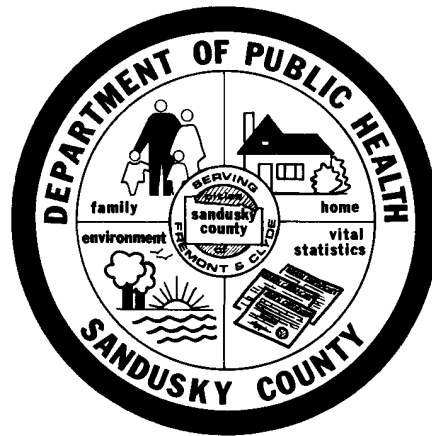


Sandusky County

A Demographic and Health Compilation

Fall 2001



**Prepared by Amanda Harpster
Health Data Evaluation Specialist
Sandusky County Health Department**

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 - 3. Stroke**
 - 4. Accident**
 - a. Crash Statistics**
 - b. Farm Fatalities**
 - 5. COPD**
 - 6. Diabetes**
 - C. Other Diseases and Causes**

Data Sources:

- Bellevue Chamber of Commerce, 2001
- Chamber of Commerce of Sandusky County, 2001
- City of Clyde, 2001
- City of Fremont, 2001
- ODH Data Warehouse, 2001
- ODH/Ohio WIC Program Profile
- ODH State Health Resources Plan, 2001
- ODH Vital Statistics Reports, 1990-1998



Data Sources (cont.):

- Ohio Dept of Human Services, 2001
- Ohio Dept of Job and Family Services, 2001
- Ohio Health Commission's Report, *Changing Lives*, January 2001
- Ohio Migrant Labor Census, 2000
- Sandusky County Health Department
- US Census Bureau

