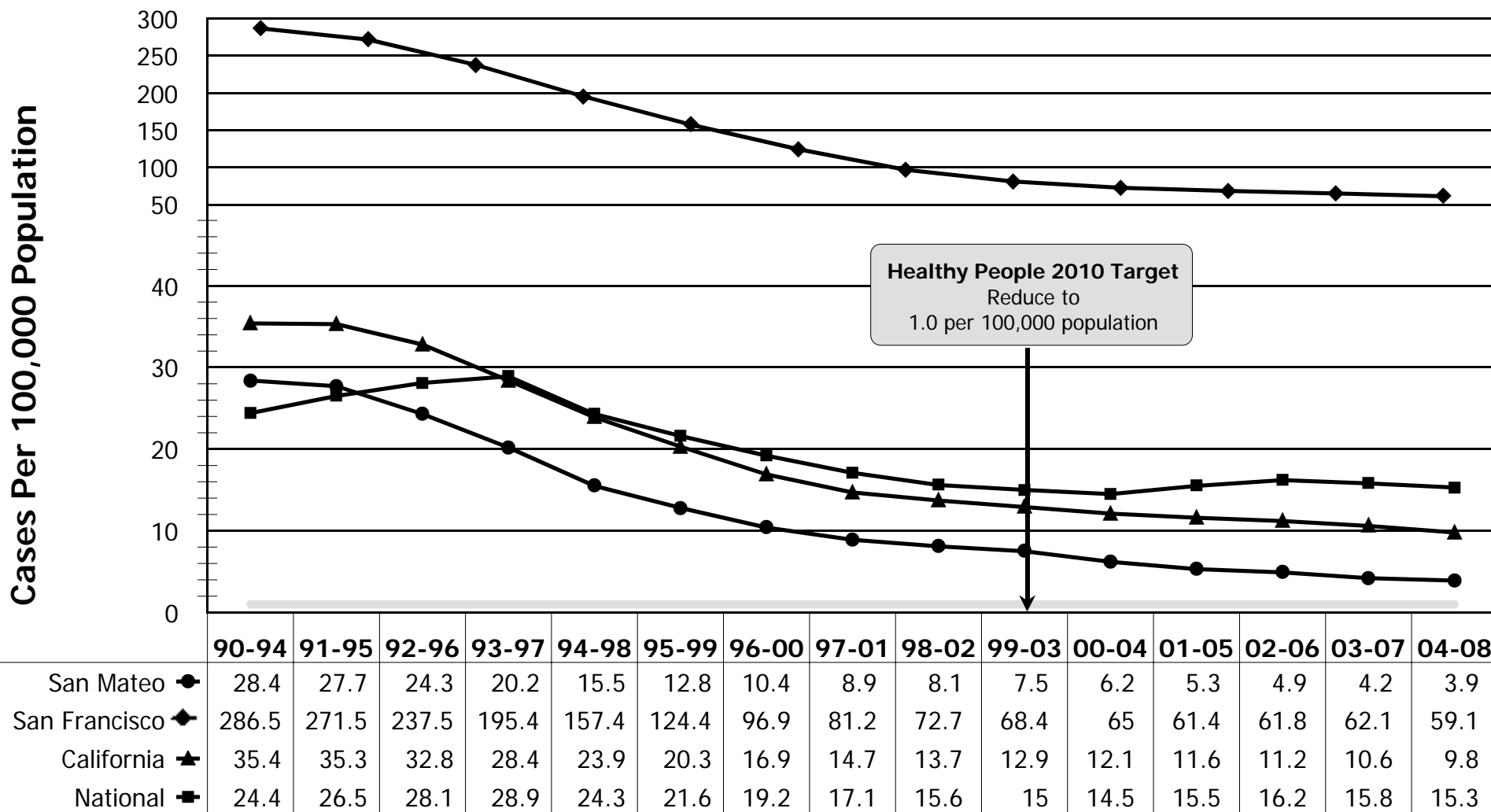


# Comparison of Annual AIDS Incidence Rates

5-Year Moving Averages, San Mateo and San Francisco Counties, California and National, 1990-2008



\* National data for 2005 were not available at press time.  
Rates are unadjusted.

Sources: San Mateo County: HIV/AIDS Reporting System (HARS).

San Francisco: San Francisco Department of Public Health. AIDS Quarterly Surveillance Report, Summary of San Francisco Residents with AIDS. Reported as of 09/30/06. Available online at: [www.dph.sf.ca.us/PHP/AIDSSurvUnit.htm](http://www.dph.sf.ca.us/PHP/AIDSSurvUnit.htm).

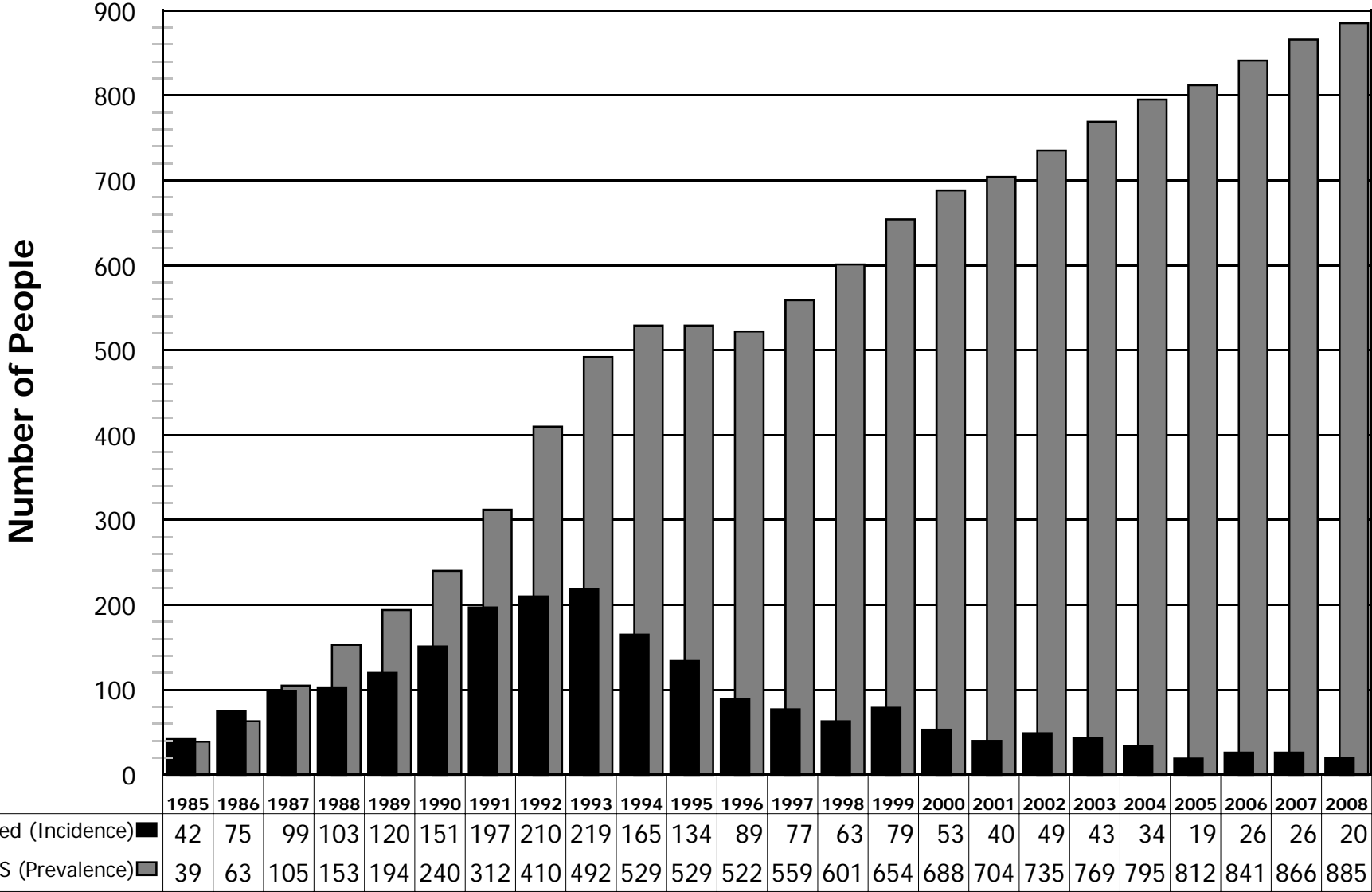
California: California AIDS Surveillance Report, Cumulative Cases as Of December 31, 2008. Available online at: [www.dhs.ca.gov/AIDS/Statistics/](http://www.dhs.ca.gov/AIDS/Statistics/).

National: U.S. CDC. HIV/AIDS Surveillance Report, 2008. Atlanta: US Department of Health and Human Services, Centers for Disease Control and Prevention; 2008. Available at: <http://www.cdc.gov/hiv/stats/hasrlink.htm>.

Population: U.S. Census Bureau, Population Estimates Program. GCT-T1-R. 2005 Population Estimates, California -- County. Available online at: [factfinder.census.gov](http://factfinder.census.gov).

# Incidence and Prevalence of AIDS by Year

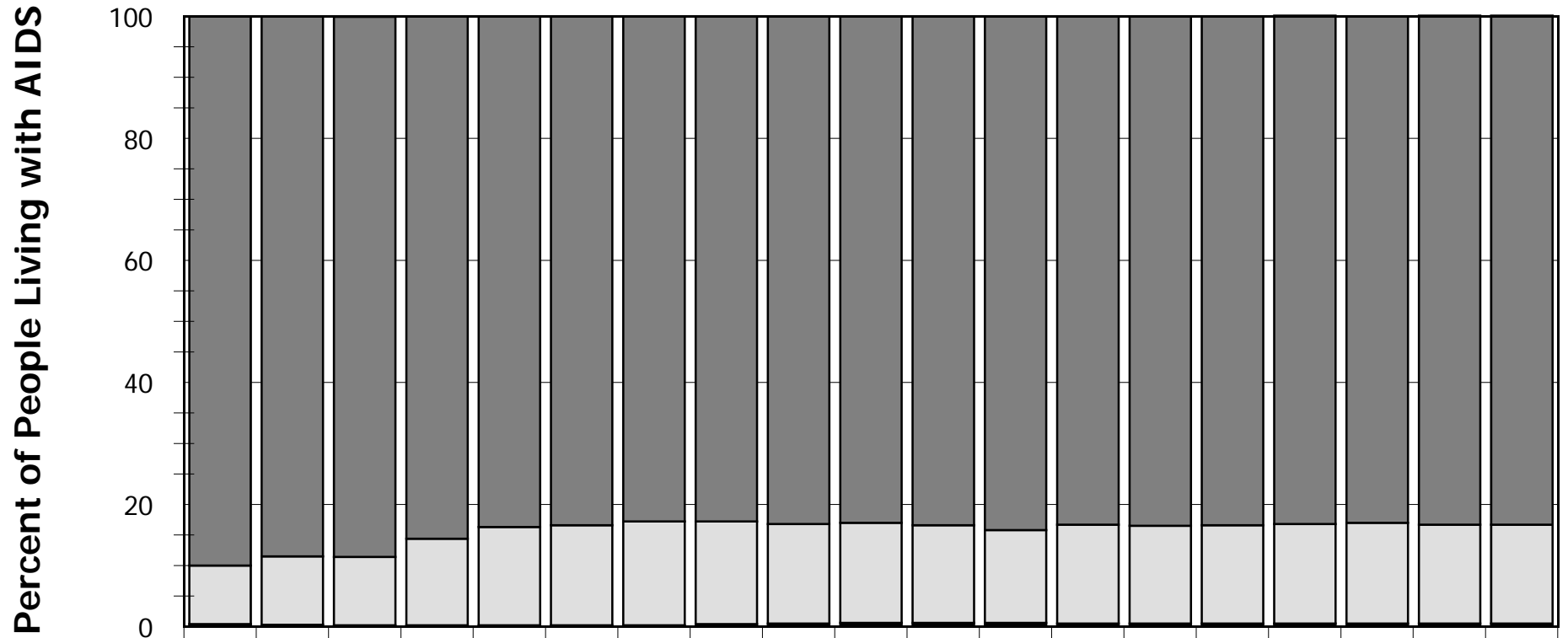
San Mateo County, 1985-2008



Source Data: San Mateo County Health Department, HIV/AIDS Reporting System (HARS)

# People Living with AIDS, by Gender

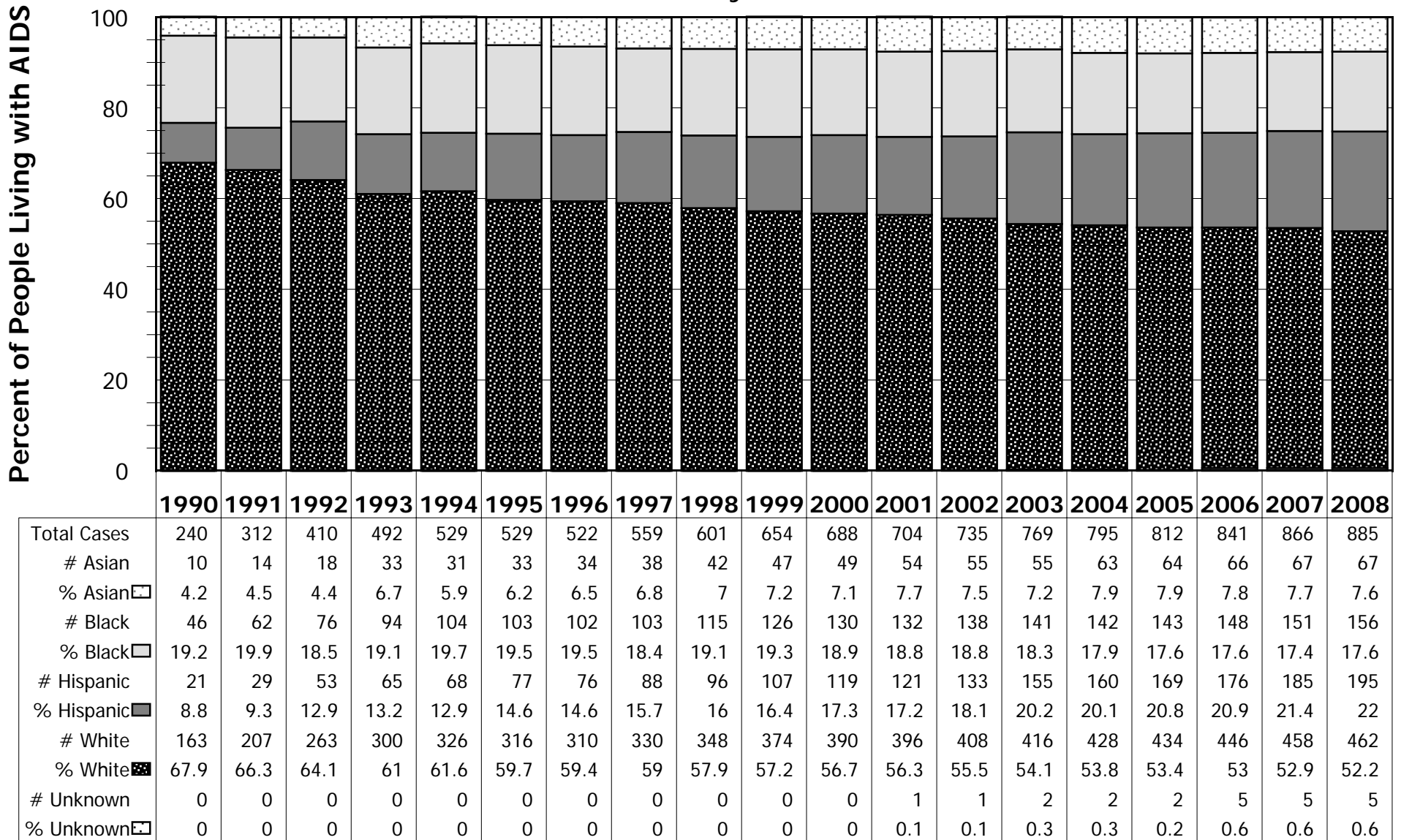
## San Mateo County, 1990-2008



	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total Cases	240	312	410	492	529	529	522	559	601	654	688	704	735	769	795	812	841	866	885
# Male	216	276	363	421	443	441	432	463	500	543	574	593	612	642	663	676	698	722	738
% Male <span style="display: inline-block; width: 10px; height: 10px; background-color: gray; border: 1px solid black;"></span>	90	88.5	88.5	85.6	83.7	83.4	82.8	82.8	83.2	83	83.4	84.2	83.3	83.5	83.4	83.3	83	83.4	83.4
# Female	23	35	46	70	85	87	89	94	98	107	110	107	119	123	128	132	139	140	143
% Female <span style="display: inline-block; width: 10px; height: 10px; background-color: lightgray; border: 1px solid black;"></span>	9.6	11.2	11.2	14.2	16.1	16.4	17	16.8	16.3	16.4	16	15.2	16.2	16	16.1	16.3	16.5	16.2	16.2
# Transgender	1	1	1	1	1	1	1	2	3	4	4	4	4	4	4	4	4	4	4
% Transgender <span style="display: inline-block; width: 10px; height: 10px; background-color: black; border: 1px solid black;"></span>	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.5	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5

# People Living with AIDS, by Race/Ethnicity

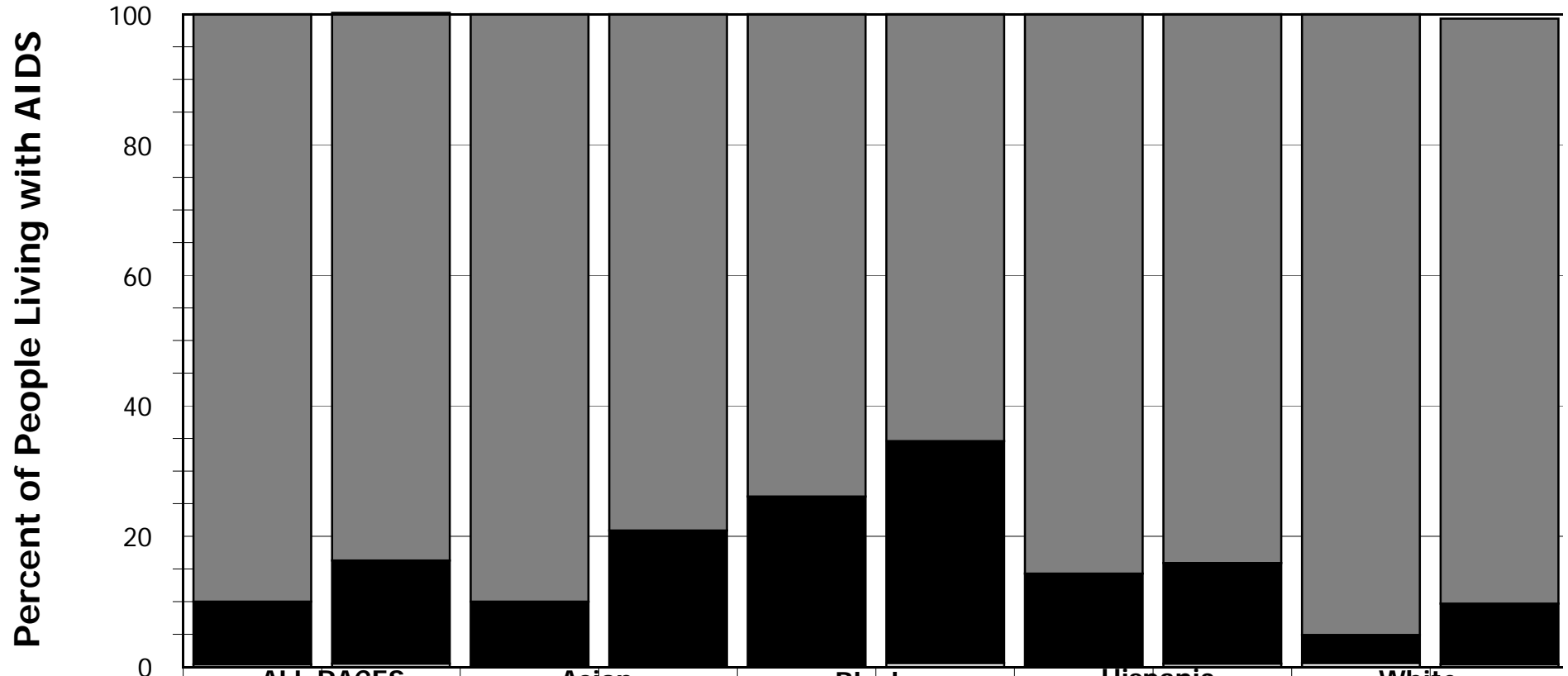
## San Mateo County, 1990-2008



Source Data: San Mateo County Health Department, HIV/AIDS Reporting System (HARS)

