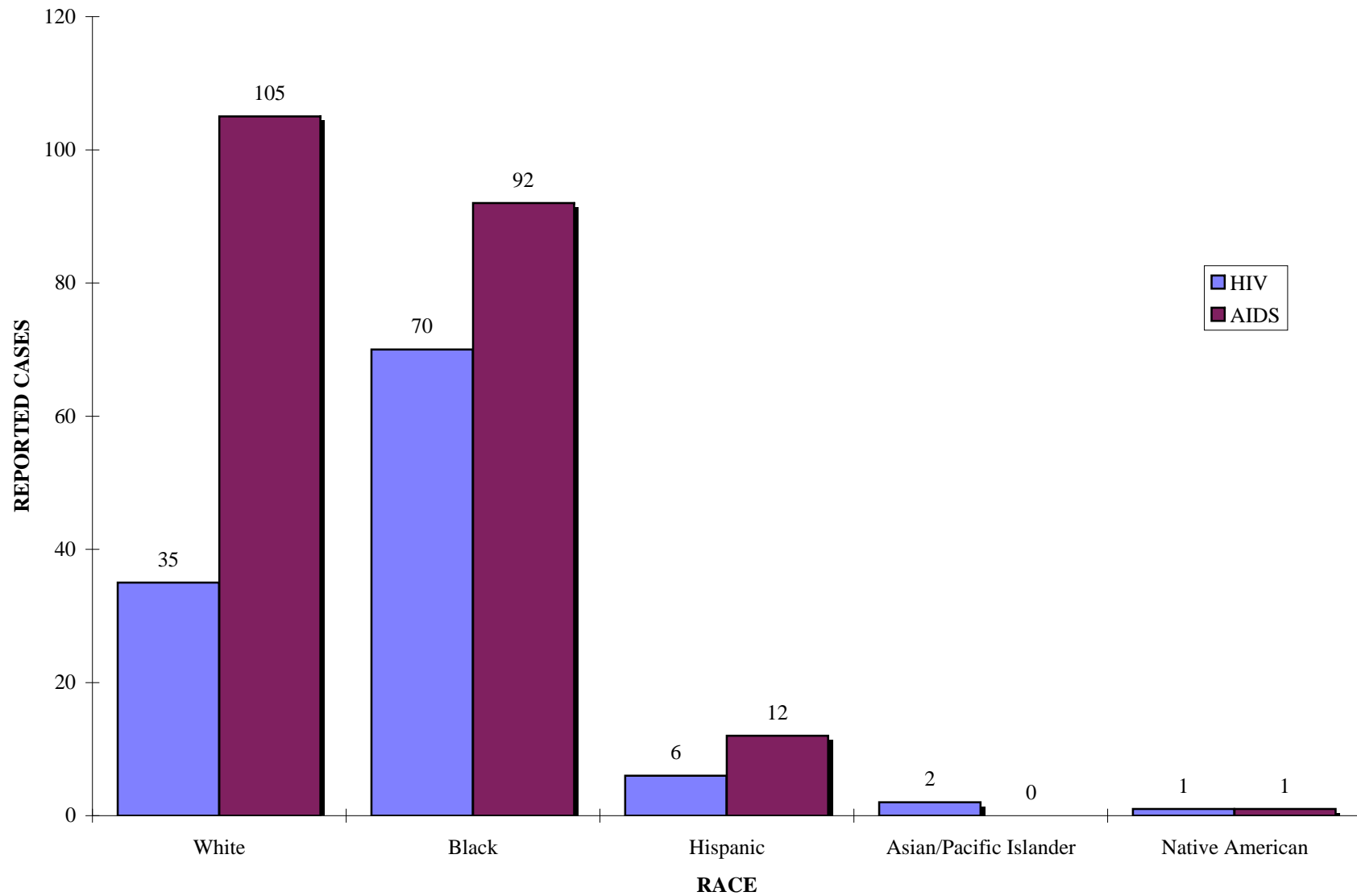
2007 REPORTED HIV/AIDS CASES BY RISK FACTOR KANSAS CITY, MO



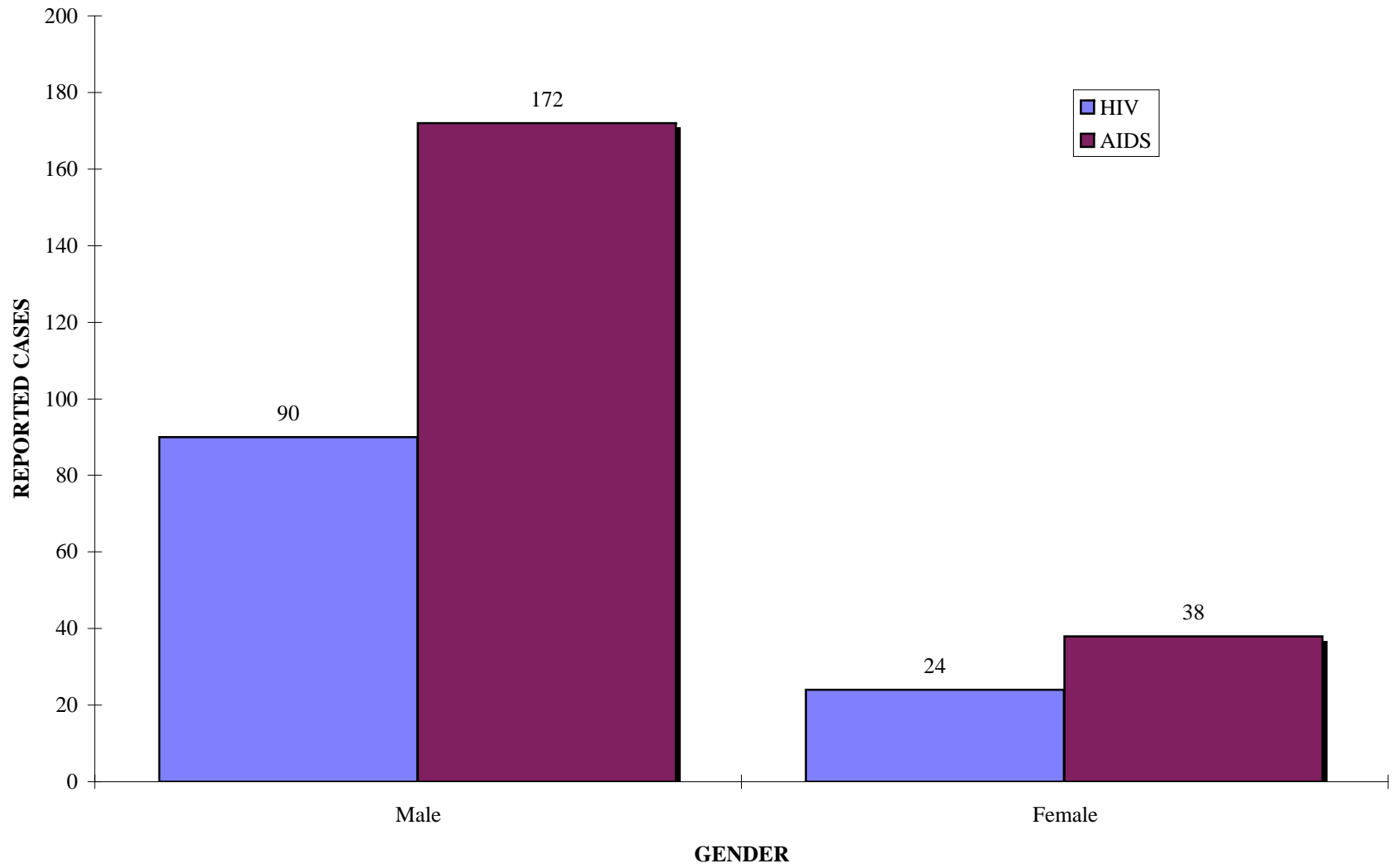
2007 REPORTED HIV/AIDS CASES BY AGE KANSAS CITY, MO



2007 REPORTED HIV/AIDS CASES BY RACE KANSAS CITY, MO



2007 REPORTED HIV/AIDS CASES BY GENDER KANSAS CITY, MO



**DIVISION OF COMMUNICABLE DISEASE PREVENTION
& PUBLIC HEALTH PREPAREDNESS
KANSAS CITY, MISSOURI HEALTH DEPARTMENT
2007**