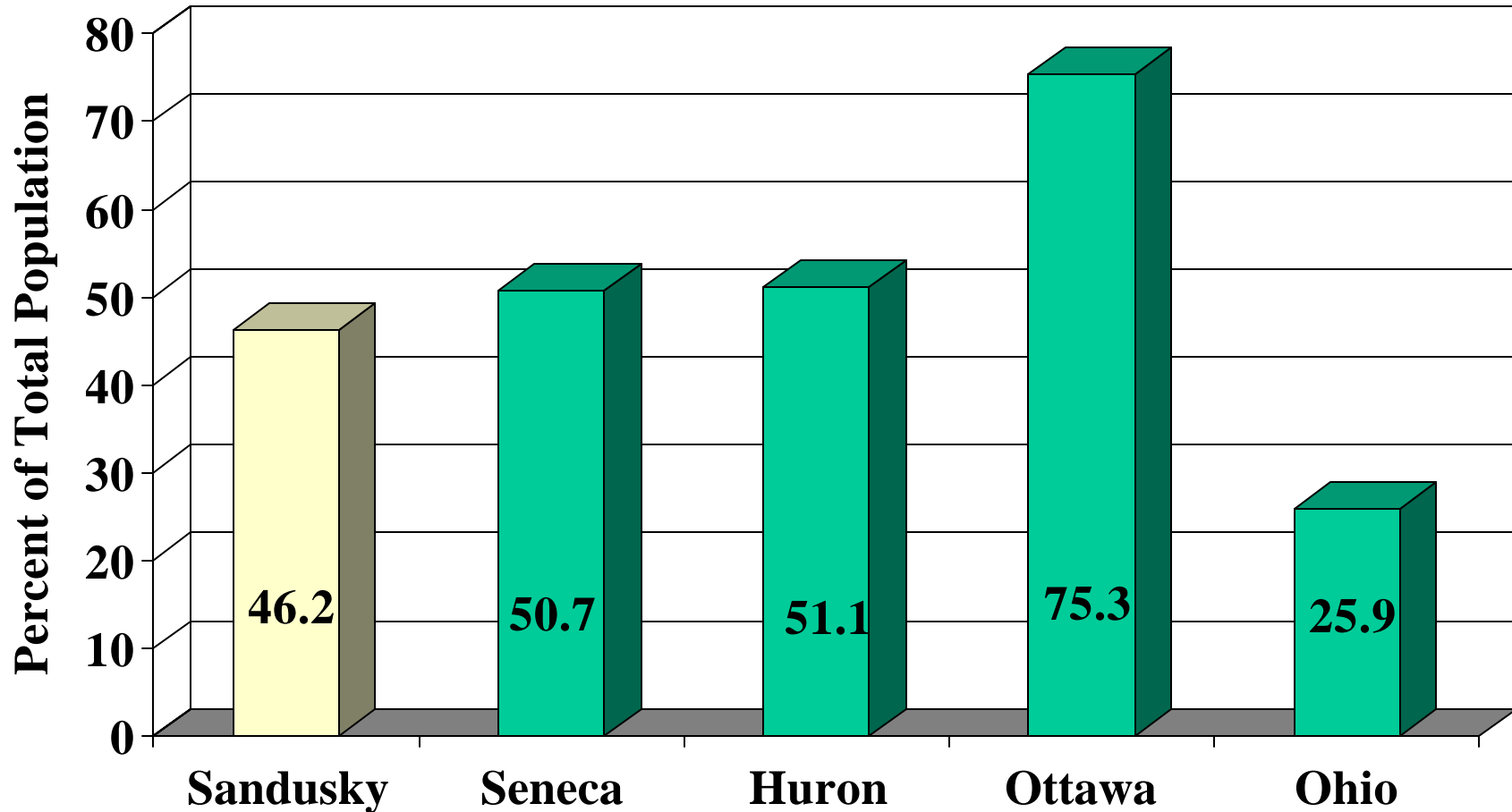


Population information

Compiled for Health Partners by
Fall 2001



Percent of Rural Sandusky County Population, 1990



2000 Statistics not available at time of report

Source: US Census Bureau, 1990

Compiled for Health Partners by
Fall 2001

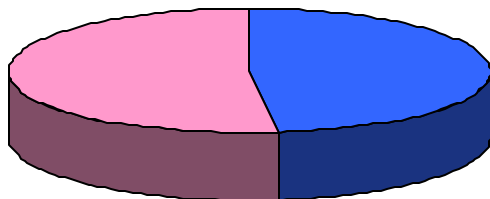


Sandusky County Gender Distribution, 2000

Sandusky County

Female
52%

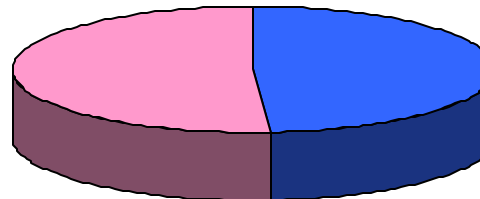
Male
48%



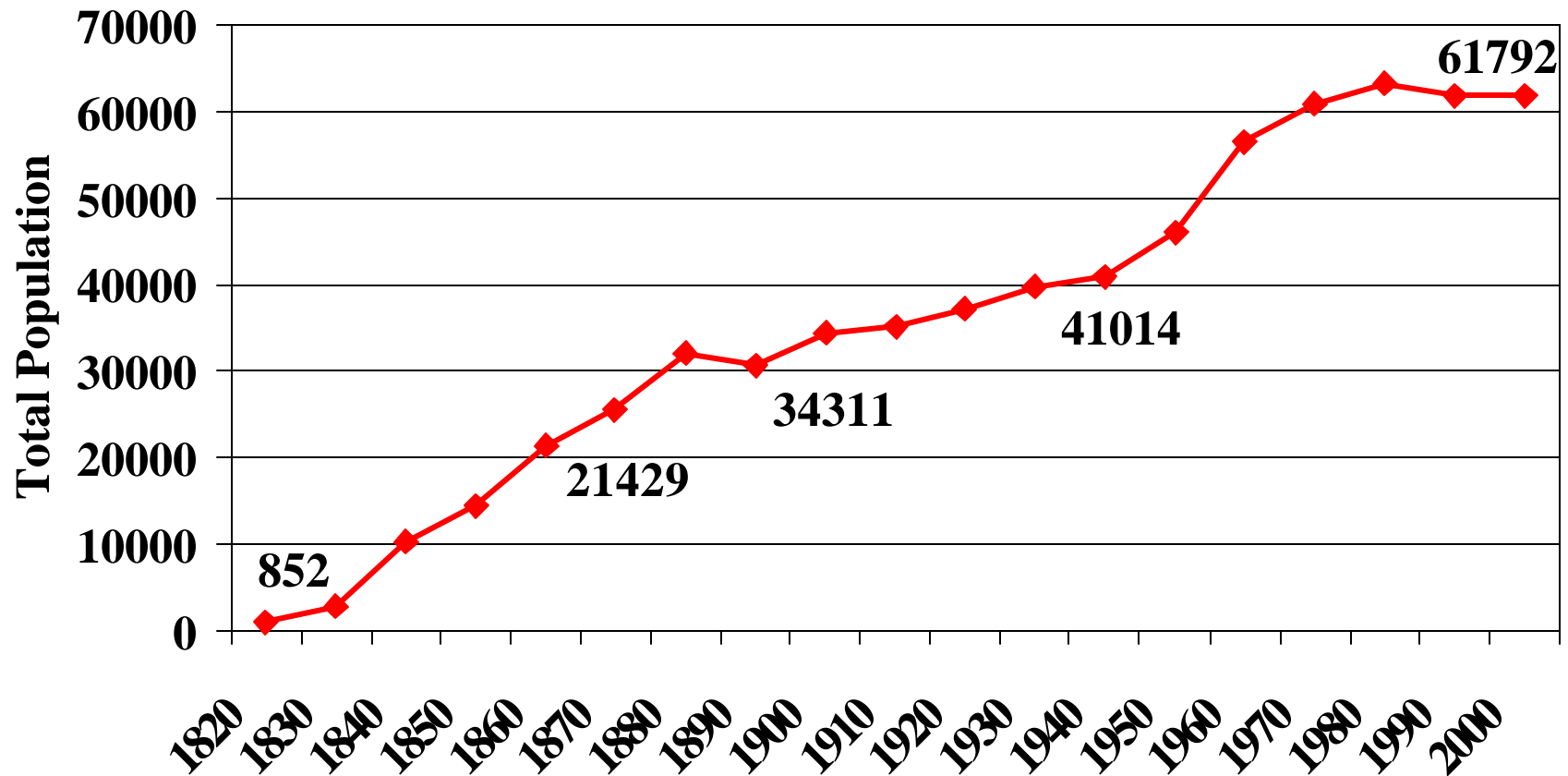
Ohio

Female
51%

Male
49%



Sandusky County Decennial Census, 2000

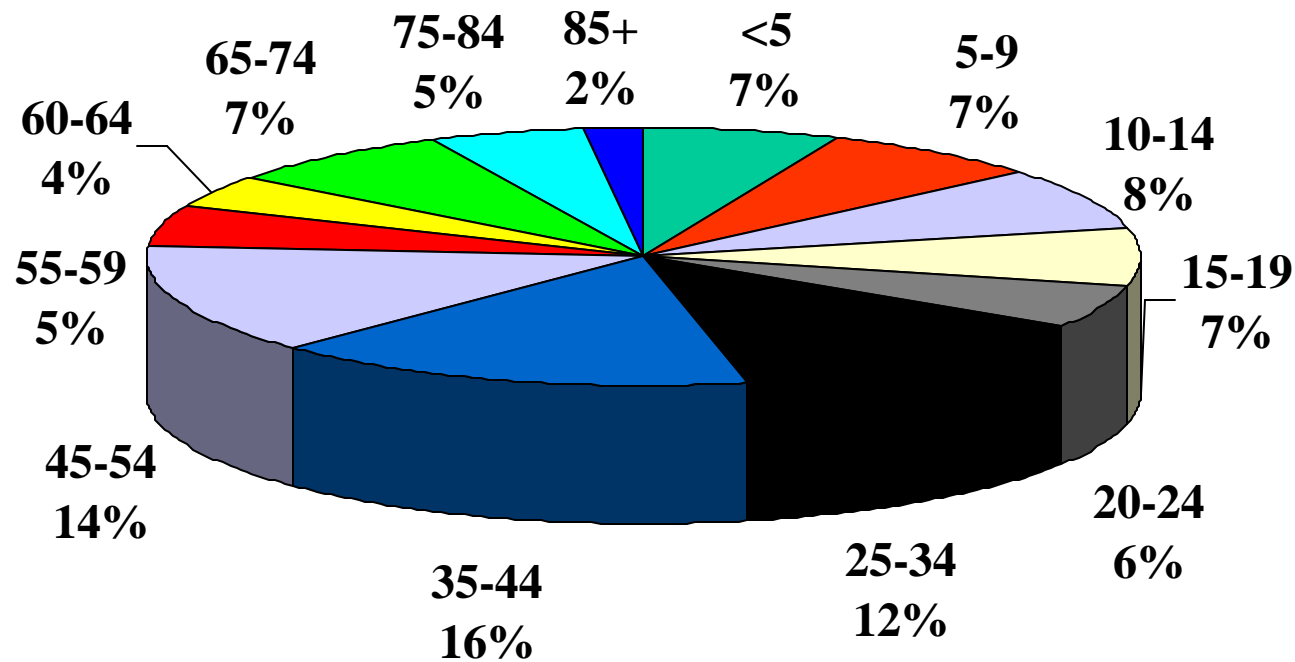


Source: US Census Bureau, 2000

Compiled for Health Partners by
Fall 2001



Sandusky County Age Distribution, 2000

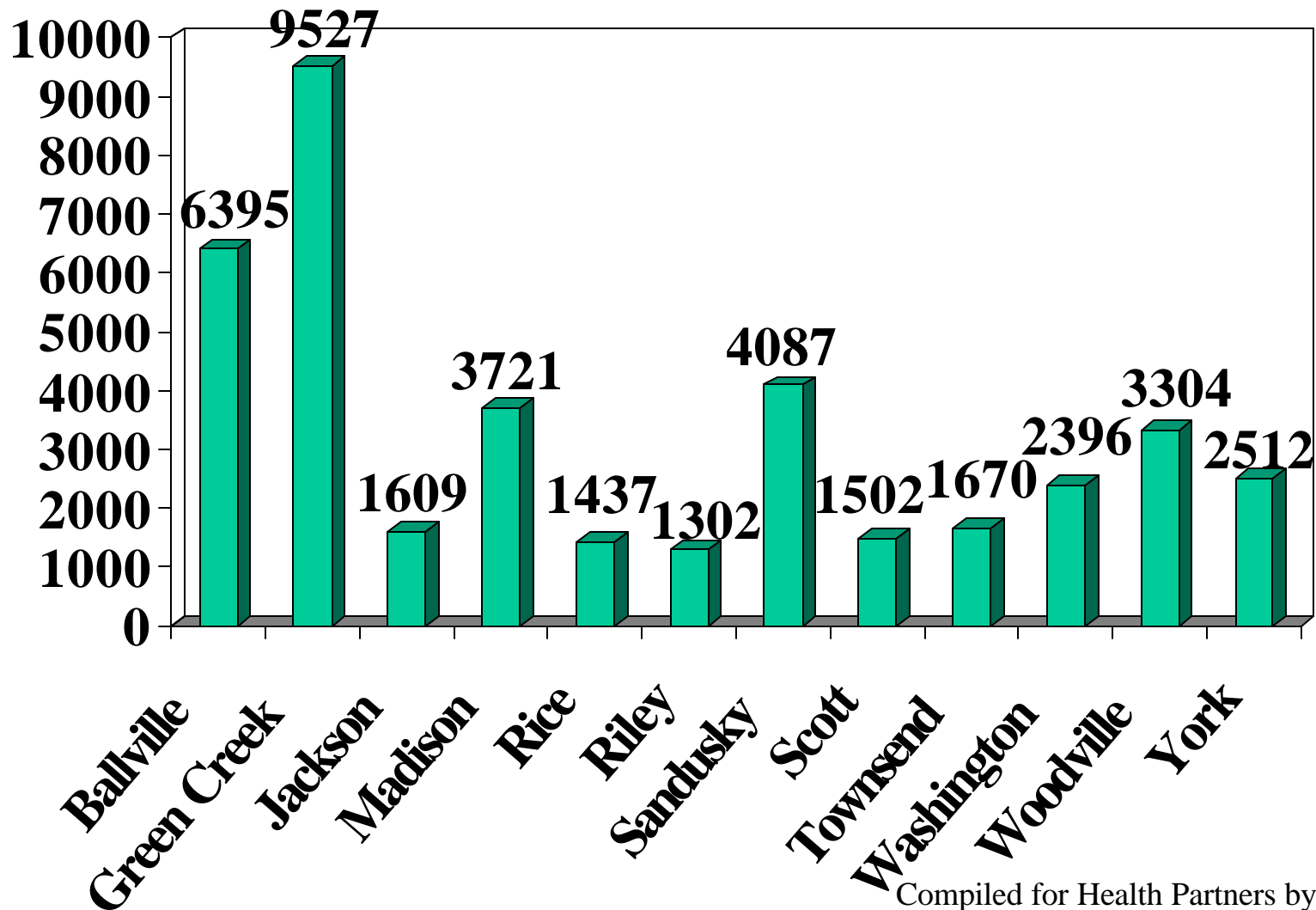


Source: US Census Bureau, 2000

Compiled for Health Partners by
Fall 2001



Population Distributions Among Sandusky County Townships, 2000



Source: US Census Bureau, 2000

Compiled for Health Partners by
Fall 2001



Sandusky County Population