# People Living with AIDS, by Gender within Race/Ethnicity

San Mateo County, 1990 & 2008

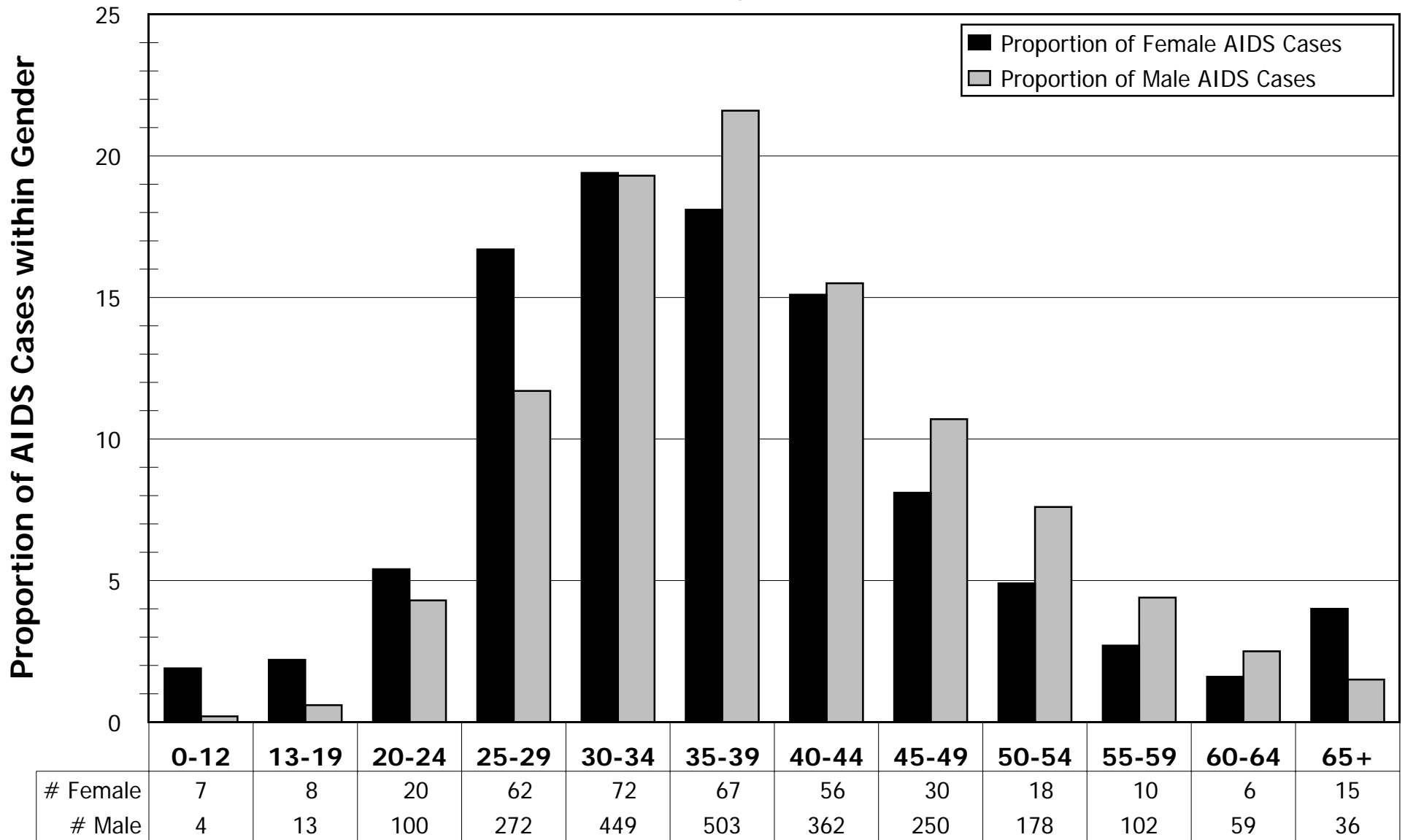


	ALL RACES		Asian		Black		Hispanic		White	
	1990	2008	1990	2008	1990	2008	1990	2008	1990	2008
Total Cases	240	885	10	67	46	156	21	195	163	462
# Male	216	738	9	53	34	102	18	164	155	414
% Male	90	83.9	90	79.1	73.9	65.4	85.7	84.1	95.1	89.6
# Female	23	140	1	14	12	53	3	30	7	43
% Female	9.6	15.8	10	20.9	26.1	34	14.3	15.4	4.3	9.3
# Transgender	1	4	0	0	0	1	0	1	1	2
% Transgender	0.4	0.5	0	0	0	0.6	0	0.5	0.6	0.4

Source Data: San Mateo County Health Department, HIV/AIDS Reporting System (HARS)

# Cumulative AIDS Cases, by Gender and Age

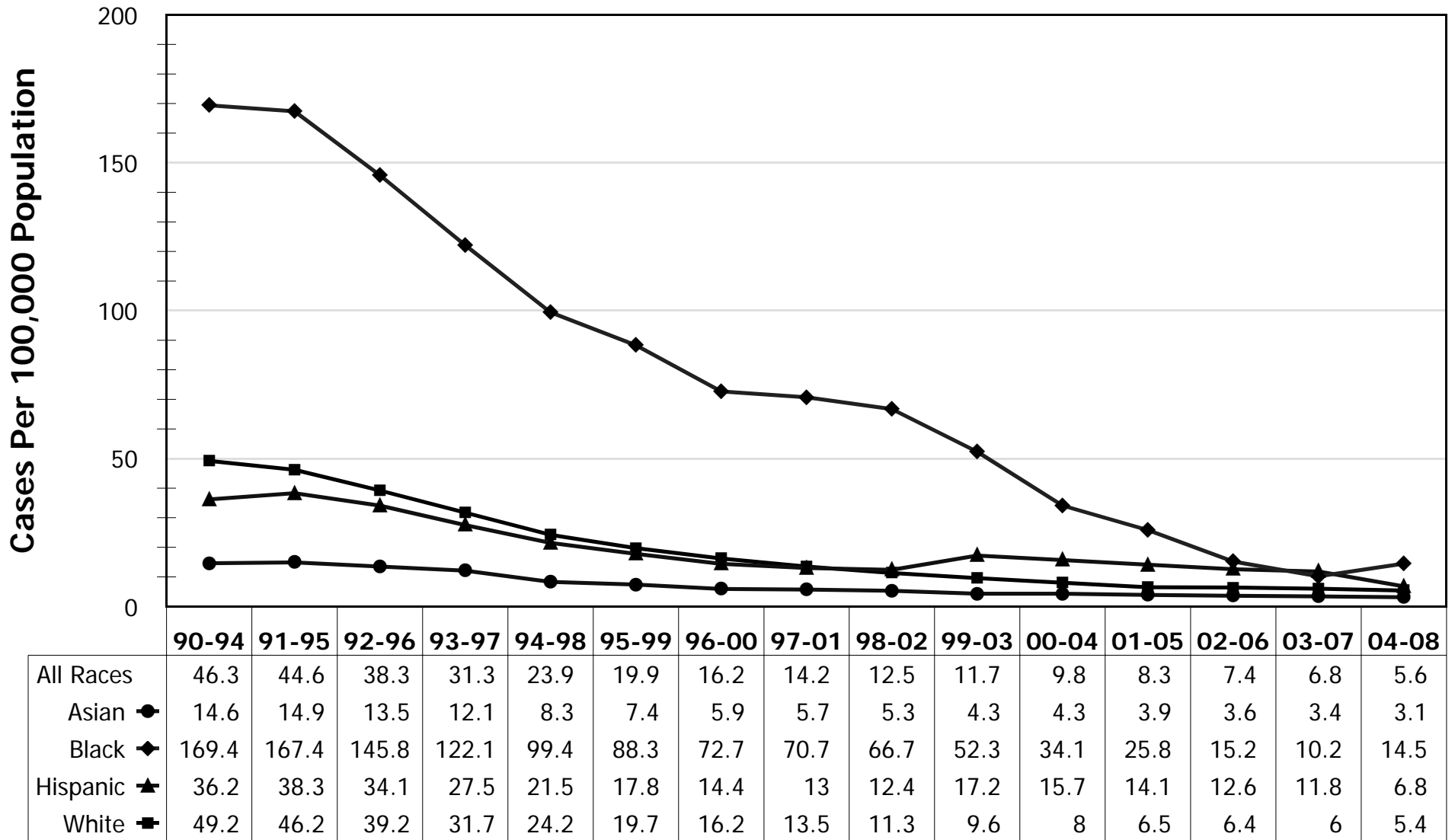
San Mateo County, 1980-2008



Source Data: San Mateo County Health Department, HIV/AIDS Reporting System (HARS)

# Incidence of AIDS In Males By Race/Ethnicity

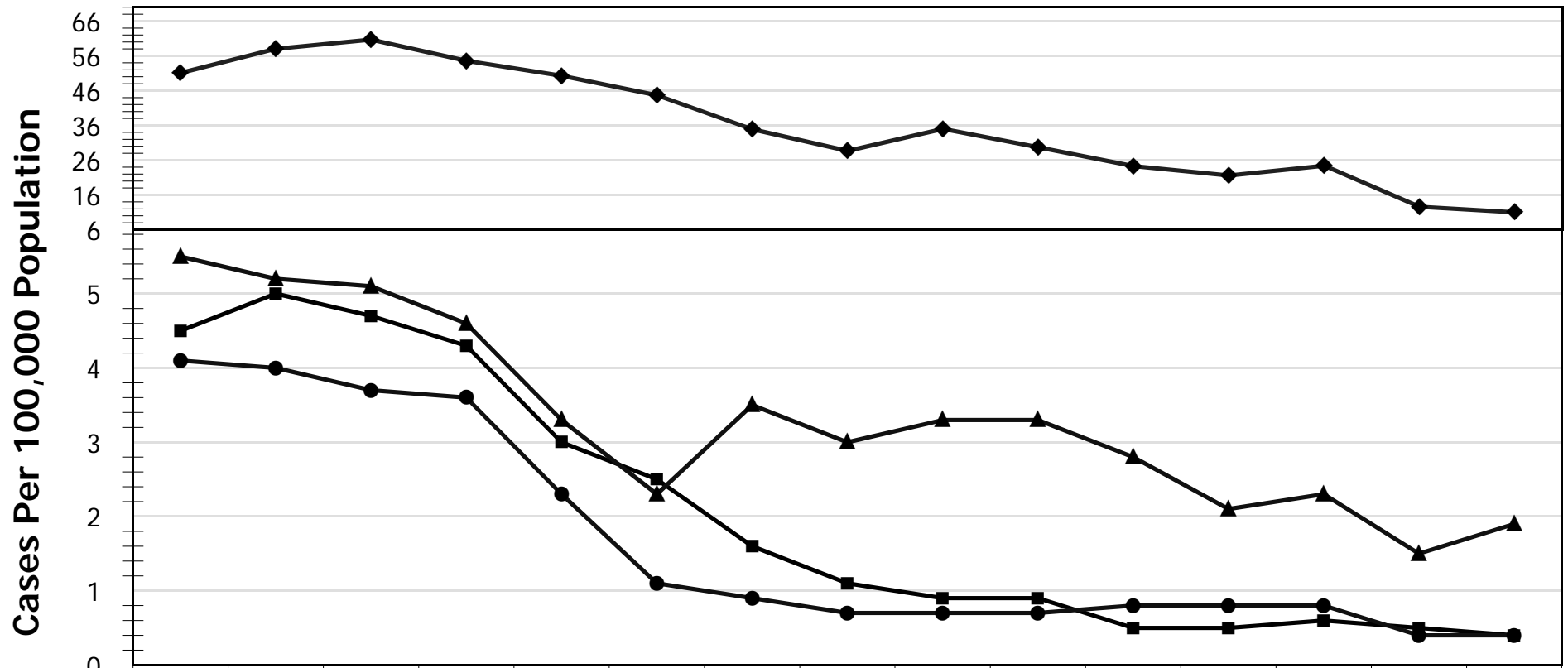
5-Year Moving Averages, San Mateo County, 1990-2008



Rates are age-adjusted and standardized to Year 2000 population  
 Source Data: San Mateo County Health Department, HIV/AIDS Reporting System (HARS)

# Incidence of AIDS in Females By Race/Ethnicity

5-Year Moving Averages, San Mateo County, 1990-2008



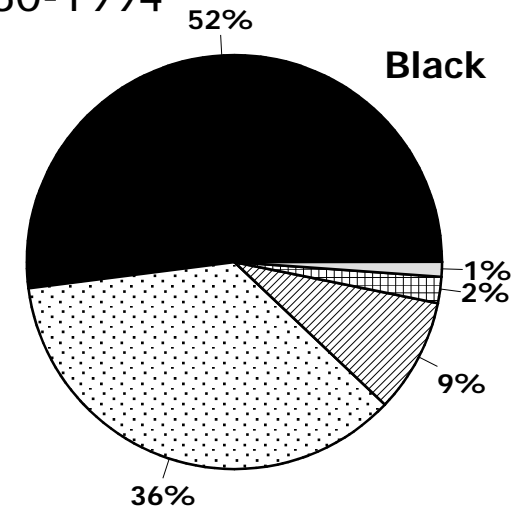
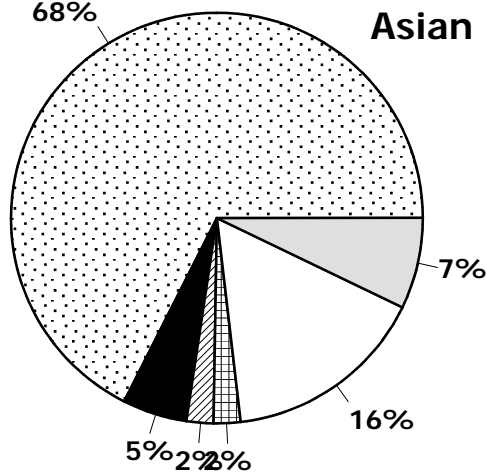
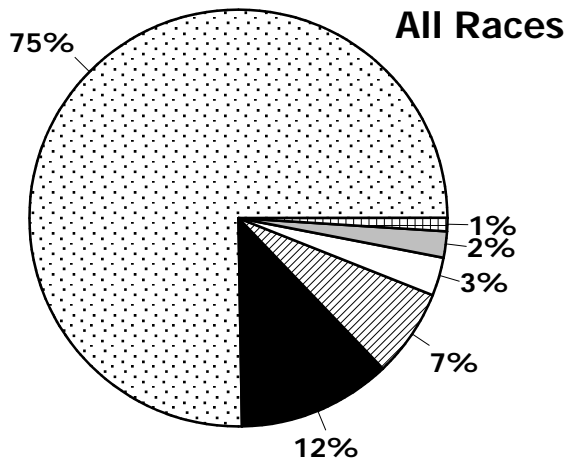
	90-94	91-95	92-96	93-97	94-98	95-99	96-00	97-01	98-02	99-03	00-04	01-05	02-06	03-07	04-08
All Races	6.7	7.1	6.9	6.2	4.7	3.7	3	2.3	2.5	2.3	1.8	1.6	1.8	1.1	1
Asian ●	4.1	4	3.7	3.6	2.3	1.1	0.9	0.7	0.7	0.7	0.8	0.8	0.8	0.4	0.4
Black ◆	51.1	58	60.7	54.6	50.3	44.7	34.9	28.7	35	29.7	24.3	21.6	24.4	12.6	11
Hispanic ▲	5.5	5.2	5.1	4.6	3.3	2.3	3.5	3	3.3	3.3	2.8	2.1	2.3	1.5	1.9
White ■	4.5	5	4.7	4.3	3	2.5	1.6	1.1	0.9	0.9	0.5	0.5	0.6	0.5	0.4

Rates are age-adjusted and standardized to Year 2000 population  
 Source Data: San Mateo County Health Department, HIV/AIDS Reporting System (HARS)

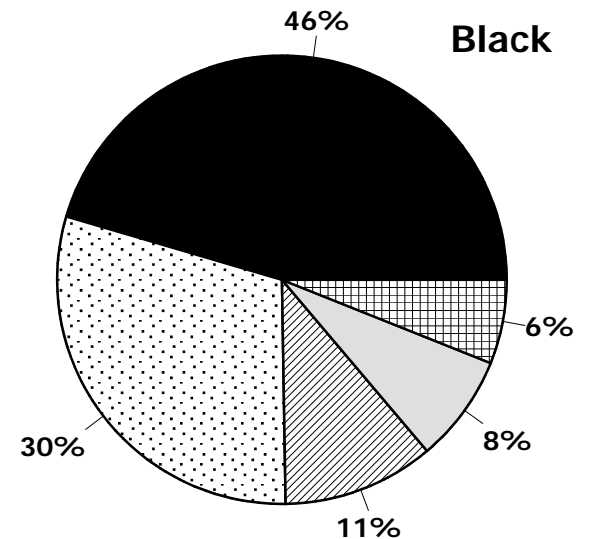
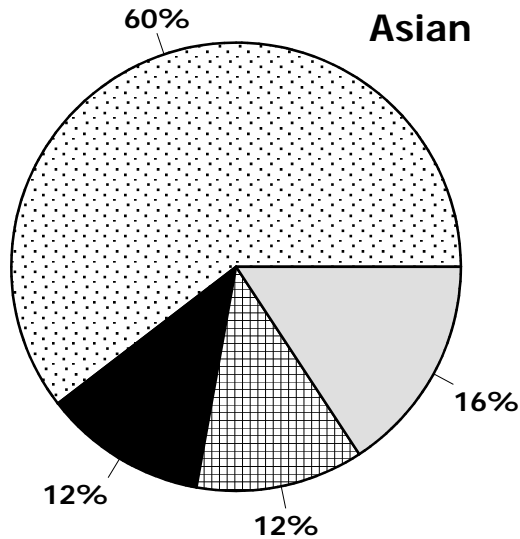
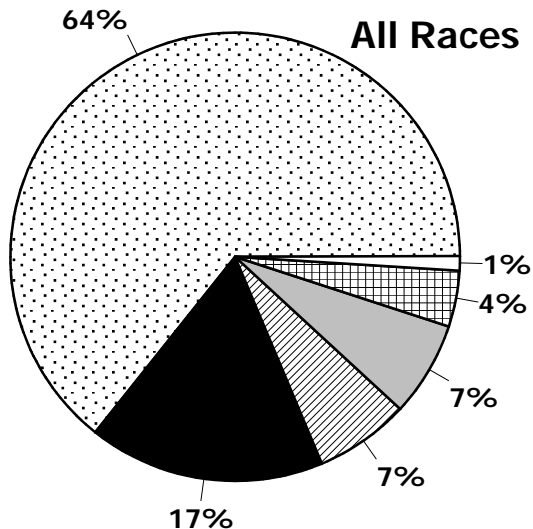


# Male AIDS Risk Factors By Race/Ethnicity

Cumulative Data, San Mateo County, 1980-1994



Cumulative Data, San Mateo County, 1995-2008



Men who have sex with men (MSM)
  Injection drug use (IDU)
  MSM/IDU
  Adult risk not classified
  Heterosexual contact
  Transfusion/Transplant

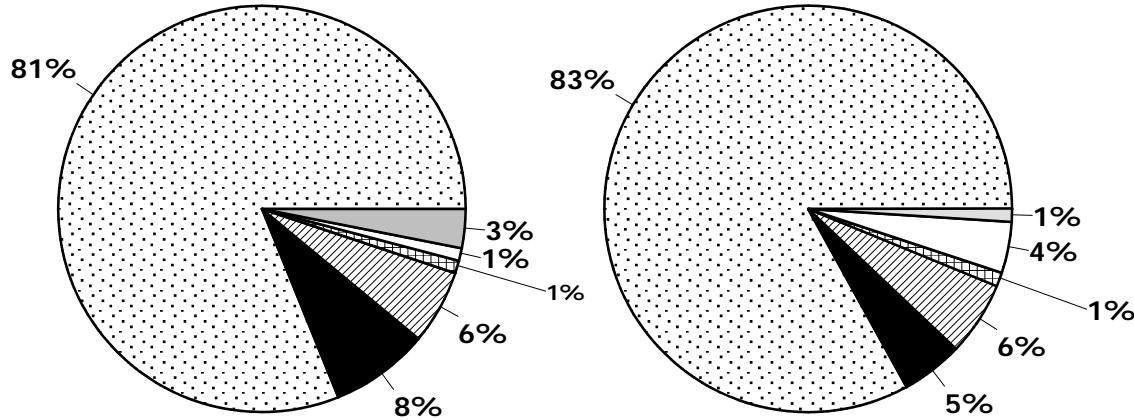
Source Data: San Mateo County Health Department, HIV/AIDS Reporting System (HARS)