HIV/AIDS CUMULATIVE DATA

**TRENDS IN HIV INFECTION
BY YEAR OF HIV DIAGNOSIS
1986-2007
KANSAS CITY, MO**

	1986	1989	1992	1995	1998	2001	2004	2005	2006	2007										
GENDER																				
Male	183	96.32%	346	96.92%	193	89.35%	132	88.00%	102	79.69%	103	85.12%	119	84.40%	116	83.45%	126	83.44%	114	82.01%
Female	7	3.68%	11	3.08%	23	10.65%	18	12.00%	26	20.31%	18	14.88%	22	15.60%	23	16.55%	25	16.56%	25	17.99%
Total	190	100.00%	357	100.00%	216	100.00%	150	100.00%	128	100.00%	121	100.00%	141	100.00%	139	100.00%	151	100.00%	139	100.00%
RACE																				
White	144	75.79%	254	71.15%	115	53.24%	79	52.67%	54	42.19%	60	49.59%	71	50.35%	65	46.76%	65	43.05%	44	31.65%
Black	38	20.00%	93	26.05%	88	40.74%	62	41.33%	66	51.56%	49	40.50%	62	43.97%	64	46.04%	69	45.70%	84	60.43%
Hispanic	4	2.11%	7	1.96%	12	5.56%	5	3.33%	8	6.25%	11	9.09%	8	5.67%	9	6.47%	14	9.27%	10	7.19%
Other	4	2.11%	3	0.84%	1	0.46%	4	2.67%	0	0.00%	1	0.83%	0	0.00%	1	0.72%	3	1.99%	1	0.72%
Total	190	100.00%	357	100.00%	216	100.00%	150	100.00%	128	100.00%	121	100.00%	141	100.00%	139	100.00%	151	100.00%	139	100.00%
AGE																				
0-12	0	0.00%	2	0.56%	0	0.00%	1	0.67%	0	0.00%	1	0.83%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
13-19	0	0.00%	4	1.12%	3	1.39%	4	2.67%	1	0.78%	0	0.00%	4	2.84%	5	3.60%	3	1.99%	11	7.91%
20-24	18	9.47%	27	7.56%	22	10.19%	6	4.00%	12	9.38%	11	9.09%	10	7.09%	14	10.07%	23	15.23%	29	20.86%
25-29	45	23.68%	65	18.21%	38	17.59%	26	17.33%	14	10.94%	19	15.70%	32	22.70%	14	10.07%	20	13.25%	19	13.67%
30-34	42	22.11%	103	28.85%	49	22.69%	38	25.33%	28	21.88%	27	22.31%	18	12.77%	18	12.95%	20	13.25%	19	13.67%
35-39	38	20.00%	67	18.77%	43	19.91%	38	25.33%	39	30.47%	20	16.53%	26	18.44%	33	23.74%	33	21.85%	20	14.39%
40-44	26	13.68%	46	12.89%	30	13.89%	9	6.00%	16	12.50%	19	15.70%	30	21.28%	24	17.27%	26	17.22%	14	10.07%
45-49	14	7.37%	23	6.44%	22	10.19%	13	8.67%	12	9.38%	12	9.92%	11	7.80%	10	7.19%	12	7.95%	14	10.07%
50-54	5	2.63%	10	2.80%	2	0.93%	10	6.67%	3	2.34%	5	4.13%	3	2.13%	13	9.35%	10	6.62%	7	5.04%
55-59	2	1.05%	9	2.52%	4	1.85%	1	0.67%	1	0.78%	5	4.13%	4	2.84%	4	2.88%	1	0.66%	4	2.88%
60+	0	0.00%	1	0.28%	3	1.39%	4	2.67%	2	1.56%	2	1.65%	3	2.13%	4	2.88%	3	1.99%	2	1.44%
Total	190	100.00%	357	100.00%	216	100.00%	150	100.00%	128	100.00%	121	100.00%	141	100.00%	139	100.00%	151	100.00%	139	100.00%
RISK																				
MSM	149	78.42%	288	80.67%	154	71.30%	98	65.33%	71	55.47%	72	59.50%	83	58.87%	80	57.55%	75	49.67%	61	43.88%
Oth/Unk	1	0.53%	3	0.84%	3	1.39%	12	8.00%	11	8.59%	16	13.22%	22	15.60%	23	16.55%	50	33.11%	74	53.24%
IDU	5	2.63%	12	3.36%	18	8.33%	10	6.67%	8	6.25%	7	5.79%	4	2.84%	10	7.19%	10	6.62%	0	0.00%
MSM/IDU	28	14.74%	41	11.48%	27	12.50%	13	8.67%	9	7.03%	8	6.61%	4	2.84%	5	3.60%	2	1.32%	1	0.72%
Hemo/Coag	1	0.53%	2	0.56%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Transfusion	1	0.53%	1	0.28%	0	0.00%	1	0.67%	0	0.00%	0	0.00%	1	0.71%	0	0.00%	0	0.00%	0	0.00%
Heterosexual	5	2.63%	9	2.52%	14	6.48%	15	10.00%	29	22.66%	17	14.05%	27	19.15%	21	15.11%	14	9.27%	3	2.16%
Perinatal	0	0.00%	1	0.28%	0	0.00%	1	0.67%	0	0.00%	1	0.83%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Total	190	100.00%	357	100.00%	216	100.00%	150	100.00%	128	100.00%	121	100.00%	141	100.00%	139	100.00%	151	100.00%	139	100.00%

