

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

2005

**HIV SURVEILLANCE
ANNUAL REPORT**

SUBMITTED BY:

RON GRIFFIN, M.P.H.
DIVISION MANAGER

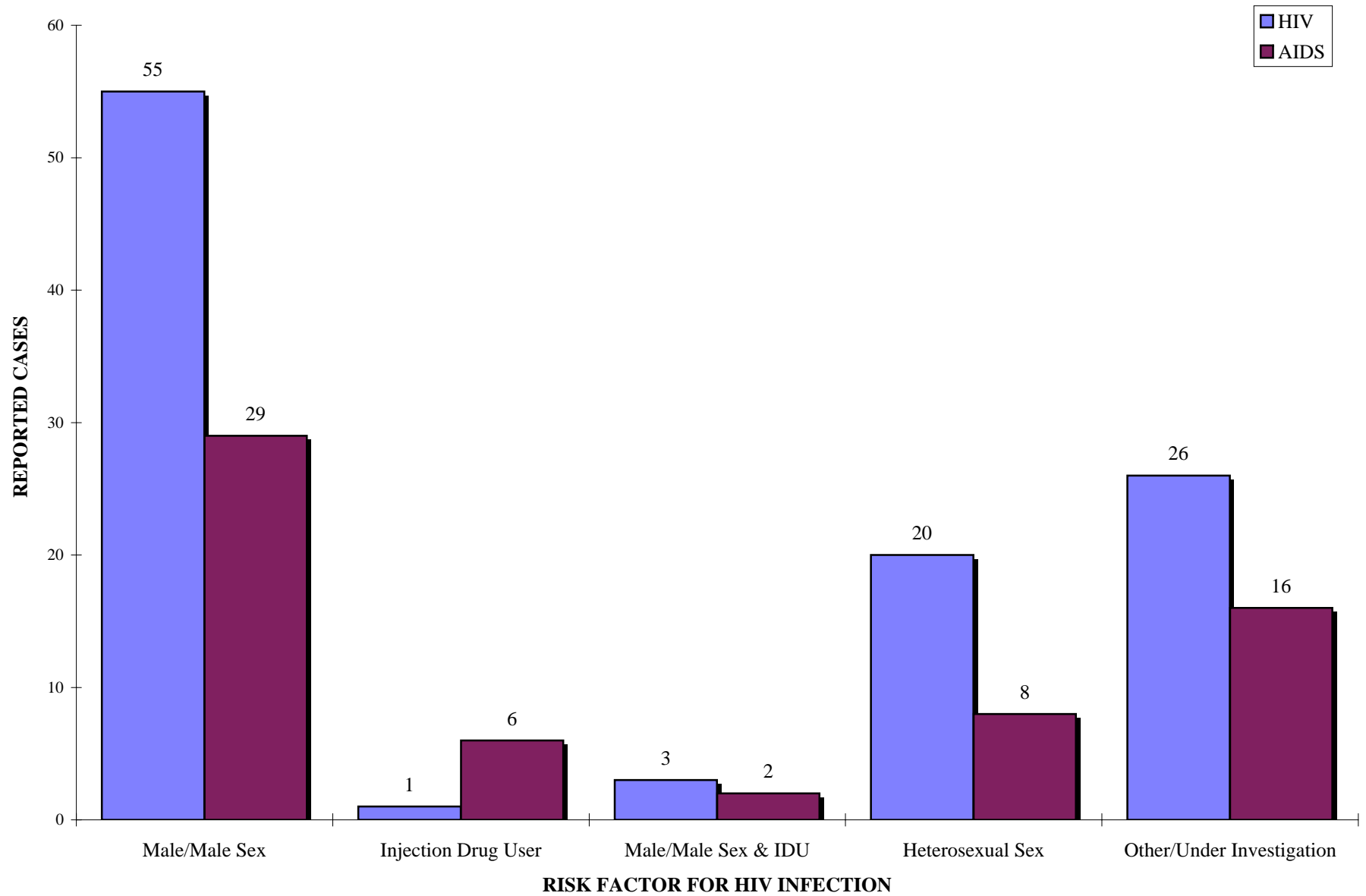
REPORT PREPARED BY:

Tiffany Wilkinson, M.P.H.; Public Health Specialist III
Arrie Morris; Public Health Specialist I

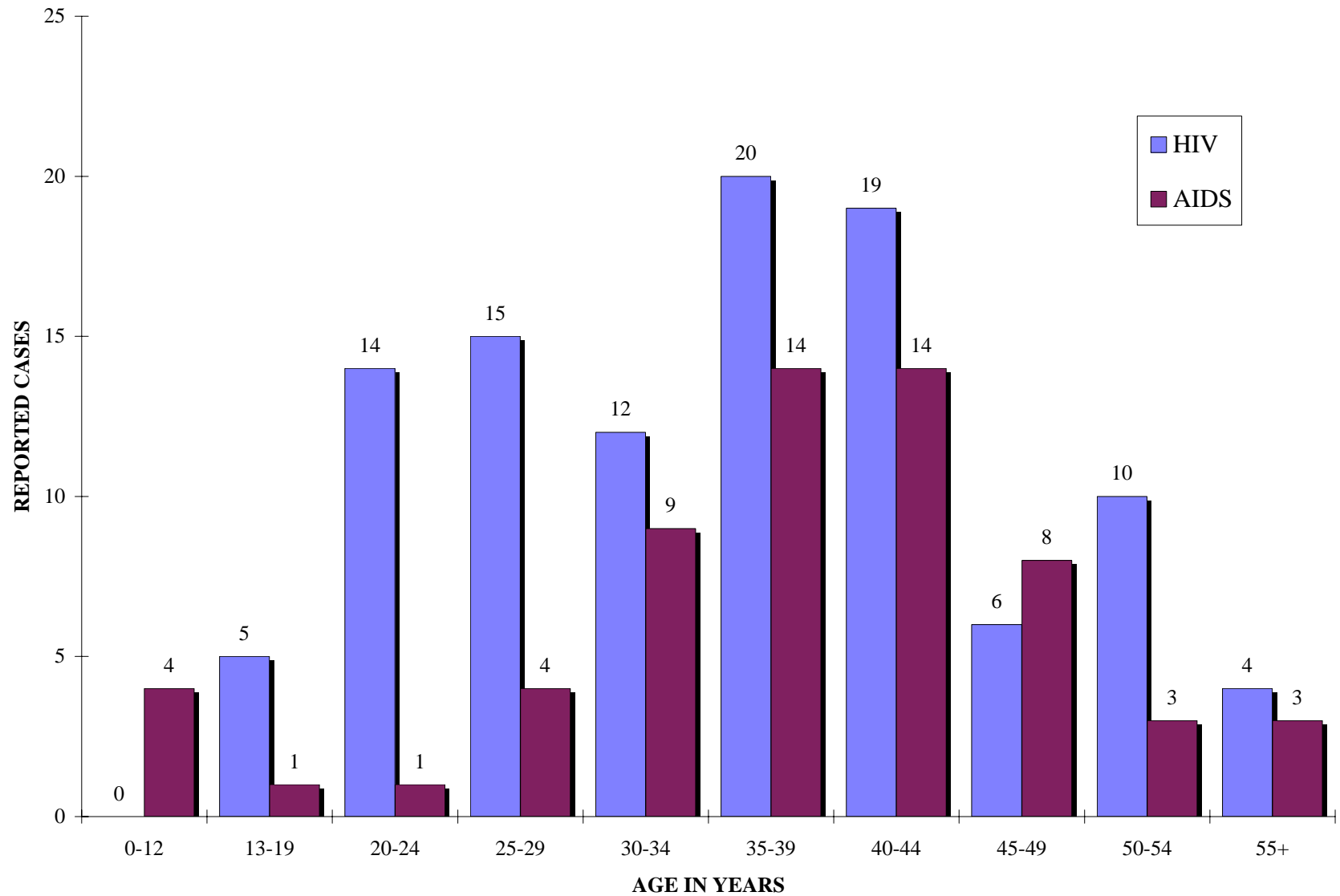
**DIVISION OF COMMUNICABLE DISEASE PREVENTION
& PUBLIC HEALTH PREPAREDNESS
KANSAS CITY, MISSOURI HEALTH DEPARTMENT
2005**