- 61,792 Total Population (-0.28% change from 1990)
- 45,624 (73.8 %) 18 years and older

Ohio Population

- 11,353,140 Total Population



Bellevue Population

City of Bellevue

- 6,019 (73.5%) Ages 18 years and older

Sandusky County

- 45,624 (73.8%) Ages 18 years and older

Ohio

- 8,464,801 (74.6%) Ages 18 years and older



Clyde Population

City of Clyde

- 4,426 (73.0%) Ages 18 years and older

Sandusky County

- 45,624 (73.8%) Ages 18 years and older

Ohio

- 8,464,801 (74.6%) Ages 18 years and older



Fremont Population

City of Fremont

- 12,578 (72.4%) Ages 18 years and older

Sandusky County

- 45,624 (73.8%) Ages 18 years and older

Ohio

- 8,464,801 (74.6%) Ages 18 years and older



Sandusky County Cities and Villages

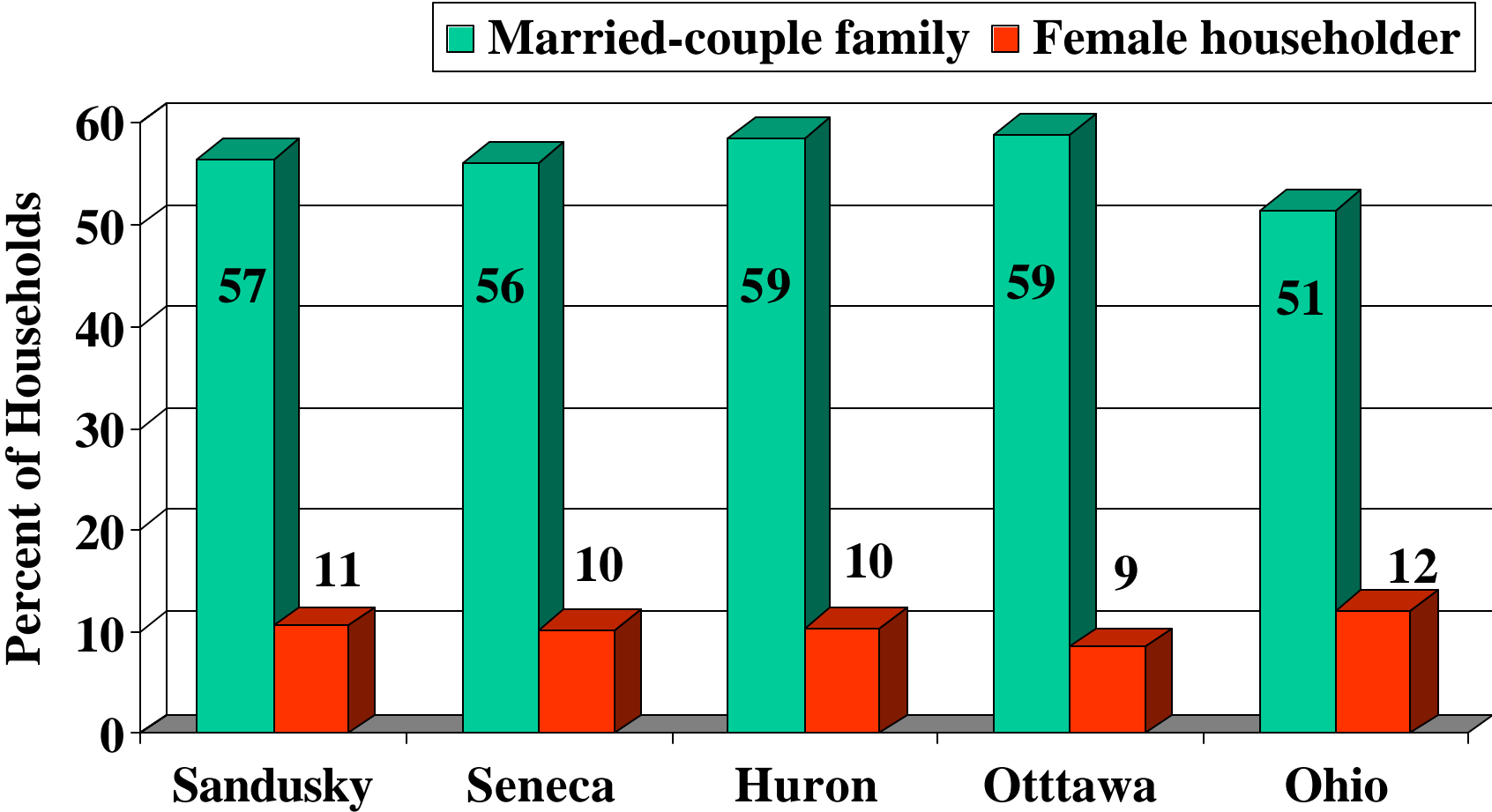
	<u>1990</u>	<u>2000</u>	<u>Change</u>
Fremont	17,619	17,375	-1.4%
Bellevue	8,157	8,193	+0.4%
Clyde	6,087	6,064	-0.4%
Gibsonburg	2,579	2,506	-2.8%
Woodville	1,953	1,977	+1.2%
Green Springs	1,446	1,247	-13.7%
Lindsey	529	504	-4.7%
Helena	267	236	-11.6%
Burgoon	224	199	-11.2%