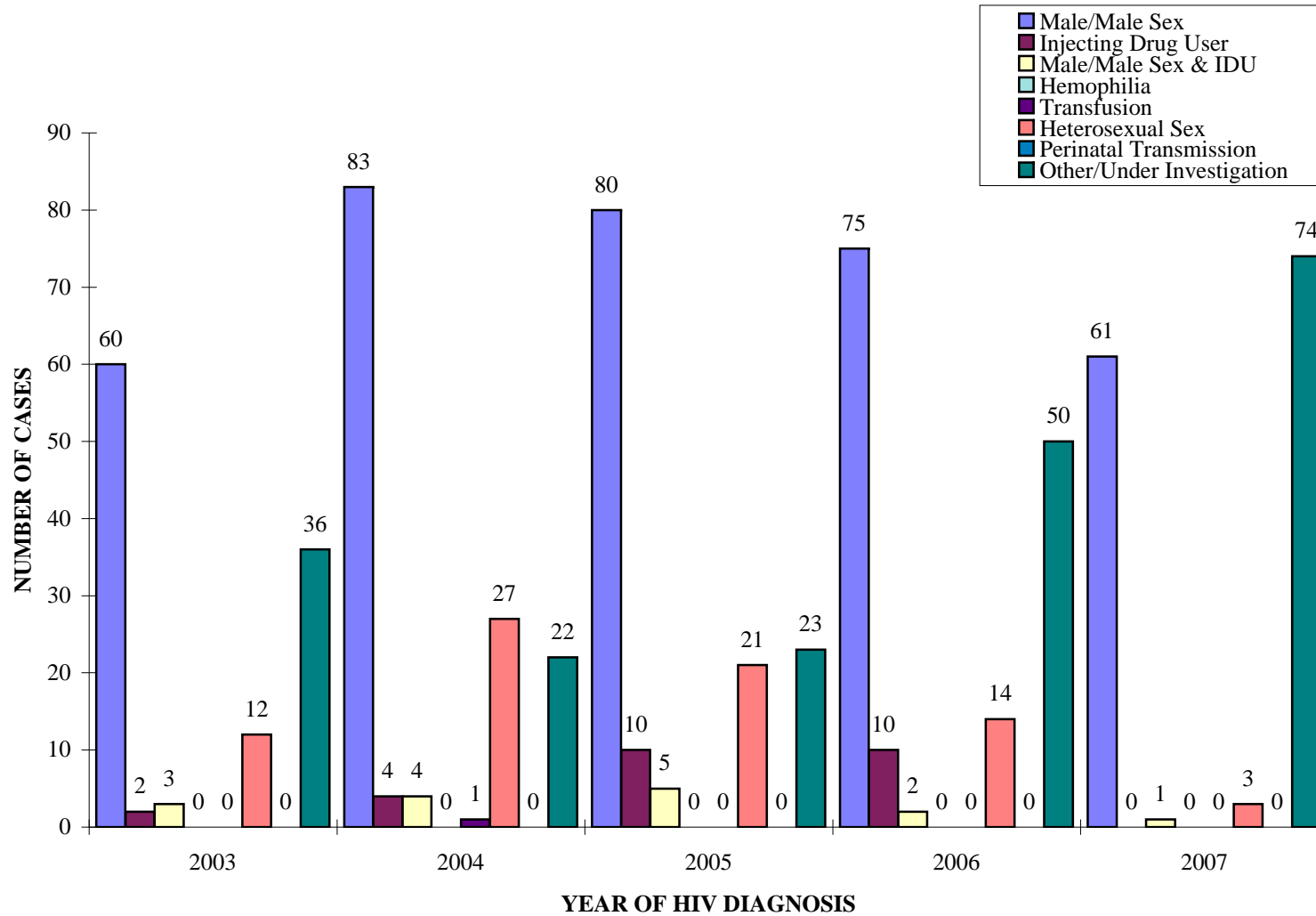
**TRENDS IN HIV INFECTION
BY YEAR OF HIV DIAGNOSIS
1986-2007
KANSAS CITY, MO**

	1986	1989	1992	1995	1998	2001	2003	2005	2006	2007										
RACE FOR MSM																				
White	118	79.19%	217	75.35%	88	57.14%	56	57.14%	37	52.11%	38	52.78%	50	60.24%	45	56.25%	41	54.67%	26	42.62%
Black	25	16.78%	62	21.53%	57	37.01%	37	37.76%	31	43.66%	29	40.28%	27	32.53%	30	37.50%	26	34.67%	30	49.18%
Hispanic	4	2.68%	6	2.08%	8	5.19%	3	3.06%	3	4.23%	4	5.56%	6	7.23%	5	6.25%	8	10.67%	5	8.20%
Other	2	1.34%	3	1.04%	1	0.65%	2	2.04%	0	0.00%	1	1.39%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Total	149	100.00%	288	100.00%	154	100.00%	98	100.00%	71	100.00%	72	100.00%	83	100.00%	80	100.00%	75	100.00%	61	100.00%
RACE FOR IDU																				
White	2	40.00%	4	33.33%	8	44.44%	7	70.00%	3	37.50%	2	28.57%	1	25.00%	4	40.00%	6	60.00%	0	#DIV/0!
Black	3	60.00%	7	58.33%	8	44.44%	3	30.00%	5	62.50%	3	42.86%	1	25.00%	4	40.00%	3	30.00%	0	#DIV/0!
Hispanic	0	0.00%	1	8.33%	2	11.11%	0	0.00%	0	0.00%	2	28.57%	2	50.00%	2	20.00%	1	10.00%	0	#DIV/0!
Other	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	#DIV/0!
Total	5	100.00%	12	100.00%	18	100.00%	10	100.00%	8	100.00%	7	100.00%	4	100.00%	10	100.00%	10	100.00%	0	#DIV/0!
RACE FOR MSM/IDU																				
White	19	67.86%	27	65.85%	17	62.96%	7	53.85%	5	55.56%	5	62.50%	2	50.00%	4	80.00%	0	0.00%	1	100.00%
Black	8	28.57%	14	34.15%	10	37.04%	4	30.77%	4	44.44%	1	12.50%	2	50.00%	1	20.00%	0	0.00%	0	0.00%
Hispanic	0	0.00%	0	0.00%	0	0.00%	1	7.69%	0	0.00%	2	25.00%	0	0.00%	0	0.00%	2	100.00%	0	0.00%
Other	1	3.57%	0	0.00%	0	0.00%	1	7.69%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Total	28	100.00%	41	100.00%	27	100.00%	13	100.00%	9	100.00%	8	100.00%	4	100.00%	5	100.00%	2	100.00%	1	100.00%
RACE FOR "NO IDENTIFIABLE RISK"																				
White	0	0.00%	1	33.33%	0	0.00%	3	25.00%	4	36.36%	9	56.25%	15	68.18%	11	47.83%	17	34.00%	17	22.97%
Black	1	0.00%	2	66.67%	2	66.67%	8	66.67%	5	45.45%	5	31.25%	7	31.82%	11	47.83%	28	56.00%	51	68.92%
Hispanic	0	0.00%	0	0.00%	1	33.33%	1	8.33%	2	18.18%	2	12.50%	0	0.00%	1	4.35%	3	6.00%	5	6.76%
Other	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	2	4.00%	1	1.35%
Total	1	0.00%	3	100.00%	3	100.00%	12	100.00%	11	100.00%	16	100.00%	22	100.00%	23	100.00%	50	100.00%	74	100.00%
RACE FOR HETEROSEXUAL TRANSMISSION																				
White	3	60.00%	4	44.44%	2	14.29%	4	26.67%	5	17.24%	6	35.29%	3	11.11%	1	4.76%	1	7.14%	0	0.00%
Black	1	20.00%	5	55.56%	11	78.57%	10	66.67%	21	72.41%	10	58.82%	24	88.89%	18	85.71%	12	85.71%	3	100.00%
Hispanic	0	0.00%	0	0.00%	1	7.14%	0	0.00%	3	10.34%	1	5.88%	0	0.00%	1	4.76%	0	0.00%	0	0.00%
Other	1	20.00%	0	0.00%	0	0.00%	1	6.67%	0	0.00%	0	0.00%	0	0.00%	1	4.76%	1	7.14%	0	0.00%
Total	5	100.00%	9	100.00%	14	100.00%	15	100.00%	29	100.00%	17	100.00%	27	100.00%	21	100.00%	14	100.00%	3	100.00%