# Male AIDS Risk Factors By Race/Ethnicity *Continued*

Cumulative Data, San Mateo County, 1980-1994

**Hispanic**

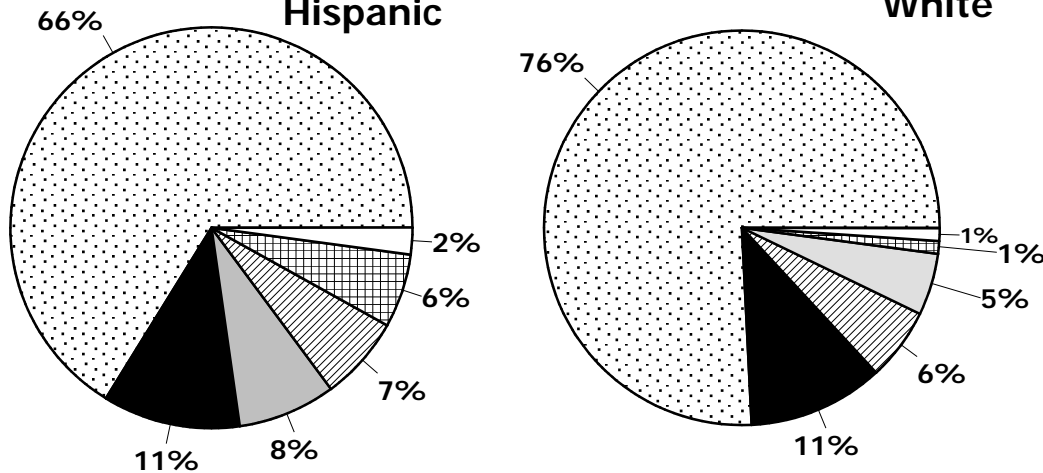
**White**



Cumulative Data, San Mateo County, 1995-2008

**Hispanic**

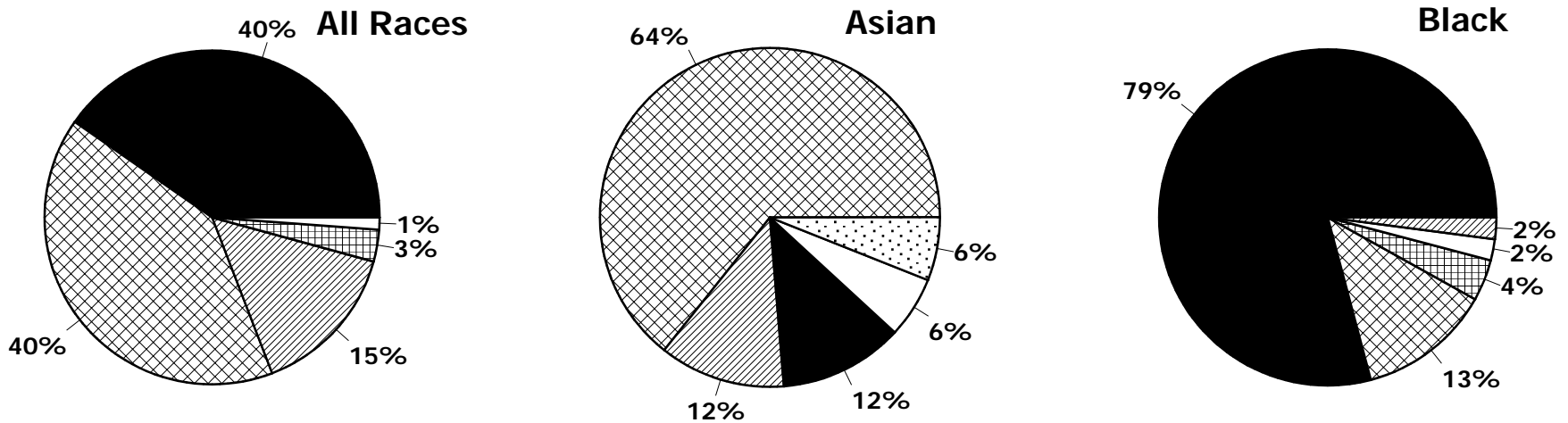
**White**



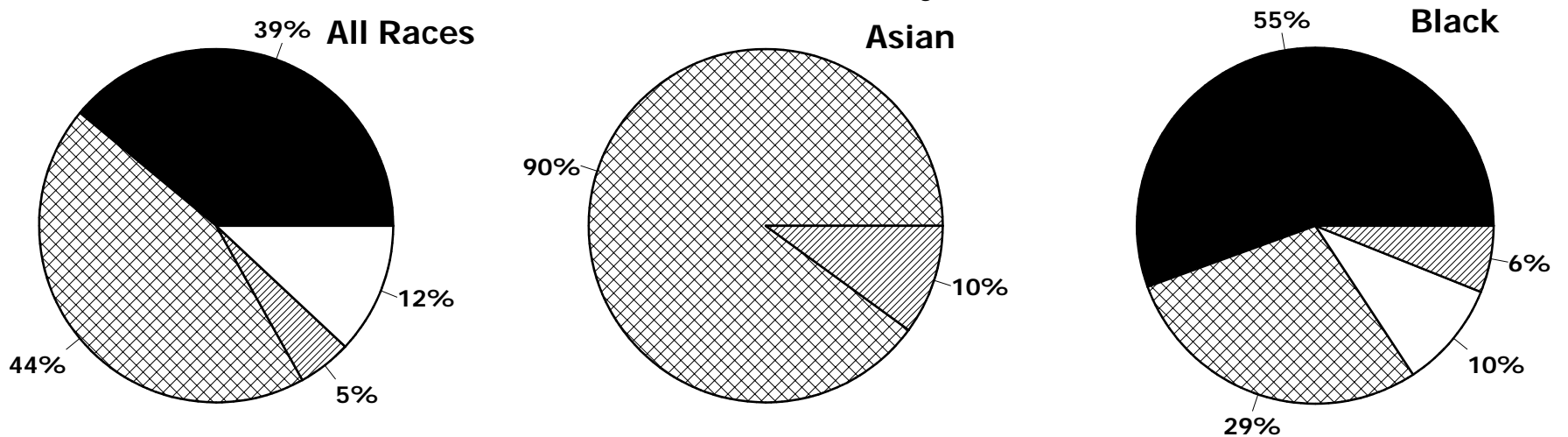
- ☐ Men who have sex with men (MSM)
- Injection drug use (IDU)
- ▒ Adult risk not classified
- ▨ MSM/IDU
- ▧ Heterosexual contact
- Transfusion/Transplant

# Female AIDS Risk Factors By Race/Ethnicity

Cumulative Data, San Mateo County, 1980-1994



Cumulative Data, San Mateo County, 1995-2008



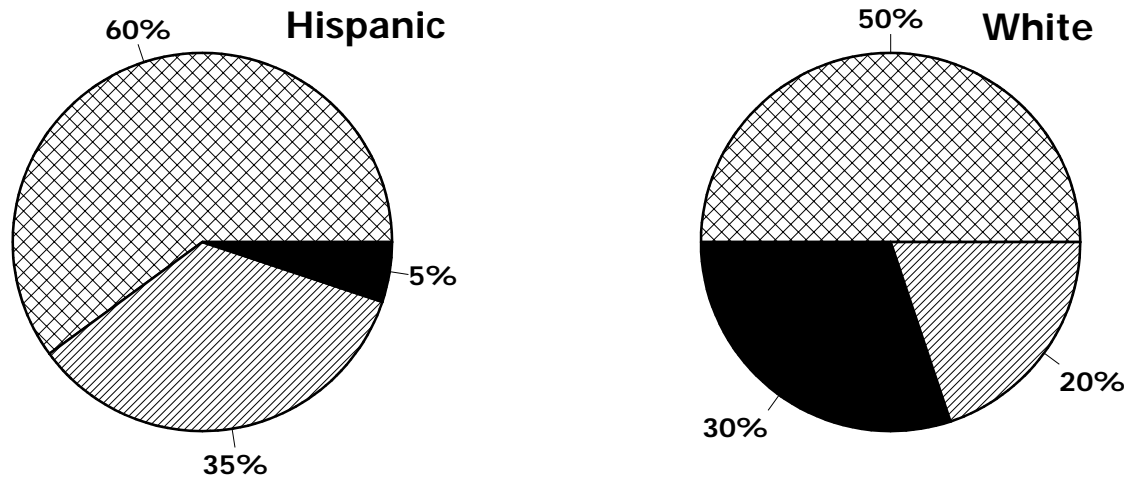
Injection drug use (IDU)
  Heterosexual contact
  Transfusion/Transplant
  Maternal Risk\*
  Adult risk not classified

\*Mother is HIV-positive or has sex with HIV-positive partner; Adult risk not classified were not reported before 1994.

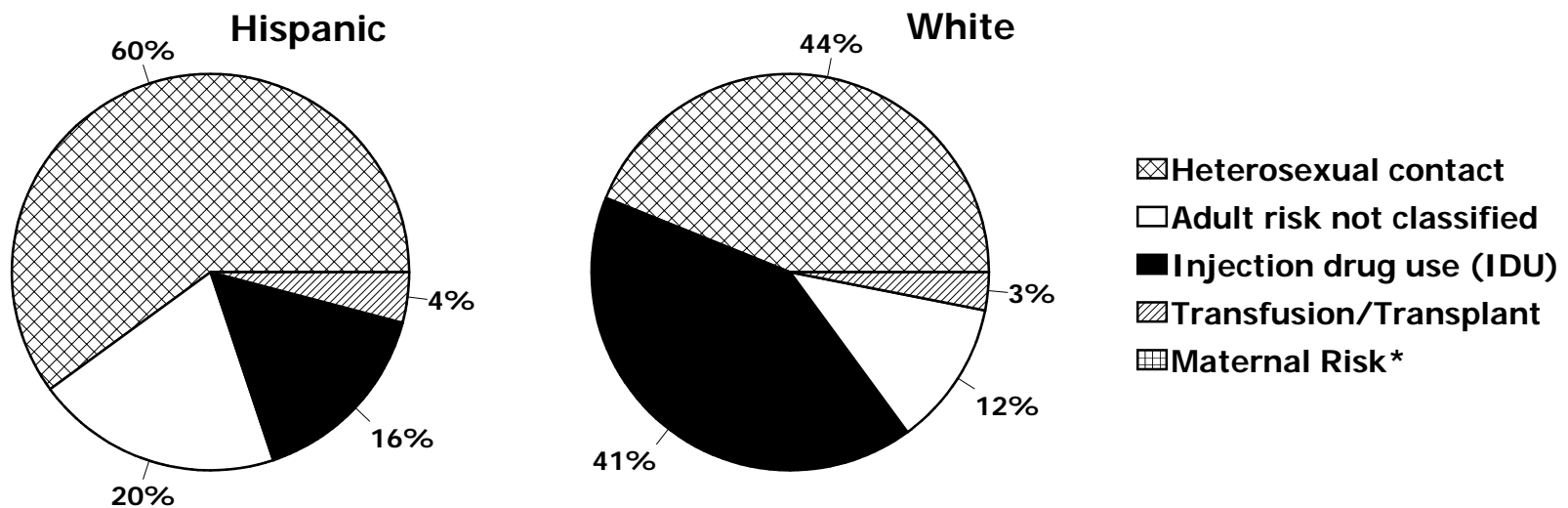
Source Data: San Mateo County Health Department, HIV/AIDS Reporting System (HARS)

# Female AIDS Risk Factors By Race/Ethnicity *Continued*

Cumulative Data, San Mateo County, 1980-1994



Cumulative Data, San Mateo County, 1995-2008

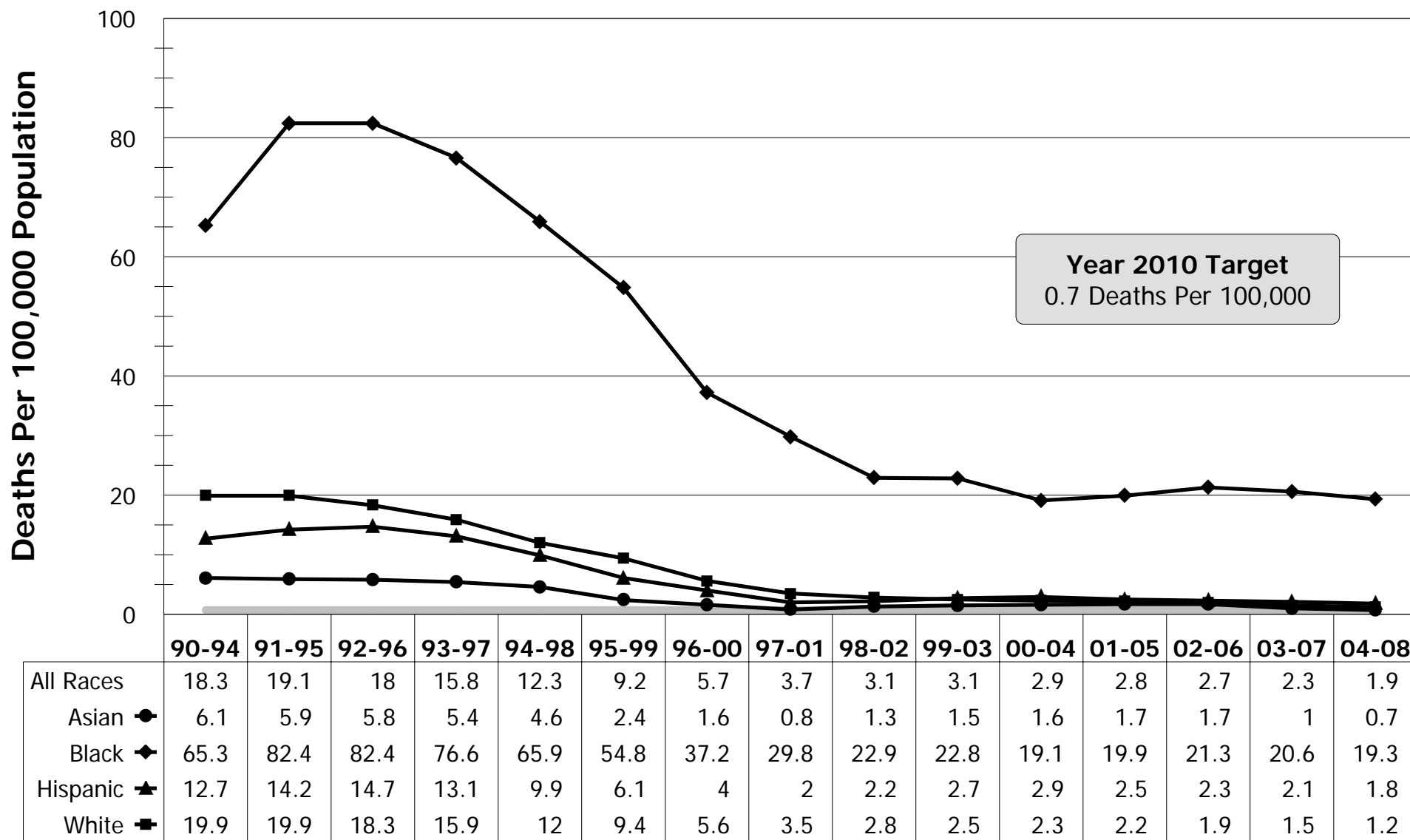


- ⊠ Heterosexual contact
- Adult risk not classified
- Injection drug use (IDU)
- ▨ Transfusion/Transplant
- ⊞ Maternal Risk\*

\*Mother is HIV-positive or has sex with HIV-positive partner; Adult risk not classified were not reported before 1994.  
 Source Data: San Mateo County Health Department, HIV/AIDS Reporting System (HARS)

# AIDS Mortality Rates By Race/Ethnicity

5-Year Moving Averages, San Mateo County, 1990-2008

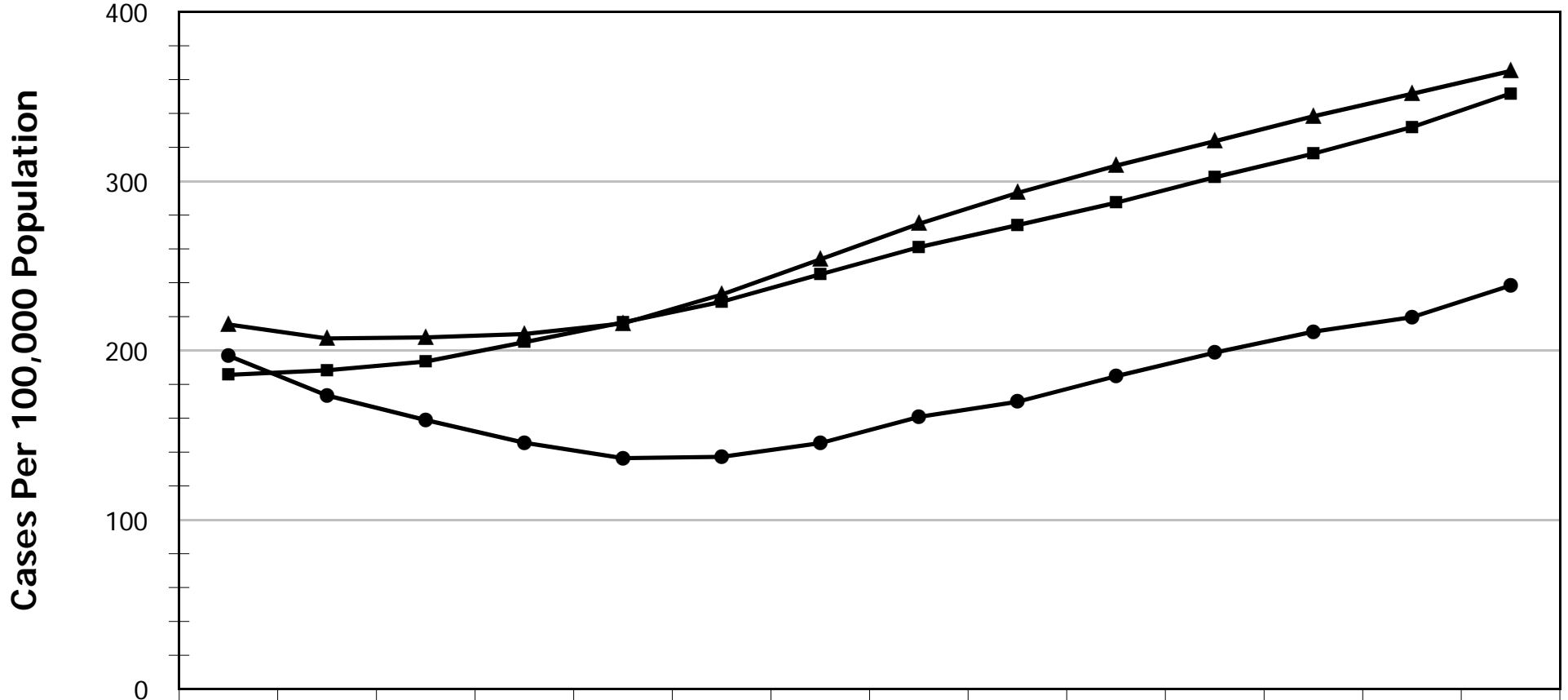


Rates are age-adjusted and standardized to Year 2000 population; 1990-1998 rates have been adjusted to comparability ratio 1.06

Source Data: California Department of Health Services, Center for Health Statistics, Death Records 1990-2008

# Comparison Of Annual Chlamydia Incidence Rates

5-Year Moving Averages, San Mateo County, California and National, 1991-2008



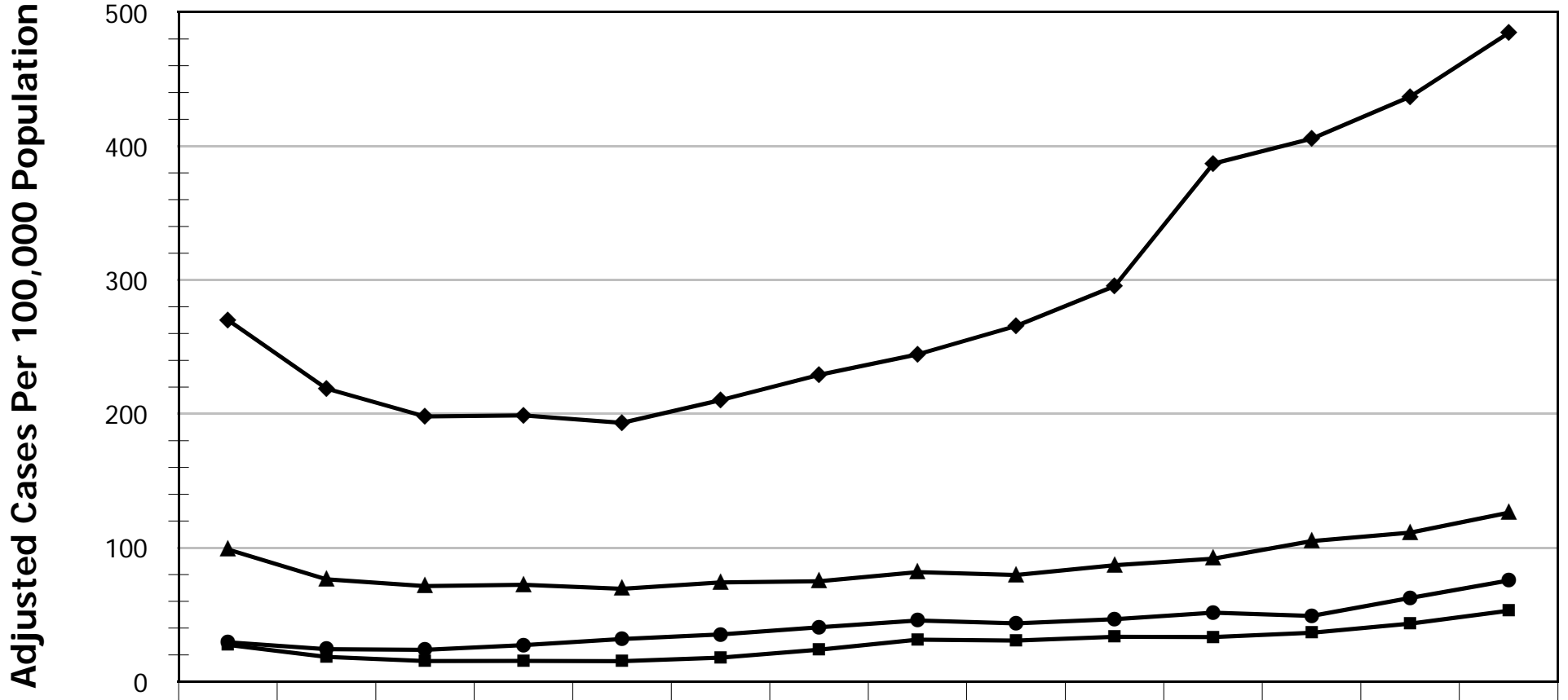
	'91-95	'92-96	'93-97	'94-98	'95-99	'96-00	'97-01	'98-02	'99-03	'00-04	'01-05	'02-06	'03-07	'04-08
San Mateo ●	196.9	173.4	158.9	145.5	136.4	137.2	145.3	160.8	169.7	184.8	198.8	211.1	219.7	238.4
California ▲	215.4	207.1	207.7	209.7	216	233	253.8	274.8	293.1	309.2	323.6	338.3	351.6	365.1
National ■	185.6	188.3	193.5	204.9	216.6	228.8	245	261	274	287.3	302.3	316.3	331.9	351.8