Source: US Census Bureau, 2001

Compiled for Health Partners by
Fall 2001



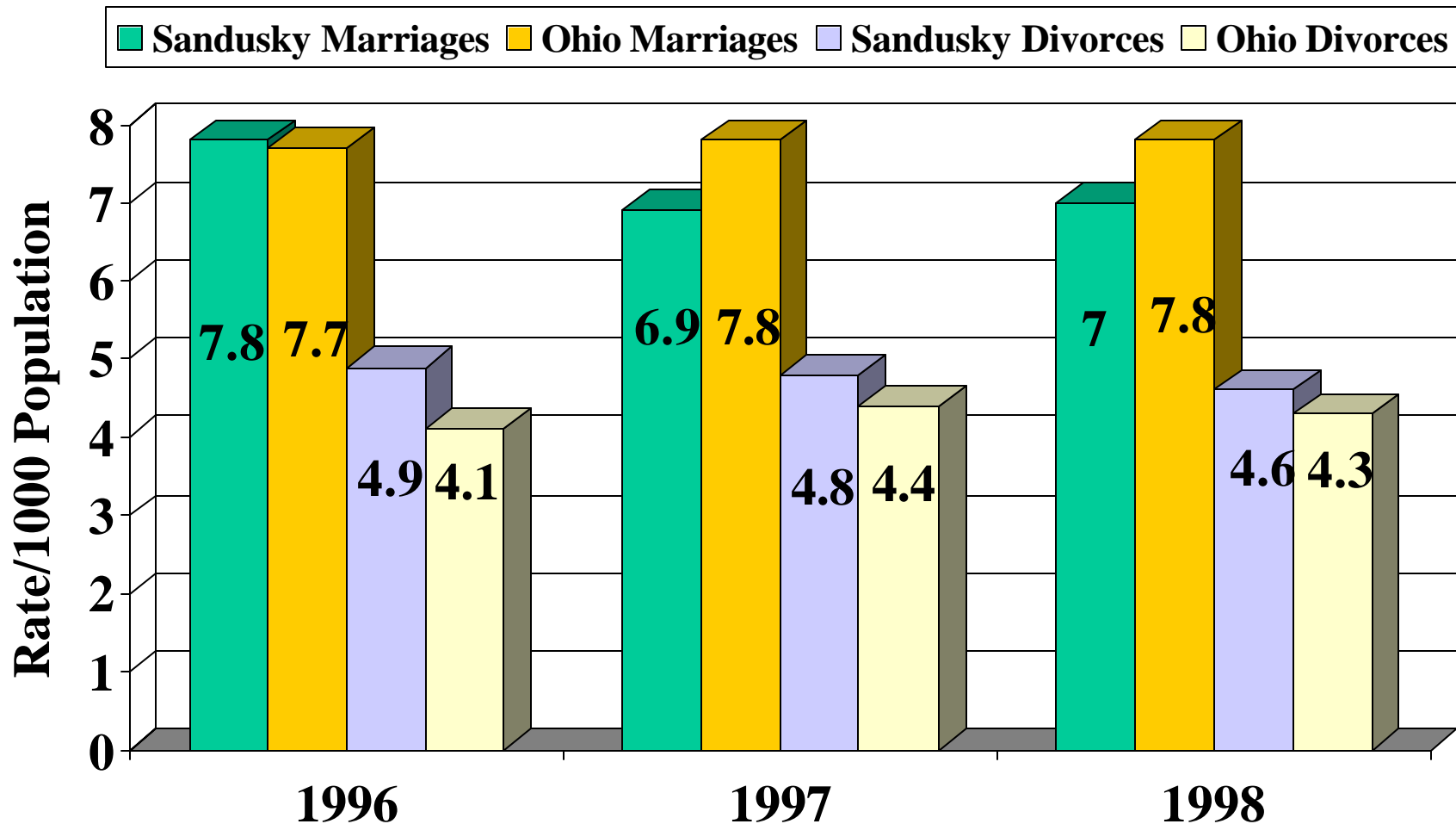
Sandusky County Family Households, 2000



Source: US Census Bureau, 2001



Sandusky County Marriages and Divorces, 1996-1998

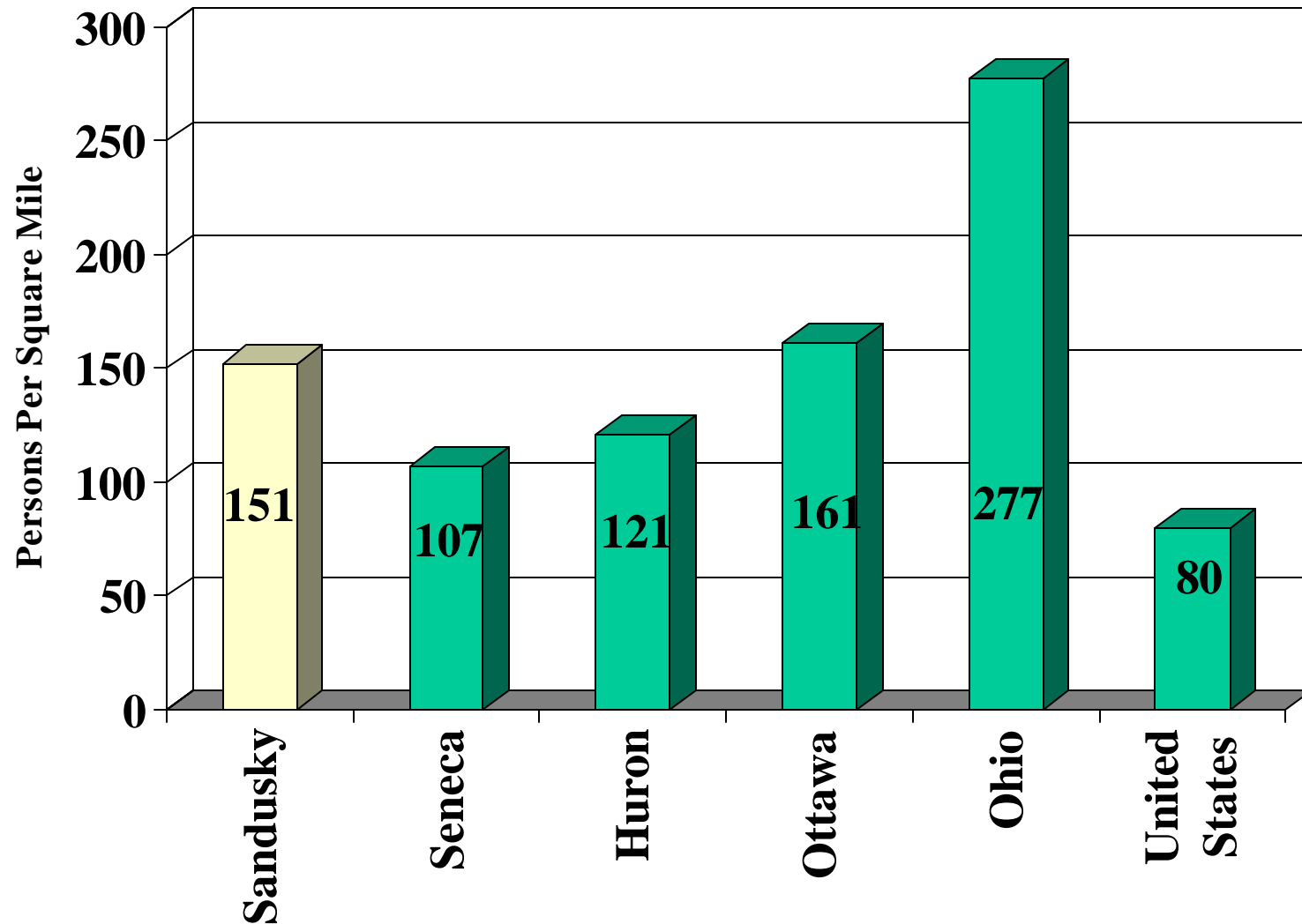


Source: ODH Data Warehouse, 2001

Compiled for Health Partners by
Fall 2001



Persons Per Square Mile, 2000

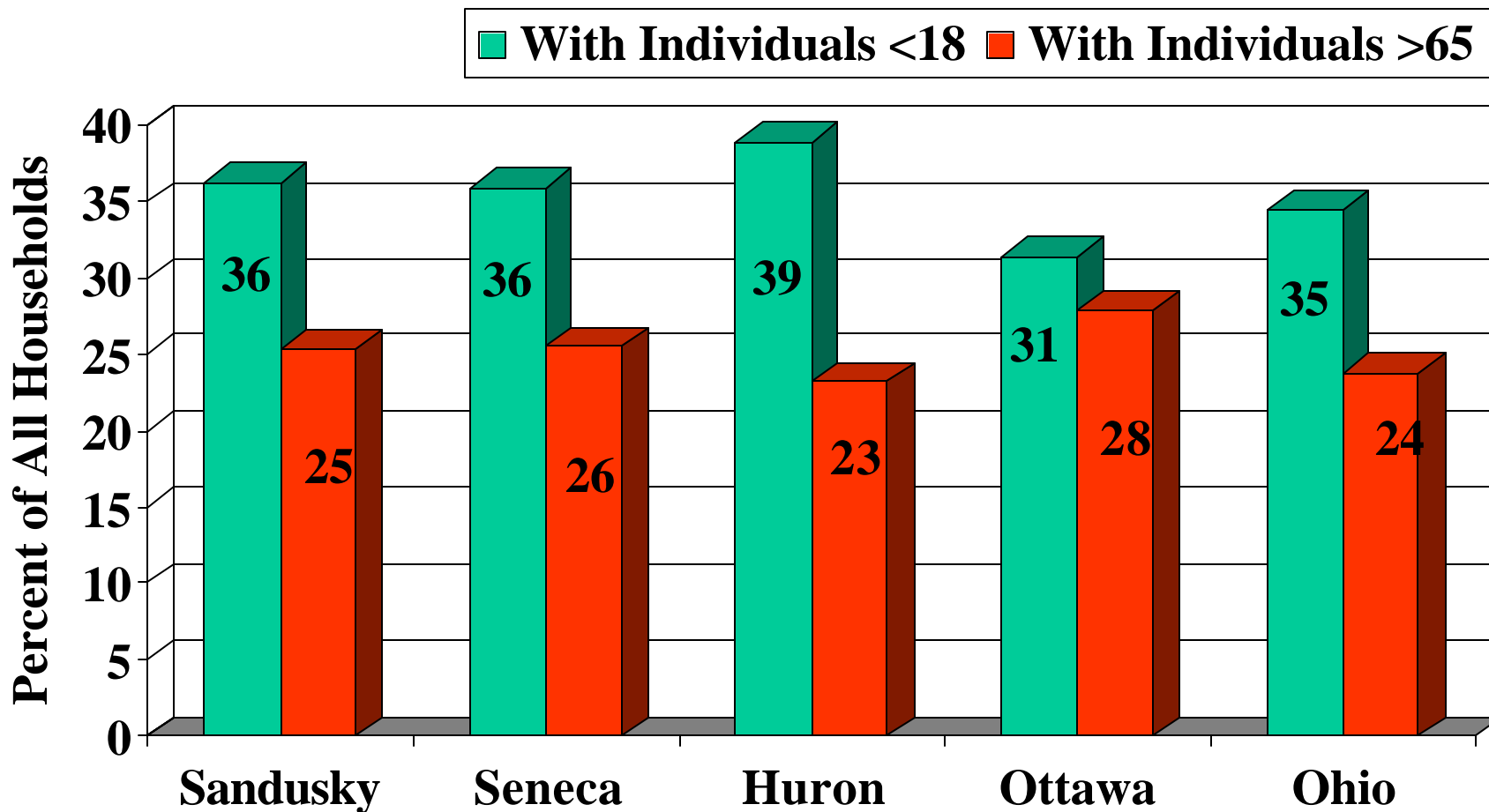


Source: US Census Bureau, 2000

Compiled for Health Partners by
Fall 2001



Sandusky County Households Containing Certain Age Groups, 2000

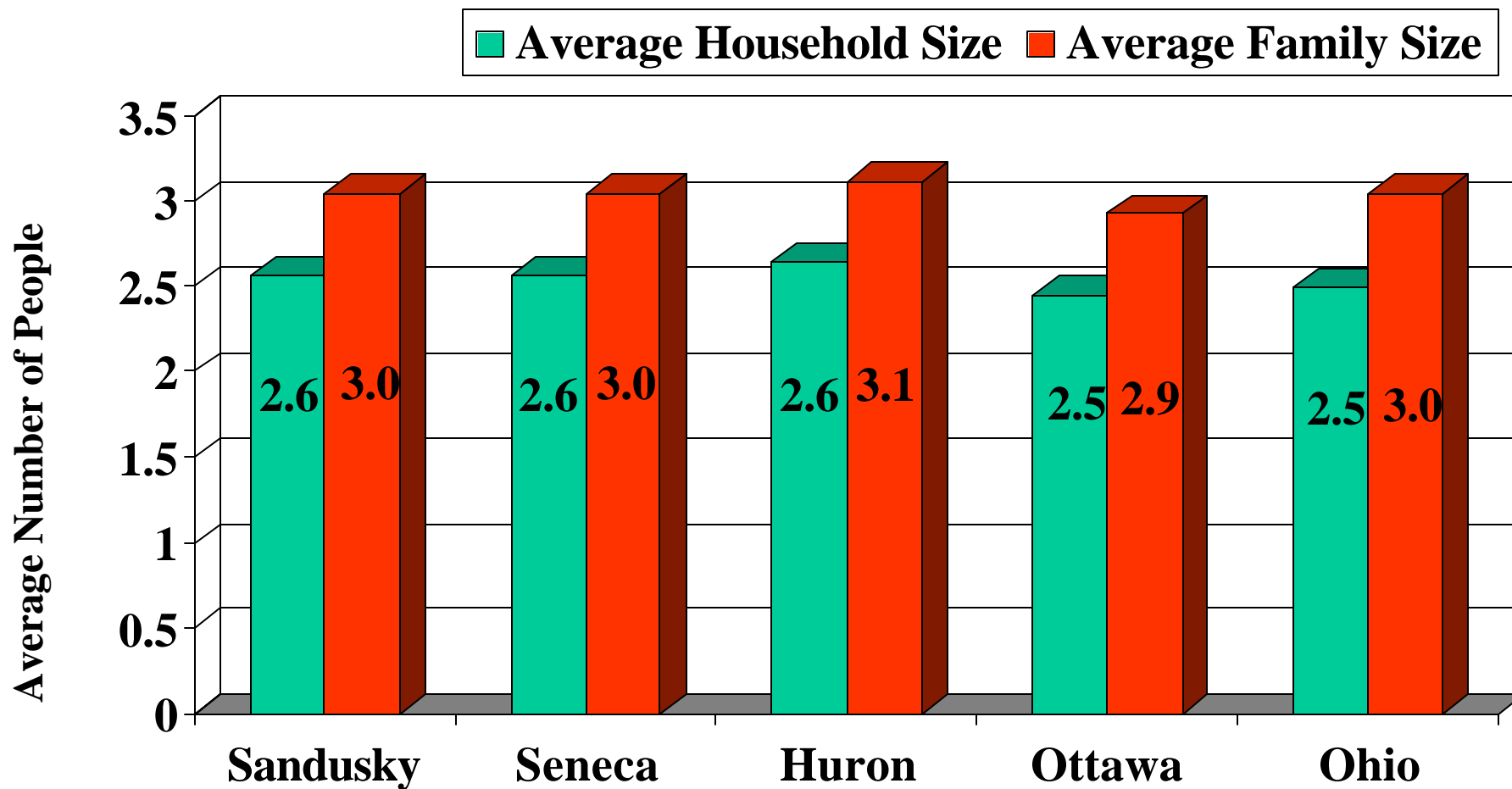


Source: US Census Bureau, 2001

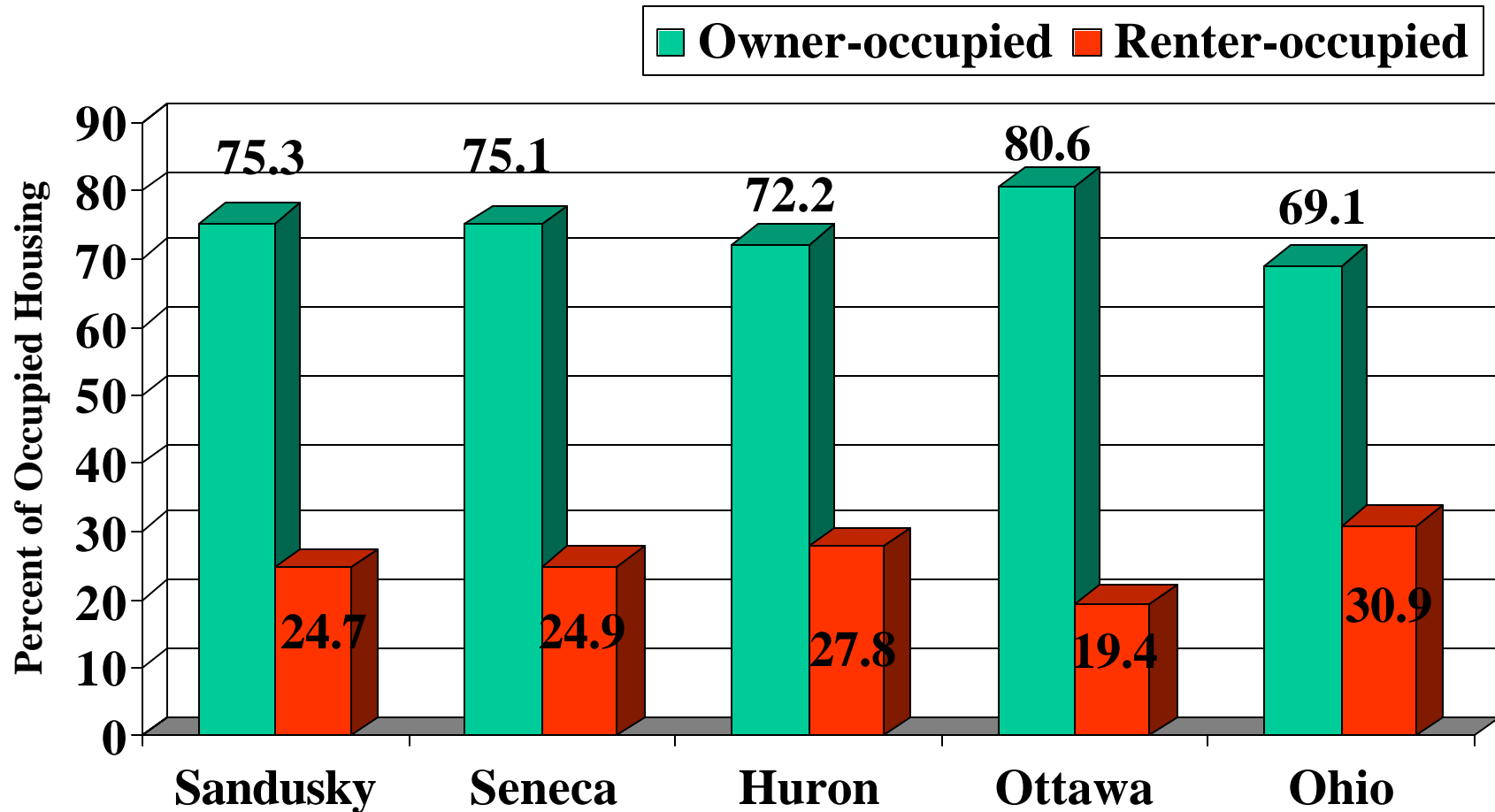
Compiled for Health Partners by
Fall 2001