RISK FACTORS BY YEAR OF DIAGNOSIS

2003 - 2007

KANSAS CITY, MO



HIV AND AIDS ANNUAL CASE RATES KANSAS CITY EMA, 1980-2007

	Seven County EMA						Kansas City, Missouri					
	White		Non-White		Total		White		Non-White		Total	
	# Cases	Rate	# Cases	Rate	# Cases	Rate	# Cases	Rate	# Cases	Rate	# Cases	Rate
1980	1	0.13	0	0.00	1	0.11	0	0.00	0	0.00	0	0.00
1981	1	0.13	0	0.00	1	0.11	0	0.00	0	0.00	0	0.00
1982	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
1983	13	1.69	2	1.27	15	1.60	10	3.22	2	1.45	12	2.68
1984	41	5.32	5	3.17	46	4.92	30	9.66	5	3.64	35	7.81
1985	103	13.36	30	19.00	133	14.22	84	27.04	28	20.36	112	24.99
1986	175	22.71	49	31.03	224	23.96	144	46.36	46	33.44	190	42.40
1987	277	35.94	65	41.16	342	36.58	223	71.79	63	45.80	286	63.82
1988	316	41.00	118	74.72	434	46.42	243	78.23	113	82.15	356	79.44
1989	314	40.74	111	70.29	425	45.45	254	81.77	103	74.88	357	79.66
*Population	770,735		157,924		935,042		310,610		137,549		448,159	
1990	228	28.53	132	39.33	360	36.22	173	61.18	119	78.08	292	67.10
1991	211	26.41	124	36.94	335	33.71	168	59.41	120	78.73	288	66.18
1992	153	19.15	106	31.58	259	26.06	115	40.67	101	66.27	216	49.64
1993	148	18.52	97	28.90	245	24.65	104	36.78	94	61.67	198	45.50
1994	121	15.14	84	25.03	205	20.63	83	29.35	83	54.46	166	38.15
1995	107	13.39	75	22.34	182	18.31	79	27.94	71	46.58	150	34.47
1996	106	13.27	81	24.13	187	18.81	73	25.82	76	49.86	149	34.24
1997	92	11.51	71	21.15	163	16.40	66	23.34	66	43.30	132	30.33
1998	84	10.51	81	24.13	165	16.60	54	19.10	74	48.55	128	29.42
1999	76	9.51	64	19.07	140	14.09	59	20.87	63	41.33	122	28.04
**Population	799,047		335,660		993,889		282,760		152,416		435,146	
2000	59	6.96	76	33.30	135	12.62	39	14.55	73	42.07	112	25.37
2001	77	9.09	70	30.67	147	13.74	60	22.39	61	35.15	121	27.40
2002	81	9.56	74	32.43	155	14.49	59	22.01	61	35.15	120	27.18
2003	56	6.61	73	31.99	129	12.06	46	17.16	67	38.61	113	25.59
2004	104	12.27	81	35.49	185	17.29	71	26.49	70	40.34	141	31.93
2005	95	11.21	97	42.51	192	17.94	65	24.25	74	42.64	139	31.48
2006	94	11.09	94	41.19	188	17.57	65	24.25	86	49.56	151	34.20
2007	67	7.91	106	46.45	173	16.17	44	16.42	95	54.75	139	31.48
***Population	847,512		228,206		1,070,052		268,018		173,527		441,545	