Rates are unadjusted

Source Data: San Mateo County Health Services Agency, Disease Control and Prevention Unit, Confidential Morbidity Reports (CMR); California Department of Health Services, STD Control Branch; Sexually Transmitted Diseases in California, 2008; Department of Health and Human Services, Atlanta: Centers for Disease Control and Prevention (CDC)

# Incidence Of Chlamydia In Males By Race/Ethnicity

5-Year Moving Averages, San Mateo County, 1991-2008



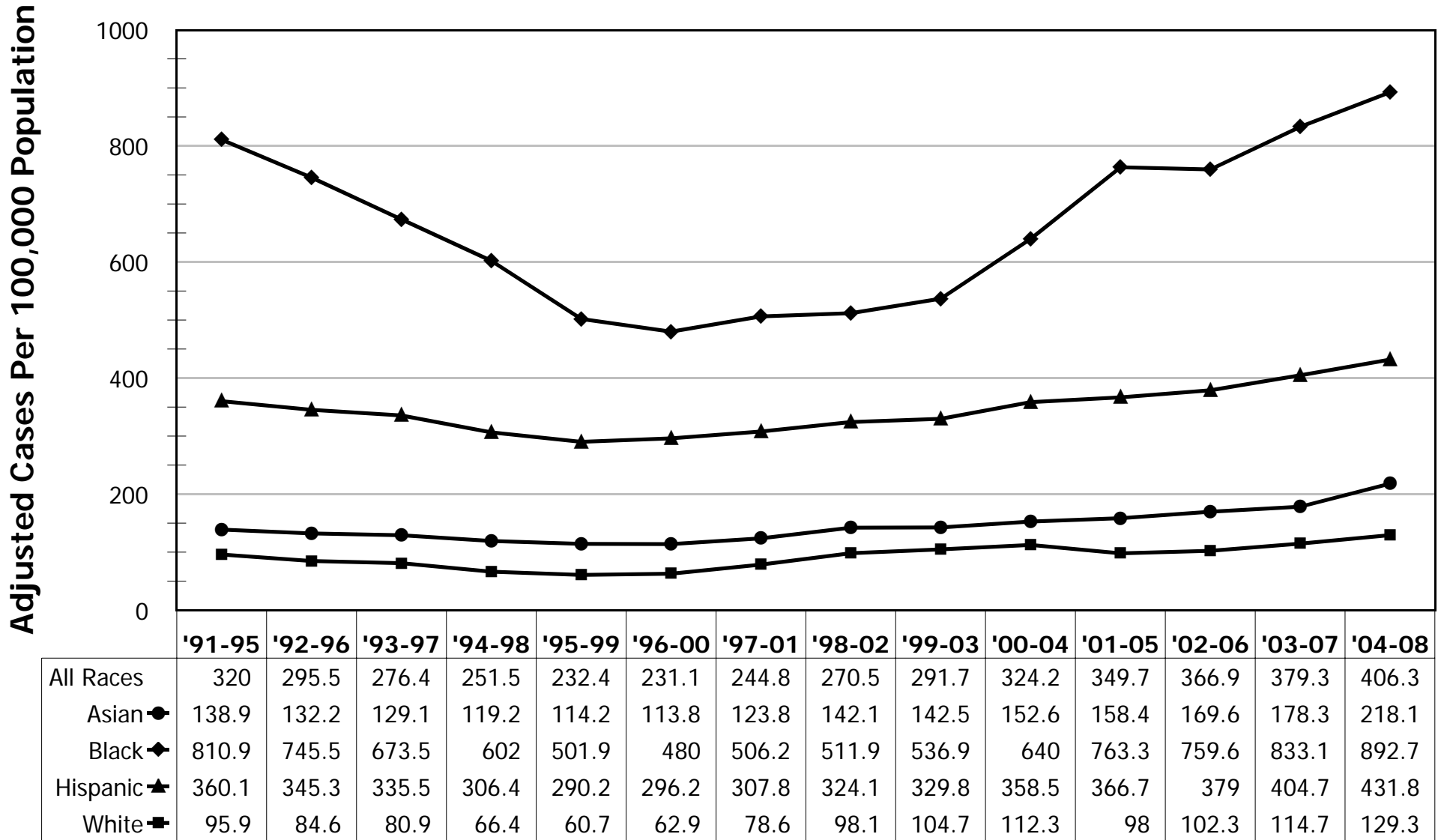
	'91-95	'92-96	'93-97	'94-98	'95-99	'96-00	'97-01	'98-02	'99-03	'00-04	'01-05	'02-06	'03-07	'04-08
All Races	79	62.6	56.9	58	59.3	64.5	71.8	82.1	88.3	99.3	116.7	128	134.6	148.5
Asian ●	29.4	24.3	23.8	27.3	31.9	35.3	40.6	45.7	43.6	46.7	51.5	49.1	62.5	75.6
Black ◆	270.2	218.9	198.1	198.9	193.3	210.3	229.2	244.4	265.7	295.5	386.9	405.5	437	484.6
Hispanic ▲	98.8	76.5	71.4	72.4	69.4	74.1	75	81.8	79.7	87	91.9	105	111.3	126.2
White ■	27.5	18.5	15.4	15.5	15.3	17.9	23.9	31.4	30.7	33.5	33.3	36.6	43.4	53

Rates are age-adjusted and standardized to Year 2000 US population

Source Data: San Mateo County Health Services Agency, Disease Control and Prevention Unit, Confidential Morbidity Reports (CMR)

# Incidence Of Chlamydia In Females By Race/Ethnicity

## 5-Year Moving Averages, San Mateo County, 1991-2008



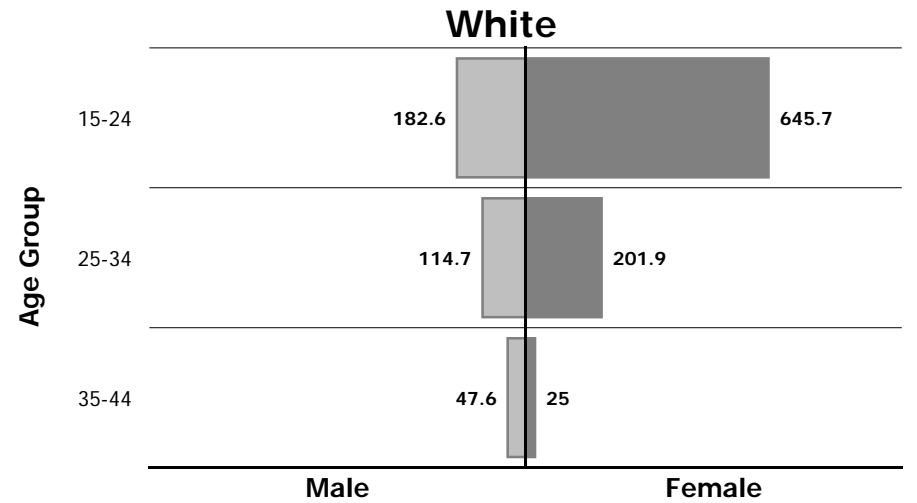
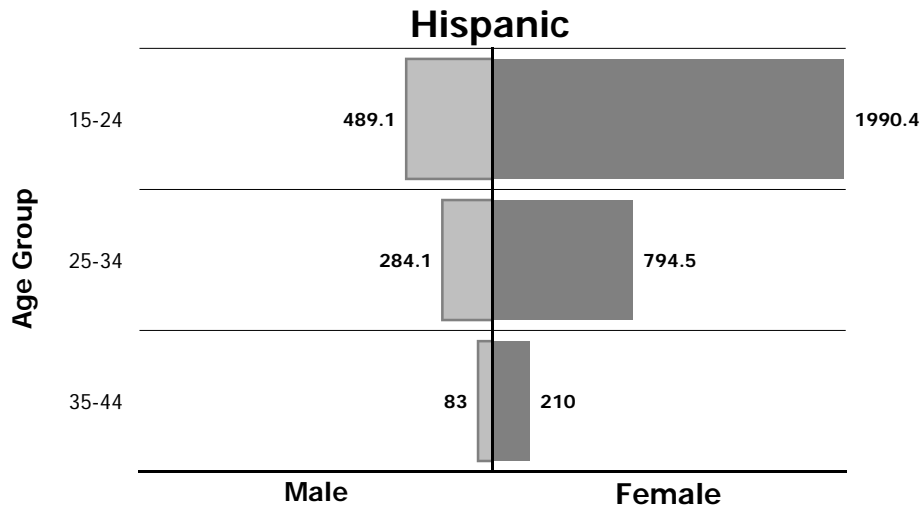
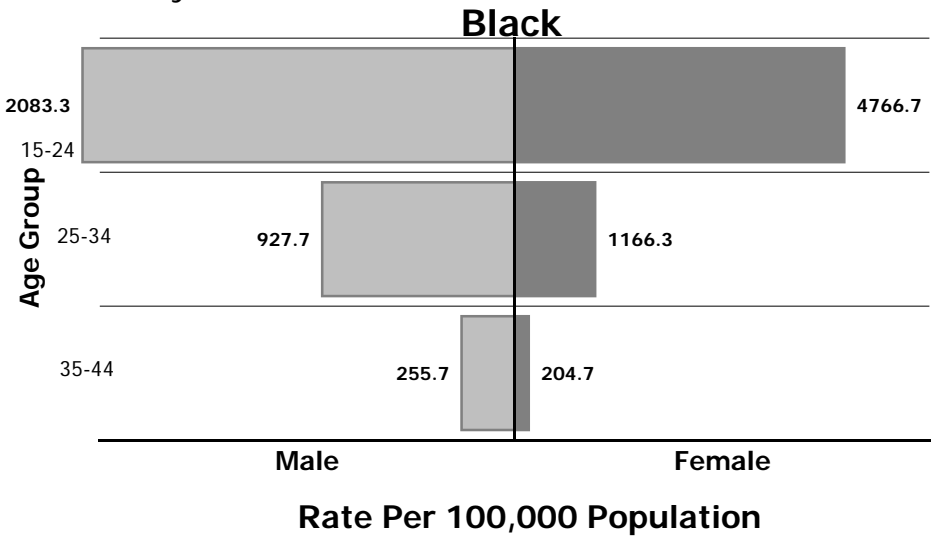
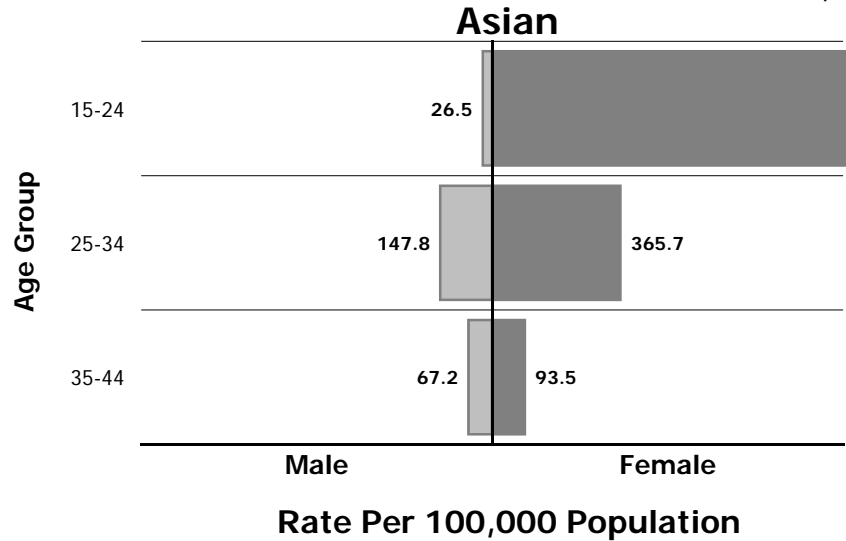
Rates are age-adjusted and standardized to Year 2000 US population

Source Data: San Mateo County Health Services Agency, Disease Control and Prevention Unit, Confidential Morbidity Reports (CMR)



# Incidence Of Chlamydia By Sex, Age, And Race/Ethnicity

Cumulative Data, San Mateo County, 2004-2008

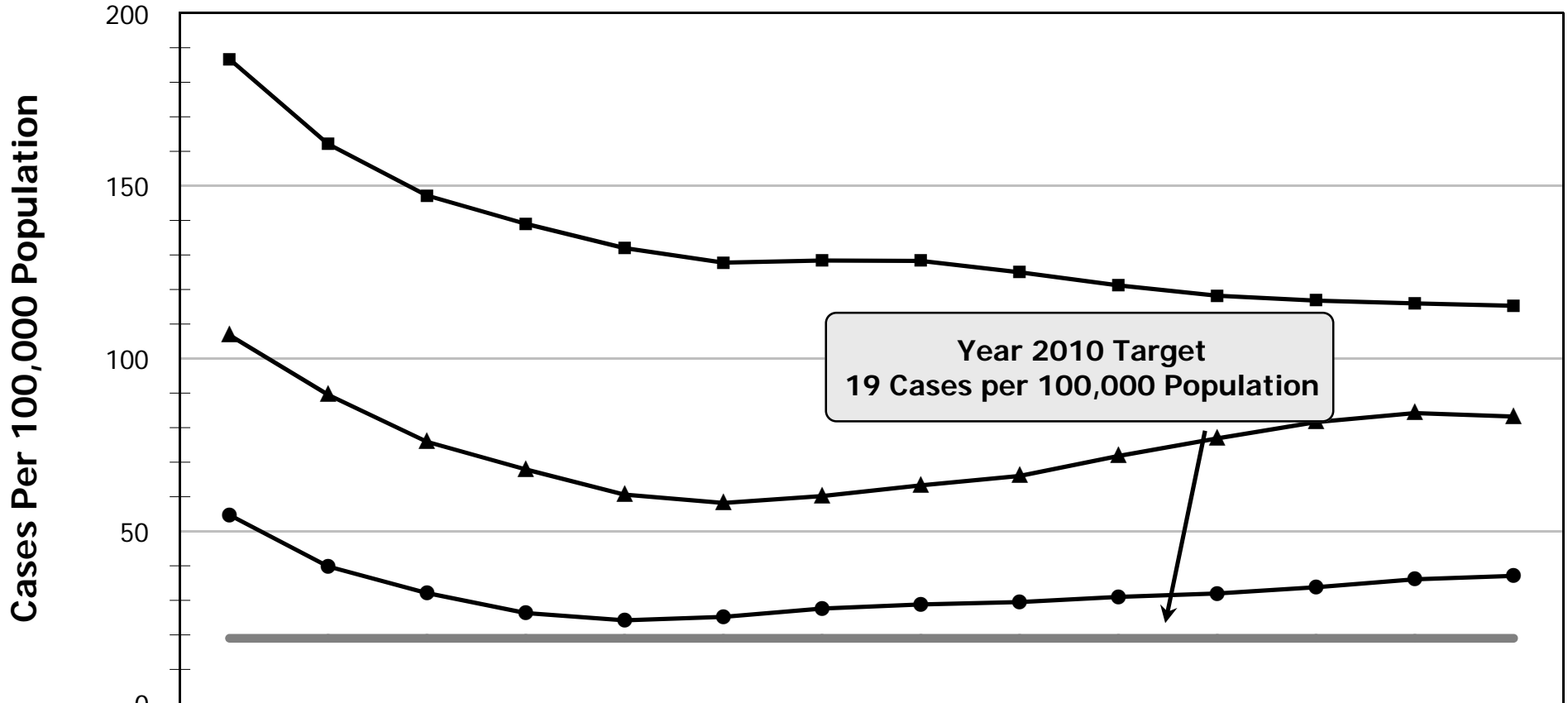


Rates are unadjusted and cumulative for 2004-2008

Source Data: San Mateo County Health Services Agency, Disease Control and Prevention Unit, Confidential Morbidity Reports (CMR)

# Comparison Of Annual Gonorrhea Incidence Rates

5-Year Moving Averages, San Mateo County, California and National, 1991-2008



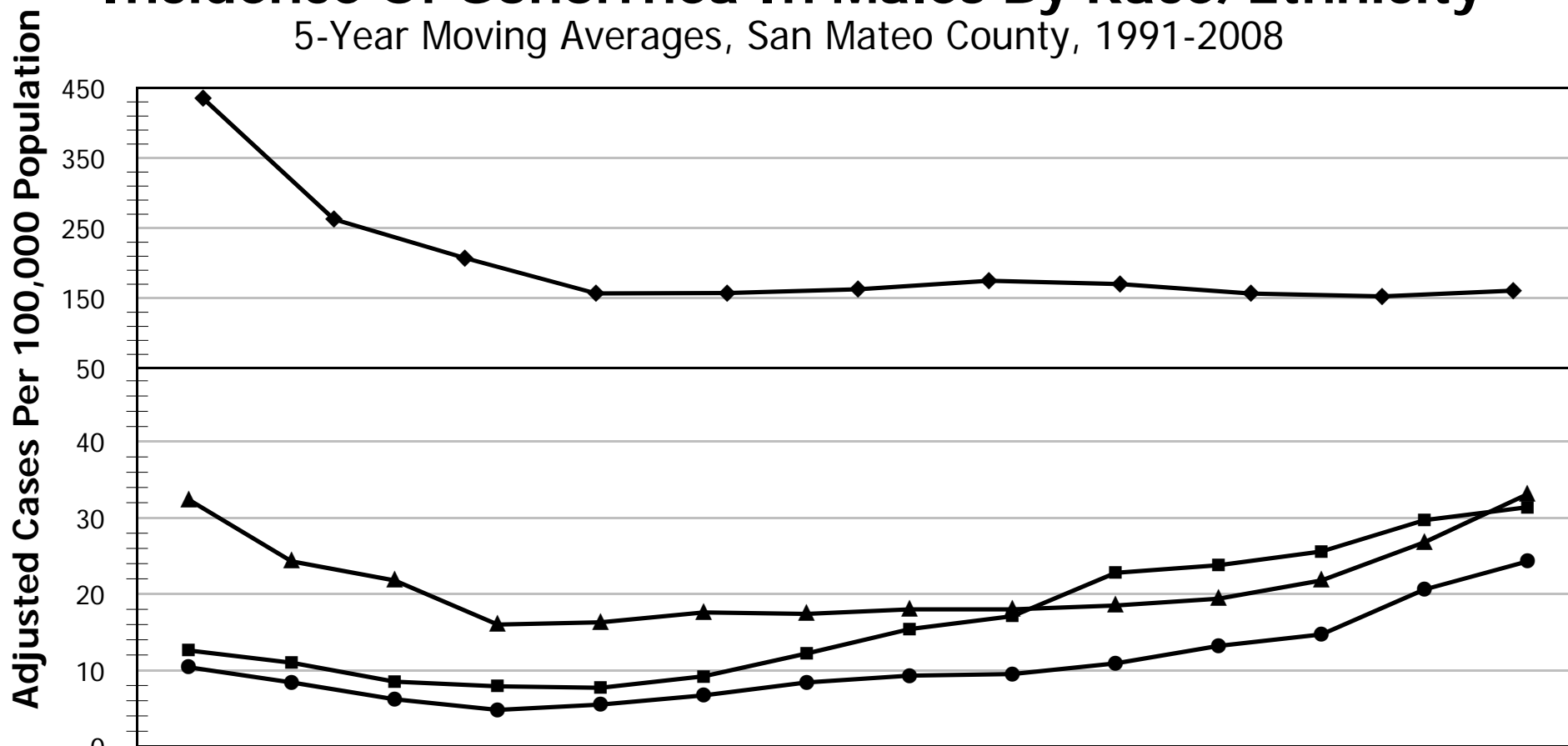
	'91-95	'92-96	'93-97	'94-98	'95-99	'96-00	'97-01	'98-02	'99-03	'00-04	'01-05	'02-06	'03-07	'04-08
San Mateo ●	54.7	39.8	32.1	26.3	24.2	25.2	27.6	28.8	29.5	31	32	33.8	36.1	37.1
California ▲	106.8	89.5	75.9	67.9	60.6	58.2	60.2	63.3	66	71.8	76.9	81.6	84.2	83.2
National ■	186.7	162.1	147.2	139	132	127.8	128.4	128.3	125	121.2	118.2	116.8	116	115.3

Rates are unadjusted

Source Data: San Mateo County Health Services Agency, Disease Control and Prevention Unit, Confidential Morbidity Reports (CMR); California Department of Health Services, STD Control Branch; Sexually Transmitted Disease Surveillance 2002, Department of Health and Human Services, Atlanta: Centers for Disease Control and Prevention (CDC)

