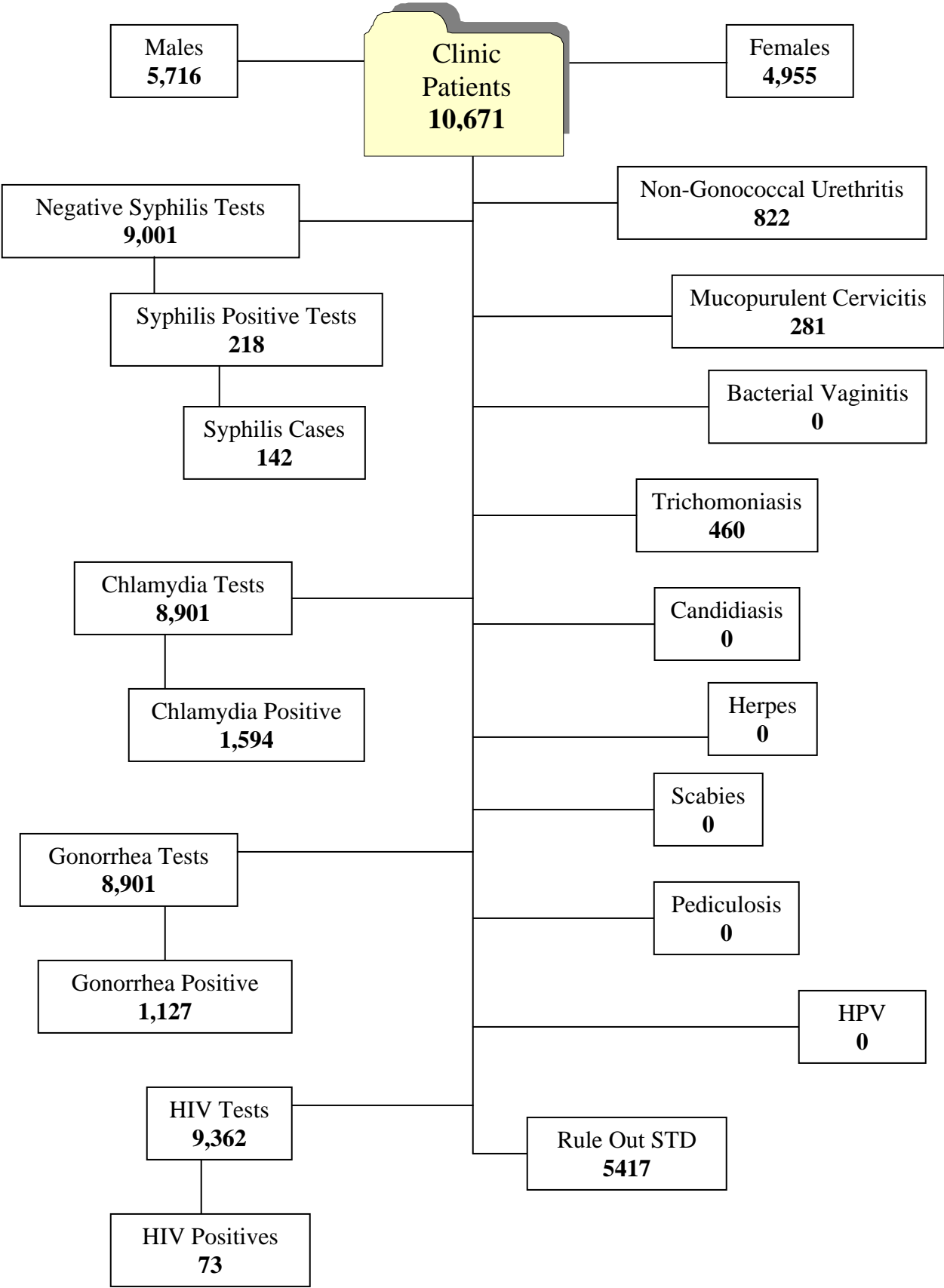


**DIVISION OF COMMUNICABLE DISEASE PREVENTION
& PUBLIC HEALTH PREPAREDNESS
KANSAS CITY, MISSOURI HEALTH DEPARTMENT
2007**

**SEXUALLY TRANSMITTED DISEASE
ANNUAL REPORT**

SUBMITTED BY:
RON GRIFFIN, M.P.H.
DIVISION MANAGER

REPORT PREPARED BY:
Lesha Dennis, B.A., Epidemiology Specialist



STD INTERVENTION THROUGH INTERVIEWS CONTACTS

PARTNER DISPOSITIONS FROM INTERVIEWS*	Chlamydia Partners	Chlamydia Suspects	Gonorrhea Partners	Gonorrhea Suspects	Syphilis Partners
Total Partners/Suspects Initiated	447	4	678	14	172
Total Examined	292	2	498	12	130
Total Examined within 7 Days	223	2	377	11	98
Preventative Treatment					
Preventative Treatment	147	0	207	1	82
Refused Preventative Treatment	7	0	9	0	1
Infected, Brought To Treatment					
Infected, Brought To Treatment	116	2	243	1	32
Infected, Not Treated					
Infected, Not Treated	0	0	3	0	0
Not Infected					
Not Infected	22	0	36	10	15
Previously Treated This Infection					
Previously Treated This Infection	65	2	70	1	27
Insufficient Info to Begin Investigation					
Insufficient Info to Begin Investigation	2	0	2	0	0
Unable to Locate					
Unable to Locate	31	0	43	0	6
Located, Refused Services					
Located, Refused Services	38	0	38	1	9
Out of Jurisdiction					
Out of Jurisdiction	18	0	26	0	0
Other Closure					
Other Closure	1	0	1	0	0

PARTNER DISPOSITIONS FROM HIV INTERVIEWS*	HIV Partners	HIV Suspects
Total Partners/Suspects Initiated	166	20
Total Notified	89	15
Total Notified within 7 Days	68	13
Previous Negative, New Positive		
Previous Negative, New Positive	4	0
Previous Negative, Still Negative		
Previous Negative, Still Negative	45	5
Previous Negative, Not Re-tested		
Previous Negative, Not Re-tested	5	1
New Positive		
New Positive	5	0
New Negative		
New Negative	30	8
Not Prev. Tested, Not Tested Now		
Not Prev. Tested, Not Tested Now	0	1
Previous Positive		
Previous Positive	50	3
Unable To Locate		
Unable To Locate	8	0
Insufficient Info to Begin Investigation		
Insufficient Info to Begin Investigation	0	0
Located, Refused Services		
Located, Refused Services	10	1
Out Of Jurisdiction		
Out Of Jurisdiction	9	1
Other		
Other	0	0

*Based on date case was closed - not date interview conducted.

STD INTERVENTION THROUGH INTERVIEWS CONTACTS

Syphilis Suspects
50
31
19
3
0
4
0
24
5
0
5
8
1
0

STD INTERVENTION THROUGH POSITIVE PATIENT FOLLOW-UP

FIELD RECORD DISPOSITIONS FOR POSITIVE TEST RESULTS	CHLAMYDIA	GONORRHEA	SYPHILIS
Total Field Records Dispositioned	721	482	170
Total Examined	624	370	113
Total Examined within 7 Days	434	248	98
Preventative Treatment			
Preventative Treatment	0	0	0
Refused Preventative Treatment	0	0	0
Infected, Brought To Treatment	584	332	105
Infected, Not Treated	36	32	0
Not Infected	4	6	8
Previously Treated This Infection	83	102	54
Unable to Locate	6	5	0
Located, Refused Services	3	2	2
Out of Jurisdiction	4	3	1
Other	1	0	0

FIELD RECORDS DISPOSITIONED FOR POSITIVE HIV TEST RESULTS	HIV
Total Field Records Dispositioned	113
Total Notified	88
Total Notified within 7 Days	44
Previous Negative, New Positive	
Previous Negative, New Positive	43
Previous Negative, Still Negative*	
Previous Negative, Still Negative*	2
Previously Negative, Not Tested	
Previously Negative, Not Tested	0
New Positive	
New Positive	43
New Negative	
New Negative	0
No Previous Test, Not Tested Now	
No Previous Test, Not Tested Now	0
Previous Positive	
Previous Positive	11
Unable to Locate	
Unable to Locate	4
Located Refused Services	
Located Refused Services	4
Out of Jurisdiction	
Out of Jurisdiction	6
Other	
Other	0

* Tested Indeterminate(Elisa-R/West Blot-NR) retested Elisa-NR/West Blot-NR

STD INTERVENTION THROUGH CASE FOLLOW-UP

FIELD RECORD DISPOSITIONS*	CHLAMYDIA	GONORRHEA	SYPHILIS
Total Field Records Dispositioned	16	12	13
Total Examined	4	4	9
Total Examined within 7 Days	1	4	5
Preventative Treatment			
Preventative Treatment	3	4	5
Refused Preventative Treatment	0	0	0
Infected Brought to Treatment	1	0	2
Infected, Not Treated	0	0	0
Not Infected	0	0	2
Insufficient Info to Begin Investigation	4	2	0
Previously Treated This Infection	2	1	1
Unable to Locate	3	2	0
Located, Refused Services	2	2	3
Out of Jurisdiction	1	1	0
Other	0	0	0

FIELD RECORD DISPOSITIONS*	HIV
Total Field Records Dispositioned	24
Total Notified	9
Total Notified within 7 Days	4
Previous Negative, New Positive	
Previous Negative, New Positive	1
Previous Negative, Still Negative	
Previous Negative, Still Negative	4
Previous Negative, Not Retested	
Previous Negative, Not Retested	0
New Positive	
New Positive	2
New Negative	
New Negative	2
Not Previously Tested, Not Tested Now	
Not Previously Tested, Not Tested Now	0
Previous Positive	
Previous Positive	3
Insufficient Info to Begin Investigation	
Insufficient Info to Begin Investigation	0
Unable to Locate	
Unable to Locate	2
Located Refused Services	
Located Refused Services	5
Out of Jurisdiction	
Out of Jurisdiction	5
Other	
Other	0

*Based on date field record was closed.