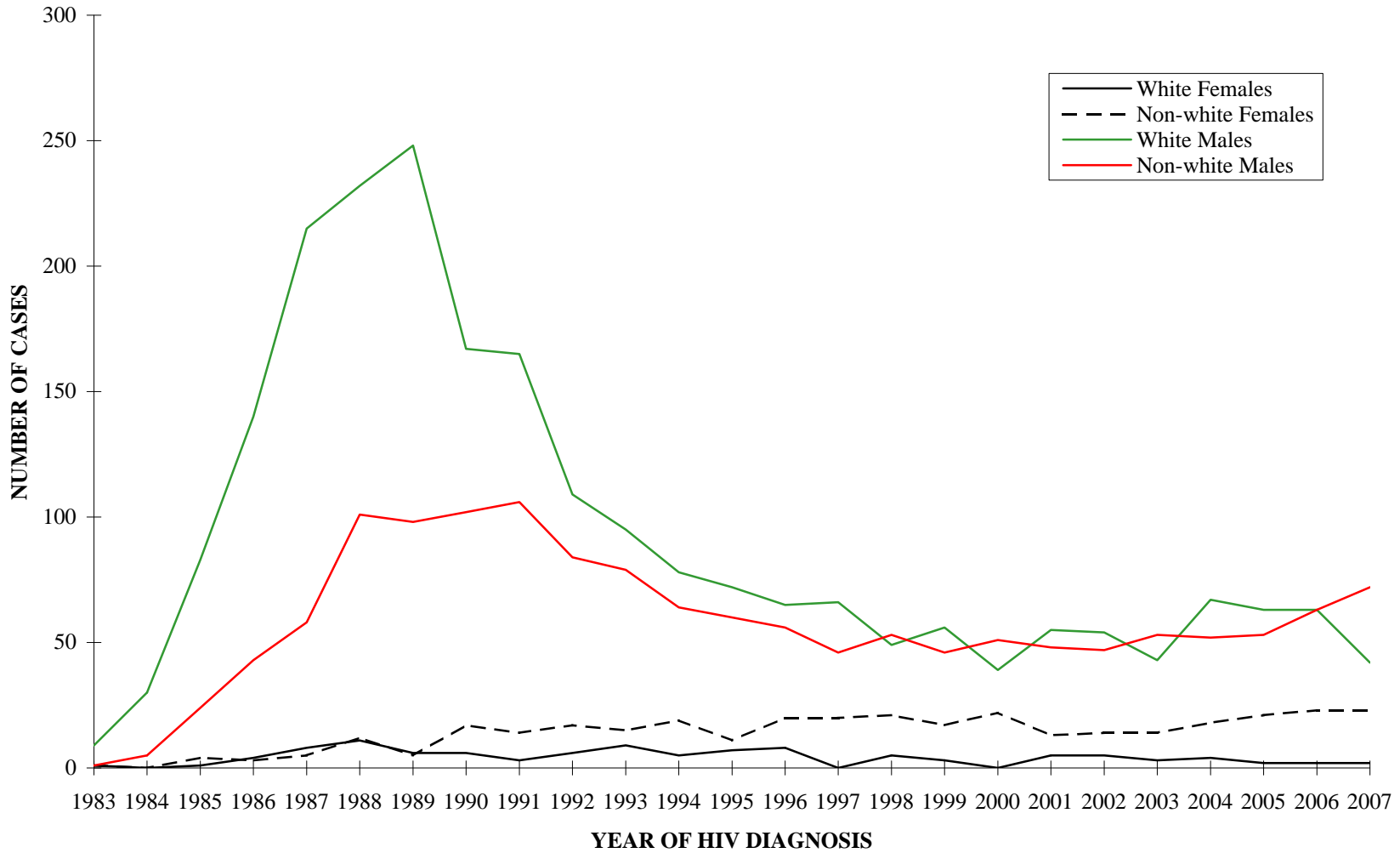
*Population as of 1980 Census

**Population as of 1990 Census

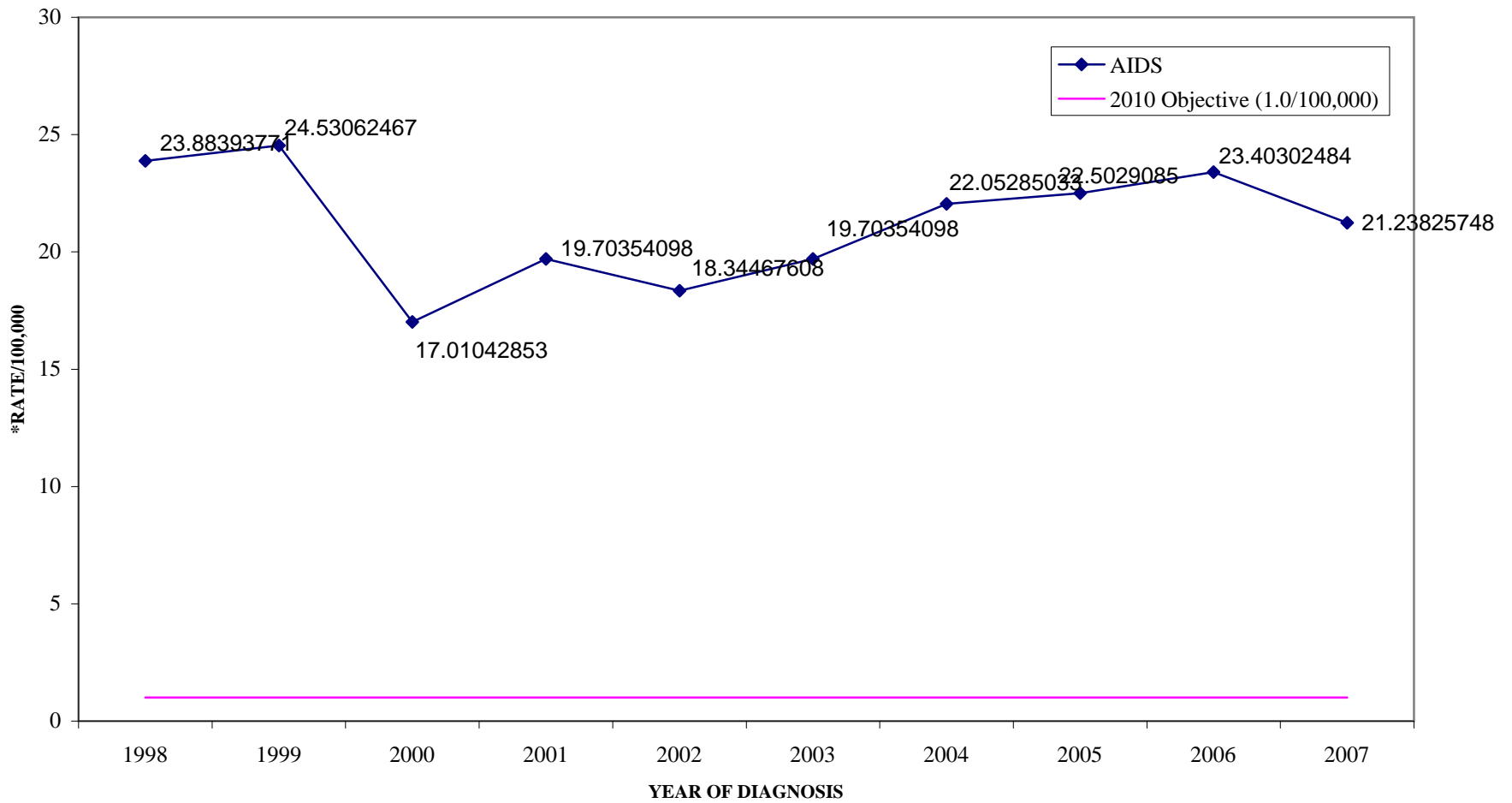
***Population as of 2000 Census

Case Rates per 100,000 Population

GENDER AND RACE BY YEAR OF HIV DIAGNOSIS
1983-2007
KANSAS CITY, MO

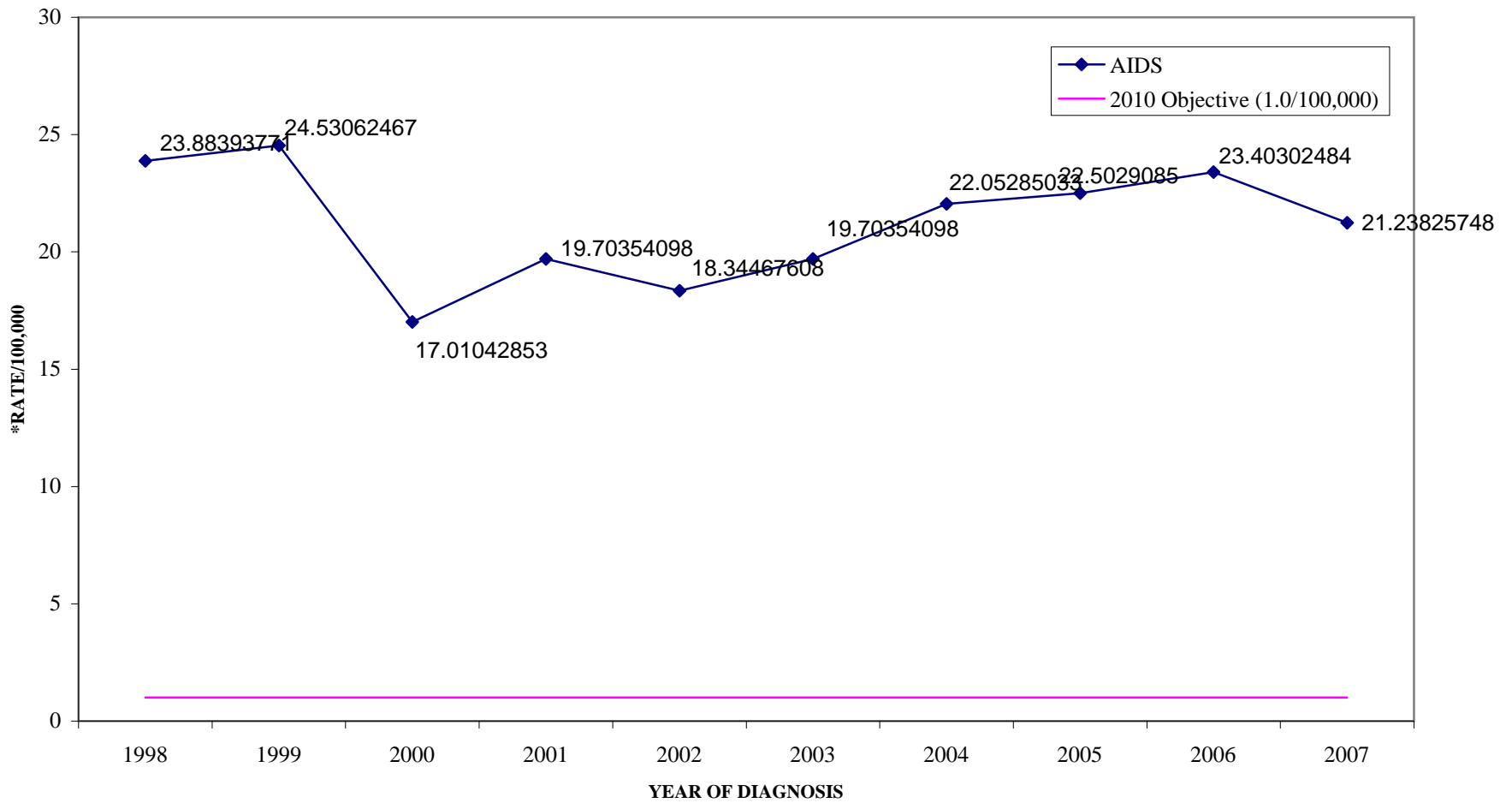


AIDS CASE RATES KANSAS CITY RESIDENTS 1998-2007