# Incidence Of Gonorrhea In Males By Race/Ethnicity

5-Year Moving Averages, San Mateo County, 1991-2008



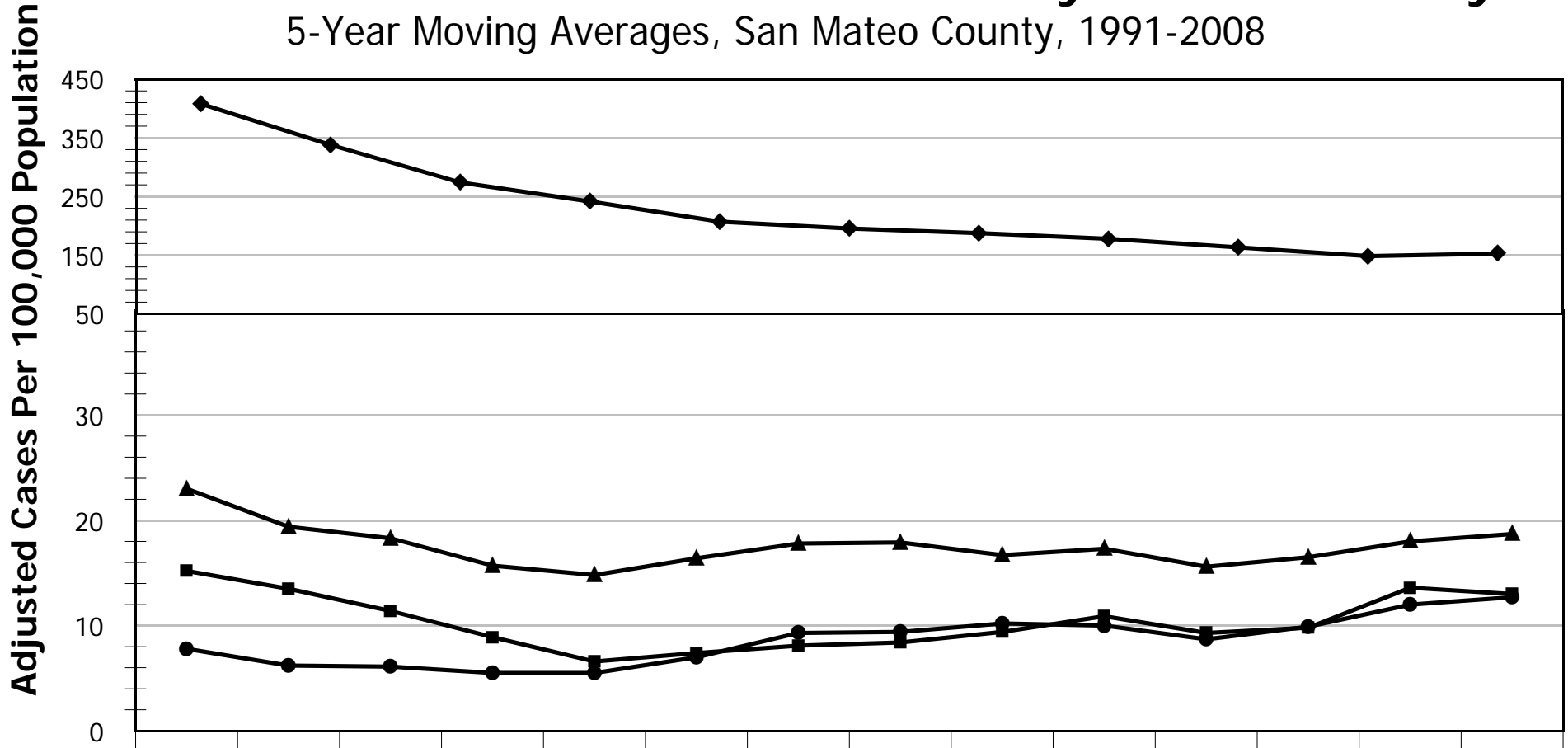
	'91-98	'92-96	'93-97	'94-98	'95-99	'96-00	'97-01	'98-02	'99-03	'00-04	'01-05	'02-06	'03-07	'04-08
All Races	54.3	37.3	29.5	24	23.3	25.4	28.9	31.9	34	37.9	42.5	44.8	47.4	49.3
Asian ●	10.4	8.4	6.2	4.8	5.5	6.7	8.4	9.3	9.5	10.9	13.2	14.7	20.6	24.3
Black ◆	435.3	262.6	207.3	157	157.4	162.9	175	170.2	156.7	152.8	170.5	184.2	193.2	226.7
Hispanic ▲	32.4	24.3	21.8	16	16.3	17.6	17.4	18	18	18.5	19.4	21.8	26.8	33.1
White ■	12.6	11	8.5	7.9	7.7	9.2	12.2	15.4	17.1	22.8	23.8	25.6	29.7	31.4

Rates are age-adjusted and standardized to Year 2000 US population

Source Data: San Mateo County Health Services Agency, Disease Control and Prevention Unit, Confidential Morbidity Reports (CMR)

# Incidence Of Gonorrhea In Females By Race/Ethnicity

5-Year Moving Averages, San Mateo County, 1991-2008



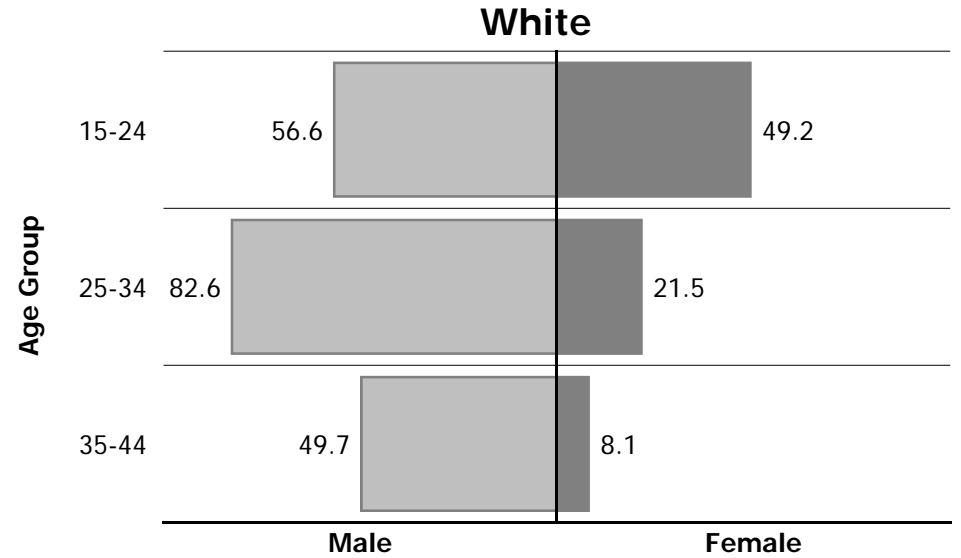
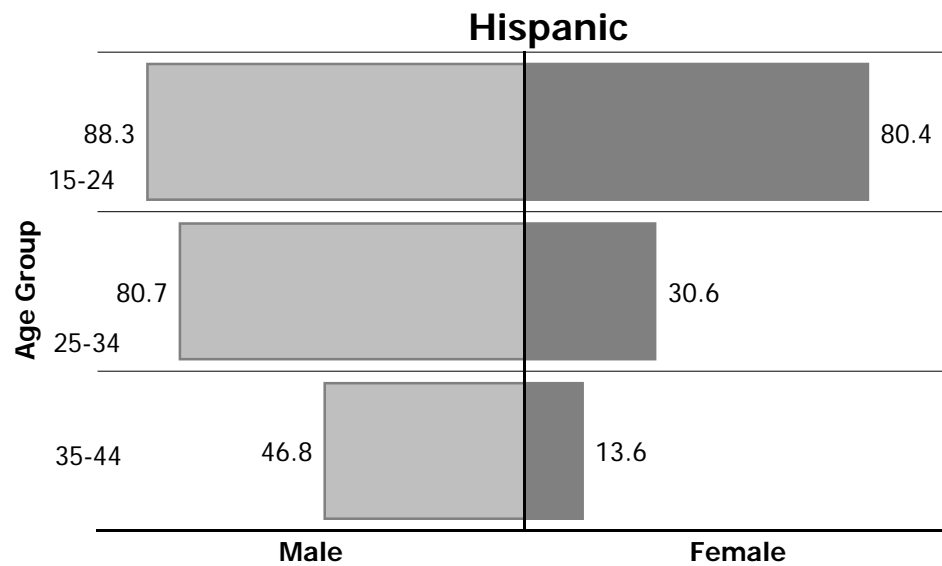
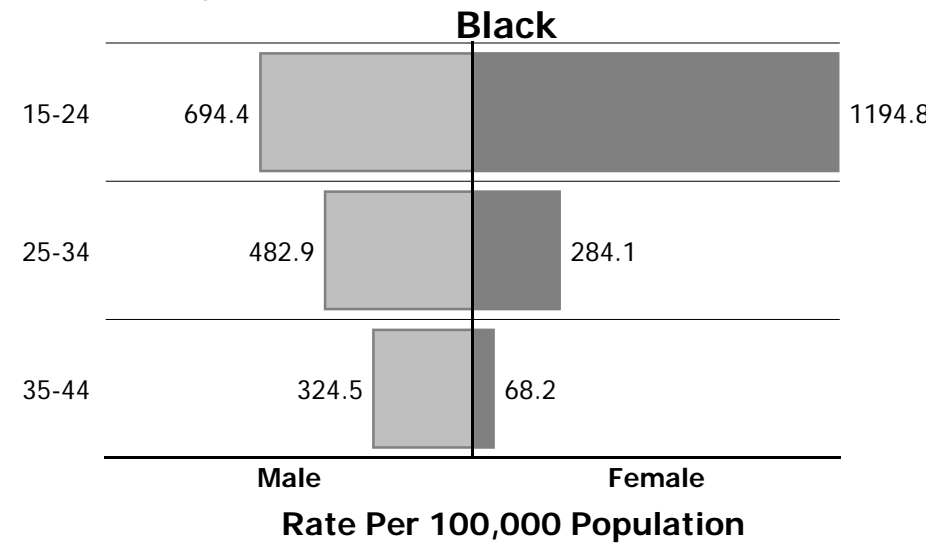
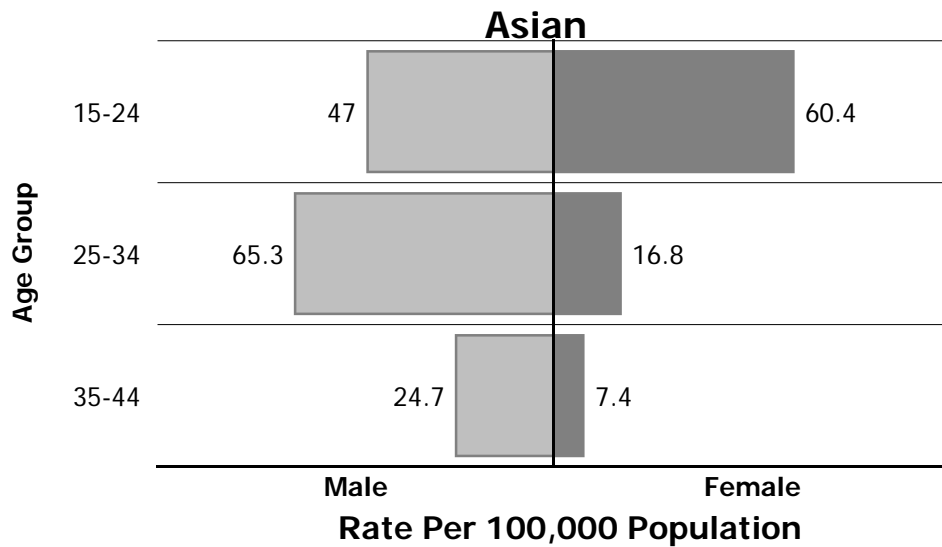
	'91-98	'92-96	'93-97	'94-98	'95-99	'96-00	'97-01	'98-02	'99-03	'00-04	'01-05	'02-06	'03-07	'04-08
All Races ●	53.6	43	35.5	29.9	25.9	25.5	26.4	25.6	26	26.1	26.1	28.2	30.5	30.6
Asian ▲	7.8	6.2	6.1	5.5	5.5	7	9.3	9.4	10.2	10	8.7	9.9	12	12.7
Black ◆	408	338.1	274.1	241.7	207.2	195.5	187.7	178	163.4	148.5	163.8	175.2	191.8	225.8
Hispanic ▲	23	19.4	18.3	15.7	14.8	16.4	17.8	17.9	16.7	17.3	15.6	16.5	18	18.7
White ■	15.2	13.5	11.4	8.9	6.6	7.4	8.1	8.4	9.4	10.9	9.3	9.8	13.6	13

Rates are age-adjusted and standardized to Year 2000 US population

Source Data: San Mateo County Health Services Agency, Disease Control and Prevention Unit, Confidential Morbidity Reports (CMR)

# Incidence Of Gonorrhea By Sex, Age, and Race/Ethnicity

Cumulative Data, San Mateo County, 2004-2008

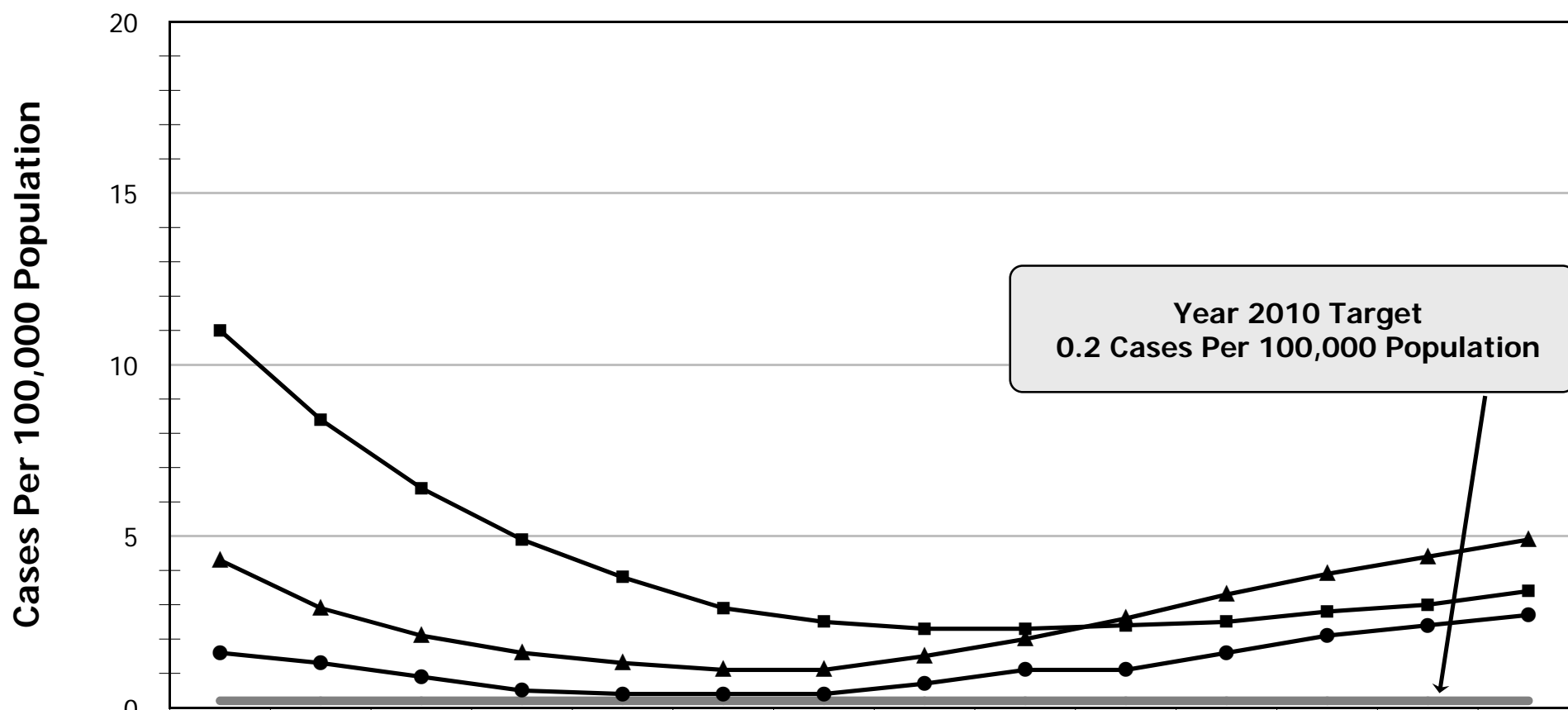


Rates are unadjusted and cumulative for 2004-2008

Source Data: San Mateo County Health Services Agency, Disease Control and Prevention Unit, Confidential Morbidity Reports (CMR)

# Comparison Of Annual Primary And Secondary Syphilis Incidence Rates

5-Year Moving Averages, San Mateo County, California and National, 1991-2008



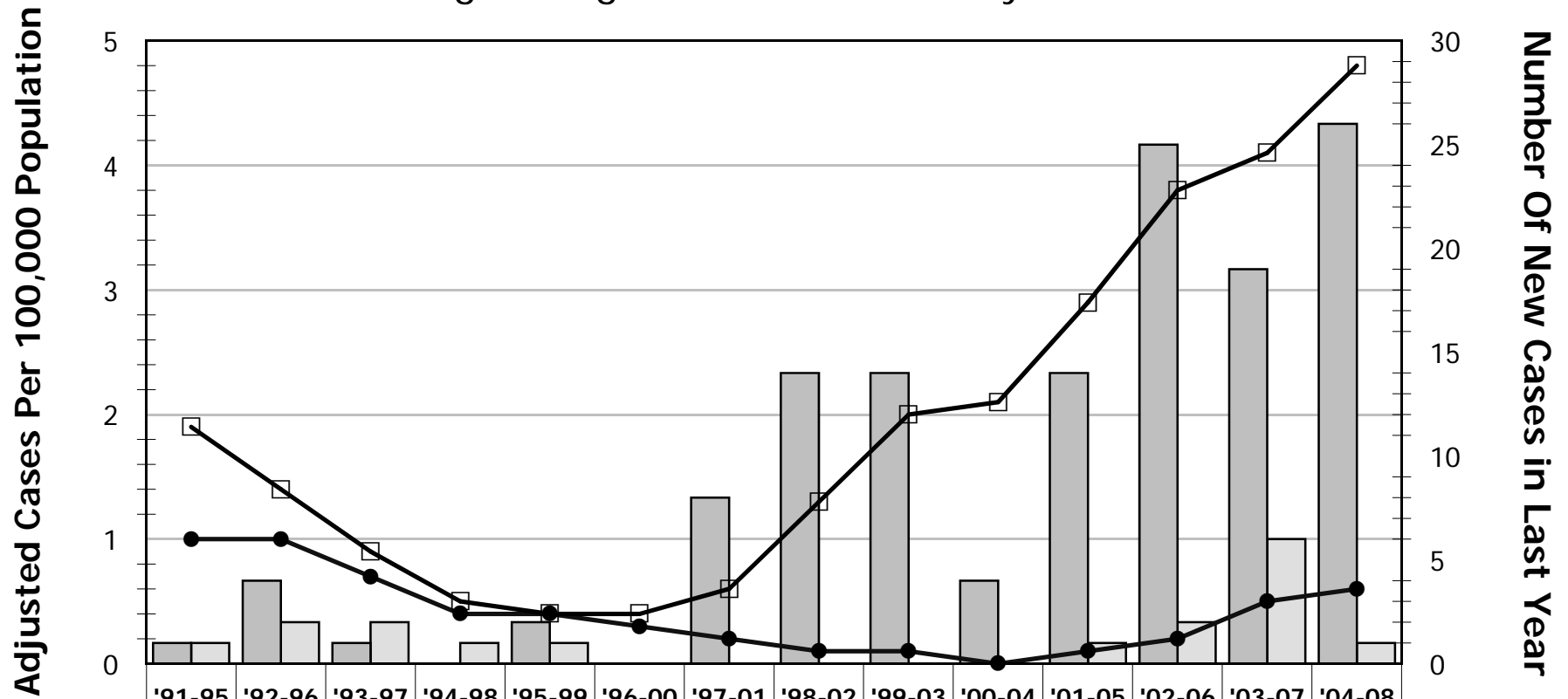
	'91-95	'92-96	'93-97	'94-98	'95-99	'96-00	'97-01	'98-02	'99-03	'00-04	'01-05	'02-06	'03-07	'04-08
San Mateo ●	1.6	1.3	0.9	0.5	0.4	0.4	0.4	0.7	1.1	1.1	1.6	2.1	2.4	2.7
California ▲	4.3	2.9	2.1	1.6	1.3	1.1	1.1	1.5	2	2.6	3.3	3.9	4.4	4.9
National ■	11	8.4	6.4	4.9	3.8	2.9	2.5	2.3	2.3	2.4	2.5	2.8	3	3.4

Rates are unadjusted

Source Data: San Mateo County Health Services Agency, Disease Control and Prevention Unit, Confidential Morbidity Reports (CMR); California Department of Health Services, STD Control Branch; Sexually Transmitted Disease Surveillance 2002, Department of Health and Human Services, Atlanta: Centers for Disease Control and Prevention (CDC)