Sandusky County Averages for Family and Household Size, 2000



Sandusky County Housing Tenure of Occupied Housing Units, 2000

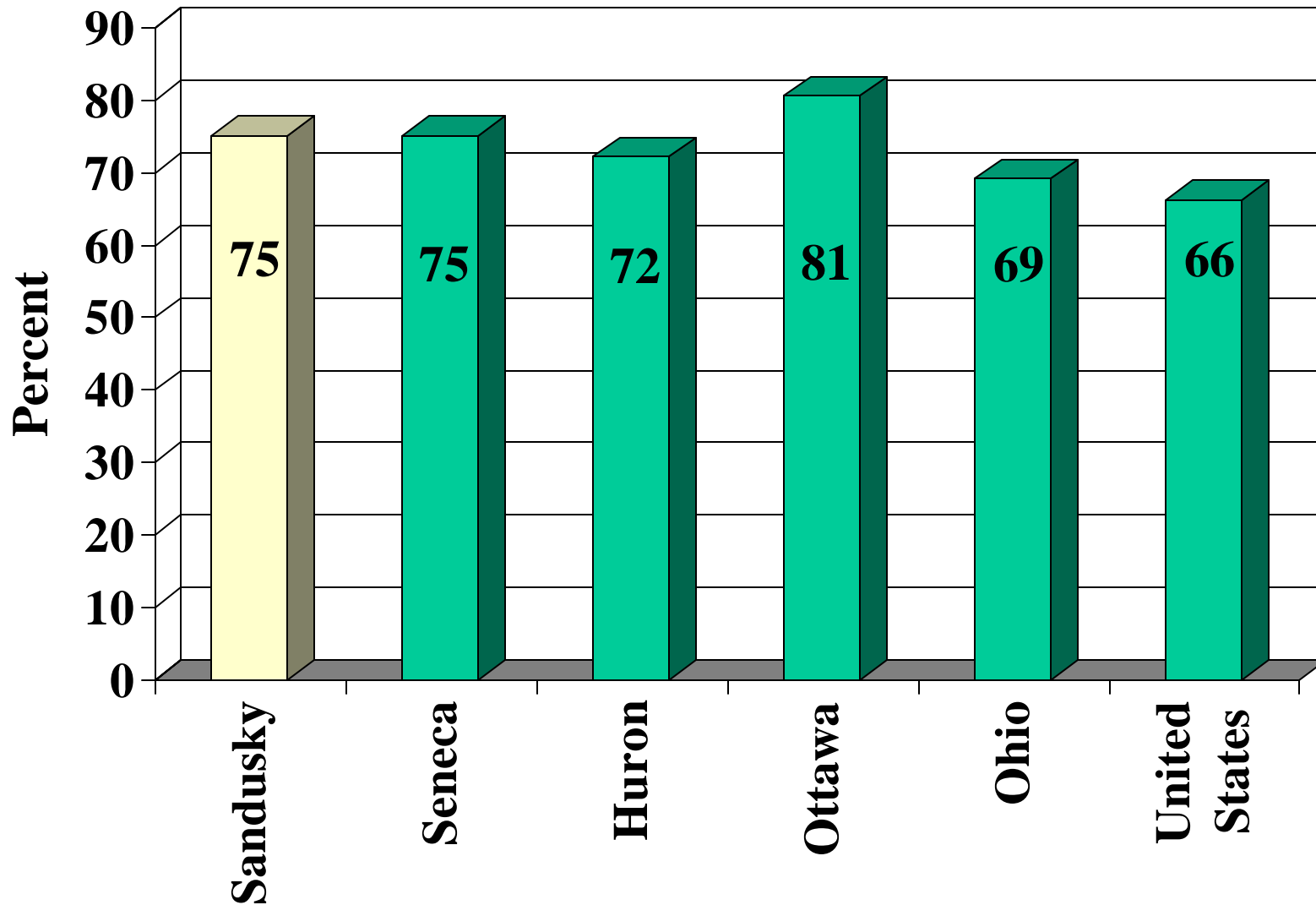


Source: US Census Bureau, 2001

Compiled for Health Partners by
Fall 2001



Homeownership Rate, 2000



Source: US Census Bureau, 2000

Compiled for Health Partners by
Fall 2001

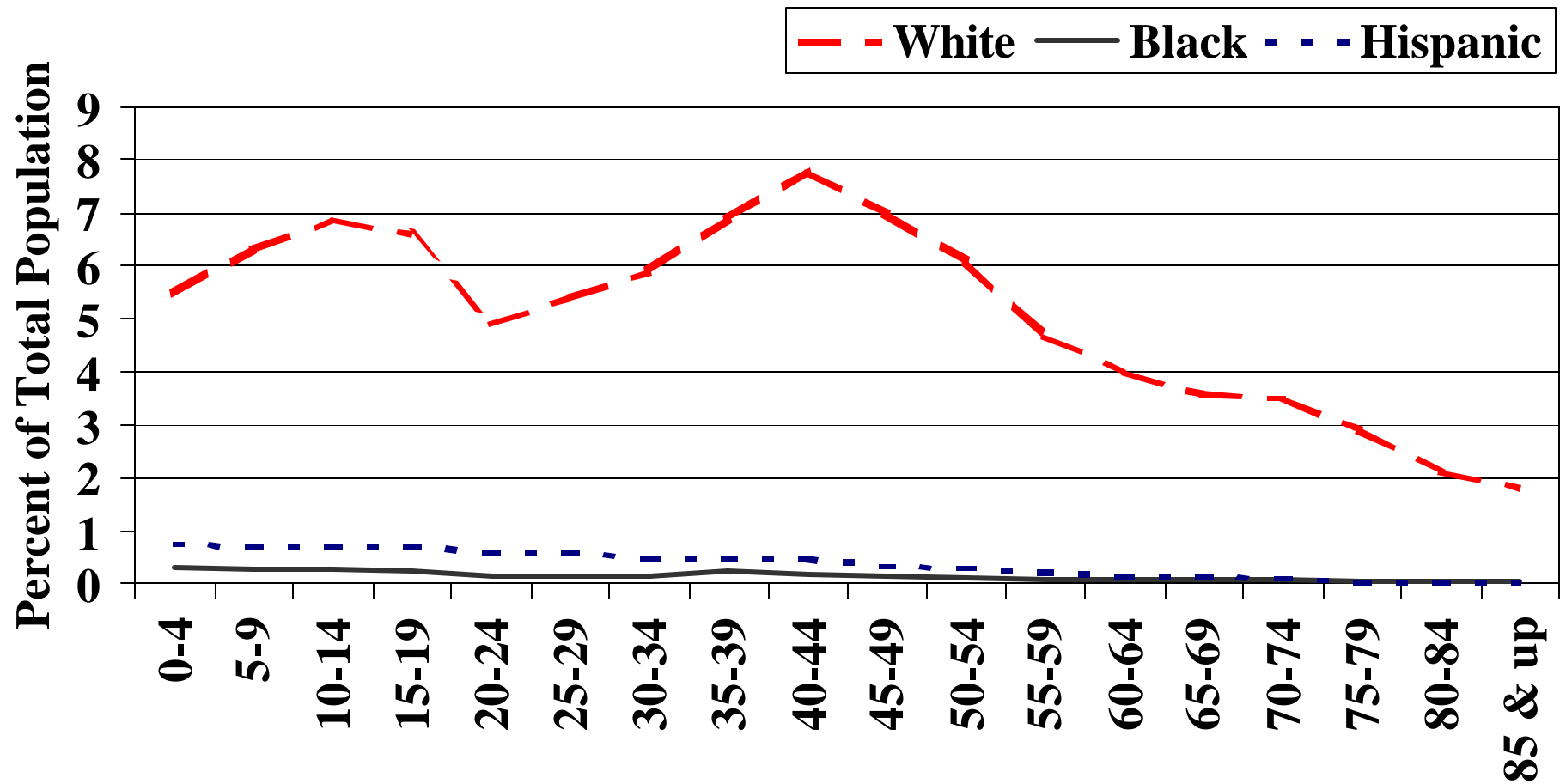


Minority Populations

Compiled for Health Partners by
Fall 2001



Sandusky County Population By Age, Race, and Ethnicity, 2000

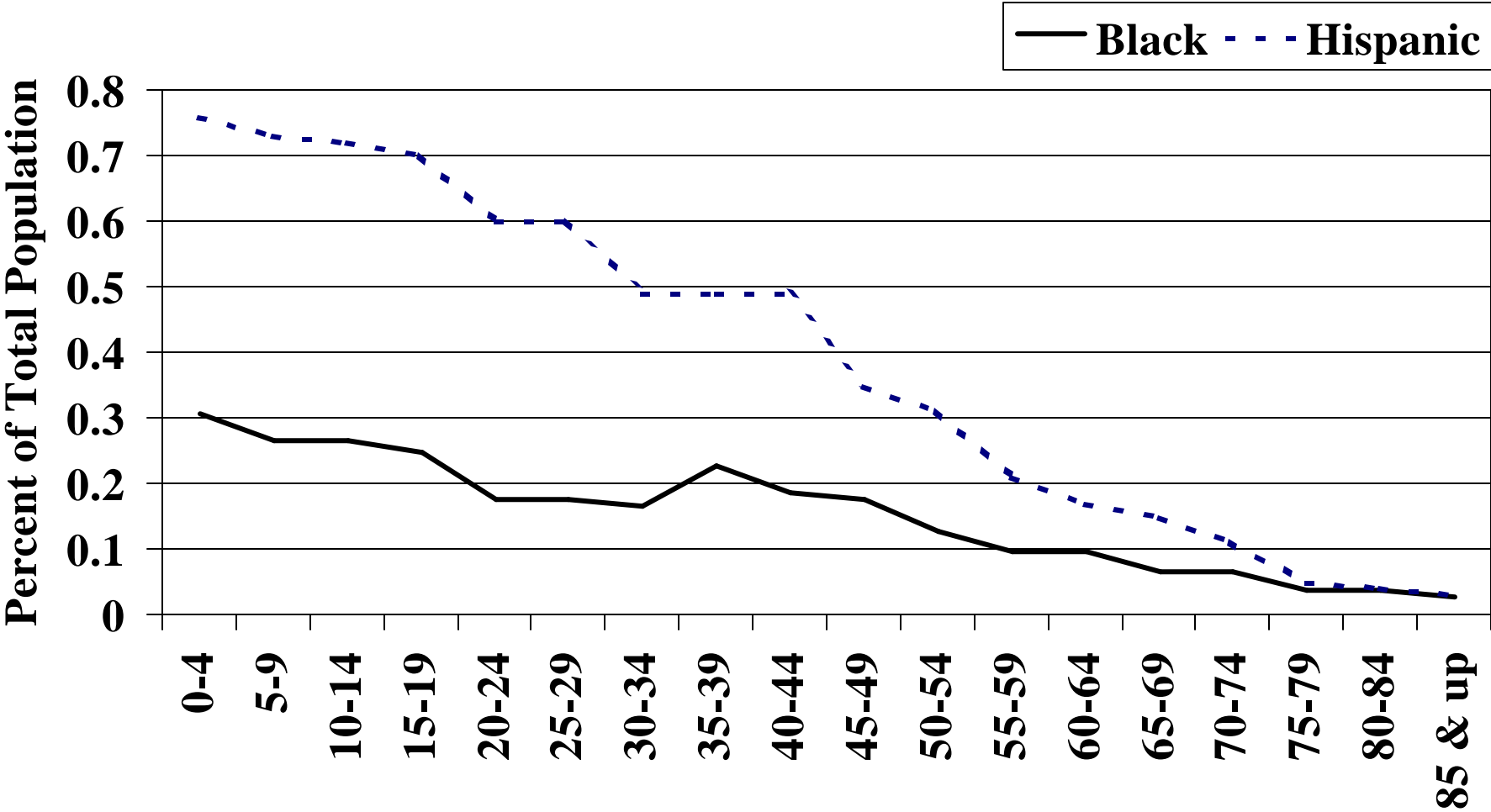


Source: US Census Bureau, 2000