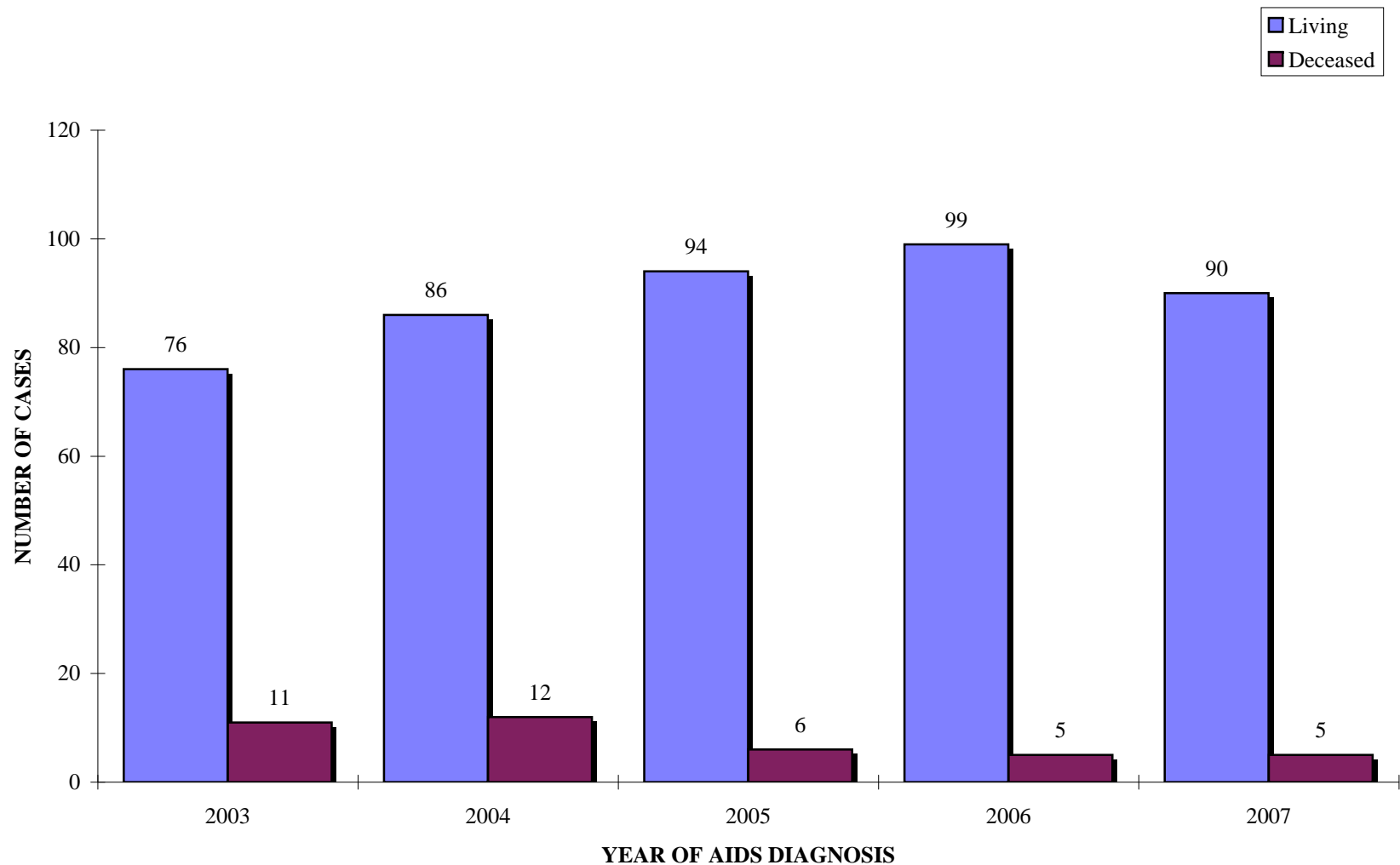
*BASED ON KANSAS CITY CENSUS POPULATION DATA

AIDS CASE RATES KANSAS CITY RESIDENTS 1998-2007

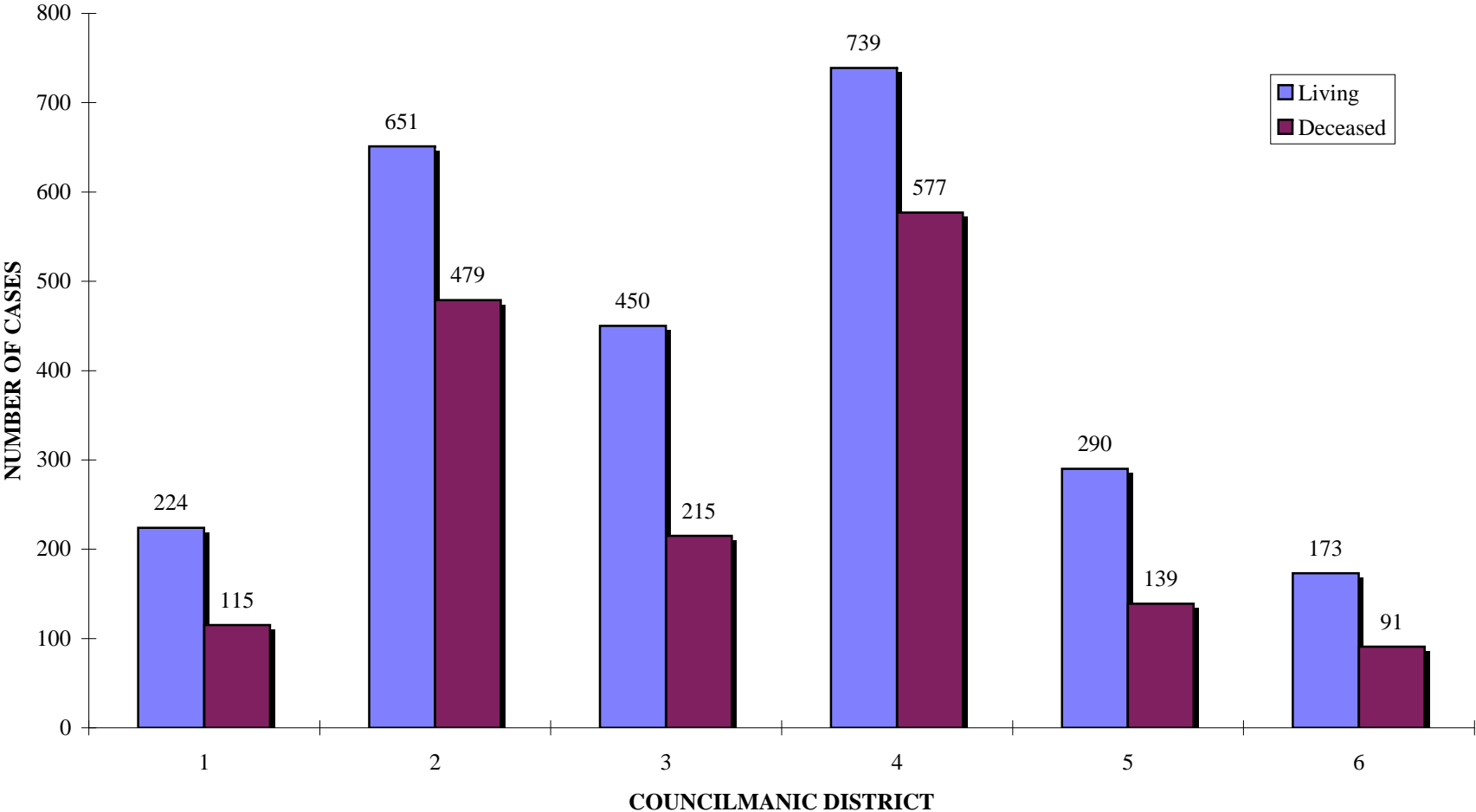


*BASED ON KANSAS CITY CENSUS POPULATION DATA

AIDS CASES LIVING AND DECEASED BY YEAR OF DIAGNOSIS 2003-2007 KANSAS CITY, MO

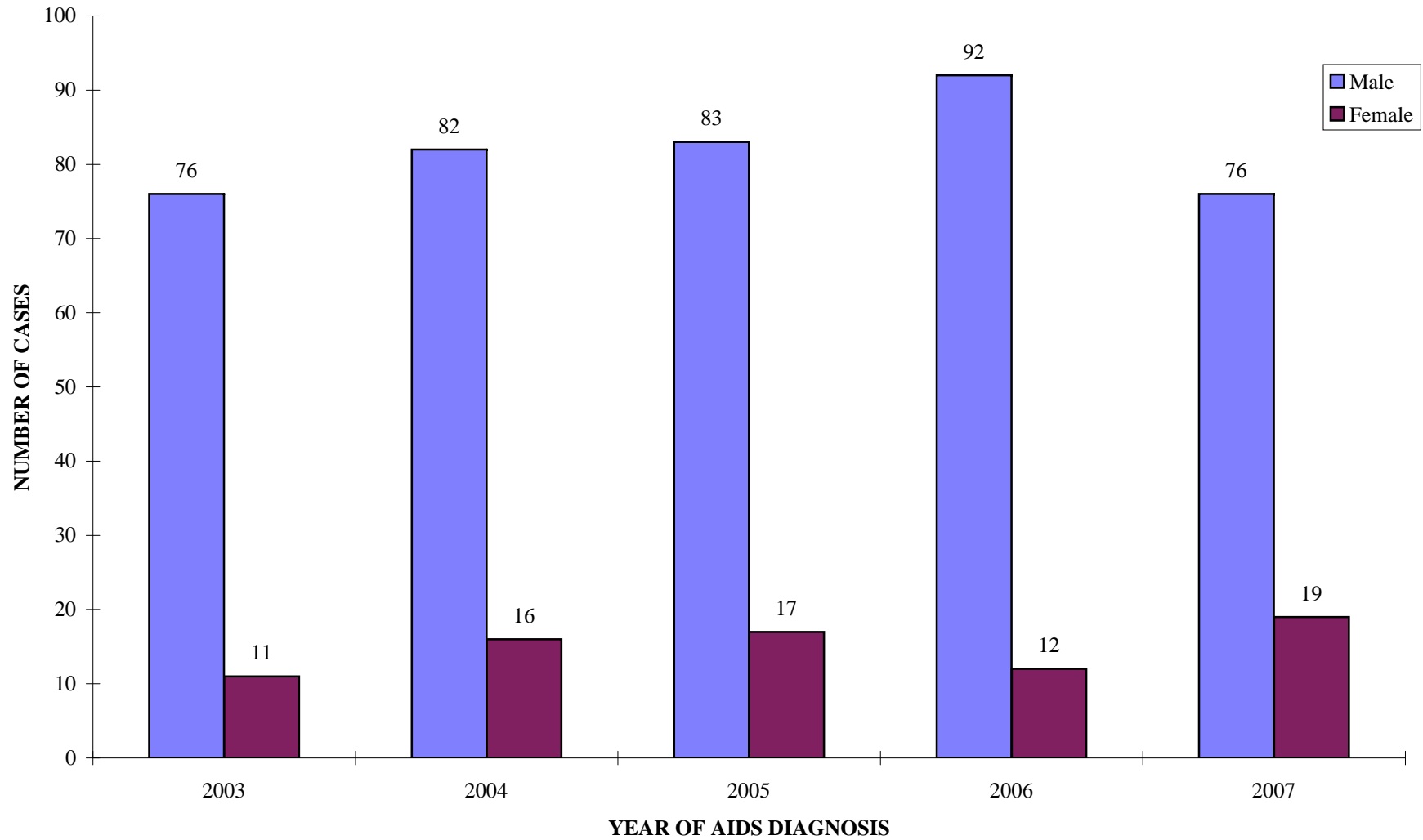


**LIVING AND DECEASED HIV/AIDS CASES BY COUNCILMANIC DISTRICT
1983-2007