STD INTERVENTION THROUGH CASE INTERVIEWS

INTERVIEWS ACTIVITY	CHLAMYDIA		GONORRHEA		SYPHILIS	
Total Cases Assigned	424		861		152	
Total Cases Closed	424	100%	861	100%	152	100%
Total Cases Interviewed	424	100%	861	100%	133	87.5%
Total Clinic Interviews	424	100%	860	99.9%	106	79.7%
Total Field Interviews	0	0%	1	0.12%	27	20.3%
Total Phone Interviews	0	0%	0	0%	0	0.0%
Num. of Partners Initiated	417	1.0	665	0.8	166	1.2
Num. of Interviews without Partners	93	21.9%	332	38.6%	38	28.6%
Total Cases Not Interviewed	0	0%	0	0%	9	6.8%
Located, Refused Services	0	0%	0	0%	2	22.2%
Unable to Locate	0	0%	0	0%	5	55.6%
Other	0	0%	0	0%	2	22.2%

INTERVIEWS ACTIVITY	HIV	
Total Cases Assigned	137	
Total Cases Closed	137	100%
Total Cases Interviewed	119	86.9%
Total Clinic Interviews	74	62.2%
Total Field Interviews	45	37.8%
Total Phone Interviews	0	0%
Num. of Partners Initiated	152	1.3
Num. of Interviews without Partners	37	31.1%
Total Cases Not Interviewed	18	15.1%
Located, Refused Services	9	50.0%
Unable to Locate	8	44.4%
Other	1	5.6%

*Based on date case was closed - not date interview conducted.

HIV SCREENING SUMMARY 2007

Confidential Screening Site

	Number Patients In Clinic	Number Patients Eligible	% Eligible	Number Pretest Counseled	Number Tested In Clinic	% Tested	Number New Positive	% New Positive	Number Previous Positive	% Previous Positive
STD Clinic	10,671	9,084	85%	9,084	9,084	100%	46	0.5%	29	63.0%
Clinic OraQuick	278	278	100%	278	278	100%	27	9.7%	0	0.0%
TOTAL:	10,949	9,362	86%	9,362	9,362	100%	73	0.0%	29	0.3%

Counseling & Testing

Field OraQuick	44	44	100%	44	44	100%	1	2.3%	0	0.0%
OraSure	29	29	100%	29	29	100%	0	0.0%	0	0.0%
Screening	807	807	100%	807	807	100%	7	0.9%	0	0.0%
DIS	14	14	100%	14	14	100%	1	7.1%	0	0.0%
TOTAL:	894	894	100%	894	894	100%	9	1.0%	0	0.0%

GRAND TOTAL	11,843	10,256	87%	10,256	10,256	100%	82	0.8%	29	0.3%
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HIV Positives Reported For Follow-Up This Year

Area	Male	Female	Total
Kansas City	98	21	119

SEXUALLY TRANSMITTED DISEASE MORBIDITY

Total Chlamydia Morbidity		Total Chlamydia Morbidity by Area					
Female: STD Clinic	<u>531</u>		K.C., <u>MO</u>	*Metro <u>Area</u>	<u>**OOJ</u>	<u>***ND</u>	<u>Total</u>
Non-STD Clinic	<u>2,449</u>	Female	<u>2,961</u>	<u>0</u>	<u>0</u>	<u>19</u>	<u>2,980</u>
Total Female	<u>2,980</u>	Male	<u>1,292</u>	<u>0</u>	<u>0</u>	<u>7</u>	<u>1,299</u>
Male: STD Clinic	<u>780</u>	Total	<u>4,253</u>	<u>0</u>	<u>0</u>	<u>26</u>	<u>4,279</u>
Non-STD Clinic	<u>519</u>						
Total Male	<u>1,299</u>						
Total	<u>4,279</u>						

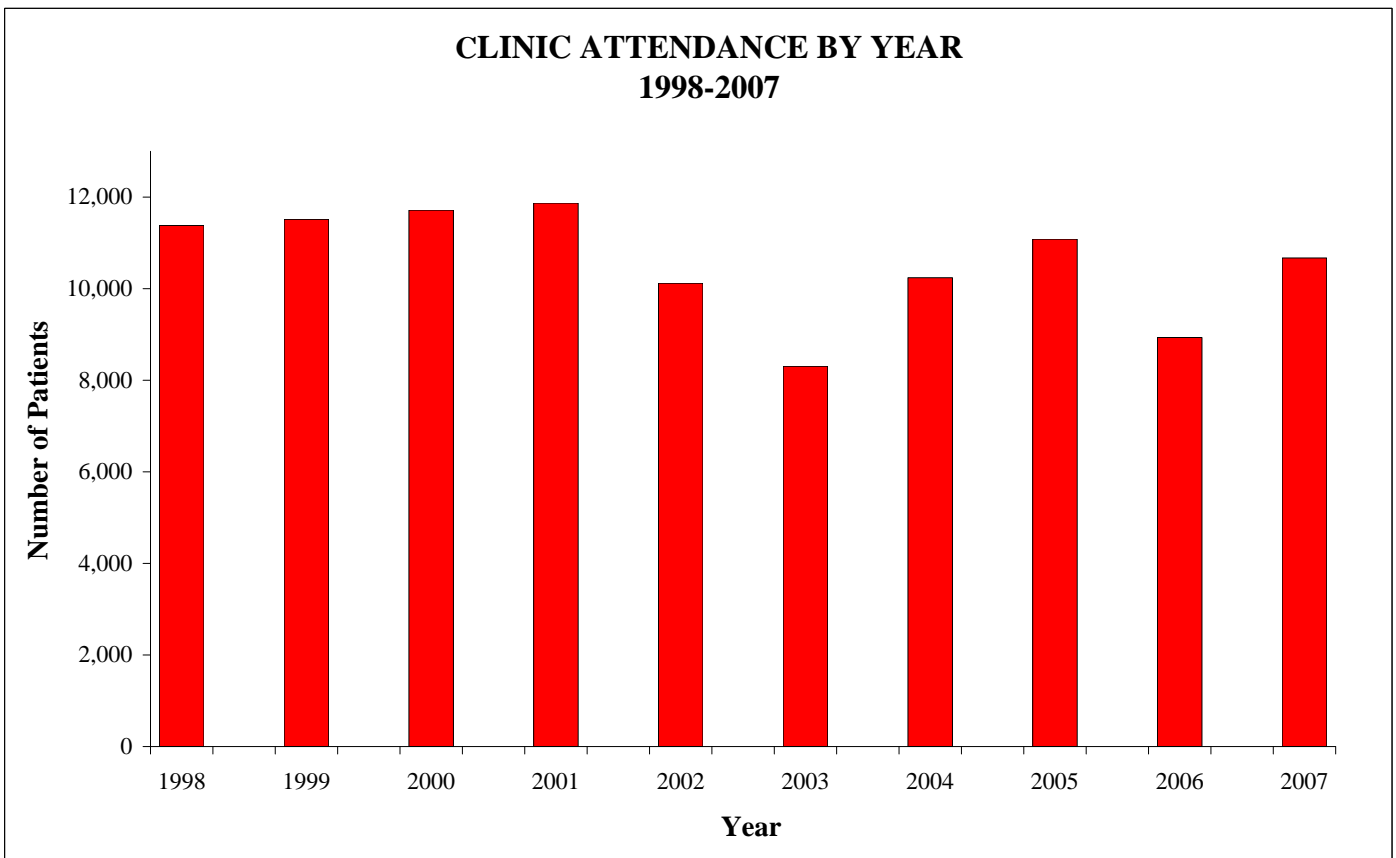
Total Gonorrhea Morbidity		Total Gonorrhea Morbidity by Area					
Female: STD Clinic	<u>336</u>		K.C., <u>MO</u>	*Metro <u>Area</u>	<u>**OOJ</u>	<u>***ND</u>	<u>Total</u>
Non-STD Clinic	<u>860</u>	Female	<u>1,193</u>	<u>0</u>	<u>0</u>	<u>3</u>	<u>1,196</u>
Total Female	<u>1,196</u>	Male	<u>1,062</u>	<u>0</u>	<u>0</u>	<u>6</u>	<u>1,068</u>
Male: STD Clinic	<u>661</u>	Total	<u>2,255</u>	<u>0</u>	<u>0</u>	<u>9</u>	<u>2,264</u>
Non-STD Clinic	<u>407</u>						
Total Male	<u>1,068</u>						
Total	<u>2,264</u>						

Total Syphilis Morbidity - Diagnosed Cases				KEY
	<u>K.C., MO</u>	<u>Metro Area</u>	<u>Total</u>	
Primary/Secondary	<u>102</u>	<u>0</u>	<u>102</u>	*Metro Area = The 32 Communities surrounding Kansas City corporate limits.
Early Latent <1 year	<u>46</u>	<u>0</u>	<u>46</u>	**OOJ = Out of Jurisdiction
Total Early Syphilis	<u>148</u>	<u>0</u>	<u>148</u>	***ND = Needs Demographics
Late Latent	<u>23</u>	<u>0</u>	<u>23</u>	
Congenital Syphilis	<u>0</u>	<u>0</u>	<u>0</u>	
Total	<u>171</u>	<u>0</u>	<u>171</u>	

Morbidity by Highest Zip codes					
<u>Chlamydia</u>		<u>Gonorrhea</u>		<u>Syphilis</u>	
<u>Zip Code</u>	<u>Cases</u>	<u>Zip Code</u>	<u>Cases</u>	<u>Zip Code</u>	<u>Cases</u>
64130	547	64130	324	64111	18
64127	357	64127	219	64127	17
64128	339	64128	210	64130	13
64132	301	64132	184	64124	12
64134	278	64109	173	64132	9
Total	<u>1,822</u>	Total	<u>1,110</u>	Total	<u>69</u>
Percent Total	<u>43%</u>	Percent Total	<u>49%</u>	Percent Total	<u>40%</u>