Compiled for Health Partners by
Fall 2001



Sandusky County Hispanic and Black Population by Age, 2000

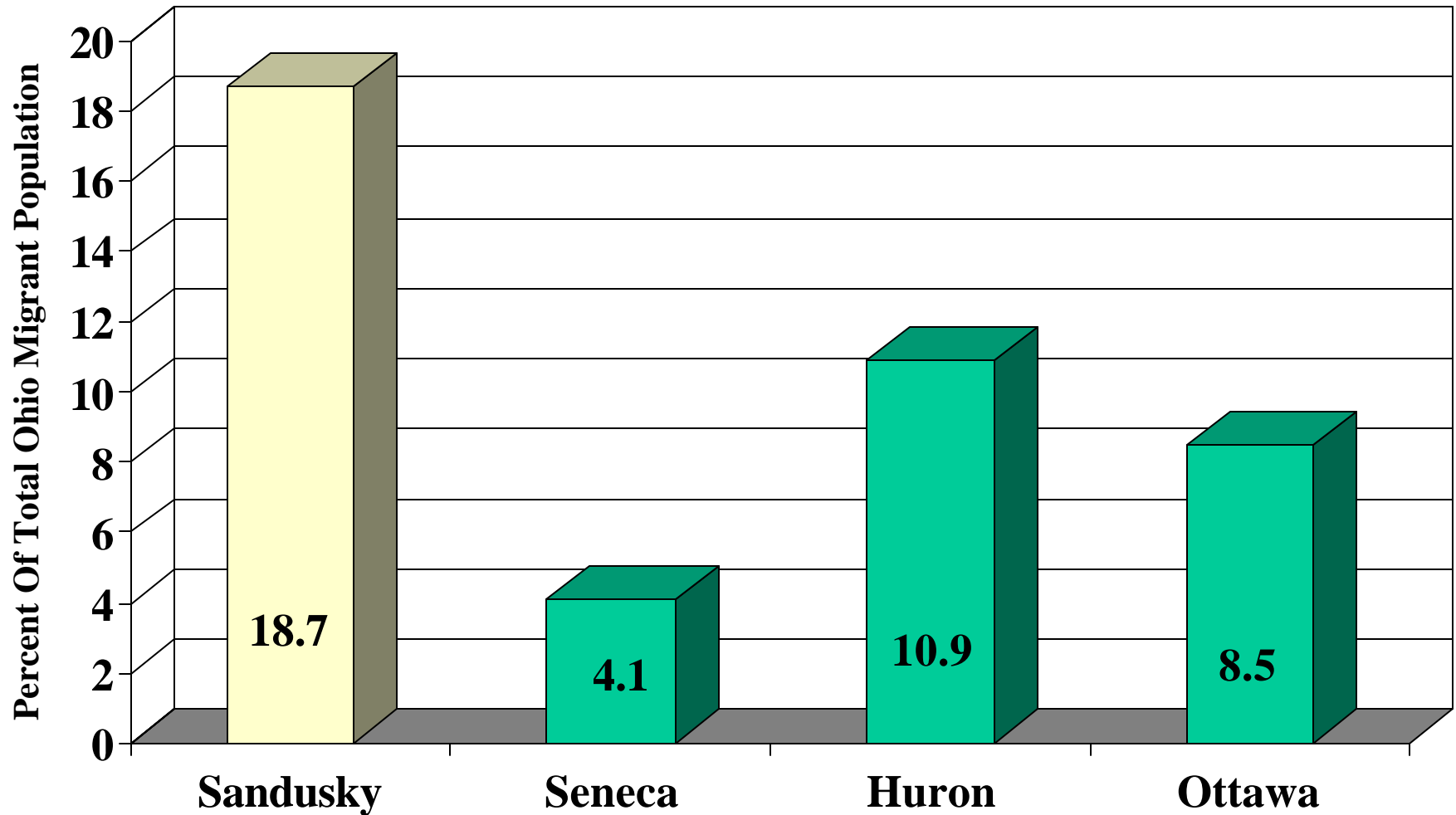


Source: US Census, 2000

Compiled for Health Partners by
Fall 2001



Sandusky County Migrant Population, 2000



Source: Ohio Migrant Labor Census, 2000

Compiled for Health Partners by
Fall 2001

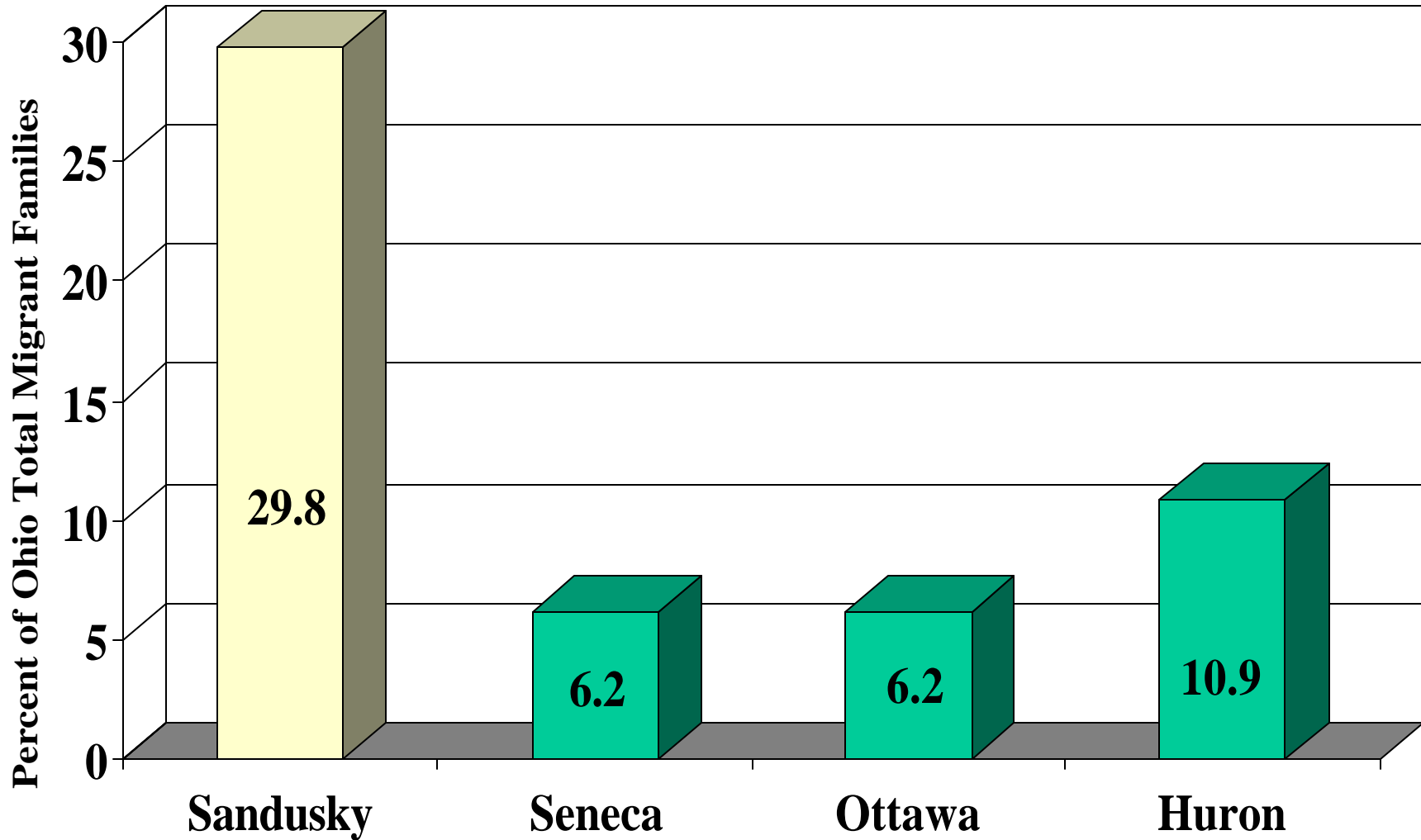


Sandusky County Migrant Population Status, 2000

	<u>Rank</u>	<u>Total Population</u>
• Sandusky	1	2,615
• Seneca	7	570
• Huron	2	1,530
• Ottawa	3	<u>1,190</u>
• All Ohio		13,975