KANSAS CITY, MO**

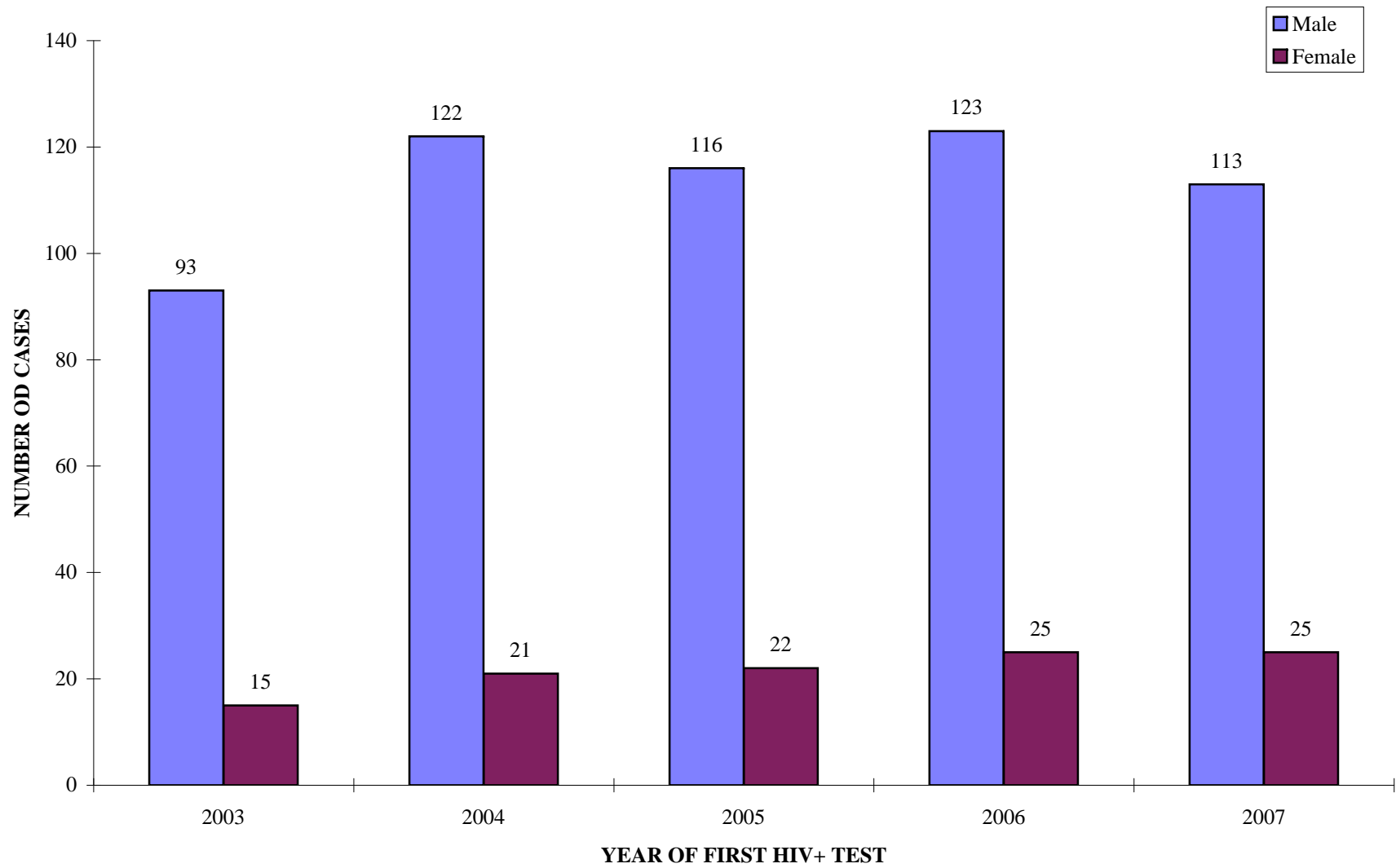


Information was unavailable for 82 persons

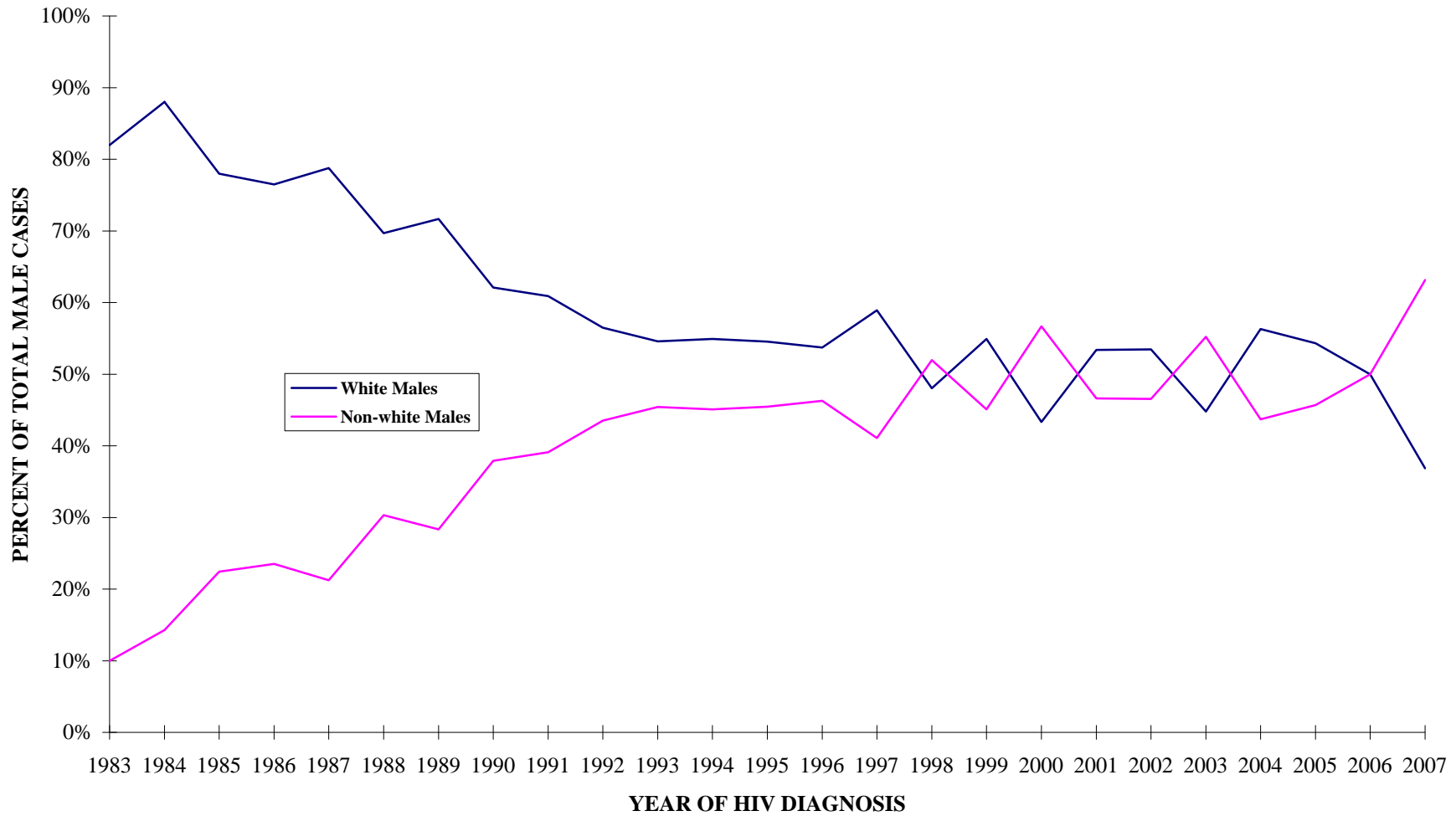
NEWLY DIAGNOSED AIDS CASES BY YEAR AND GENDER
2003-2007
KANSAS CITY, MO



NUMBER OF ANNUAL HIV CASES BY GENDER AND YEAR OF FIRST HIV+ TEST 2003-2007 KANSAS CITY, MISSOURI