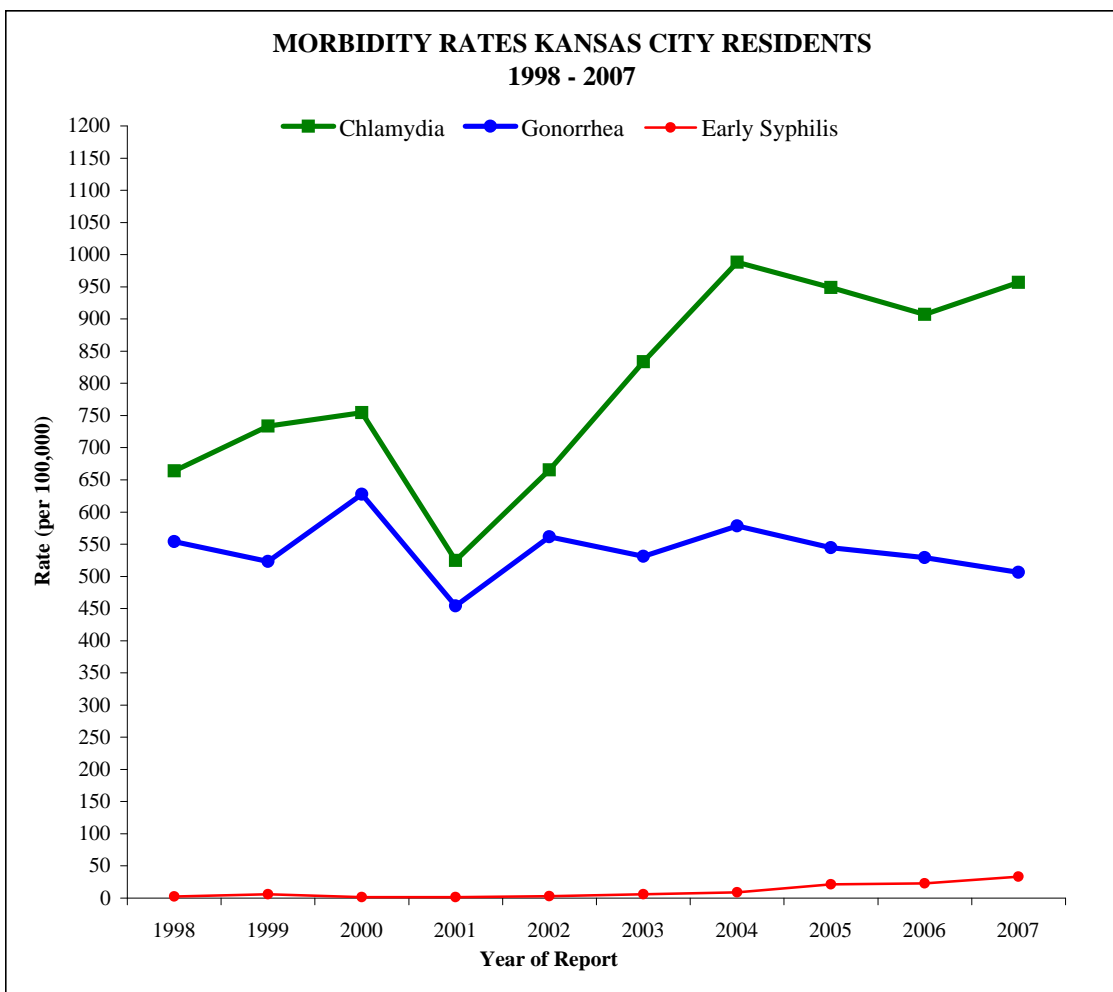
SEXUALLY TRANSMITTED DISEASE CLINIC ATTENDANCE BY YEAR AND MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1998	954	889	1,055	882	895	1,008	1,067	962	978	980	851	860	11,381
1999	831	779	947	889	828	954	1,079	1,069	1,074	1,090	995	979	11,514
2000	921	922	1,090	918	1,027	1,038	1,056	1,126	994	991	834	798	11,715
2001	1,083	812	1,083	900	1,108	1,025	1,134	1,102	851	1,034	897	841	11,870
2002	1,067	795	827	766	637	865	1,071	1,048	847	846	610	740	10,119
2003	589	536	631	659	840	694	765	688	715	818	675	695	8,305
2004	897	715	929	896	826	845	959	837	913	803	817	803	10,240
2005	855	769	1006	839	979	1060	928	1125	1009	925	816	771	11,082
2006	787	684	707	577	751	786	711	973	796	770	681	711	8,934
2007	858	784	984	892	923	888	893	952	848	1047	817	785	10,671



SEXUALLY TRANSMITTED DISEASE MORBIDITY RATES BY INFECTION KANSAS CITY RESIDENTS

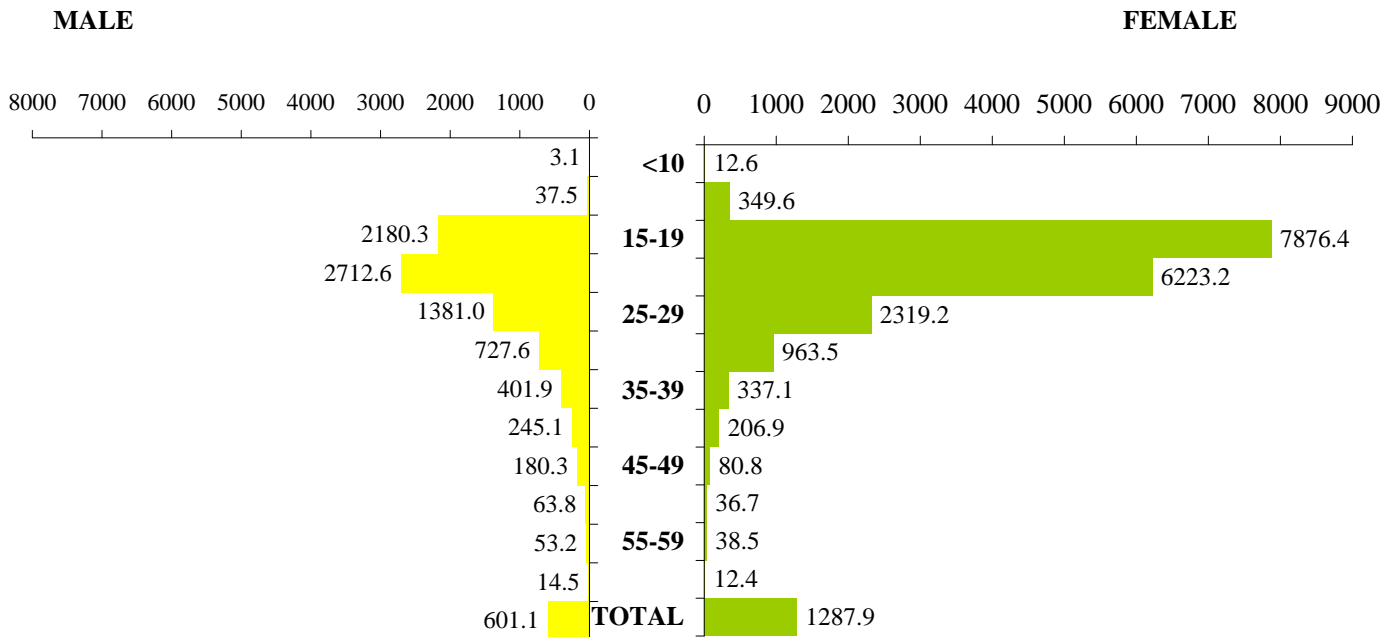
Report Year	Chlamydia		Gonorrhea		Early Syphilis	
	Cases	Rate	Cases	Rate	Cases	Rate
1998	2,924	664.1	2,440	554.2	12	2.7
1999	3,234	733.5	2,306	523.0	27	6.1
2000	3,330	754.2	2,772	627.8	6	1.4
2001	2,323	524.6	2,010	453.9	7	1.6
2002	2,951	665.3	2,491	561.6	14	3.2
2003	3,695	833.3	2,356	531.3	27	6.1
2004	4,385	988.2	2,567	578.5	40	9.0
2005	4,215	948.6	2,420	544.6	94	21.2
2006	4,057	907.0	2,366	528.9	103	23.0
2007	4,279	956.6	2,264	506.1	148	33.1



**REPORTED CHLAMYDIA BY AGE, RACE AND SEX
KANSAS CITY RESIDENTS
2007**

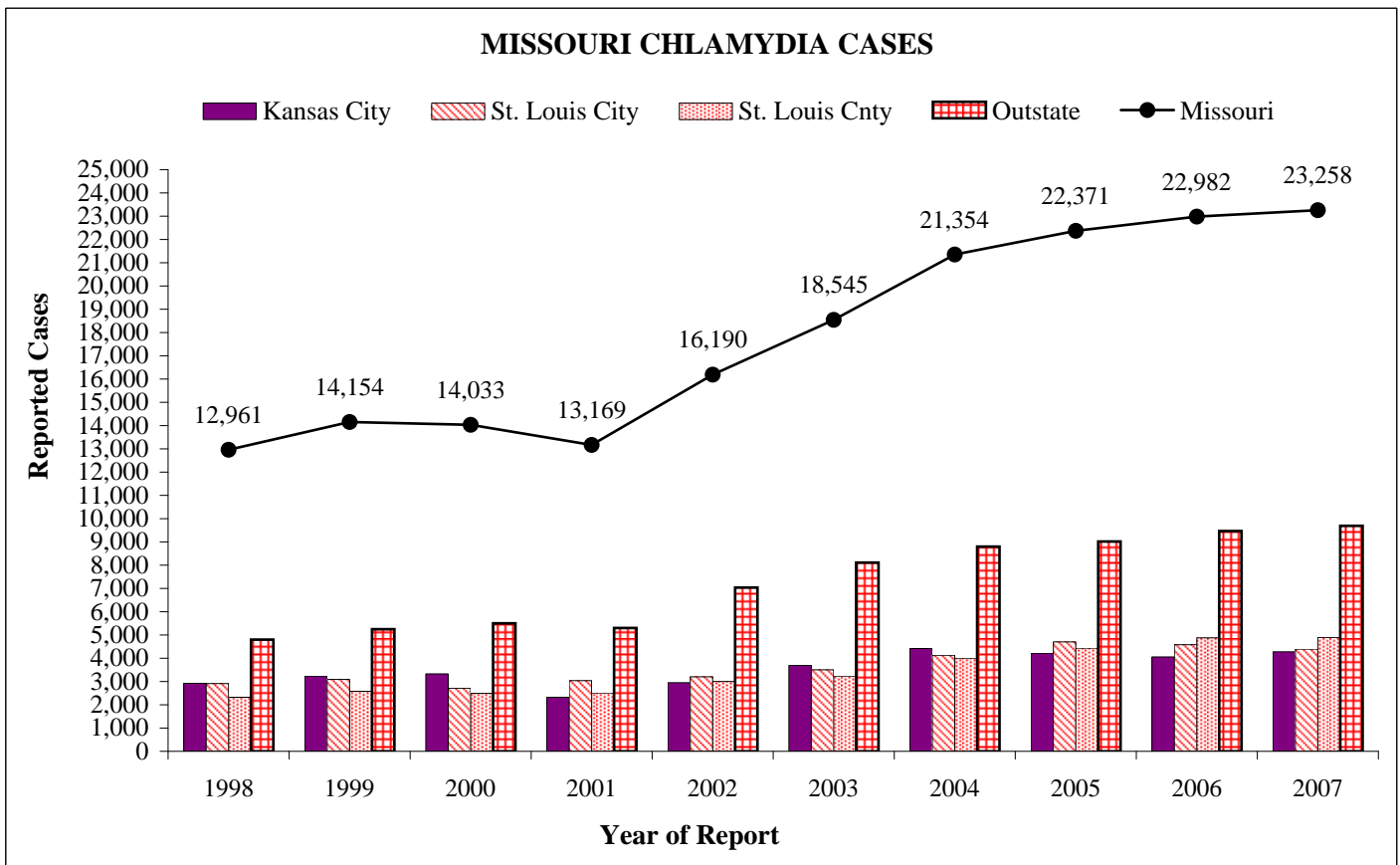
Age	Male						Age Sub Total	Female						Age Sub Total	Age Total
	Nat Amer.	Asian	Hisp	Black	Unk	White		Nat Amer.	Asian	Hisp	Black	Unk	White		
0 >10	0	0	0	1	0	0	1	0	0	0	2	1	1	4	5
10--14	0	0	0	2	4	0	6	0	2	3	32	10	6	53	59
15--19	0	4	9	237	44	28	322	5	6	30	771	200	143	1,155	1,477
20--24	1	4	5	331	31	48	420	3	3	41	623	178	180	1,028	1,448
25--29	0	3	7	173	26	49	258	0	0	21	262	76	85	444	702
30--34	0	0	2	98	14	16	130	0	1	11	96	20	42	170	300
35--39	0	0	1	60	6	7	74	0	1	2	35	12	12	62	136
40--44	0	0	1	34	2	6	43	0	0	2	25	2	8	37	80
45--49	1	0	2	21	1	2	27	0	1	1	6	3	2	13	40
50--54	0	0	0	8	0	0	8	0	0	0	4	1	0	5	13
55--59	0	0	1	3	1	0	5	0	0	0	2	2	0	4	9
60+	0	0	1	2	0	1	4	0	0	0	1	0	0	1	5
UNK	0	0	0	0	1	0	1	0	0	0	0	3	1	4	5
Total	2	11	29	970	130	157	1,299	8	14	111	1,859	508	480	2,980	4,279