# Incidence Of Primary And Secondary Syphilis By Sex

## 5-Year Moving Averages, San Mateo County, 1991-2008



	'91-95	'92-96	'93-97	'94-98	'95-99	'96-00	'97-01	'98-02	'99-03	'00-04	'01-05	'02-06	'03-07	'04-08
All New Cases	2	6	3	1	3	0	8	14	14	4	15	27	25	27
Overall Rate	1.5	1.2	0.8	0.5	0.4	0.4	0.6	1.3	2	2.1	1.5	2	2.3	2.7
New Male	1	4	1	0	2	0	8	14	14	4	14	25	19	26
Avg Rate Male	1.9	1.4	0.9	0.5	0.4	0.4	0.6	1.3	2	2.1	2.9	3.8	4.1	4.8
New Female	1	2	2	1	1	0	0	0	0	0	1	2	6	1
Avg Rate Female	1	1	0.7	0.4	0.4	0.3	0.2	0.1	0.1	0	0.1	0.2	0.5	0.6

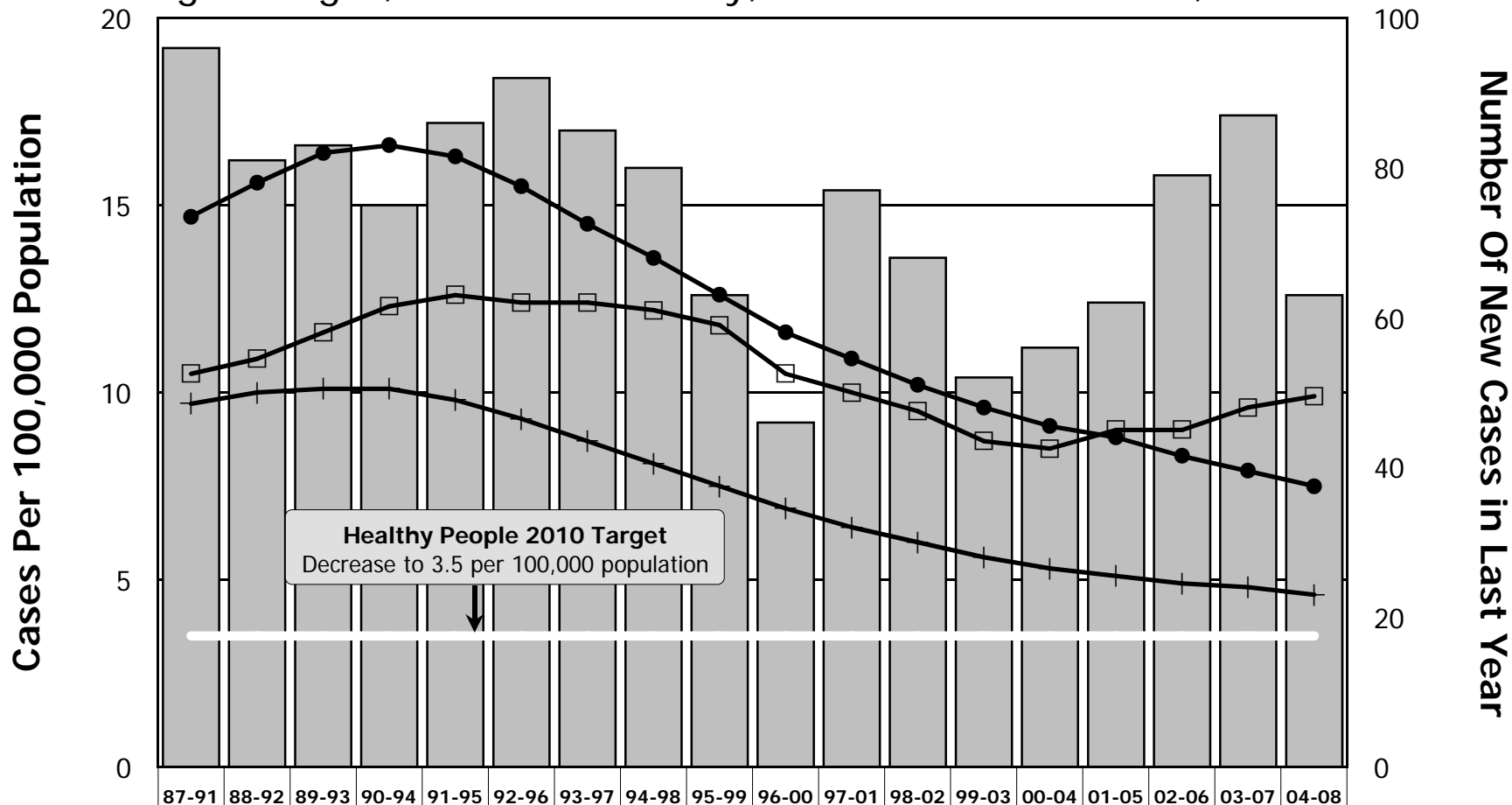
Rates are age-adjusted and standardized to Year 2000 US population.

Bars represent number of new cases in the last year of the 5 year period (i.e. 2005 for '01-05).

Source Data: San Mateo County Health Services Agency, Disease Control and Prevention Unit, Confidential Morbidity Reports (CMR)

# Incidence Of Tuberculosis

5-Year Moving Averages, San Mateo County, California and National, 1987-2008



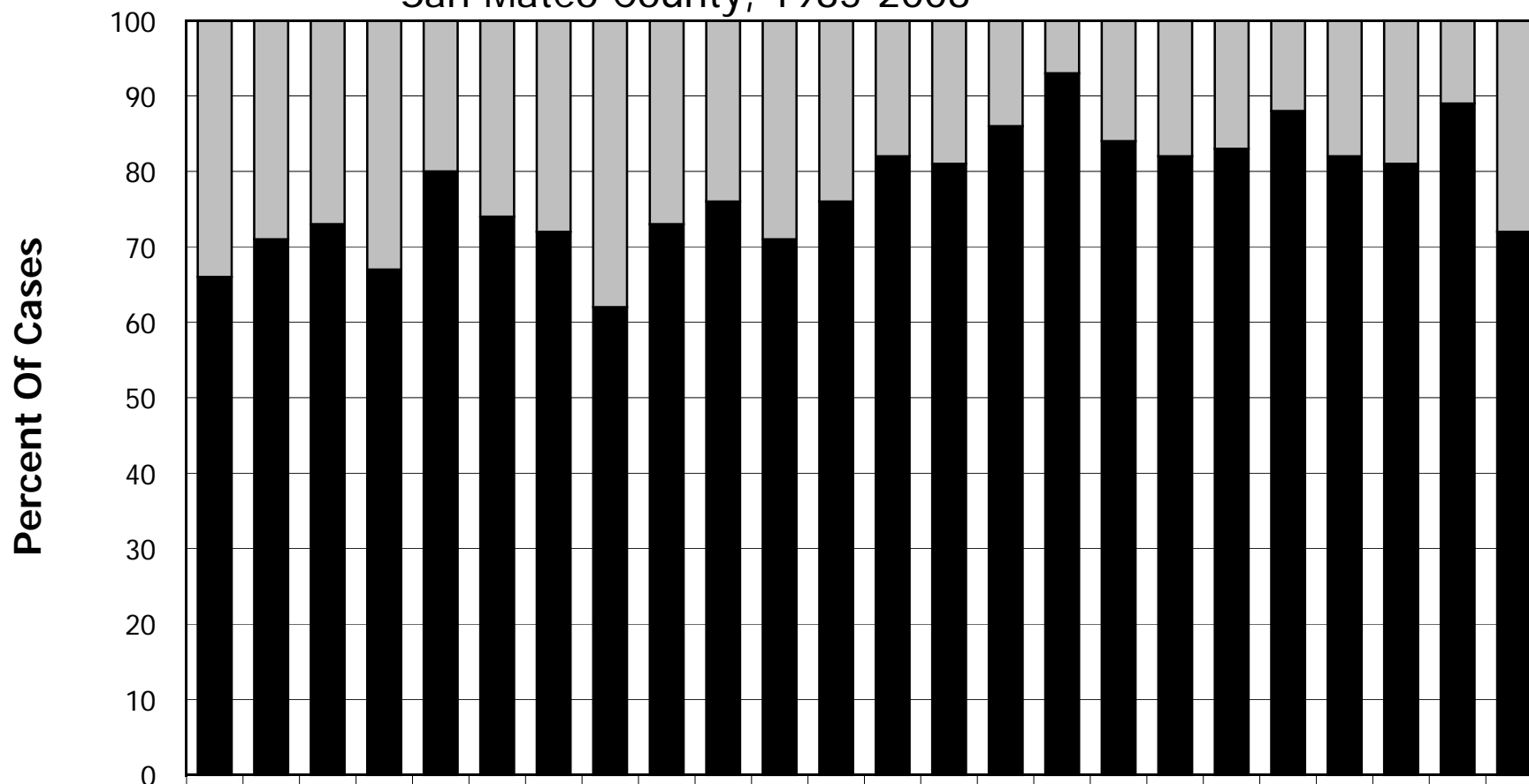
	87-91	88-92	89-93	90-94	91-95	92-96	93-97	94-98	95-99	96-00	97-01	98-02	99-03	00-04	01-05	02-06	03-07	04-08
New Cases (SMC)	96	81	83	75	86	92	85	80	63	46	77	68	52	56	62	79	87	63
5 yr Avg. SMC Rate	10.5	10.9	11.6	12.3	12.6	12.4	12.4	12.2	11.8	10.5	10	9.5	8.7	8.5	9	9	9.6	9.9
5 yr Avg Cali Rate	14.7	15.6	16.4	16.6	16.3	15.5	14.5	13.6	12.6	11.6	10.9	10.2	9.6	9.1	8.8	8.3	7.9	7.5
5 yr Avg National Rate	9.7	10	10.1	10.1	9.8	9.3	8.7	8.1	7.5	6.9	6.4	6	5.6	5.3	5.1	4.9	4.8	4.6

Rates are unadjusted. New cases (bars) represent number of new cases in the last year of the five year period (i.e. 2005 for 01-05)  
 Source Data: RVCT (Report of Verified Case of Tuberculosis) 1985-2005; CDC *Morbidity and Mortality Weekly Report*; Report on Tuberculosis in California, 2005



# Tuberculosis Cases By Place Of Birth

San Mateo County, 1985-2008

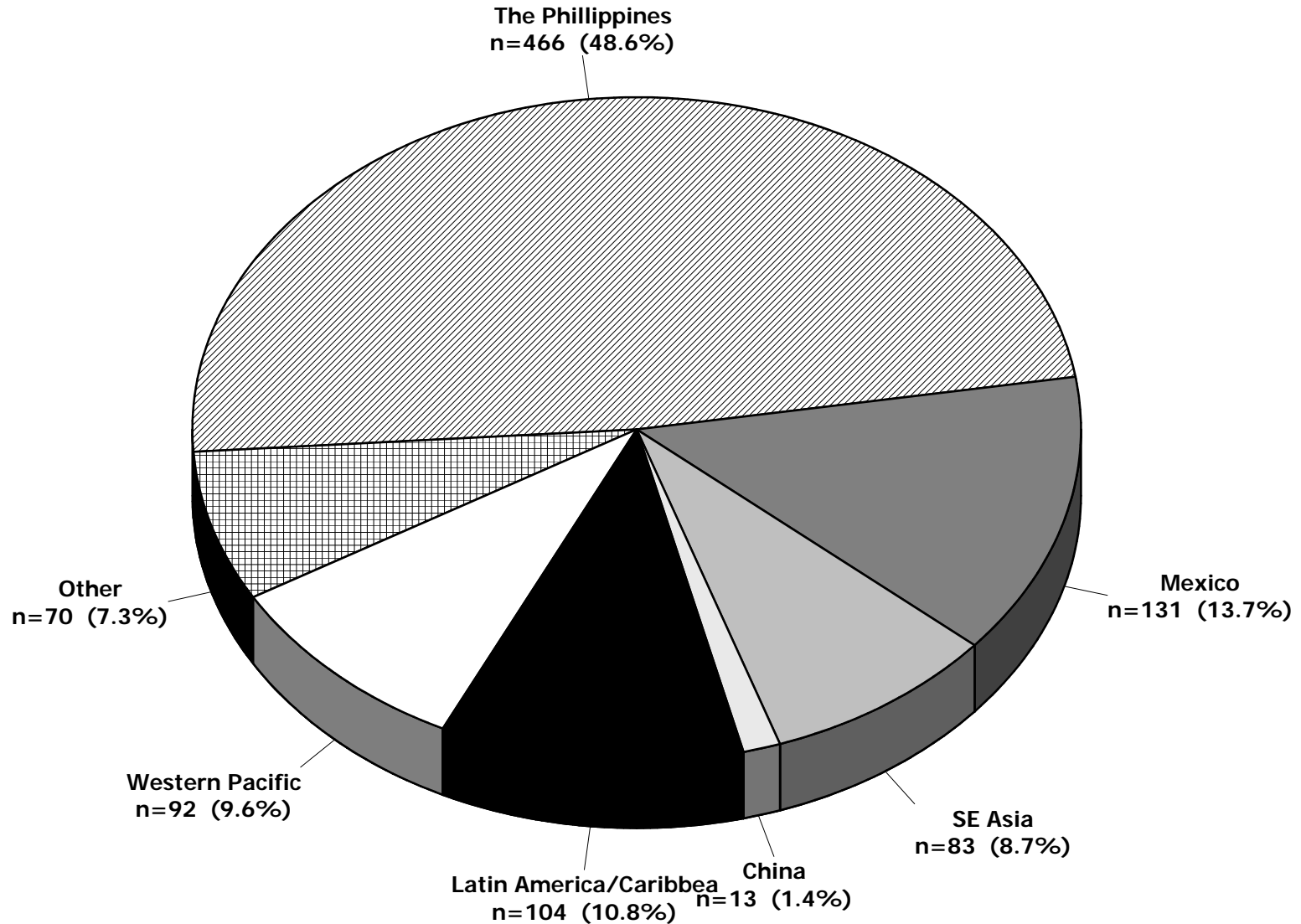


	'85	'86	'87	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08
All Cases	32	51	66	57	46	74	96	81	83	75	86	92	85	80	63	46	77	68	52	56	62	81	90	64
Number US-Born	11	15	18	19	9	19	27	31	22	18	25	22	15	15	9	3	12	12	9	7	11	15	10	18
Proportion US-Born	34	29	27	33	20	26	28	38	27	24	29	24	18	19	14	7	16	18	17	12	18	19	11	28
Number Foreign-Born	21	36	48	38	37	55	69	50	61	57	61	70	70	65	54	43	65	56	43	49	51	66	80	46
Proportion Foreign-Born	66	71	73	67	80	74	72	62	73	76	71	76	82	81	86	93	84	82	83	88	82	81	89	72

Source Data: RVCT (Report of Verified Case of Tuberculosis) 1985-2008

# Country Of Origin Of Foreign-Born Tuberculosis Cases

Cumulative Data, San Mateo County, 1993-2008



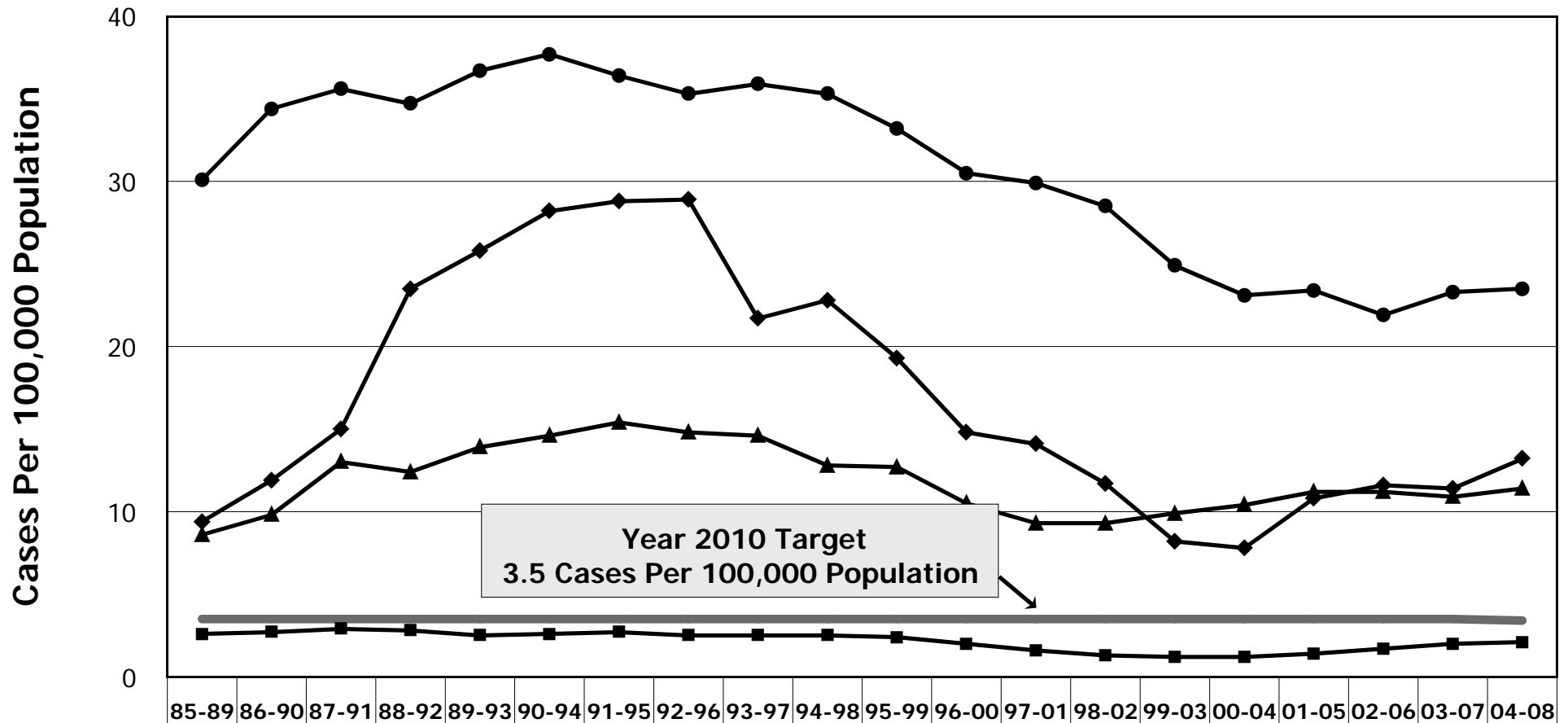
World region classifications adopted from *World Health Organization. Global Tuberculosis Control: Surveillance, Planning, Financing. WHO Report 2002*

\*Western Pacific excludes the Philippines and China; \*\*Latin America excludes Mexico

Source Data: RVCT (Report of Verified Case of Tuberculosis); 1993-2005

# Incidence Of Tuberculosis By Race/Ethnicity

5-Year Moving Averages, San Mateo County, 1985-2008



	85-89	86-90	87-91	88-92	89-93	90-94	91-95	92-96	93-97	94-98	95-99	96-00	97-01	98-02	99-03	00-04	01-05	02-06	03-07	04-08
All Races	7.9	9.2	10.5	10.9	11.6	12.3	12.6	12.4	12.4	12.2	11.8	10.5	10	9.5	8.7	8.5	9.4	9.3	9.9	10.1
Asian ●	30.1	34.4	35.6	34.7	36.7	37.7	36.4	35.3	35.9	35.3	33.2	30.5	29.9	28.5	24.9	23.1	23.4	21.9	23.3	23.5
Black ◆	9.4	11.9	15	23.5	25.8	28.2	28.8	28.9	21.7	22.8	19.3	14.8	14.1	11.7	8.2	7.8	10.8	11.6	11.4	13.2
Hispanic ▲	8.6	9.8	13	12.4	13.9	14.6	15.4	14.8	14.6	12.8	12.7	10.5	9.3	9.3	9.9	10.4	11.2	11.2	10.9	11.4
White ■	2.6	2.7	2.9	2.8	2.5	2.6	2.7	2.5	2.5	2.5	2.4	2	1.6	1.3	1.2	1.2	1.4	1.7	2	2.1

Rates are unadjusted

Source Data: RVCT (Report of Verified Case of Tuberculosis) 1985-2005; CDC *Morbidity and Mortality Weekly Report*