REPORTED HIV/AIDS CASES IN 2005

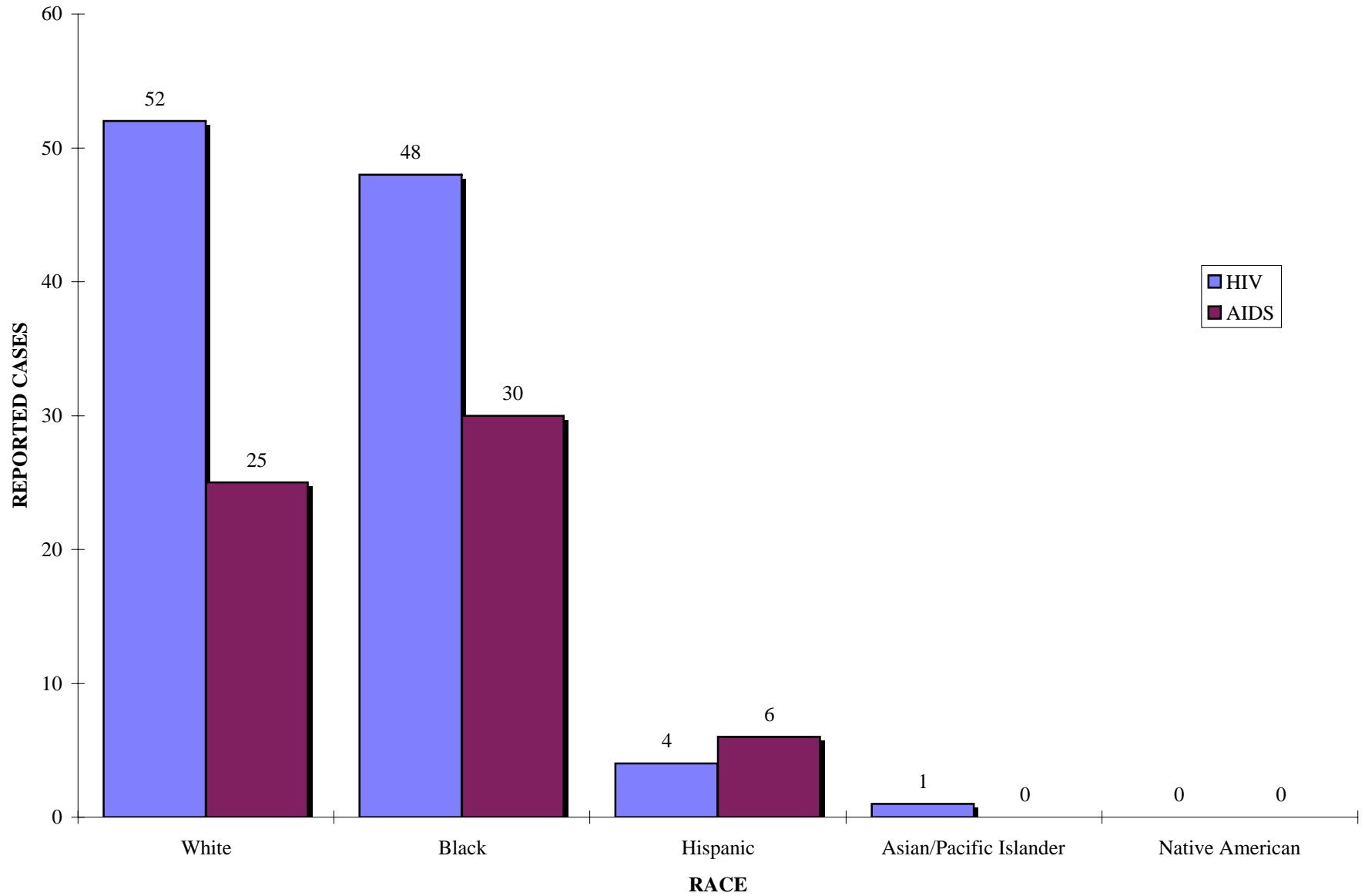
2005 REPORTED HIV/AIDS CASE BY RISK FACTOR KANSAS CITY, MISSOURI



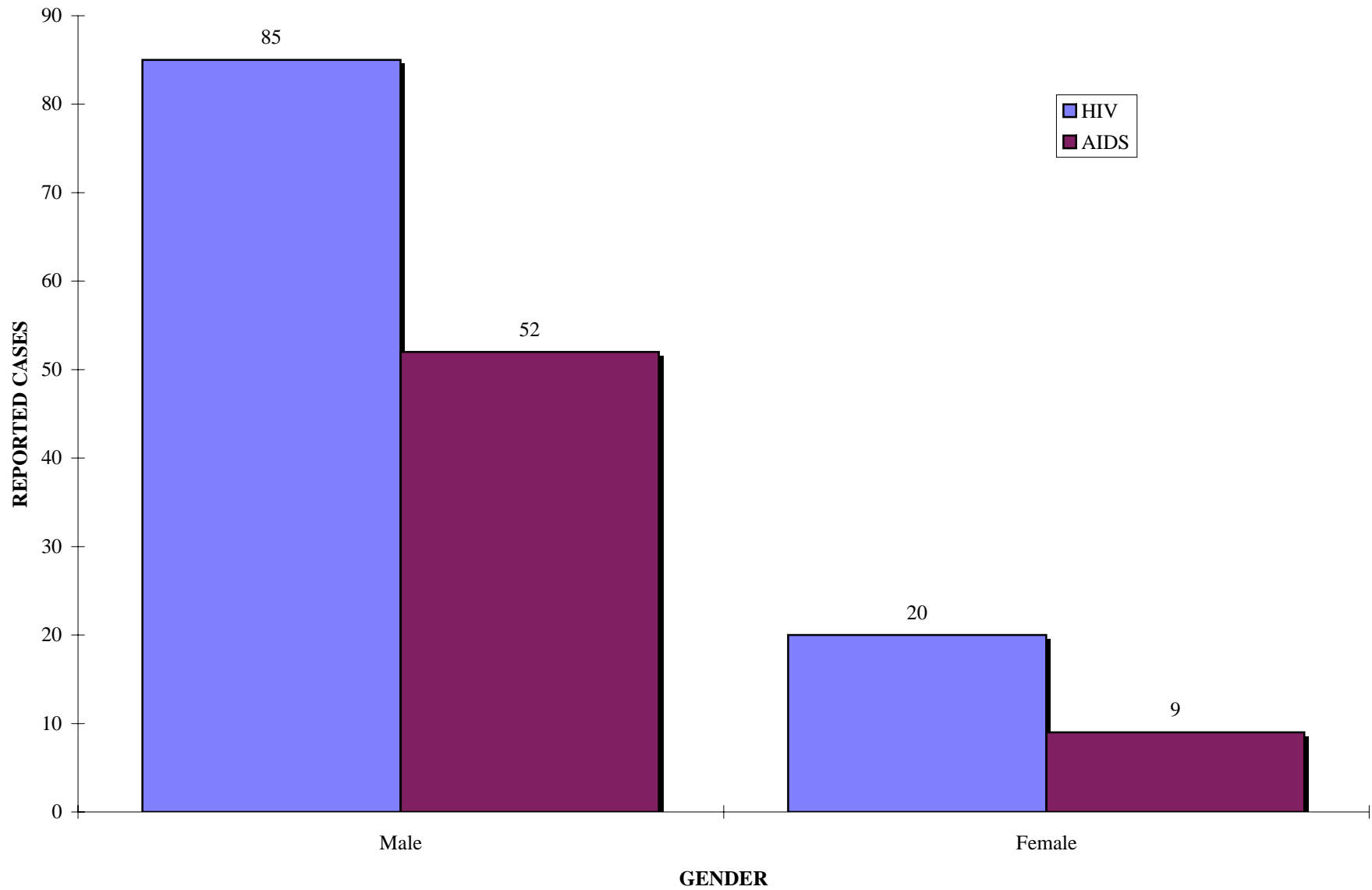
2005 REPORTED HIV/AIDS CASES BY AGE KANSAS CITY, MISSOURI



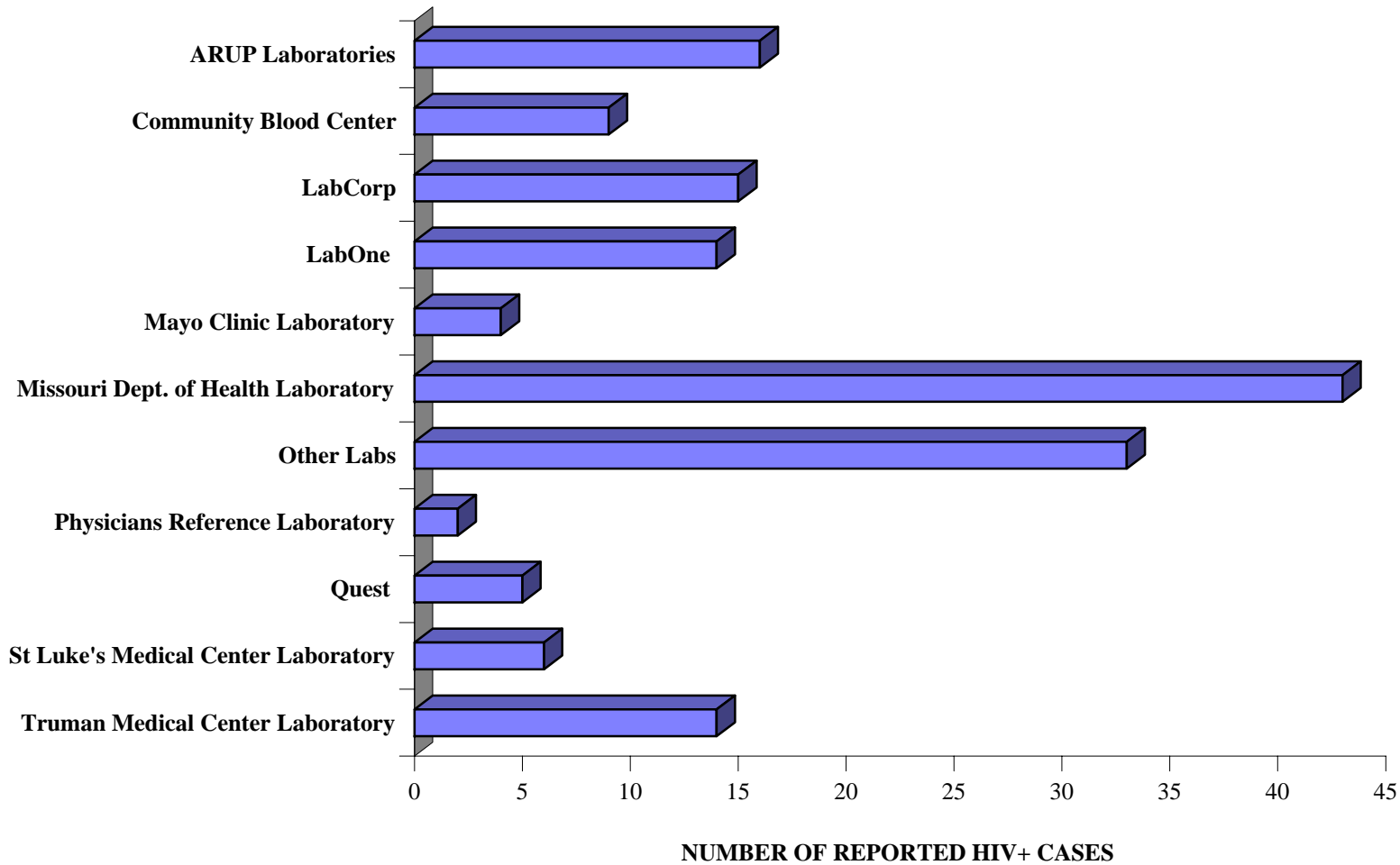
2005 REPORTED HIV/AIDS CASES BY RACE KANSAS CITY, MISSOURI



2005 REPORTED HIV/AIDS CASES BY GENDER KANSAS CITY, MISSOURI



2005 HIV LABORATORY REPORTS FOR NEW HIV CASES KANSAS CITY, MISSOURI



**DIVISION OF COMMUNICABLE DISEASE PREVENTION
& PUBLIC HEALTH PREPAREDNESS
KANSAS CITY, MISSOURI HEALTH DEPARTMENT
2005**

HIV/AIDS CUMULATIVE DATA

**TRENDS IN HIV INFECTION
BY YEAR OF HIV DIAGNOSIS
1987-2005
KANSAS CITY, MO**

	1987	1989	1991	1993	1995	1997	1999	2001	2003	2005										
GENDER																				
Male	273	95.12%	345	96.91%	263	93.93%	176	88.44%	132	87.42%	113	84.96%	101	84.17%	101	84.87%	93	83.04%	98	83.76%
Female	14	4.88%	11	3.09%	17	6.07%	23	11.56%	19	12.58%	20	15.04%	19	15.83%	18	15.13%	19	16.96%	19	16.24%
Total	287	100.00%	356	100.00%	280	100.00%	199	100.00%	151	100.00%	133	100.00%	120	100.00%	119	100.00%	112	100.00%	117	100.00%
RACE																				
White	224	78.05%	254	71.35%	163	58.21%	106	53.27%	80	52.98%	66	49.62%	58	48.33%	55	46.22%	42	37.50%	56	47.86%
Black	50	17.42%	92	25.84%	95	33.93%	90	45.23%	62	41.06%	56	42.11%	53	44.17%	52	43.70%	66	58.93%	53	45.30%
Hispanic	11	3.83%	7	1.97%	20	7.14%	2	1.01%	5	3.31%	10	7.52%	7	5.83%	11	9.24%	3	2.68%	7	5.98%
Other	2	0.70%	3	0.84%	2	0.71%	1	0.50%	4	2.65%	1	0.75%	2	1.67%	1	0.84%	1	0.89%	1	0.85%
Total	287	100.00%	356	100.00%	280	100.00%	199	100.00%	151	100.00%	133	100.00%	120	100.00%	119	100.00%	112	100.00%	117	100.00%
AGE																				
0-12	2	0.70%	3	0.84%	2	0.71%	2	1.01%	1	0.66%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	4	3.42%
13-19	7	2.44%	4	1.12%	5	1.79%	4	2.01%	4	2.65%	2	1.50%	3	2.50%	0	0.00%	3	2.68%	4	3.42%