**AGE-AND SEX-SPECIFIC RATES:
RATE (PER 100,000 POPULATION)**



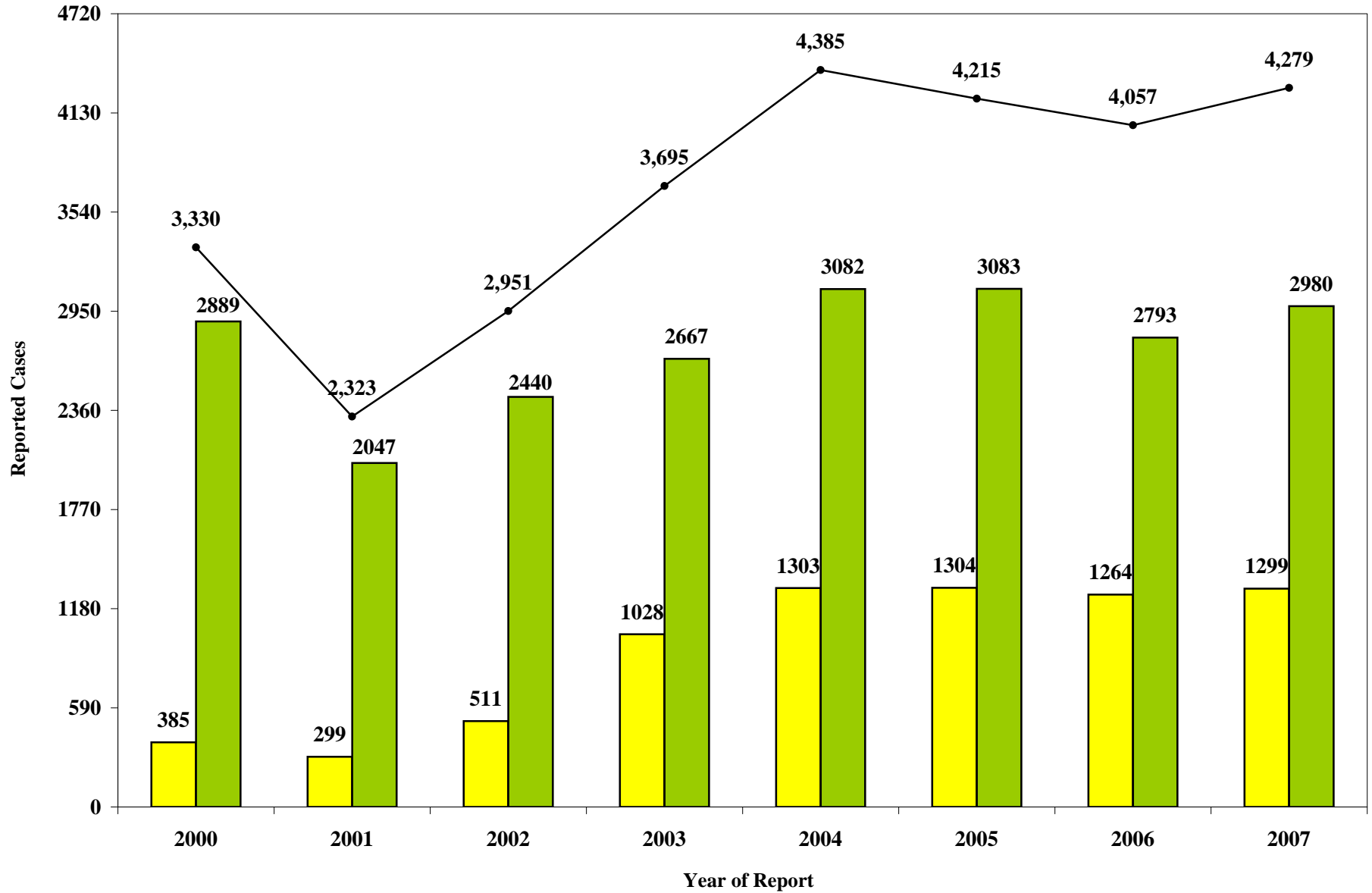
**MISSOURI PROFILE SUMMARY
REPORTED CHLAMYDIA CASES BY GEOGRAPHIC AREA**

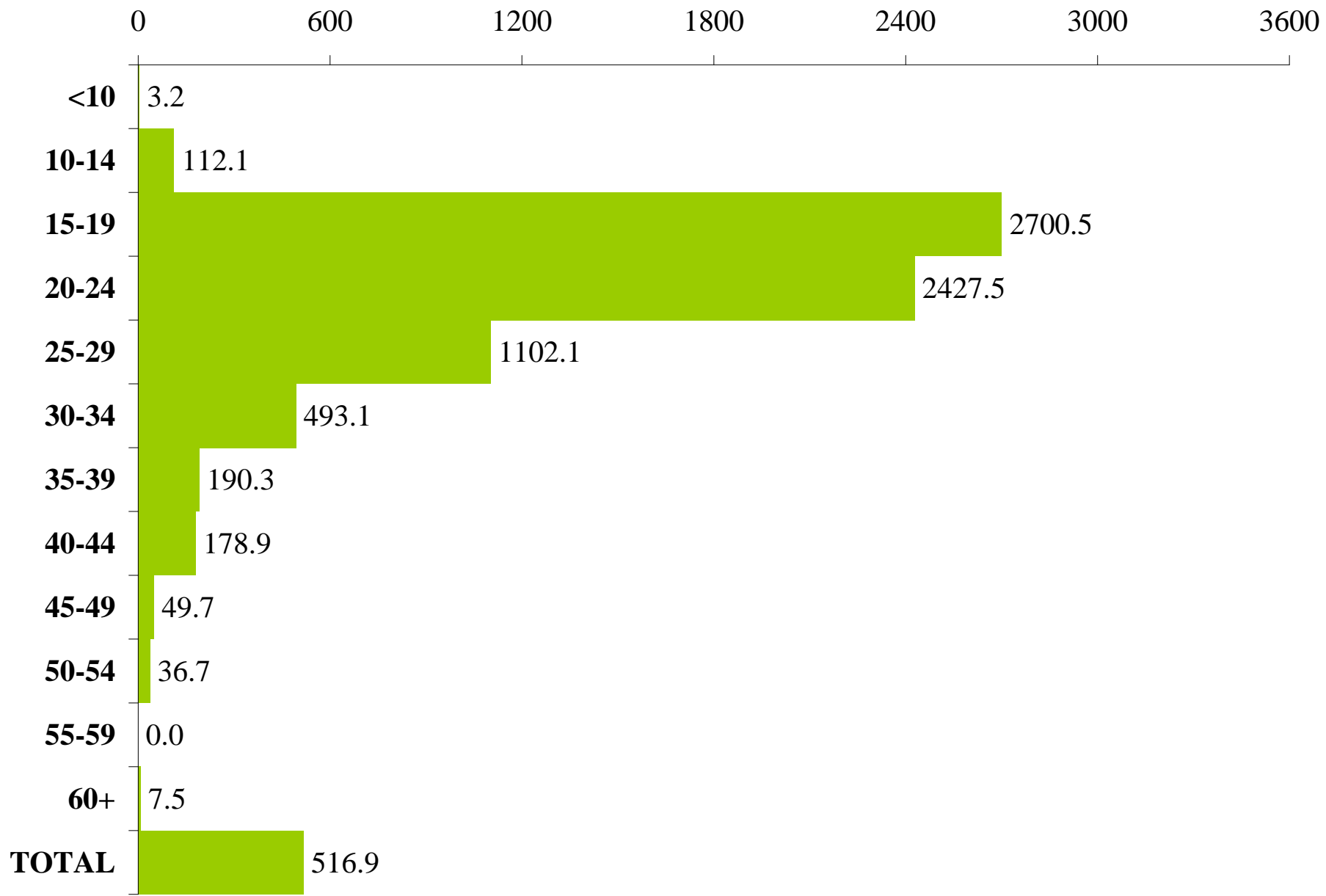
Year	Kansas City	St. Louis City	St. Louis Cnty	Outstate	Missouri
1998	2,924	2,911	2,324	4,802	12,961
1999	3,234	3,090	2,581	5,249	14,154
2000	3,330	2,712	2,490	5,501	14,033
2001	2,323	3,037	2,509	5,300	13,169
2002	2,951	3,202	3,000	7,037	16,190
2003	3,695	3,502	3,235	8,113	18,545
2004	4,420	4,130	4,005	8,799	21,354
2005	4,215	4,703	4,436	9,017	22,371
2006	4,057	4,581	4,876	9,468	22,982
2007	4,279	4,393	4,894	9,692	23,258