Sandusky County Migrant Families, 2000



Source: Ohio Migrant Labor Census, 2000

Compiled for Health Partners by
Fall 2001

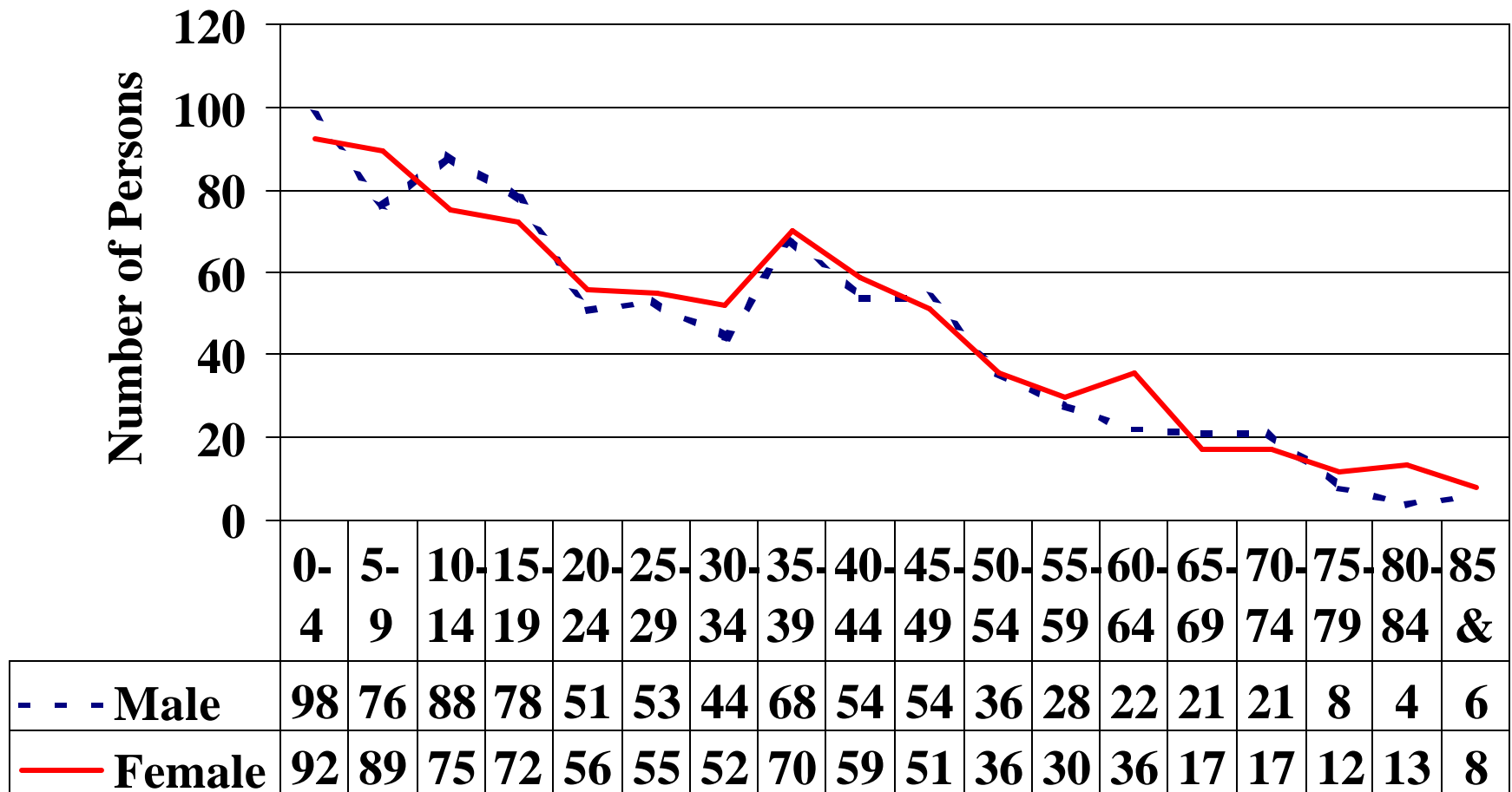


Ohio's Top Five Counties With Largest Total Migrant Camps, 2000

	<u>Number of Camps</u>
• Sandusky	30
• Ottawa	20
• Huron	11
• Wood	11
• Stark	9



Sandusky County Black Population By Age and Gender, 2000

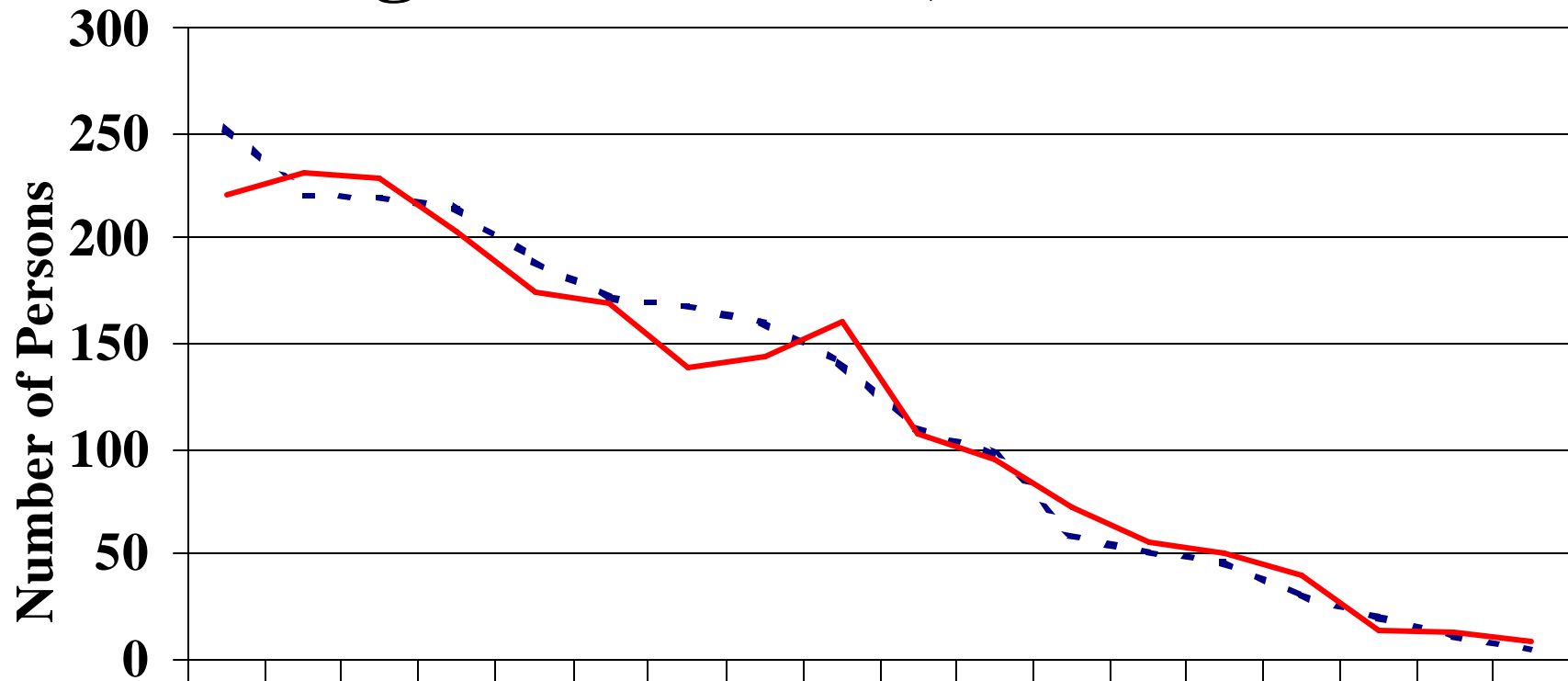


Source: US Census Bureau, 2000

Compiled for Health Partners by
Fall 2001



Sandusky County Hispanic Population by Age and Gender, 2000



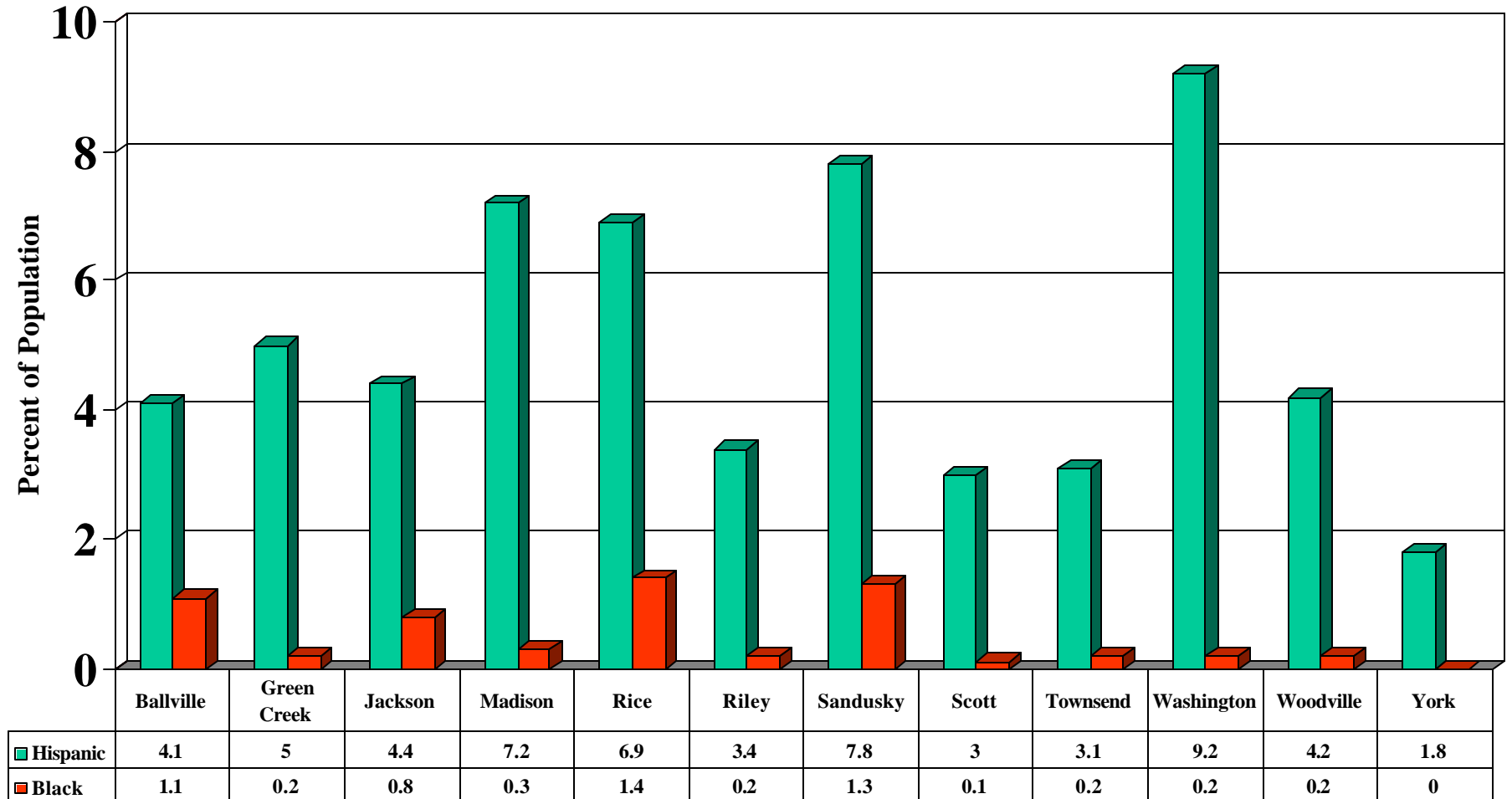
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85 & up
- - - Male	253	221	220	215	190	172	168	161	141	110	98	59	51	46	31	20	12	5
— Female	221	231	228	203	174	169	138	144	161	107	95	73	55	50	40	14	13	9