20-24	19	6.62%	27	7.58%	19	6.79%	19	9.55%	7	4.64%	10	7.52%	7	5.83%	10	8.40%	11	9.82%	12	10.26%
25-29	53	18.47%	63	17.70%	64	22.86%	42	21.11%	27	17.88%	28	21.05%	19	15.83%	21	17.65%	15	13.39%	14	11.97%
30-34	76	26.48%	104	29.21%	71	25.36%	53	26.63%	39	25.83%	25	18.80%	29	24.17%	27	22.69%	31	27.68%	15	12.82%
35-39	57	19.86%	69	19.38%	59	21.07%	29	14.57%	35	23.18%	23	17.29%	22	18.33%	20	16.81%	14	12.50%	22	18.80%
40-44	35	12.20%	43	12.08%	30	10.71%	26	13.07%	11	7.28%	20	15.04%	19	15.83%	18	15.13%	18	16.07%	22	18.80%
45-49	15	5.23%	23	6.46%	19	6.79%	12	6.03%	12	7.95%	11	8.27%	13	10.83%	10	8.40%	9	8.04%	9	7.69%
50-54	9	3.14%	10	2.81%	7	2.50%	9	4.52%	10	6.62%	11	8.27%	8	6.67%	7	5.88%	7	6.25%	10	8.55%
55-59	8	2.79%	9	2.53%	4	1.43%	2	1.01%	1	0.66%	2	1.50%	0	0.00%	4	3.36%	1	0.89%	2	1.71%
60+	6	2.09%	1	0.28%	0	0.00%	1	0.50%	4	2.65%	1	0.75%	0	0.00%	2	1.68%	3	2.68%	3	2.56%
Total	287	100.00%	356	100.00%	280	100.00%	199	100.00%	151	100.00%	133	100.00%	120	100.00%	119	100.00%	112	100.00%	117	100.00%
RISK																				
MSM	213	74.22%	285	80.06%	211	75.36%	138	69.35%	95	62.91%	92	69.17%	78	65.00%	67	56.30%	53	47.32%	57	48.72%
Oth/Unk	3	1.05%	4	1.12%	5	1.79%	4	2.01%	16	10.60%	7	5.26%	13	10.83%	22	18.49%	43	38.39%	34	29.06%
IDU	20	6.97%	12	3.37%	21	7.50%	15	7.54%	9	5.96%	9	6.77%	7	5.83%	6	5.04%	2	1.79%	3	2.56%
MSM/IDU	36	12.54%	41	11.52%	29	10.36%	21	10.55%	13	8.61%	3	2.26%	4	3.33%	7	5.88%	1	0.89%	4	3.42%
Hemo/Coag	5	1.74%	2	0.56%	0	0.00%	1	0.50%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Transfusion	4	1.39%	1	0.28%	1	0.36%	0	0.00%	1	0.66%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Heterosexual	4	1.39%	9	2.53%	11	3.93%	18	9.05%	16	10.60%	22	16.54%	18	15.00%	17	14.29%	13	11.61%	19	16.24%
Perinatal	2	0.70%	2	0.56%	2	0.71%	2	1.01%	1	0.66%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Total	287	100.00%	356	100.00%	280	100.00%	199	100.00%	151	100.00%	133	100.00%	120	100.00%	119	100.00%	112	100.00%	117	100.00%