REPORTED CHLAMYDIA CASES BY GENDER AND YEAR KANSAS CITY RESIDENTS

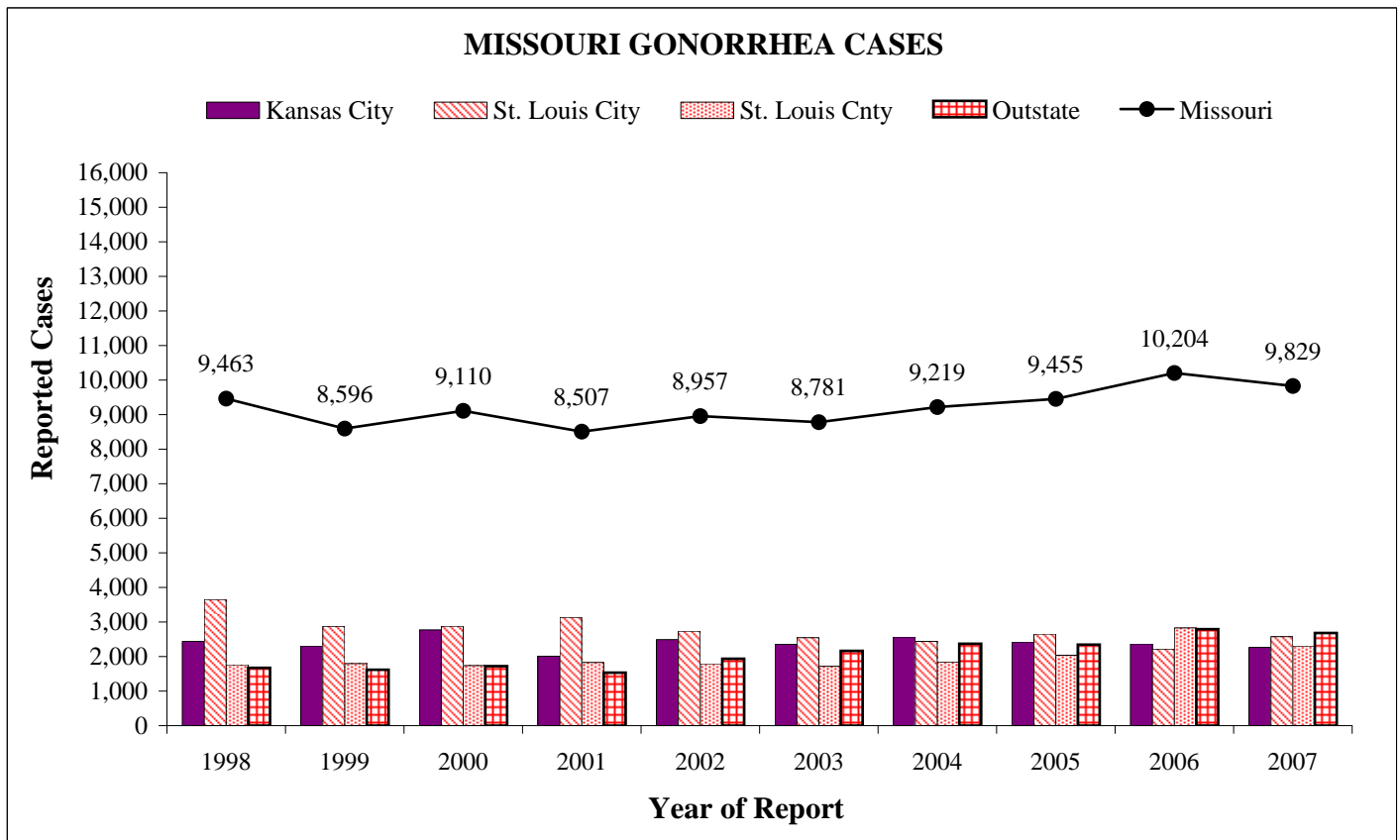
Male Female Total Cases





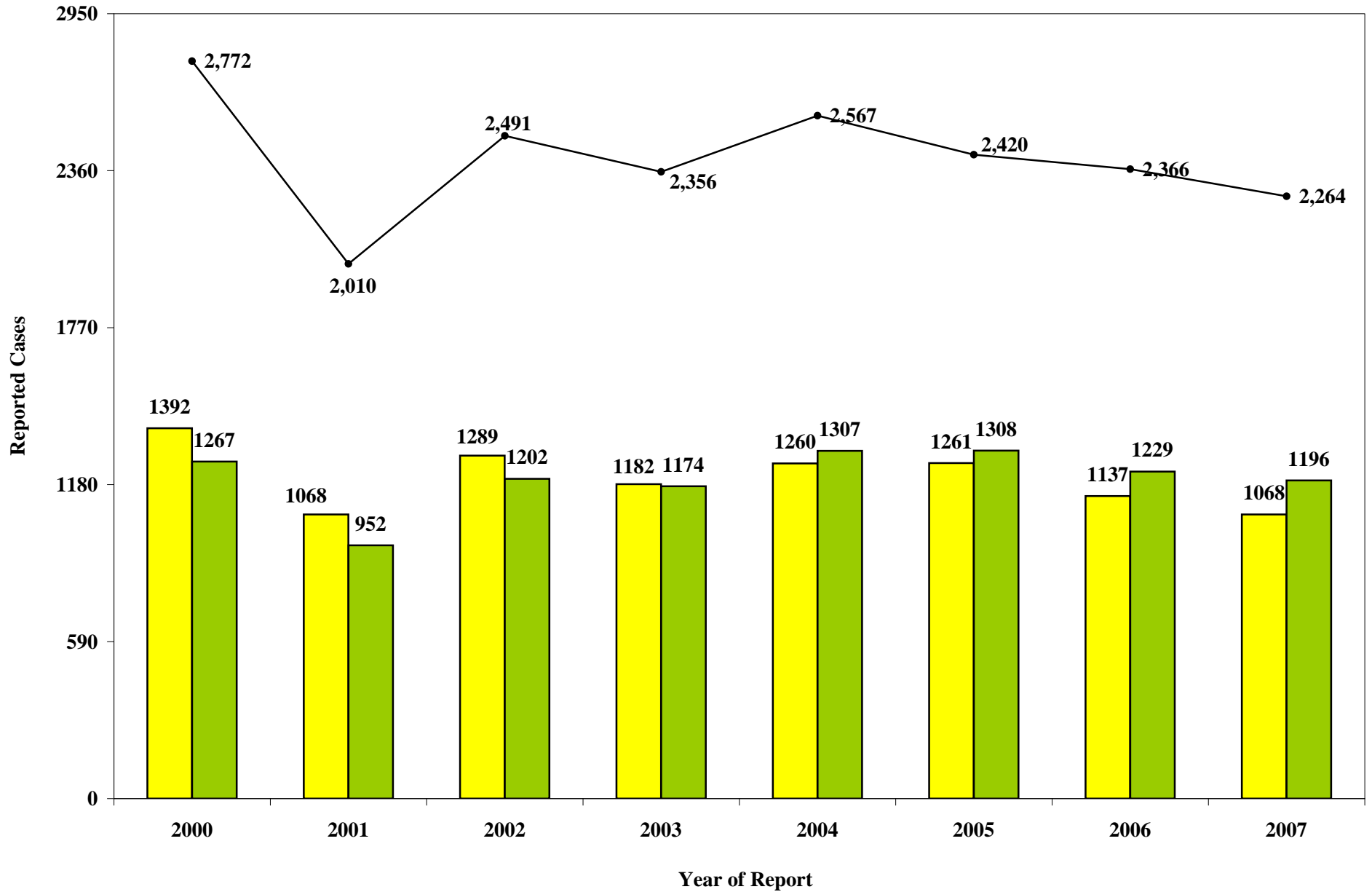
**MISSOURI PROFILE SUMMARY
REPORTED GONORRHEA CASES BY GEOGRAPHIC AREA**

Year	Kansas City	St. Louis City	St. Louis Cnty	Outstate	Missouri
1998	2,440	3,652	1,764	1,672	9,463
1999	2,306	2,876	1,797	1,617	8,596
2000	2,772	2,879	1,738	1,721	9,110
2001	2,010	3,135	1,829	1,533	8,507
2002	2,491	2,737	1,793	1,936	8,957
2003	2,356	2,545	1,717	2,163	8,781
2004	2,567	2,440	1,843	2,369	9,219
2005	2,420	2,653	2,038	2,344	9,455
2006	2,366	2,218	2,828	2,792	10,204
2007	2,264	2,576	2,307	2,682	9,829