# Annual Incidence Of Diseases Preventable By Common Vaccines

Number Of Cases, San Mateo County, 1990-2008

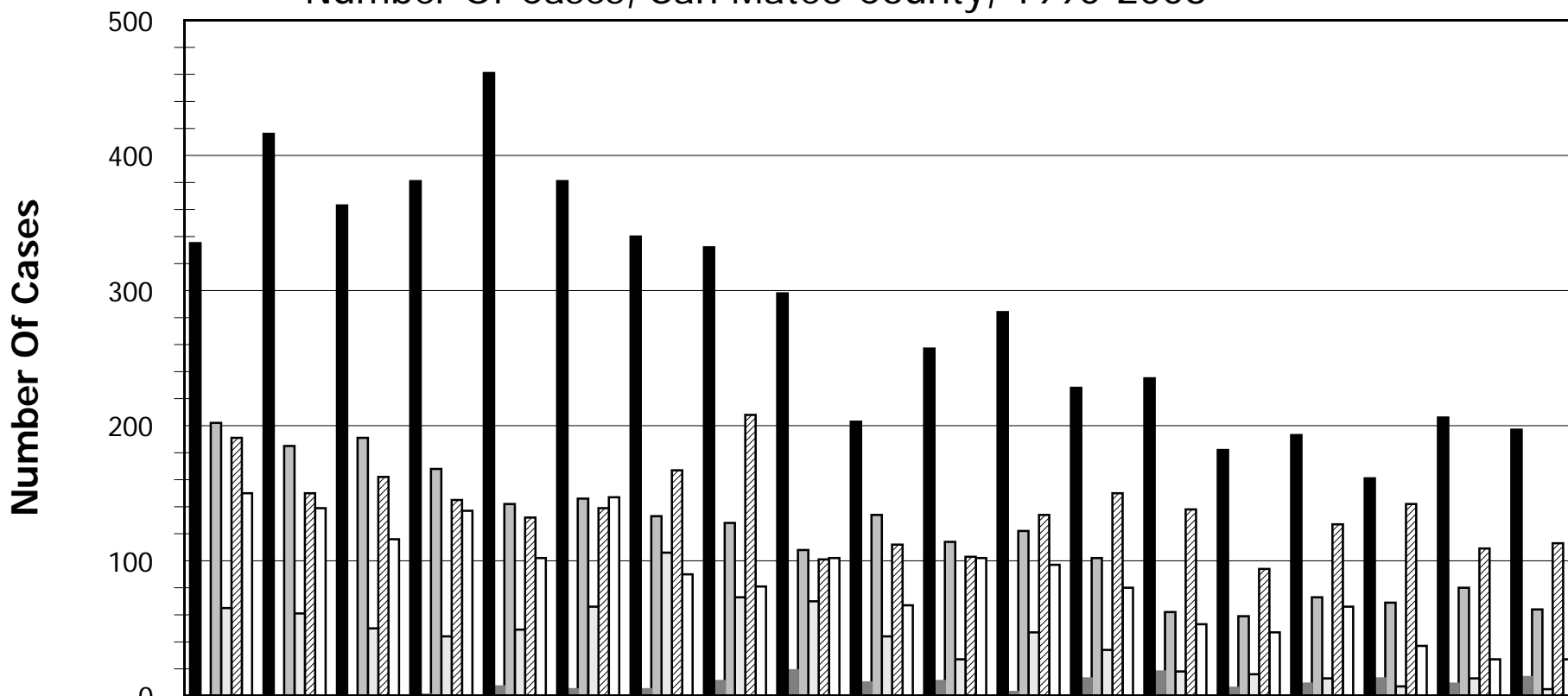
Disease	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08
<b>Diphtheria</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Haemophilus influenzae</i> *	7	4	2	1	1	0	0	3	1	0	0	1	0	0	0	0	0	2	1
<b>Hepatitis A</b>	65	61	50	44	49	66	106	73	70	44	27	47	34	18	16	13	6	13	5
<b>Hepatitis B (acute &amp; carrier)</b>	92	194	283	271	276	222	195	270	284	297	341	422	493	369	294	478	191	464	439
<b>Measles (Rubeola)</b>	39	15	1	2	2	1	0	2	0	0	3	1	0	1	0	0	0	0	0
<b>Mumps</b>	7	9	4	4	4	2	3	1	2	2	1	2	1	0	0	0	4	0	1
<b>Pertussis</b>	6	5	9	3	7	5	9	5	23	20	6	10	15	24	30	72	39	16	25
<b>Poliomyelitis</b>	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Rubella</b>	3	3	0	0	1	0	0	3	0	0	1	0	0	0	0	0	0	0	1
<b>Tetanus</b>	1	0	1	0	1	0	0	0	1	0	1	0	0	0	0	1	0	0	0

\* Includes both meningitis and sepsis

Source Data: California Confidential Morbidity Reports, 1990-2008

# Incidence Of Selected Enteric Pathogens

Number Of Cases, San Mateo County, 1990-2008



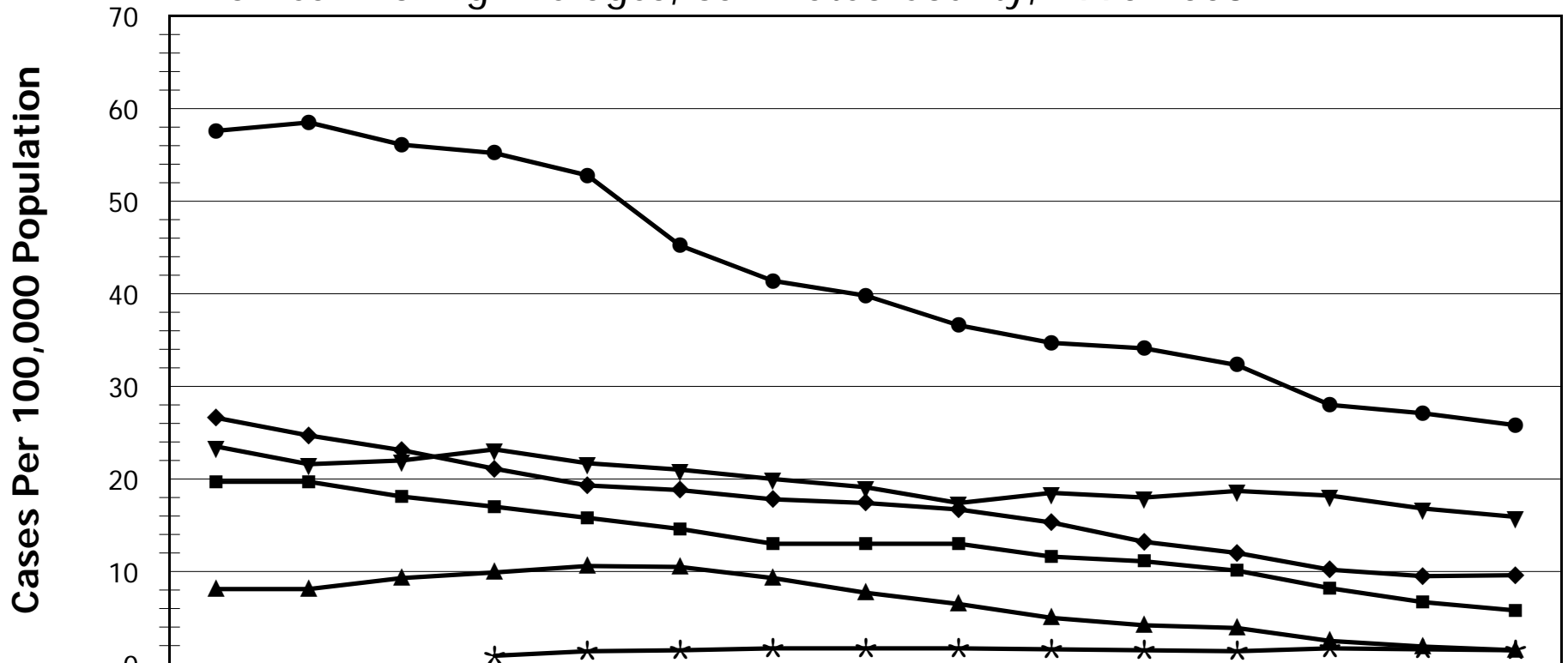
	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08
Campylobacter	335	416	363	381	461	381	340	332	298	203	257	284	228	235	182	193	161	206	197
E. coli O157:H7	*	*	*	1	7	5	5	11	19	10	11	3	13	18	6	9	13	9	14
Giardia	202	185	191	168	142	146	133	128	108	134	114	122	102	62	59	73	69	80	64
Hepatitis A	65	61	50	44	49	66	106	73	70	44	27	47	34	18	16	13	7	13	5
Salmonella	191	150	162	145	132	139	167	208	101	112	103	134	150	138	94	127	142	109	113
Shigella	150	139	116	137	102	147	90	81	102	67	102	97	80	53	47	66	37	27	27

\* *Escherichia coli* O157:H7 was not reportable prior to 1993

Source Data: California Confidential Morbidity Reports, 1990-2008

# Incidence Of Selected Enteric Pathogens

## 5-Year Moving Averages, San Mateo County, 1990-2008



	90-94	91-95	92-96	93-97	94-98	95-99	96-00	97-01	98-02	99-03	00-04	01-05	02-06	03-07	04-08
Campylobacter ●	57.6	58.5	56.1	55.2	52.8	45.2	41.4	39.8	36.6	34.7	34.1	32.3	28	27.1	25.8
E. coli O157:H7 *	*	*	*	0.9	1.4	1.5	1.7	1.7	1.7	1.6	1.5	1.4	1.7	1.6	1.5
Giardia ◆	26.6	24.7	23.1	21.1	19.3	18.8	17.8	17.4	16.7	15.3	13.2	12	10.2	9.5	9.6
Hepatitis A ▲	8.1	8.1	9.3	9.9	10.6	10.5	9.3	7.7	6.5	5	4.2	3.9	2.5	1.9	1.5
Salmonella ▼	23.5	21.6	22	23.2	21.7	21	20	19.1	17.4	18.5	18	18.7	18.2	16.8	15.9
Shigella ■	19.7	19.7	18.1	17	15.8	14.6	13	13	13	11.6	11.1	10.1	8.2	6.7	5.8

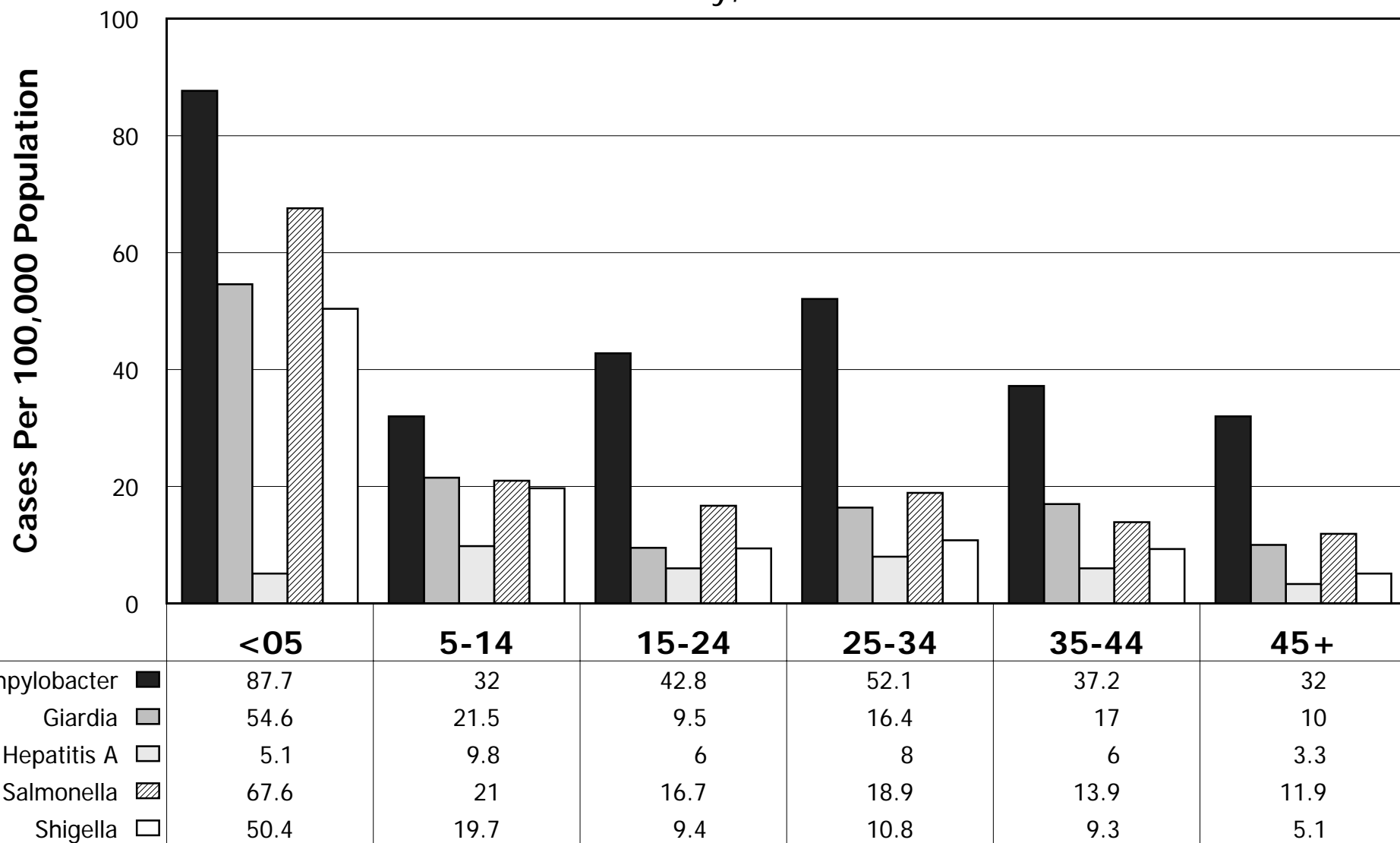
Rates are age-adjusted and standardized to Year 2000 United States population

\* *Escherichia coli* O157:H7 was not reportable prior to 1993

Source Data: California Confidential Morbidity Reports, 1990-2008

# Incidence Of Selected Enteric Pathogens By Age

San Mateo County, 1990-2008



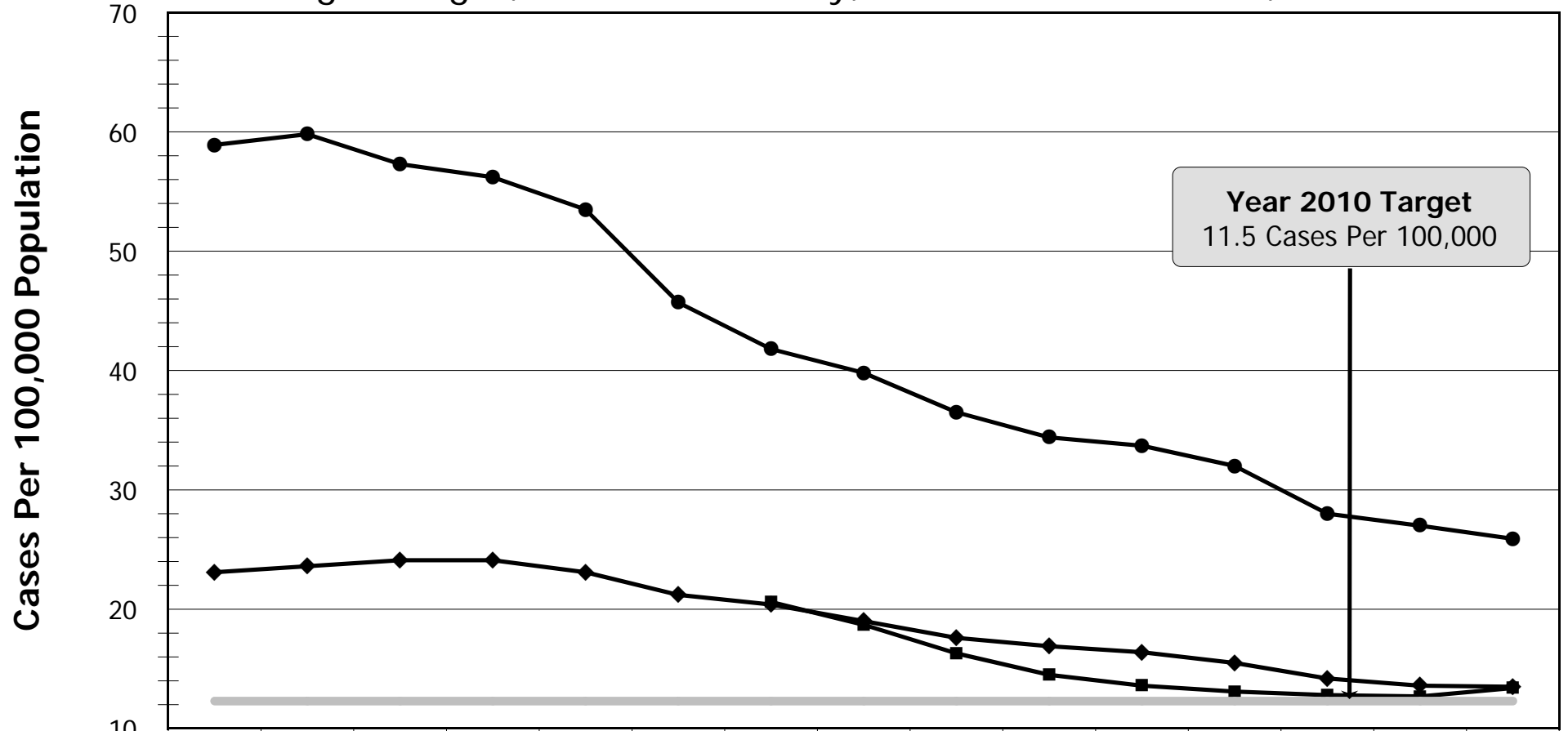
Age in years

Rates are unadjusted; age-specific rates for *Escherichia coli* O157:H7 are small and not presented; age information is unavailable for Campylobacter, Giardia, Salmonella and Shigella for 1990.

Source Data: California Confidential Morbidity Reports, 1990-2008

# Incidence Of Campylobacter

5-Year Moving Averages, San Mateo County, California and National, 1990-2008



**Year 2010 Target**  
11.5 Cases Per 100,000

	90-94	91-95	92-96	93-97	94-98	95-99	96-00	97-01	98-02	99-03	00-04	01-05	02-06	03-07	04-08
San Mateo ●	58.9	59.8	57.3	56.2	53.5	45.7	41.8	39.8	36.5	34.4	33.7	32	28	27	25.9
California ◆	23.1	23.6	24.1	24.1	23.1	21.2	20.4	19	17.6	16.9	16.4	15.5	14.2	13.6	13.5
National ■	*	*	*	*	*	*	20.6	18.7	16.3	14.5	13.6	13.1	12.8	12.7	13.4

Rates are unadjusted

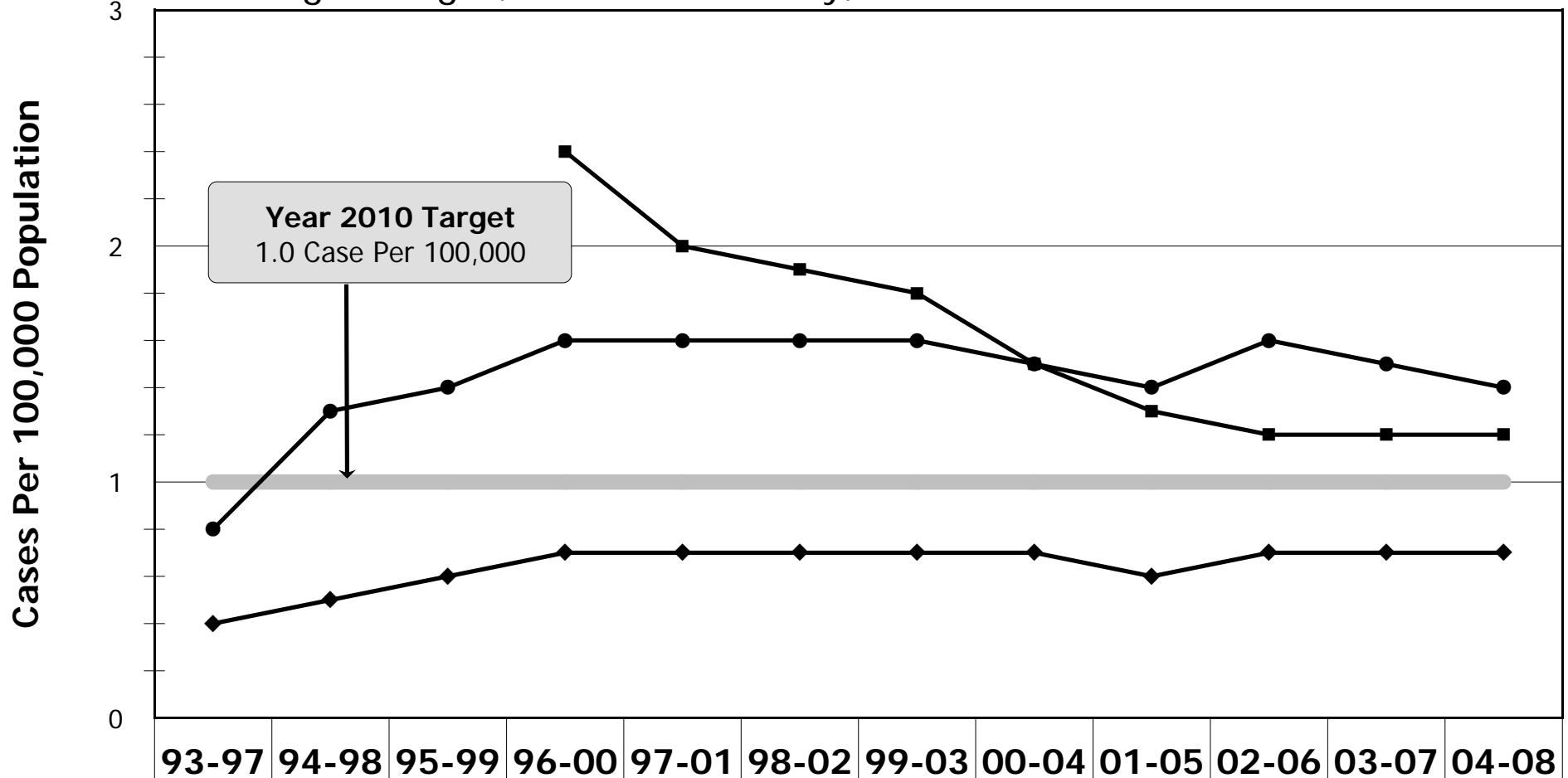
Source Data: California Confidential Morbidity Reports, 1990-2008; Foodborne Diseases Active Surveillance Network (FoodNet) annual reports 1996-2008