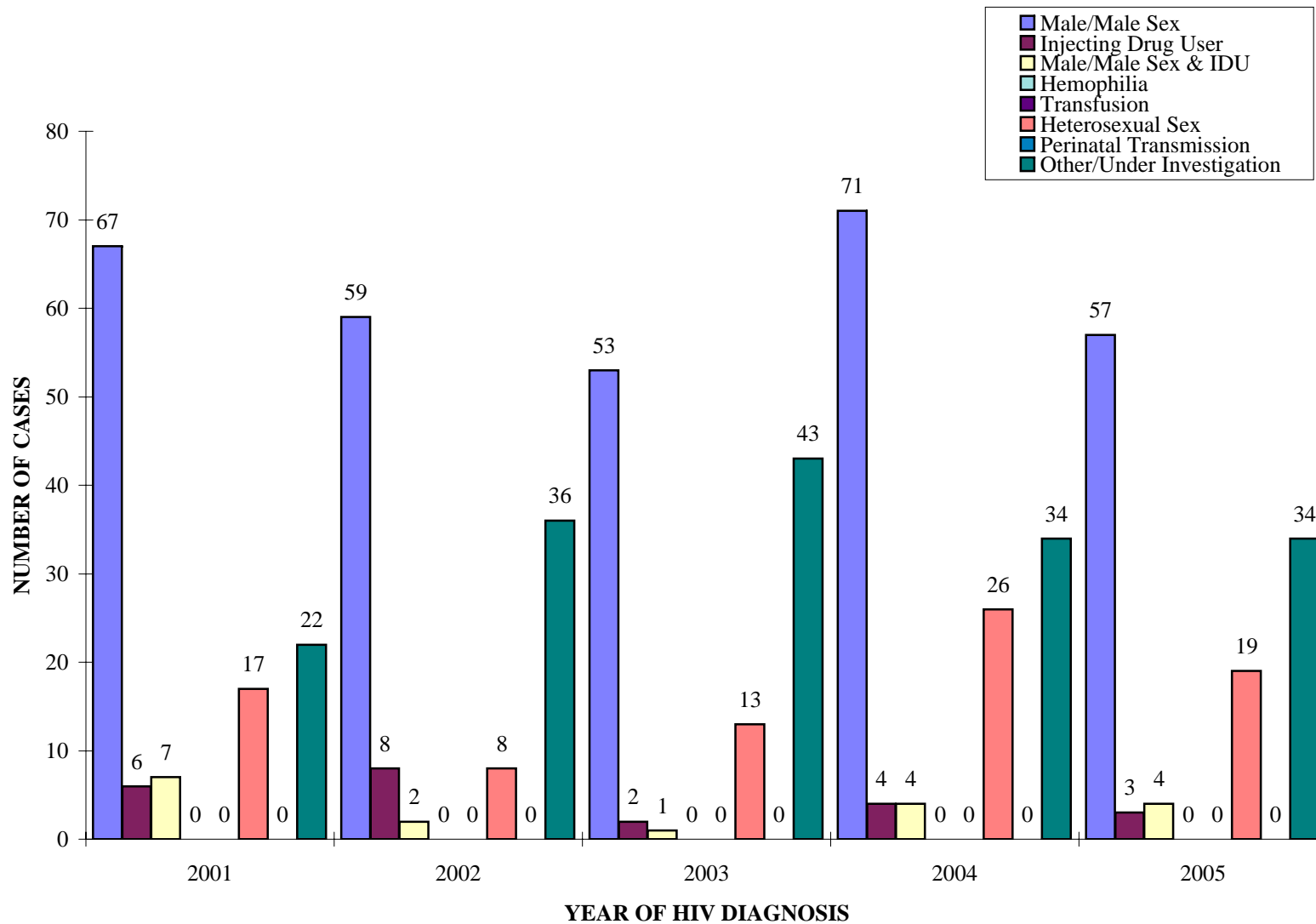
**TRENDS IN HIV INFECTION
BY YEAR OF HIV DIAGNOSIS
1987-2005
KANSAS CITY, MO**

	1987	1989	1991	1993	1995	1997	1999	2001	2003	2005										
RACE FOR MSM																				
White	174	81.69%	217	76.14%	139	65.88%	79	57.25%	55	57.89%	58	63.04%	48	61.54%	35	52.24%	22	41.51%	32	56.14%
Black	30	14.08%	59	20.70%	60	28.44%	56	40.58%	35	36.84%	25	27.17%	25	32.05%	27	40.30%	29	54.72%	21	36.84%
Hispanic	8	3.76%	6	2.11%	11	5.21%	2	1.45%	3	3.16%	8	8.70%	3	3.85%	4	5.97%	1	1.89%	4	7.02%
Other	1	0.47%	3	1.05%	1	0.47%	1	0.72%	2	2.11%	1	1.09%	2	2.56%	1	1.49%	1	1.89%	0	0.00%
Total	213	100.00%	285	100.00%	211	100.00%	138	100.00%	95	100.00%	92	100.00%	78	100.00%	67	100.00%	53	100.00%	57	100.00%
RACE FOR IDU																				
White	12	60.00%	4	33.33%	3	14.29%	6	40.00%	7	77.78%	4	44.44%	0	0.00%	1	16.67%	1	50.00%	2	66.67%
Black	7	35.00%	7	58.33%	14	66.67%	9	60.00%	2	22.22%	4	44.44%	6	85.71%	3	50.00%	1	50.00%	1	33.33%
Hispanic	1	5.00%	1	8.33%	4	19.05%	0	0.00%	0	0.00%	1	11.11%	1	14.29%	2	33.33%	0	0.00%	0	0.00%
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	0.00%
Total	20	100.00%	12	100.00%	21	100.00%	15	100.00%	9	100.00%	9	100.00%	7	100.00%	6	100.00%	2	100.00%	3	100.00%
RACE FOR MSM/IDU																				
White	25	69.44%	27	65.85%	17	58.62%	13	61.90%	8	61.54%	3	100.00%	3	75.00%	4	57.14%	1	100.00%	3	75.00%
Black	8	22.22%	14	34.15%	7	24.14%	8	38.10%	3	23.08%	0	0.00%	1	25.00%	1	14.29%	0	0.00%	1	25.00%
Hispanic	2	5.56%	0	0.00%	4	13.79%	0	0.00%	1	7.69%	0	0.00%	0	0.00%	2	28.57%	0	0.00%	0	0.00%
Other	1	2.78%	0	0.00%	1	3.45%	0	0.00%	1	7.69%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Total	36	100.00%	41	100.00%	29	100.00%	21	100.00%	13	100.00%	3	100.00%	4	100.00%	7	100.00%	1	100.00%	4	100.00%
RACE FOR "NO IDENTIFIABLE RISK"																				
White	1	33.33%	1	25.00%	0	0.00%	1	25.00%	3	18.75%	1	14.29%	4	30.77%	9	40.91%	16	38.10%	18	52.94%
Black	2	66.67%	3	75.00%	4	80.00%	3	75.00%	12	75.00%	6	85.71%	8	61.54%	11	50.00%	25	59.52%	15	44.12%
Hispanic	0	0.00%	0	0.00%	1	20.00%	0	0.00%	1	6.25%	0	0.00%	1	7.69%	2	9.09%	1	2.38%	1	2.94%
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	0.00%
Total	3	100.00%	4	100.00%	5	100.00%	4	100.00%	16	100.00%	7	100.00%	13	100.00%	22	100.00%	42	100.00%	34	100.00%
RACE FOR HETEROSEXUAL TRANSMISSION																				
White	3	75.00%	4	44.44%	3	27.27%	6	33.33%	5	31.25%	0	0.00%	3	16.67%	6	35.29%	2	15.38%	1	5.26%
Black	1	25.00%	5	55.56%	8	72.73%	12	66.67%	10	62.50%	21	95.45%	13	72.22%	10	58.82%	10	76.92%	15	78.95%
Hispanic	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	1	4.55%	2	11.11%	1	5.88%	1	7.69%	2	10.53%
Other	0	0.00%	0	0.00%	0	0.00%	0	0.00%	1	6.25%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	1	5.26%
Total	4	100.00%	9	100.00%	11	100.00%	18	100.00%	16	100.00%	22	100.00%	18	100.00%	17	100.00%	13	100.00%	19	100.00%