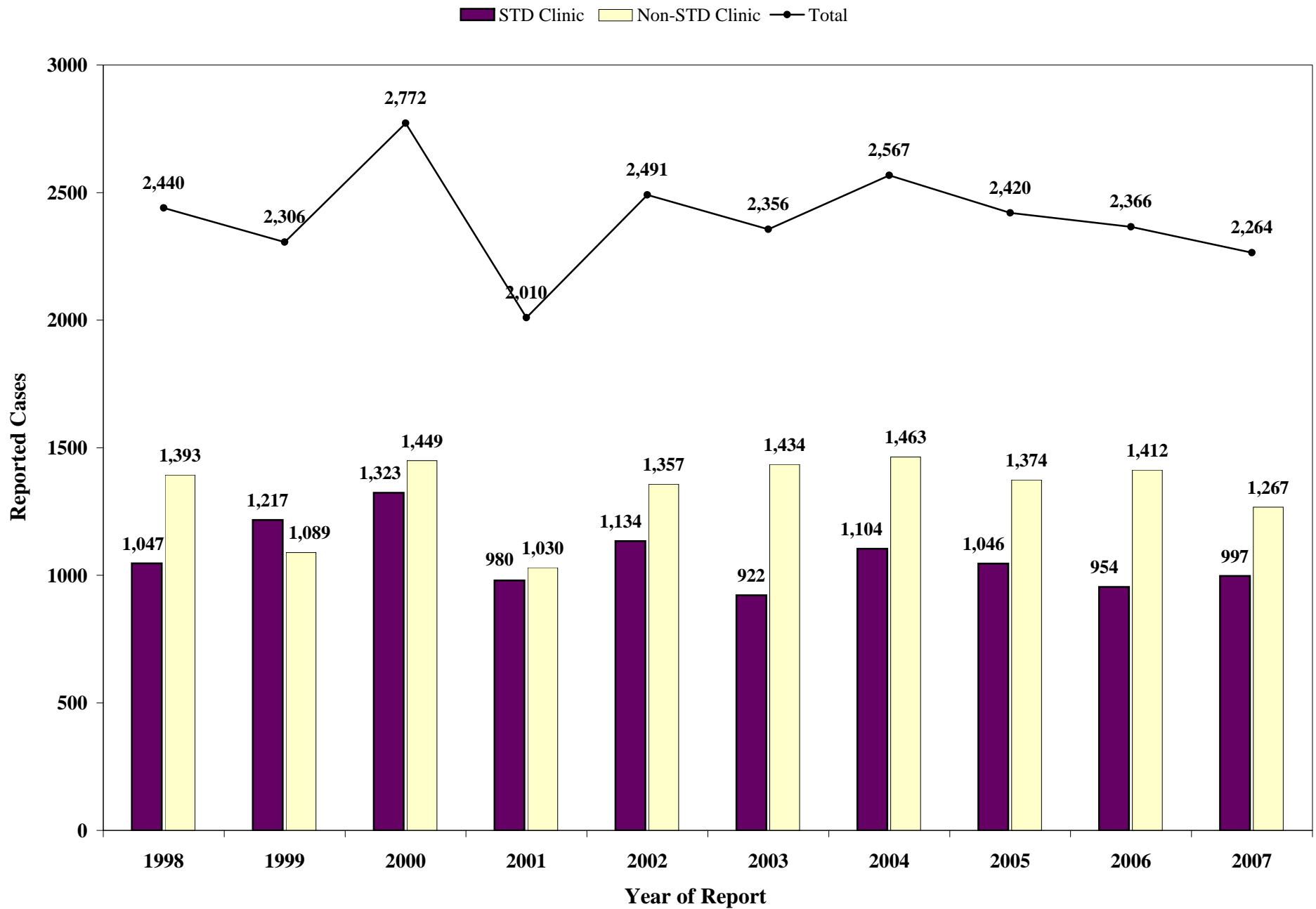


**REPORTED GONORRHEA BY GENDER AND YEAR
KANSAS CITY RESIDENTS**

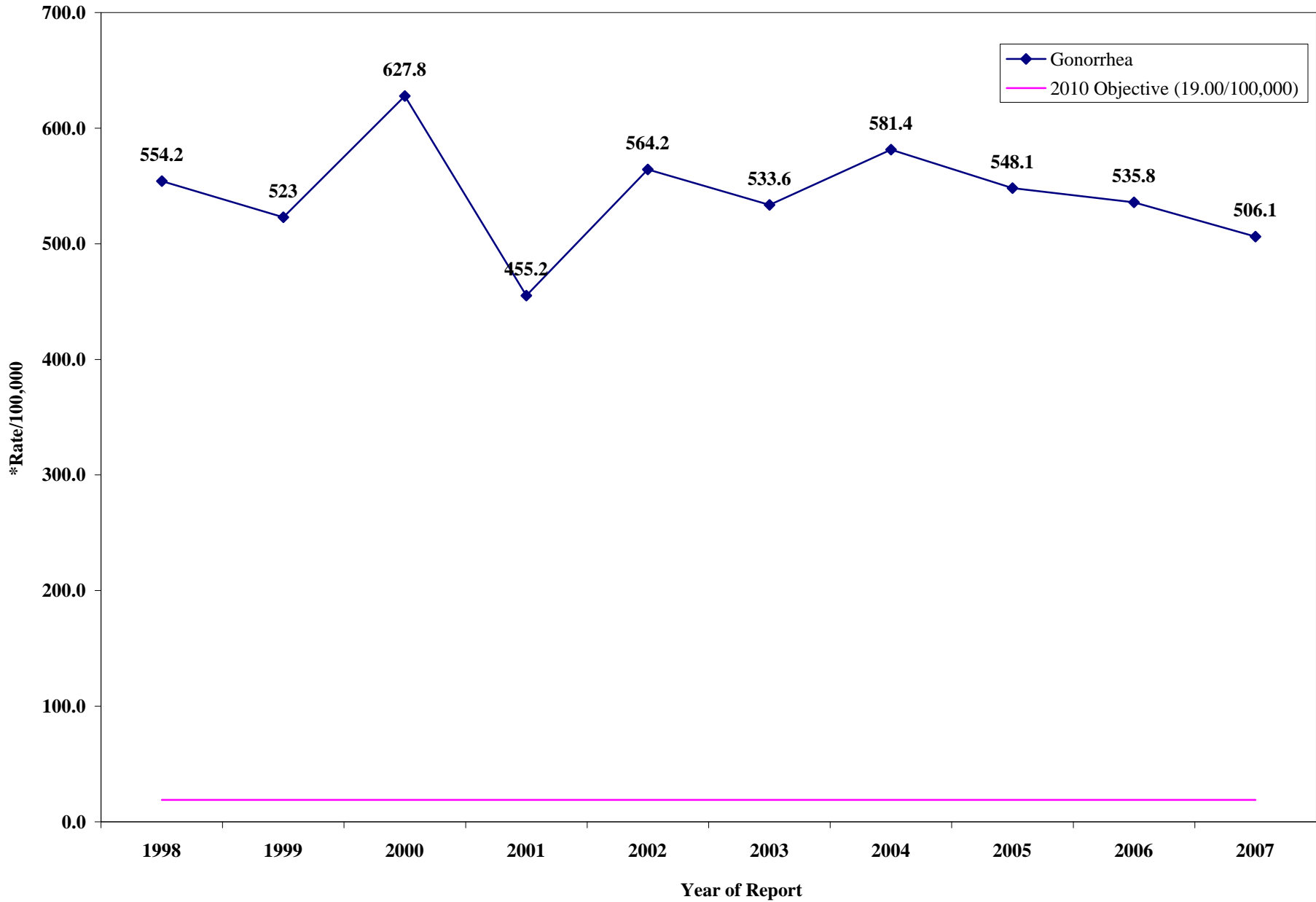
Male Female Total Cases



GONORRHEA MORBIDITY BY REPORTING SOURCE AND YEAR KANSAS CITY RESIDENTS



**GONORRHEA RATES OF INFECTION
KANSAS CITY RESIDENTS
1998 - 2007**

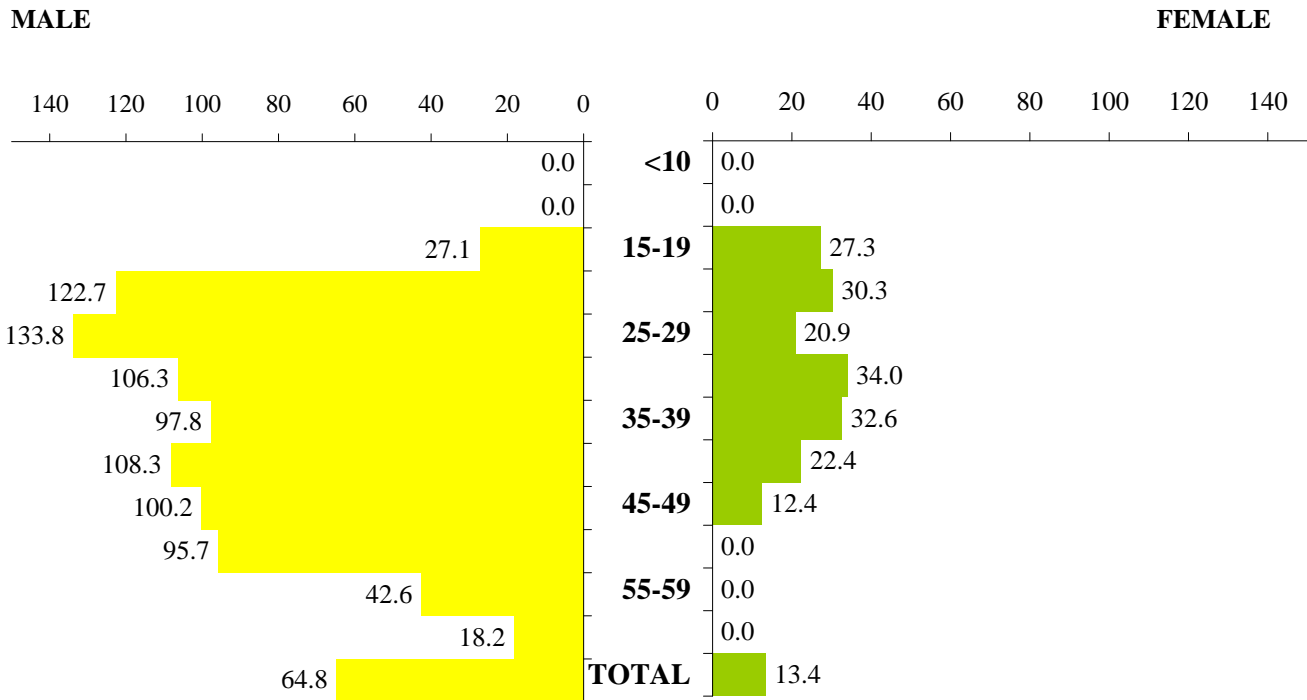


*BASED ON ESTIMATED 2006 POPULATION

**REPORTED SYPHILIS MORBIDITY BY AGE, DIAGNOSIS AND SEX
KANSAS CITY RESIDENTS
2007**

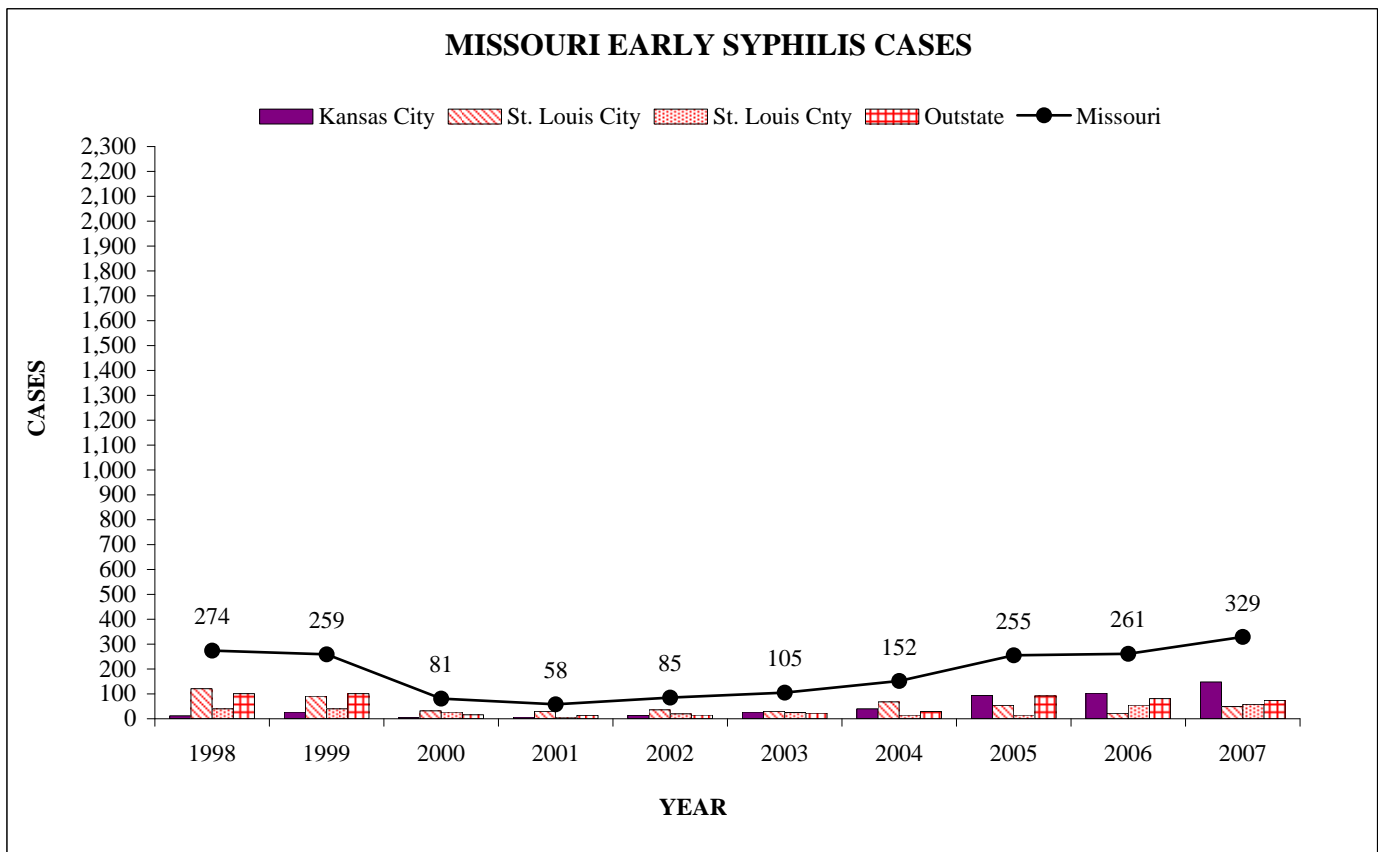
Age	Male							Age Sub Total	Female							Age Sub Total	Total
	Pri	Sec	Early Latent	Latent Unk D	Late Latent	Neuro	Pri		Sec	Early Latent	Latent Unk D	Late Latent	Neuro				
0 >10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10--14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
15--19	1	2	1	0	0	0	4	0	3	1	0	0	0	4	8		
20--24	9	5	5	0	0	0	19	1	1	2	0	1	0	5	24		