**HIV DIAGNOSIS FOR MALES, PERCENT OF TOTAL CASES
BY RACE AND YEAR OF DIAGNOSIS
1983-2007
KANSAS CITY, MO**



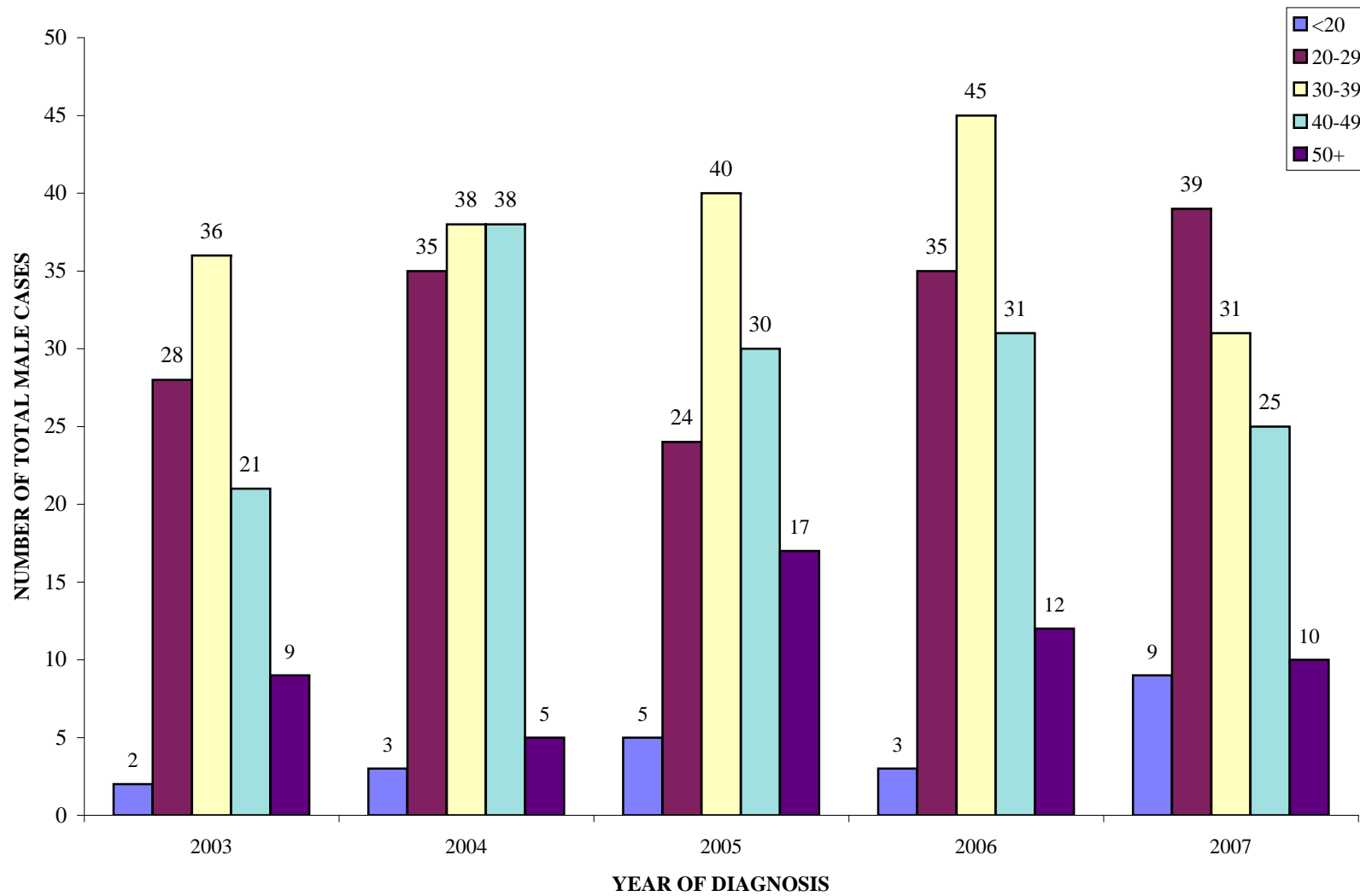
FEMALES BY YEAR OF HIV DIAGNOSIS AND BY RACE
1983-2007
KANSAS CITY, MO



NUMBER OF CASES FOR MALES BY AGE GROUP AND YEAR OF HIV DIAGNOSIS

2003-2007

KANSAS CITY, MO



**NUMBER OF CASES FOR FEMALES BY AGE GROUP AND YEAR OF HIV DIAGNOSIS
2003-2007
KANSAS CITY, MO**