RISK FACTOR BY YEAR OF HIV DIAGNOSIS

2001-2005

KANSAS CITY, MISSOURI



HIV AND AIDS ANNUAL CASE RATES KANSAS CITY EMA, 1980-2005

	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	43	5.58	5	3.17	48	5.13	32	10.30	5	3.64	37	8.26
1985	104	13.49	30	19.00	134	14.33	85	27.37	28	20.36	113	25.21
1986	177	22.97	50	31.66	277	29.62	145	46.68	47	34.17	192	42.84
1987	280	36.33	66	41.79	346	37.00	224	72.12	63	45.80	287	64.04
1988	319	41.39	117	74.09	436	46.63	244	78.56	113	82.15	357	79.66
1989	313	40.61	109	69.02	422	45.13	254	81.77	102	74.16	356	79.44
*Population	770,735		157,924		935,042		310,610		137,549		448,159	
1990	226	28.28	130	38.73	356	35.82	172	60.83	119	78.08	291	66.87
1991	206	25.78	121	36.05	327	32.90	163	57.65	117	76.76	280	64.35
1992	153	19.15	107	31.88	260	26.16	115	40.67	102	66.92	217	49.87
1993	148	18.52	96	28.60	244	24.55	106	37.49	93	61.02	199	45.73
1994	123	15.39	82	24.43	205	20.63	83	29.35	81	53.14	164	37.69
1995	106	13.27	75	22.34	181	18.21	80	28.29	71	46.58	151	34.70
1996	101	12.64	80	23.83	181	18.21	69	24.40	75	49.21	144	33.09
1997	91	11.39	71	21.15	162	16.30	66	23.34	67	43.96	133	30.56
1998	85	10.64	77	22.94	162	16.30	54	19.10	71	46.58	125	28.73
1999	77	9.64	64	19.07	141	14.19	58	20.51	62	40.68	120	27.58
**Population	799,047		335,660		993,889		282,760		152,416		435,146	
2000	56	6.61	77	33.74	133	12.43	37	13.81	73	42.07	110	24.91
2001	72	8.50	72	31.55	144	13.46	55	20.52	64	36.88	119	26.95
2002	74	8.73	72	31.55	146	13.64	54	20.15	59	34.00	113	25.59
2003	53	6.25	76	33.30	129	12.06	42	15.67	70	40.34	112	25.37
2004	103	12.15	78	34.18	181	16.92	70	26.12	69	39.76	139	31.48
2005	80	9.44	81	35.49	161	15.05	56	20.89	61	35.15	117	26.50
***Population	847,512		228,206		1,070,052		268,018		173,527		441,545	