\*FoodNet was established in 1996



# Incidence Of *Escherichia coli* O157:H7

5-Year Moving Averages, San Mateo County, California and National 1993-2008



	93-97	94-98	95-99	96-00	97-01	98-02	99-03	00-04	01-05	02-06	03-07	04-08
San Mateo ●	0.8	1.3	1.4	1.6	1.6	1.6	1.6	1.5	1.4	1.6	1.5	1.4
California ◆	0.4	0.5	0.6	0.7	0.7	0.7	0.7	0.7	0.6	0.7	0.7	0.7
National ■	*	*	*	2.4	2	1.9	1.8	1.5	1.3	1.2	1.2	1.2

Rates are unadjusted

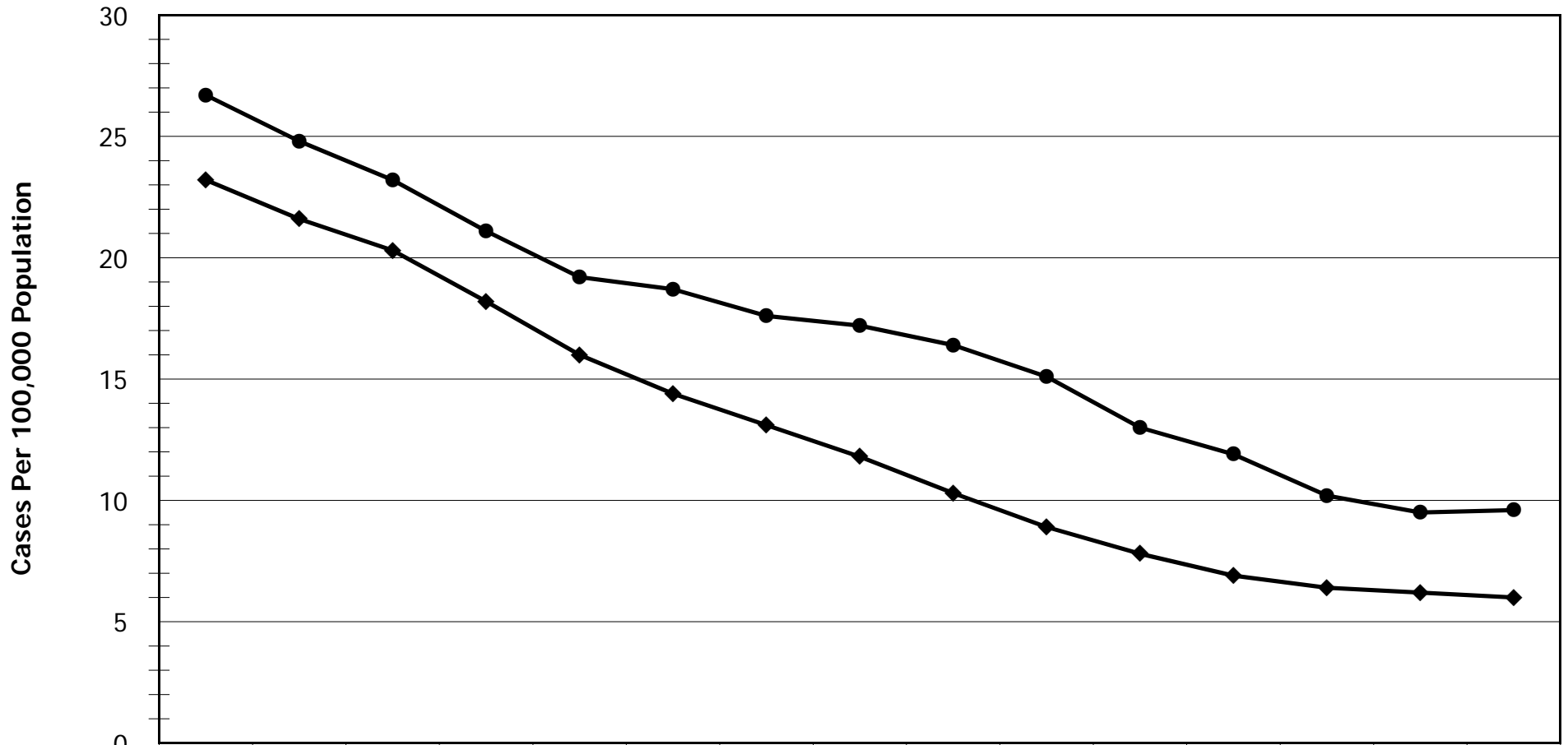
*Escherichia coli* O157:H7 was not reportable prior to 1993

Source Data: California Confidential Morbidity Reports, 1993-2008; Foodborne Diseases Active Surveillance Network (FoodNet) annual reports 1996-2008

\*FoodNet was established in 1996

# Incidence Of Giardia

5-Year Moving Averages, San Mateo County and California, 1990-2008



	90-94	91-95	92-96	93-97	94-98	95-99	96-00	97-01	98-02	99-03	00-04	01-05	02-06	03-07	04-08
San Mateo ●	26.7	24.8	23.2	21.1	19.2	18.7	17.6	17.2	16.4	15.1	13	11.9	10.2	9.5	9.6
California ◆	23.2	21.6	20.3	18.2	16	14.4	13.1	11.8	10.3	8.9	7.8	6.9	6.4	6.2	6

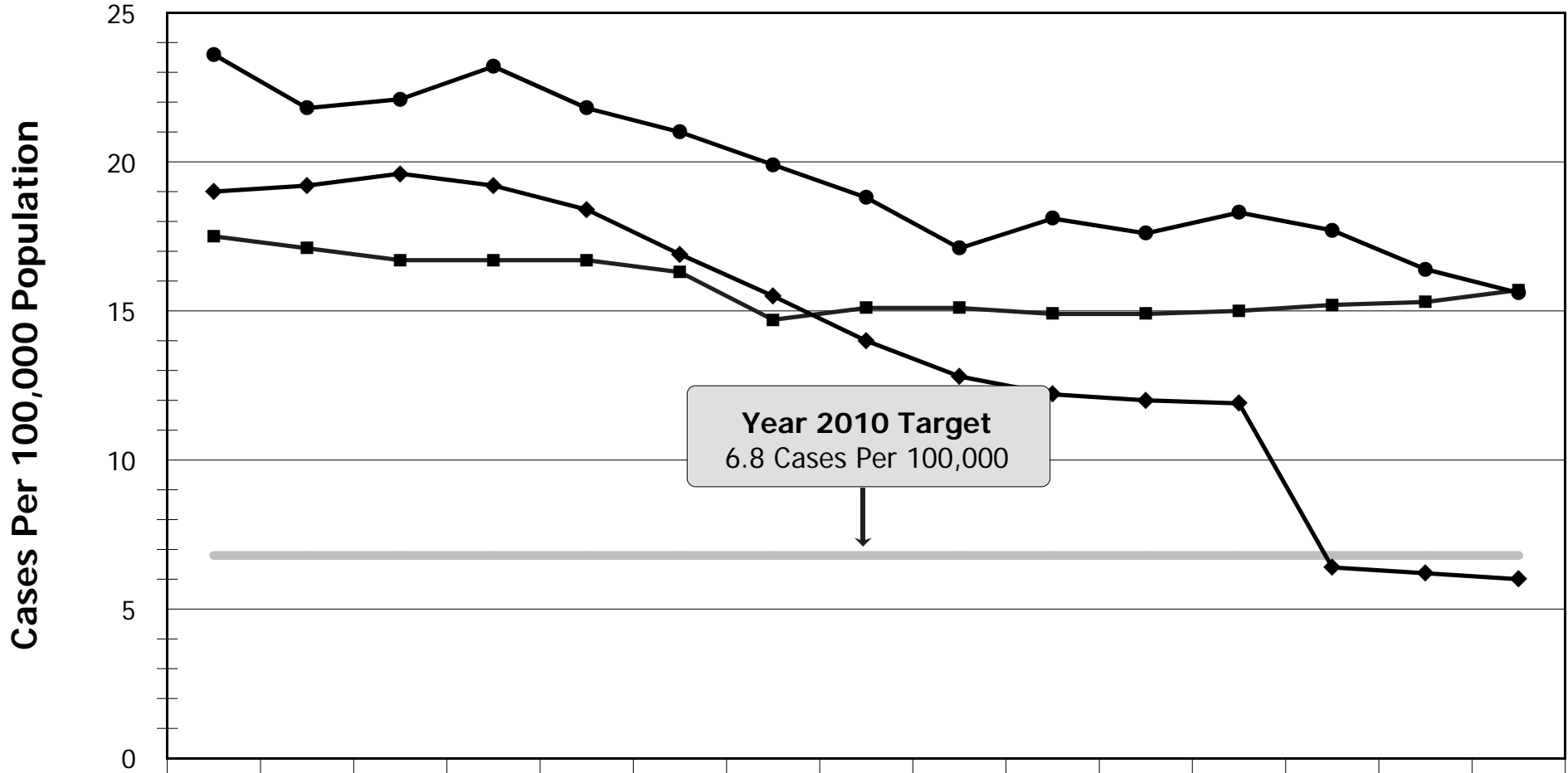
Rates are unadjusted

National data for *Giardia* not available

Source Data: California Confidential Morbidity Reports, 1990-2008

# Incidence Of Salmonella

5-Year Moving Averages, San Mateo County, California and National, 1990-2008



Year 2010 Target  
6.8 Cases Per 100,000

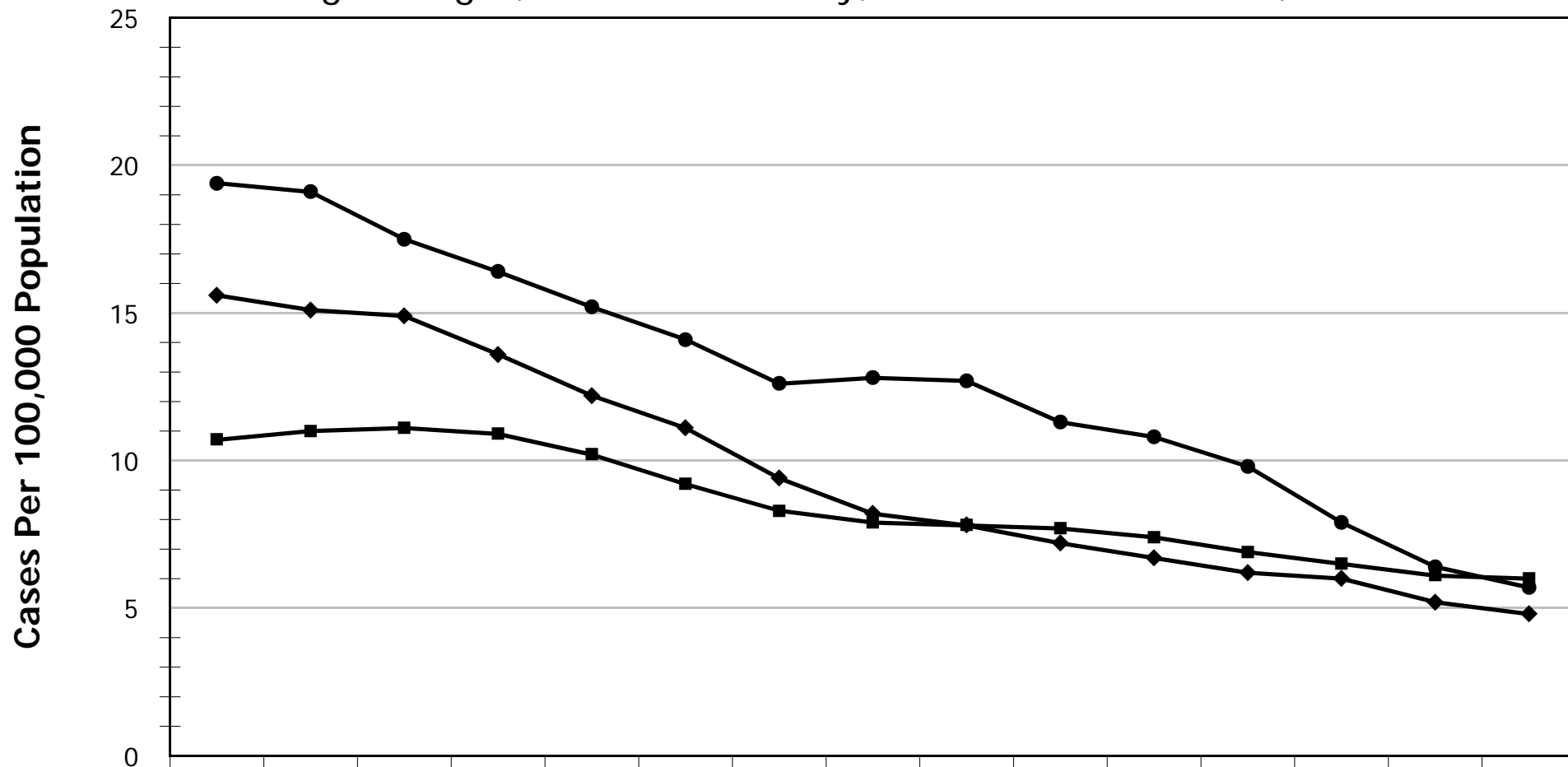
	90-94	91-95	92-96	93-97	94-98	95-99	96-00	97-01	98-02	99-03	00-04	01-05	02-06	03-07	04-08
San Mateo ●	23.6	21.8	22.1	23.2	21.8	21	19.9	18.8	17.1	18.1	17.6	18.3	17.7	16.4	15.6
California ◆	19	19.2	19.6	19.2	18.4	16.9	15.5	14	12.8	12.2	12	11.9	6.4	6.2	6
National ■	17.5	17.1	16.7	16.7	16.7	16.3	14.7	15.1	15.1	14.9	14.9	15	15.2	15.3	15.7

Rates are unadjusted

Source Data: California Confidential Morbidity Reports, 1990-2008; CDC MMWR *Summary of Notifiable Diseases* 1990-2008

# Incidence Of Shigella

5-Year Moving Averages, San Mateo County, California and National, 1990-2008



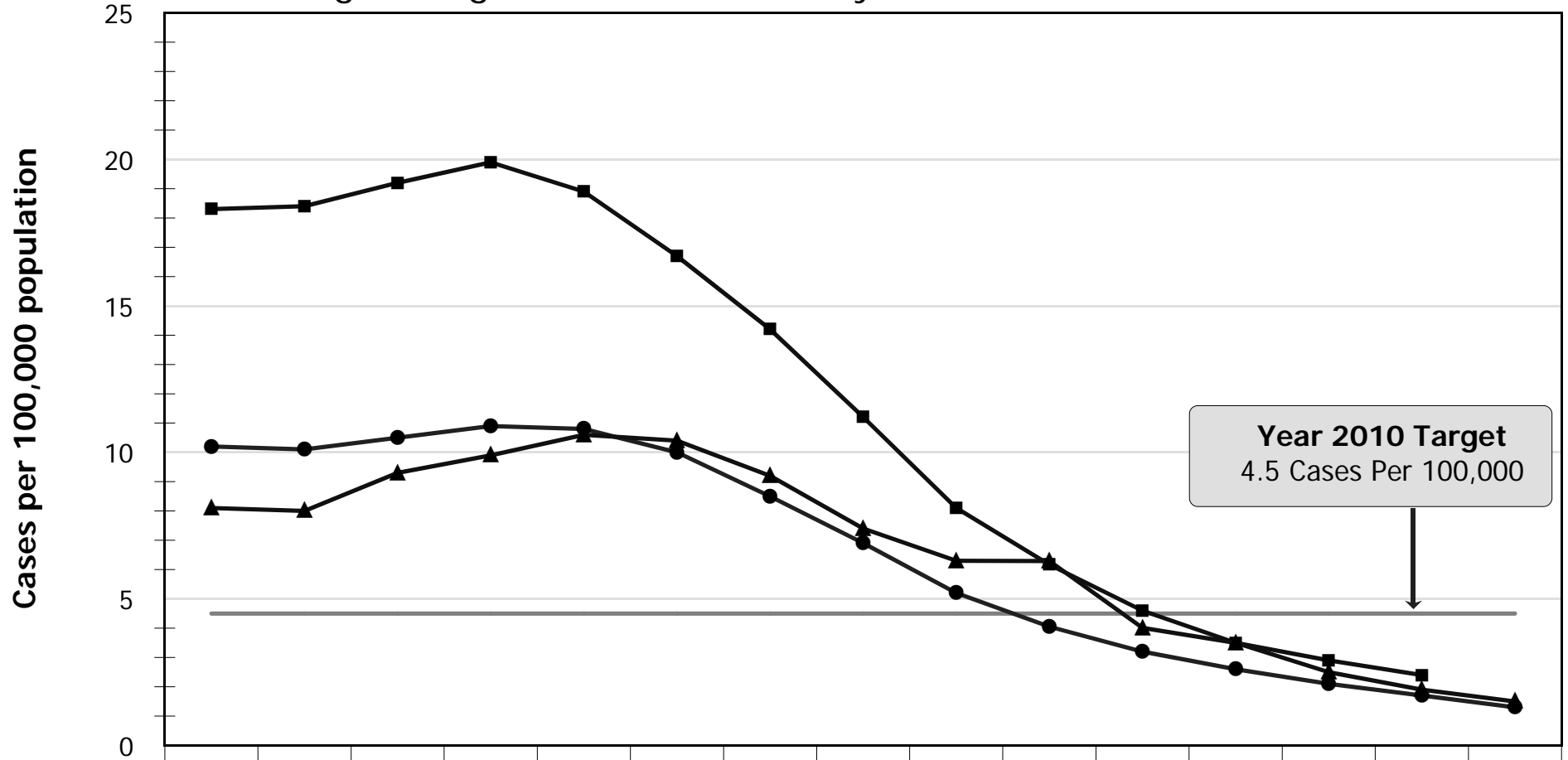
	90-94	91-95	92-96	93-97	94-98	95-99	96-00	97-01	98-02	99-03	00-04	01-05	02-06	03-07	04-08
San Mateo ●	19.4	19.1	17.5	16.4	15.2	14.1	12.6	12.8	12.7	11.3	10.8	9.8	7.9	6.4	5.7
California ◆	15.6	15.1	14.9	13.6	12.2	11.1	9.4	8.2	7.8	7.2	6.7	6.2	6	5.2	4.8
National ■	10.7	11	11.1	10.9	10.2	9.2	8.3	7.9	7.8	7.7	7.4	6.9	6.5	6.1	6

Rates are unadjusted

Source Data: California Confidential Morbidity Reports, 1990-2008; CDC MMWR *Summary of Notifiable Diseases* 1990-2008

# Incidence Of Hepatitis A

5-Year Moving Averages, San Mateo County, California and National, 1990-2008



	90-94	91-95	92-96	93-97	94-98	95-99	96-00	97-01	98-02	99-03	00-04	01-05	02-06	03-07	04-08
San Mateo ▲	8.1	8	9.3	9.9	10.6	10.4	9.2	7.4	6.3	6.29	4.01	3.5	2.5	1.9	1.5
California ■	18.3	18.4	19.2	19.9	18.9	16.7	14.2	11.2	8.1	6.17	4.6	3.5	2.9	2.4	*
National ●	10.2	10.1	10.5	10.9	10.8	10	8.5	6.9	5.2	4.05	3.2	2.6	2.1	1.7	1.3

Rates are unadjusted

Source Data: Vaccine Preventable Diseases and Immunizations Report, 2001-2007; CDC MMWR Summary of Notifiable Disease 1990-2004.

\* 2008 California data not available at time of publication

# Incidence Of Diseases Caused By Potential Biological Agents

Number Of Cases, San Mateo County and California, 1994-2008

		San Mateo County															Average Annual Number								
		1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	1994-98	1999-03	2004-08	SMC	CA	SMC	CA	SMC	CA
Category A	Smallpox*	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
	Anthrax	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0	0	0	0	0			
	Plague	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.2	0.1	0	0	0	0.1			
	Tularemia	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0.1	0	0	0	0.1			
	Infant Botulism	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0.6	0.3	0.2	0	0	0.2			
	Other Botulism	0	0	0	0	2	0	0	0	0	0	1	0	0	0	2	0.4	0.4	0	0.2	0.6	0.6			
	VHF**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Category B	Brucella	0	1	3	1	0	1	0	1	0	1	1	0	1	2	1	1	0.9	0.6	0.6	1	1.1			
	Q Fever	0	0	28	2	0	0	0	0	0	1	2	0	0	0	0	6	2.6	0.2	0.6	0.4	1.8			
	Salmonella	132	139	167	208	101	112	103	134	150	138	94	132	142	109	113	149.4	145.4	127.4	129.6	118	128.8			
	Shigella	102	147	90	81	102	65	102	97	80	53	47	66	37	27	27	104.4	97	79.4	68.6	40.8	67			
	Cholera	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.8	0.1	0	0	0	0.2			
	Cryptosporidium	1	2	5	6	7	5	5	3	12	5	11	7	13	9	16	4.2	7.3	6	7.6	11.2	8.5			

\*Last known case of naturally occurring smallpox worldwide was in 1977; \*\*Viral Hemorrhagic Fevers  
Source Data: California Confidential Morbidity Reports, 1994-2008;