25--29	10	6	6	1	2	0	25	0	2	1	0	1	0	4	29		
30--34	11	3	3	1	1	0	19	0	3	1	1	1	0	6	25		
35--39	7	3	7	0	1	0	18	0	0	4	1	1	0	6	24		
40--44	8	7	3	0	1	0	19	0	2	2	0	0	0	4	23		
45--49	2	4	7	0	2	0	15	0	1	1	0	0	0	2	17		
50--54	6	2	2	0	2	0	12	0	0	0	0	0	0	0	12		
55--59	0	1	0	0	3	0	4	0	0	0	0	0	0	0	4		
60+	1	1	0	0	3	0	5	0	0	0	0	0	0	0	5		
Total	55	34	34	2	15	0	140	1	12	12	2	4	0	31	171		

**AGE-AND SEX-SPECIFIC RATES:
RATE (PER 100,000 POPULATION)**

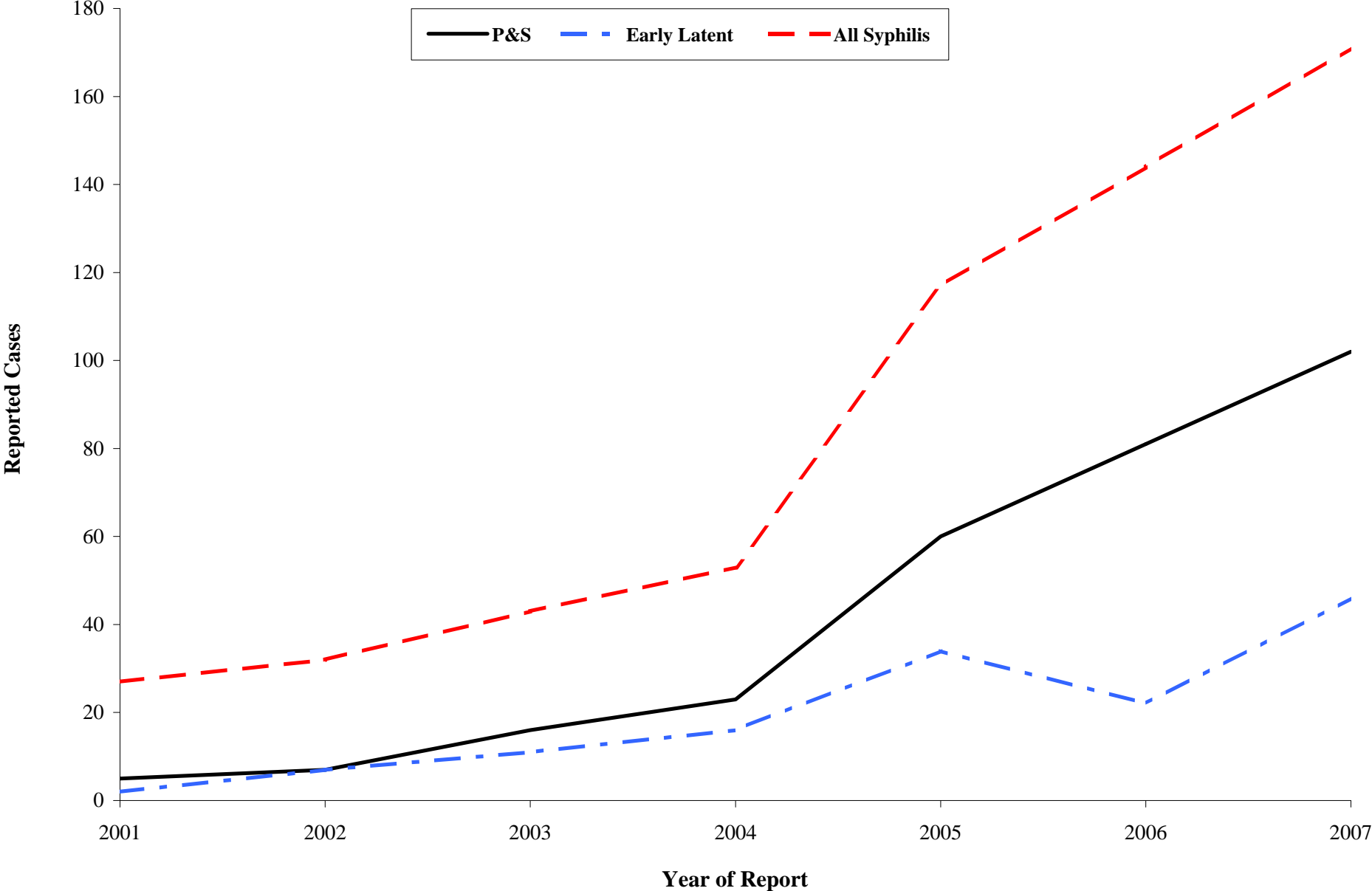


**MISSOURI PROFILE SUMMARY
REPORTED EARLY SYPHILIS CASES BY GEOGRAPHIC AREA**

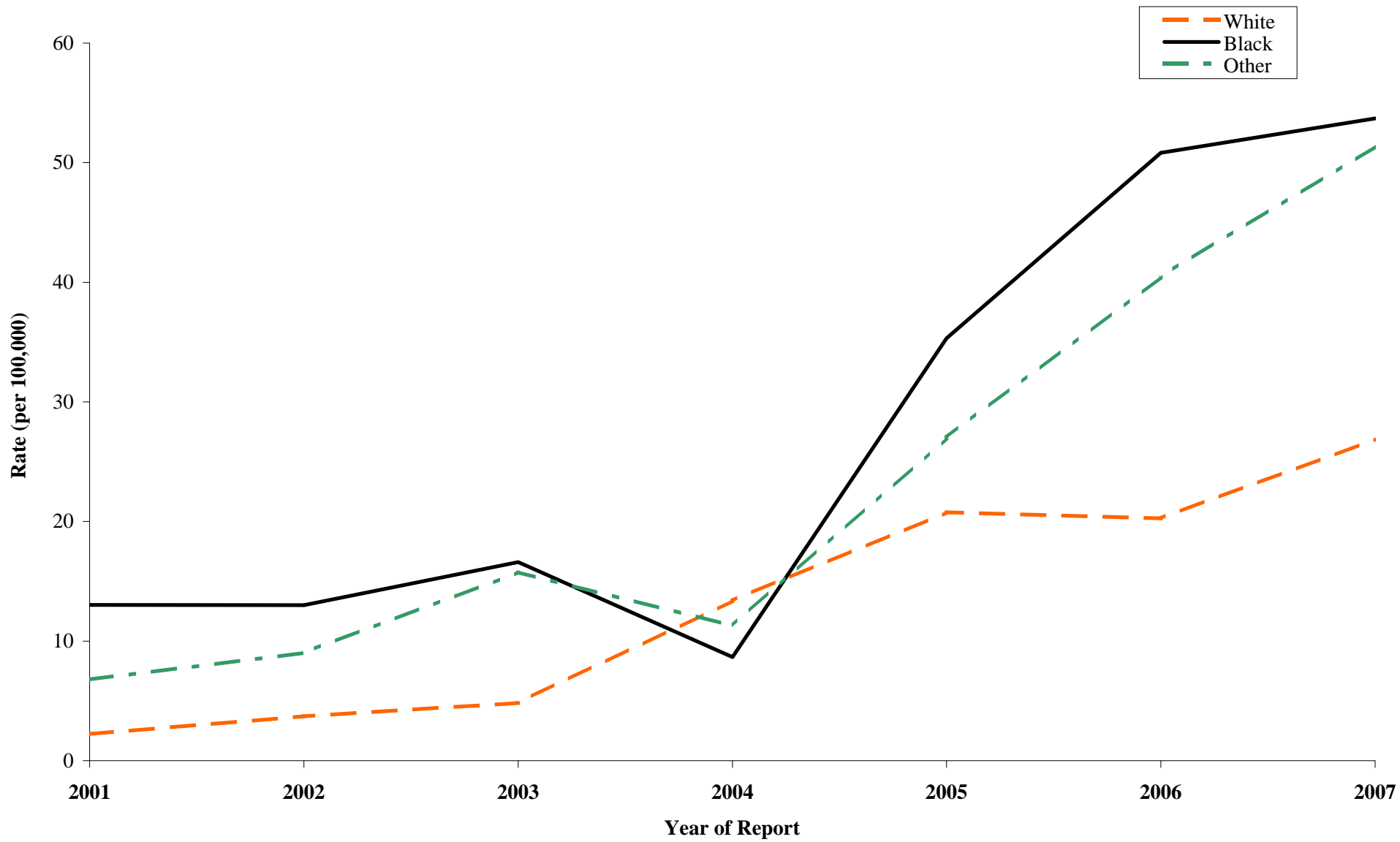
Year	Kansas City	St. Louis City	St. Louis Cnty	Outstate	Missouri
1998	12	121	40	101	274
1999	27	91	40	101	259
2000	6	32	27	16	81
2001	7	30	7	14	58
2002	14	36	20	15	85
2003	27	30	25	23	105
2004	40	68	15	29	152
2005	94	54	15	92	255
2006	103	22	55	81	261
2007	148	49	58	74	329