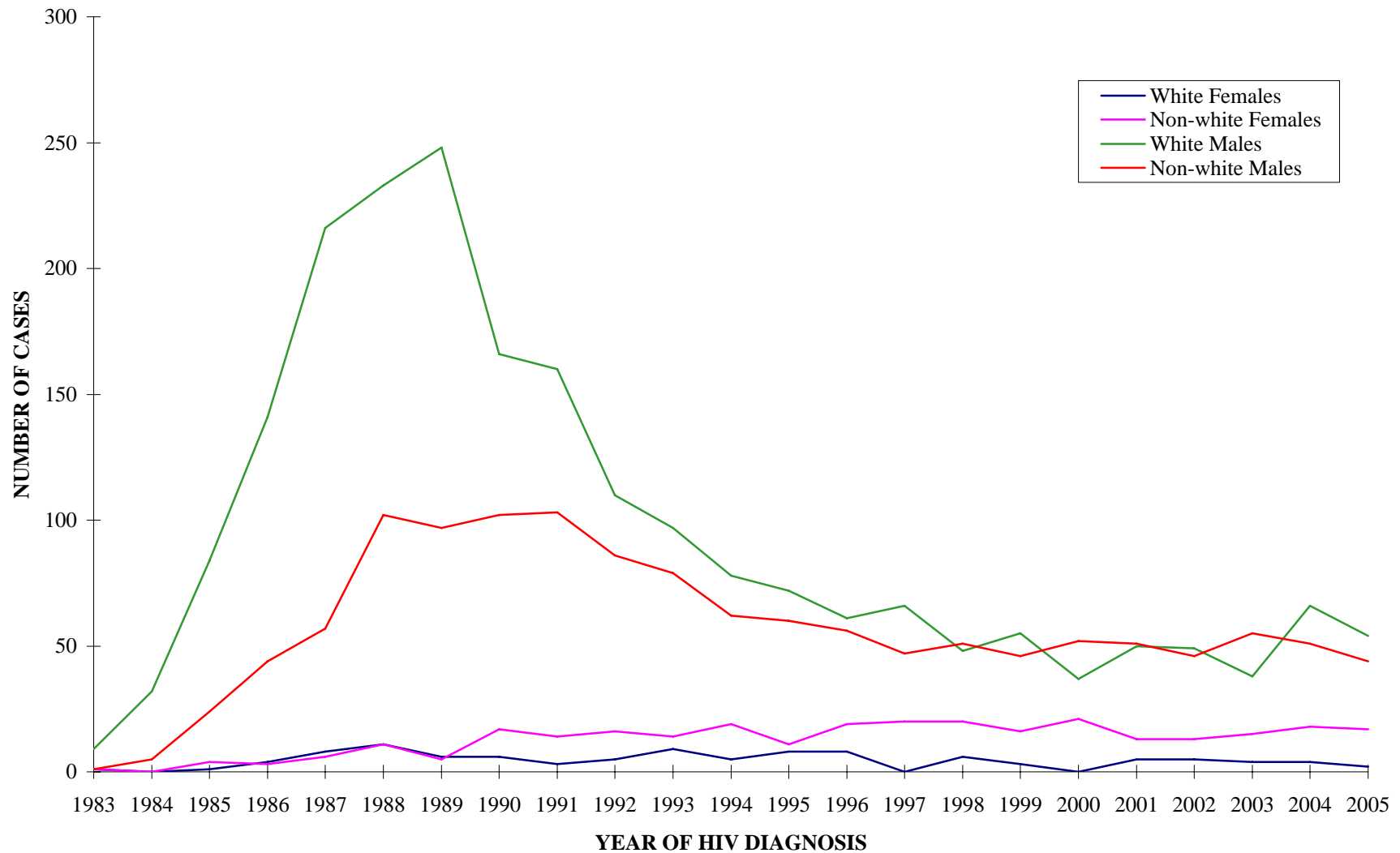
*Population as of 1980 Census

**Population as of 1990 Census

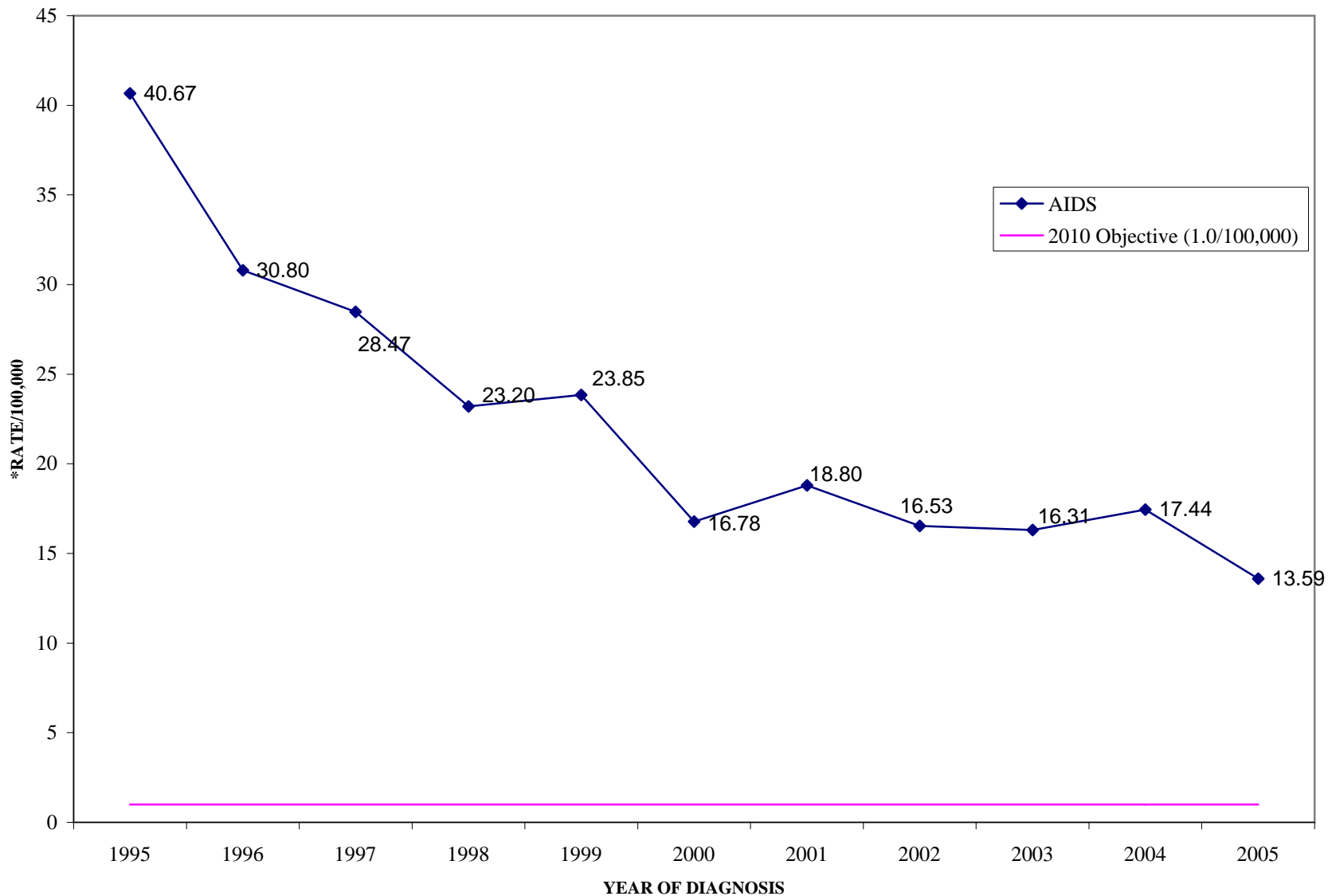
***Population as of 2000 Census

Case Rates per 100,000 Population

GENDER AND RACE BY YEAR OF HIV DIAGNOSIS 1983-2005 KANSAS CITY, MISSOURI

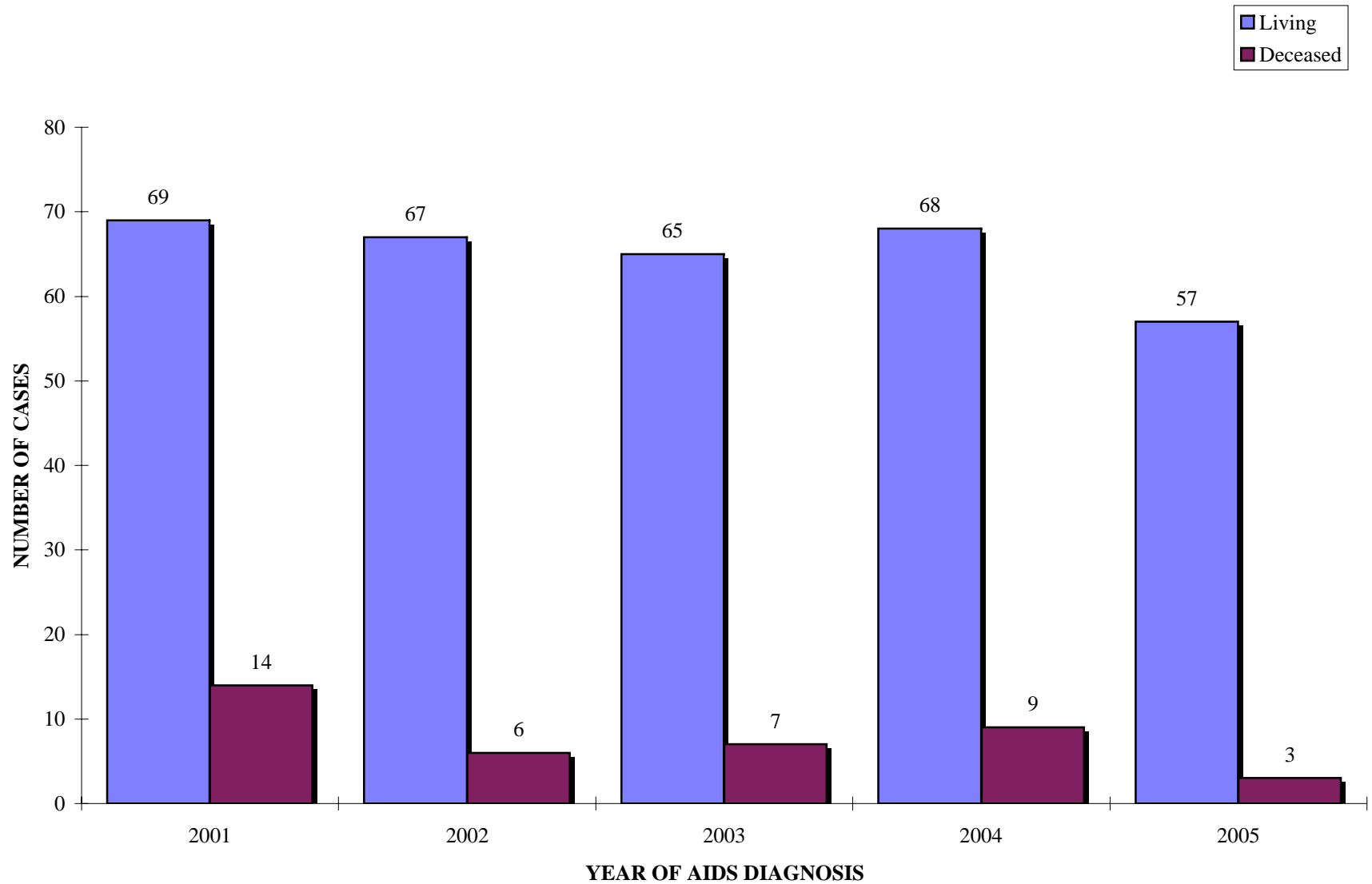


AIDS CASE RATES KANSAS CITY RESIDENTS 1995-2005

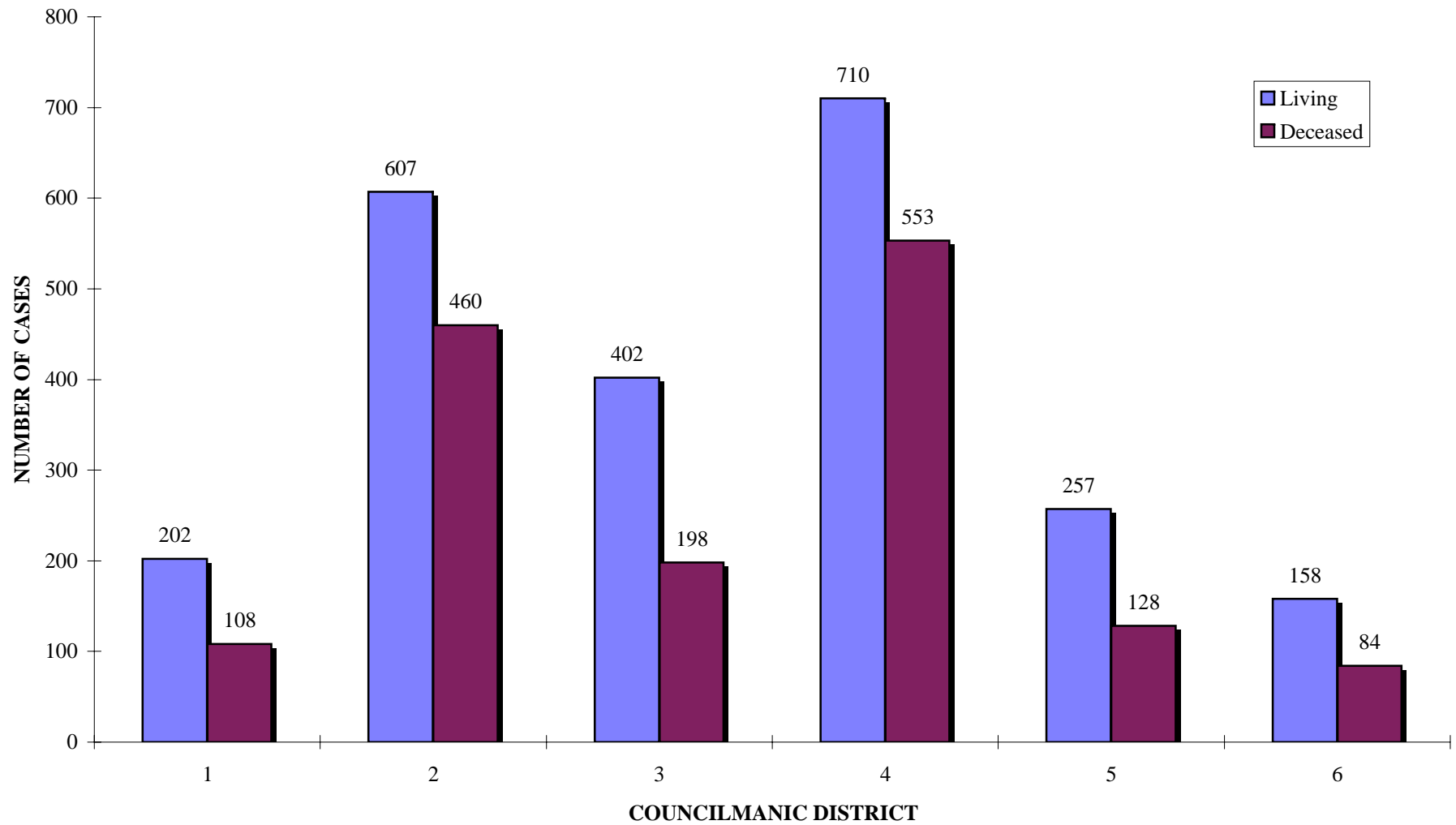


*BASED ON KANSAS CITY CENSUS POPULATION DATA

**AIDS CASES LIVING AND DECEASED BY YEAR OF AIDS DIAGNOSIS
2001-2005
KANSAS CITY, MISSOURI**

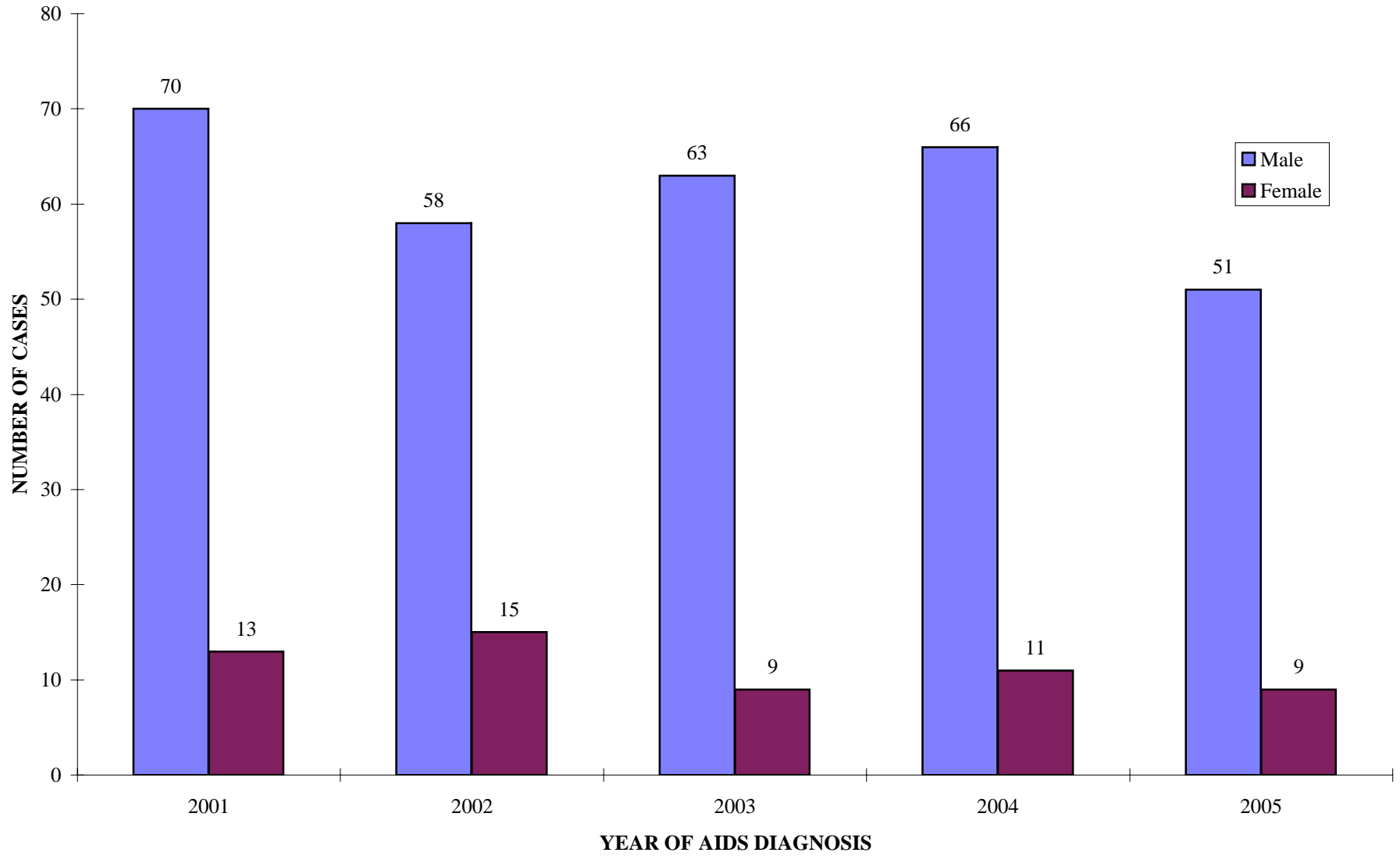


LIVING AND DECEASED HIV/AIDS CASES BY COUNCILMANIC DISTRICT 1983-2005 KANSAS CITY, MISSOURI

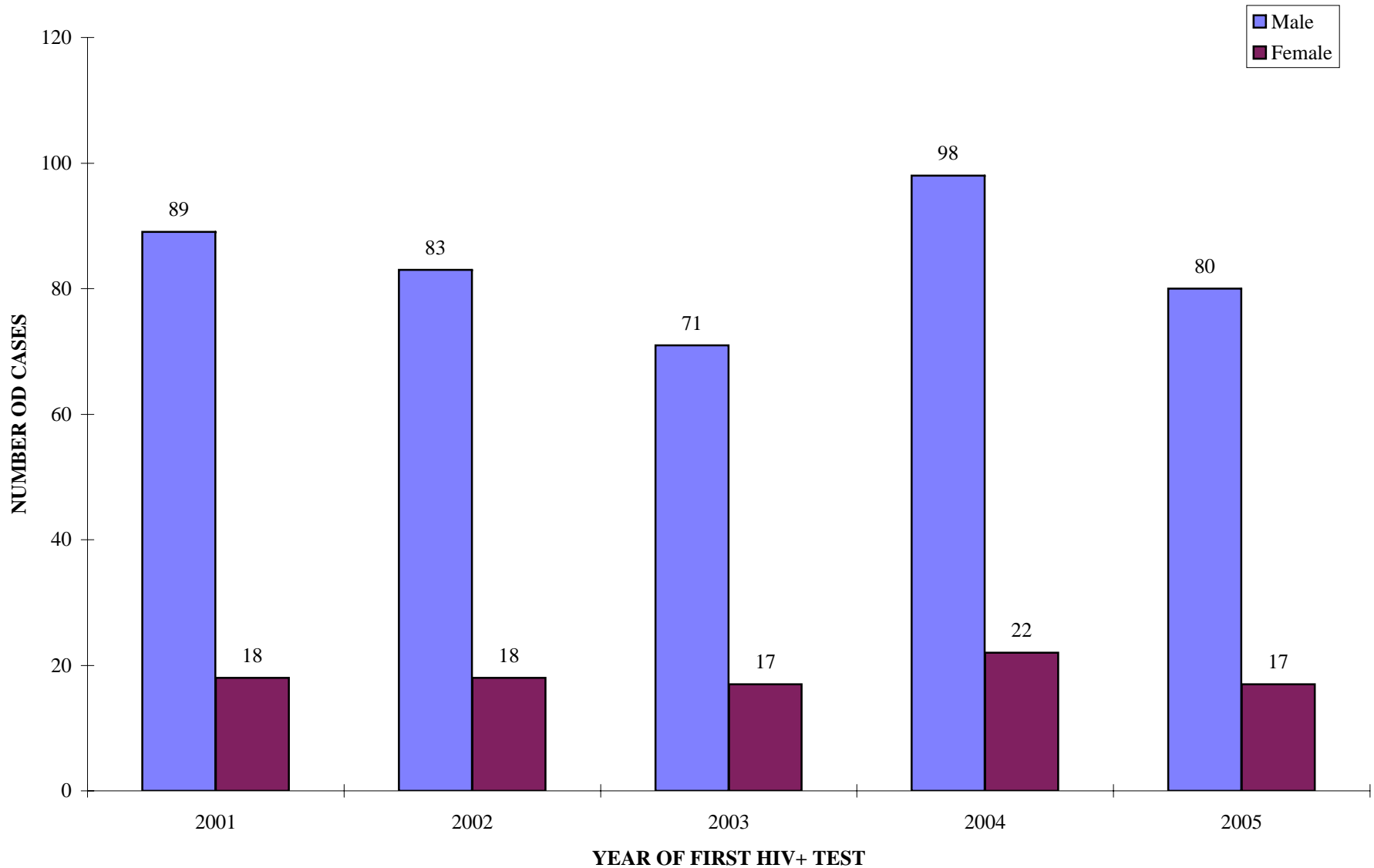


Information was unavailable for 23 persons

**NEWLY DIAGNOSED AIDS CASES BY YEAR AND GENDER
2001-2005
KANSAS CITY, MISSOURI**



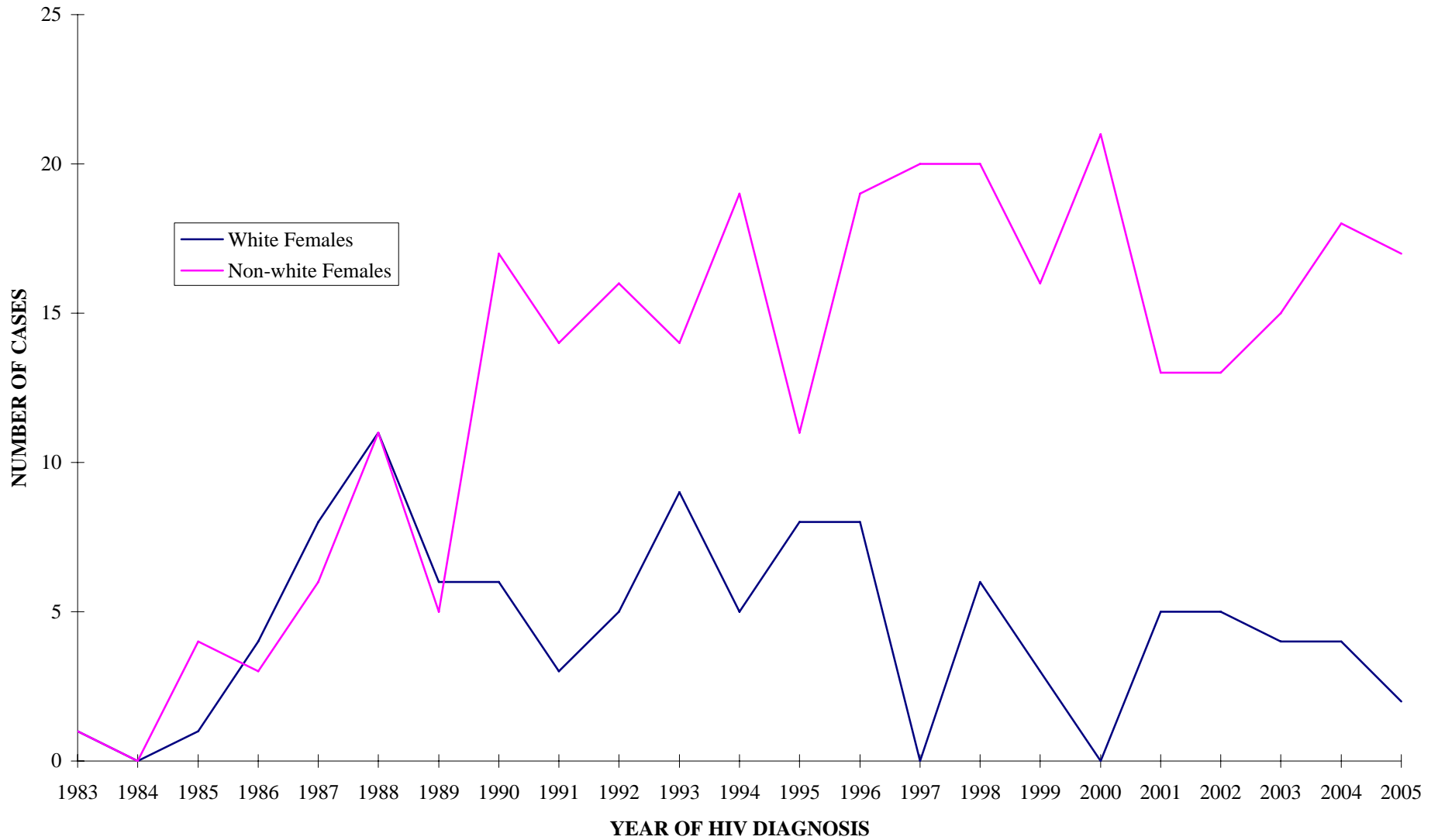
**NUMBER OF ANNUAL HIV CASES BY GENDER AND YEAR OF TEST
2001-2005