Syphilis - Reported cases by Stage of Infection: Kansas City, Missouri 2001-2007



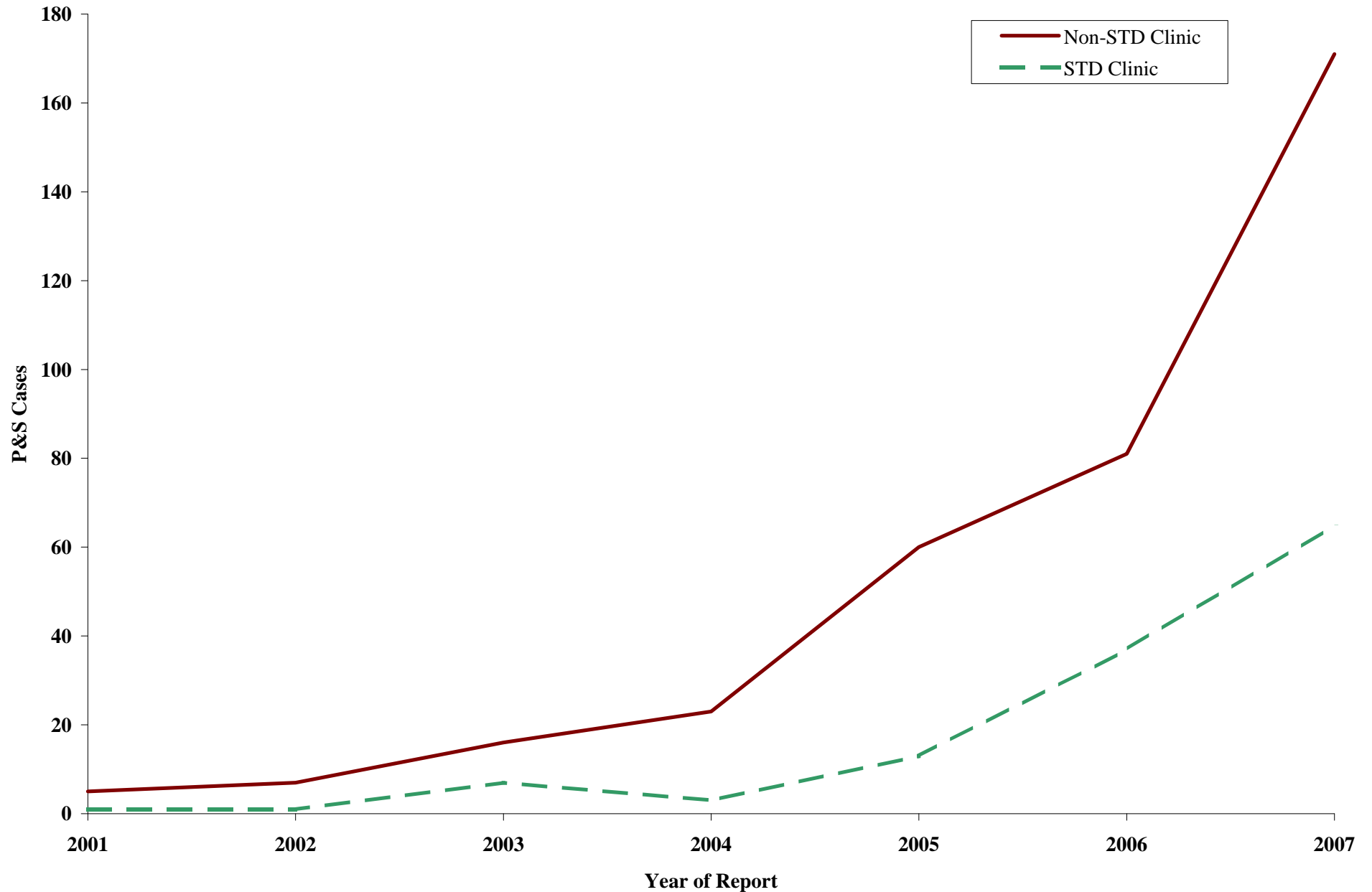
Total Syphilis Cases - Rates by Race : Kansas City, MO, 2001-2007



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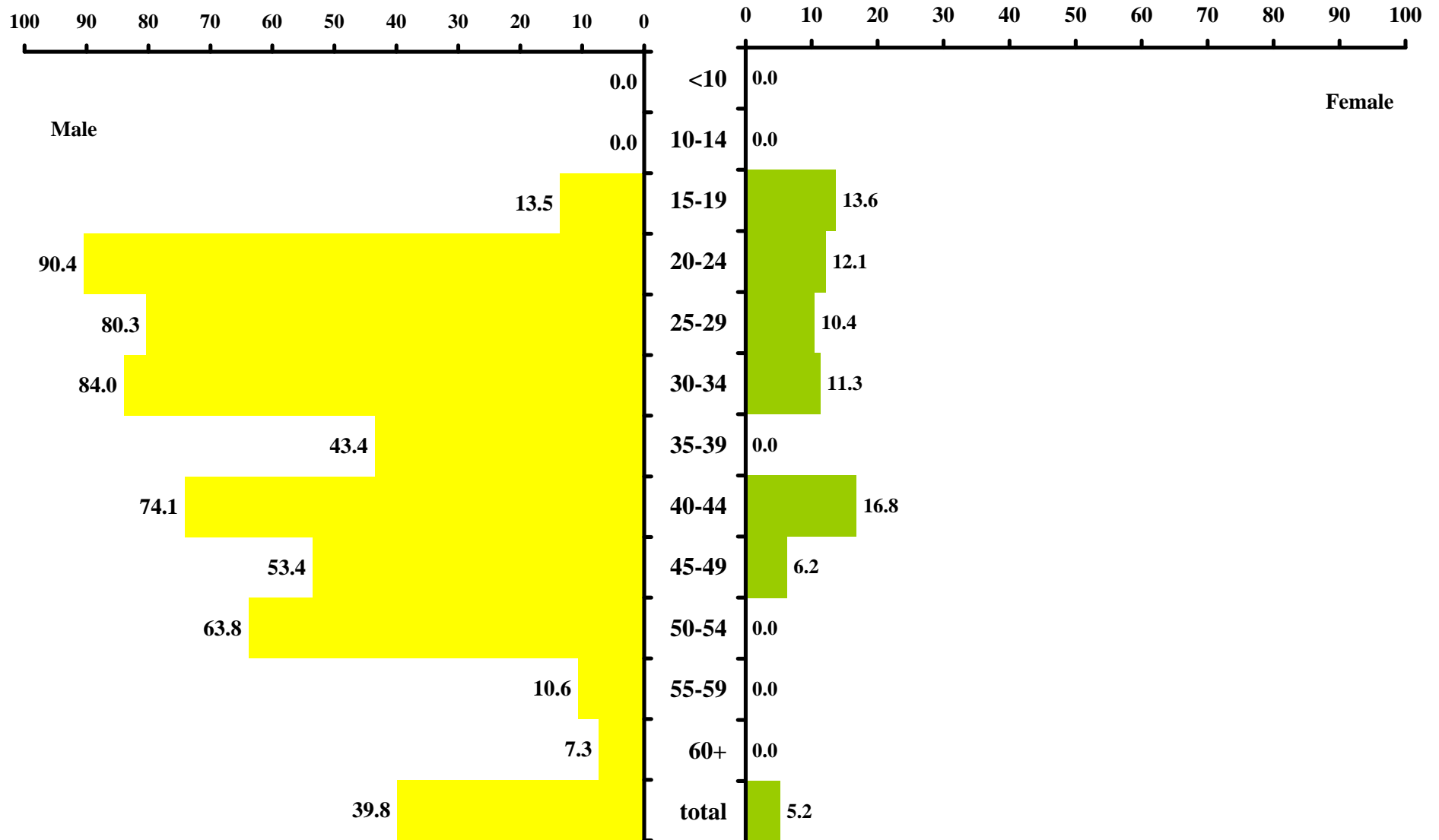
*BASED ON ESTIMATED 2006 CENSUS DATA

Primary and Secondary Syphilis - Reported cases by Reporting Source : Kansas City, MO, 2001-2007



Primary & Secondary Syphilis - Age-and sex-specific rates : Kansas City, MO 2007

Rate (per 100,000 population)



**PRIMARY & SECONDARY RATES OF INFECTION
KANSAS CITY RESIDENTS
1993-2007**