KANSAS CITY, MO**



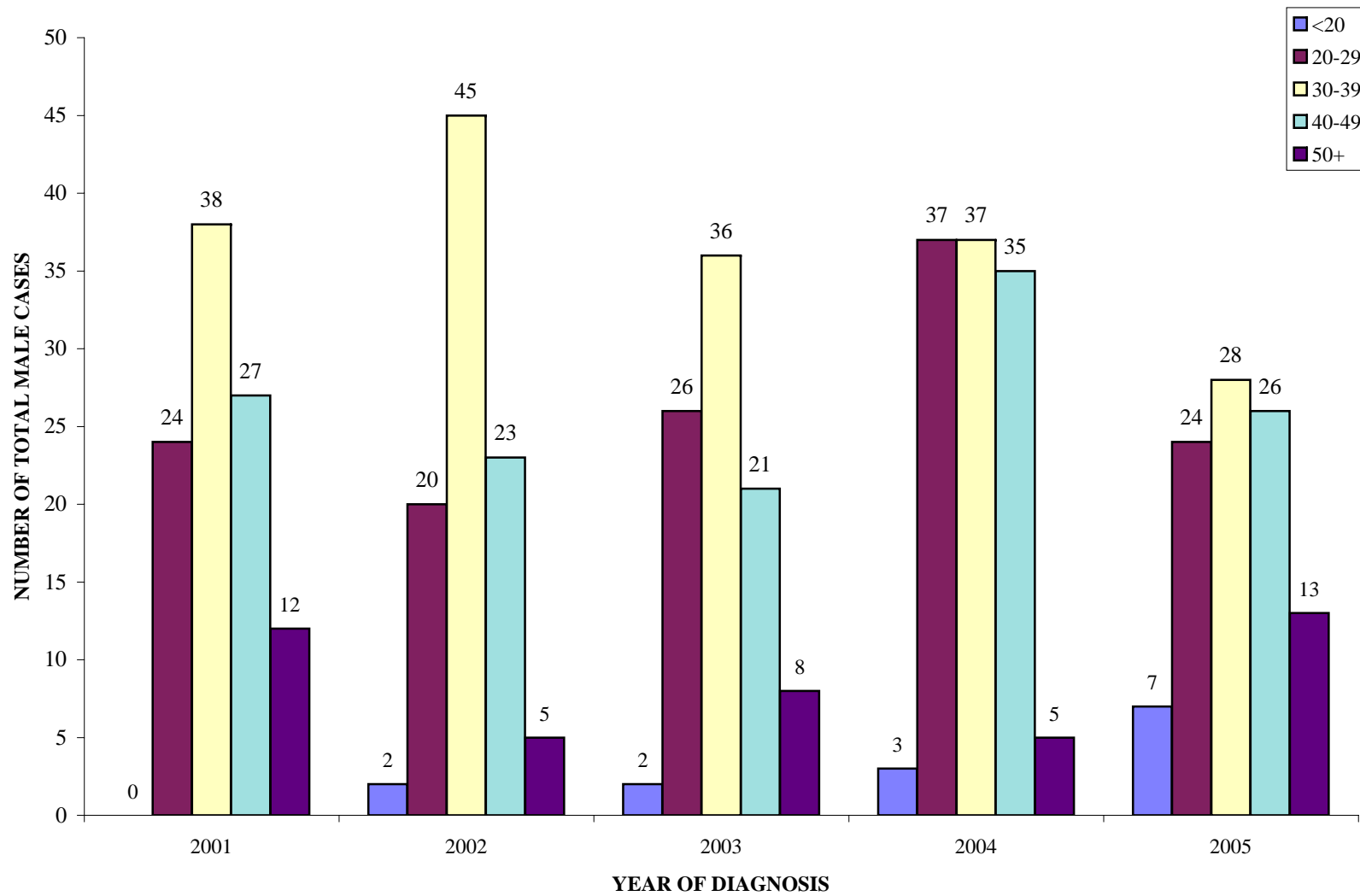
HIV DIAGNOSIS FOR MALES
PERCENT OF TOTAL CASES BY RACE AND YEAR OF DIAGNOSIS
1983-2005
KANSAS CITY, MISSOURI



FEMALES BY YEAR OF HIV DIAGNOSIS AND RACE
1983-2005
KANSAS CITY, MISSOURI



NUMBER OF CASES FOR MALES BY AGE GROUP AND YEAR OF HIV DIAGNOSIS 2001-2005 KANSAS CITY, MO



NUMBER OF CASES FOR FEMALES BY AGE GROUP AND YEAR OF HIV DIAGNOSIS 2001-2005 KANSAS CITY, MISSOURI