Source: US Census Bureau, 2000

Compiled for Health Partners by
Fall 2001



Sandusky County Township Minority Populations, 2000

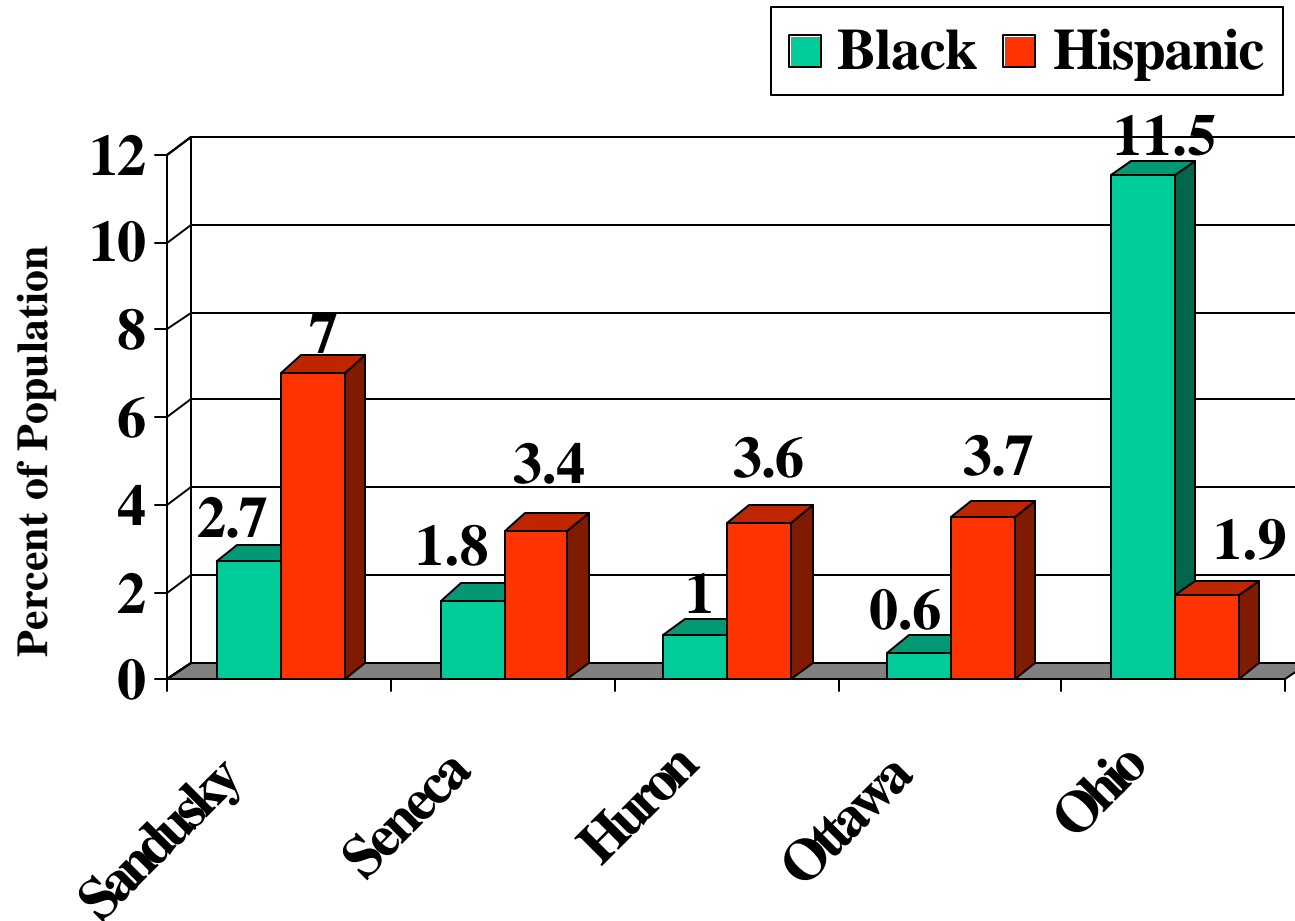


Source: US Census Bureau, 2000

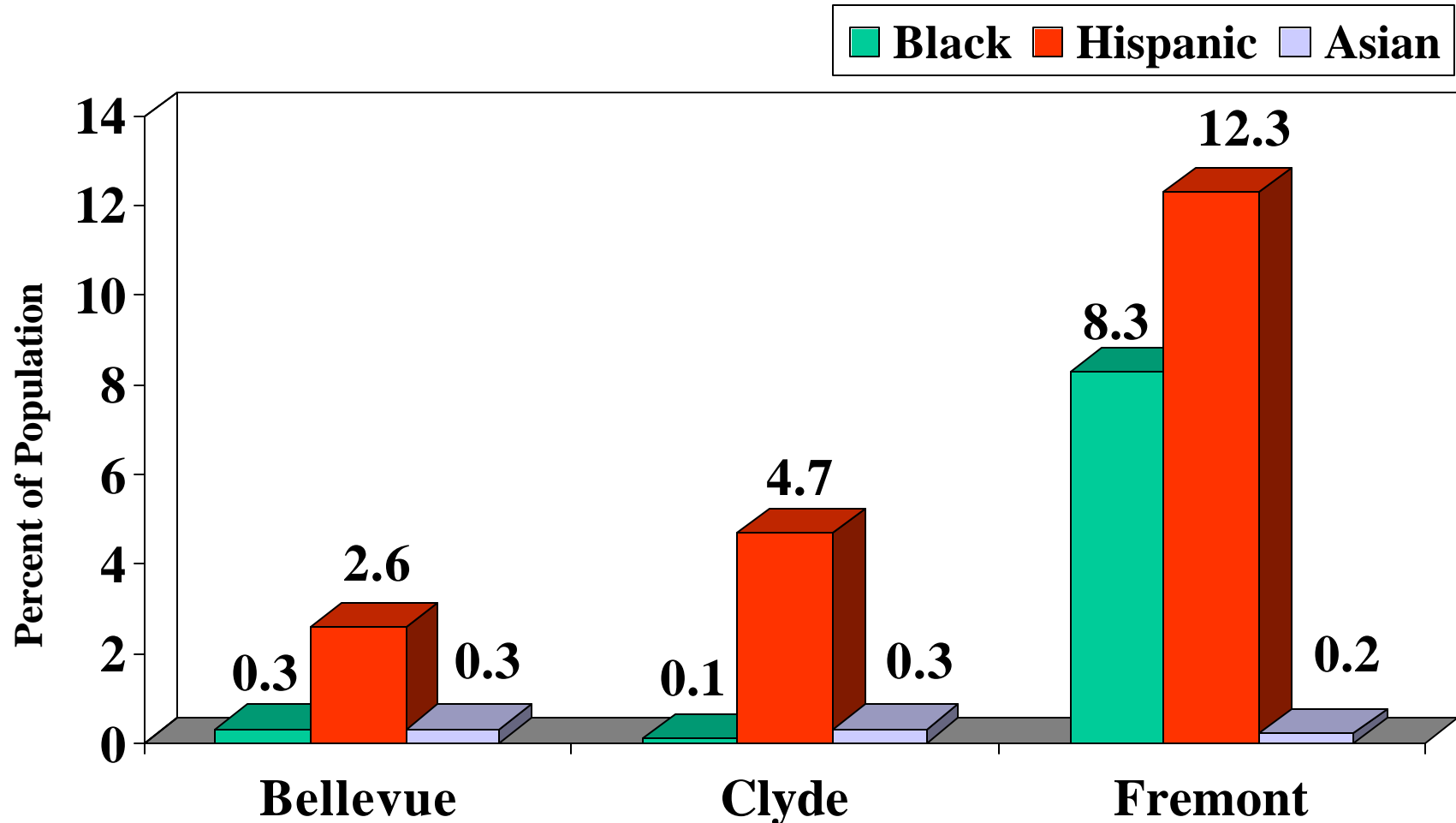
Compiled for Health Partners by
Fall 2001



Selected County Minority Populations, 2000



Racial and Ethnic Distributions Selected Sandusky County Cities, 2000



Sandusky County Racial & Ethnic Distribution, 2000

<u>Race/Ethnicity</u>	<u>N</u>	<u>%</u>
White Non Hispanic	55,015	89
Hispanic (of any race)	4,298	7
Black	1,650	2.7
Asian	177	0.3
American Indian/Alaska Native	80	0.1



Age-Related Information

Compiled for Health Partners by
Fall 2001

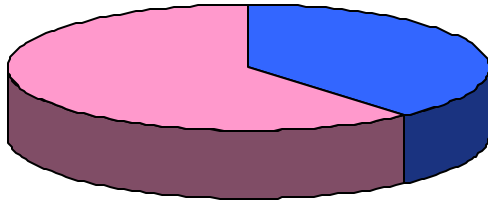


Sandusky County Gender Distribution Ages 65+, 2000

Sandusky County

Female
61%

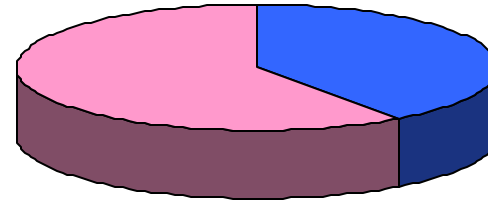
Male
39%



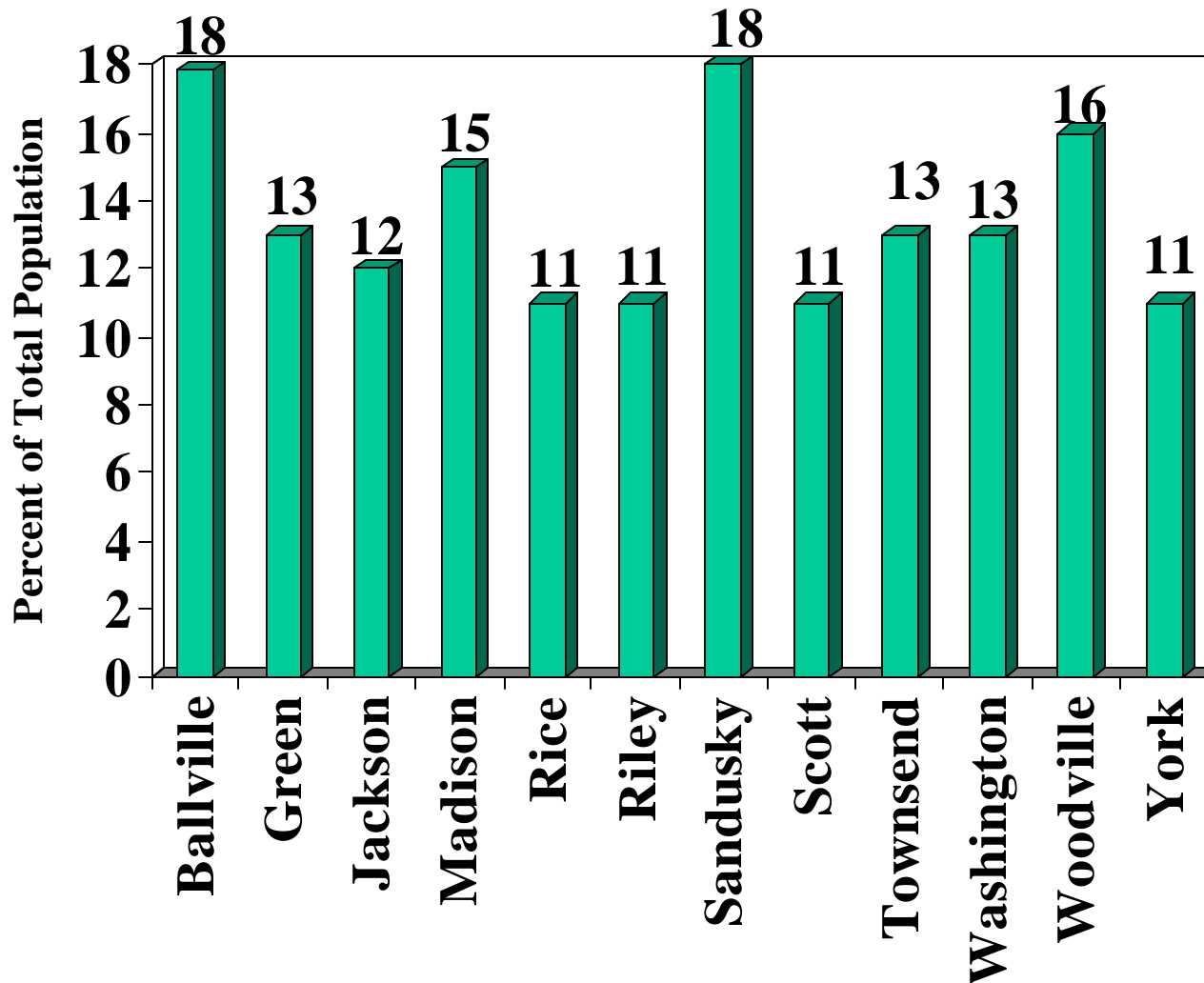
Ohio

Female
60%

Male
40%



Sandusky County Township Population Percent Distributions Ages 65+, 2000



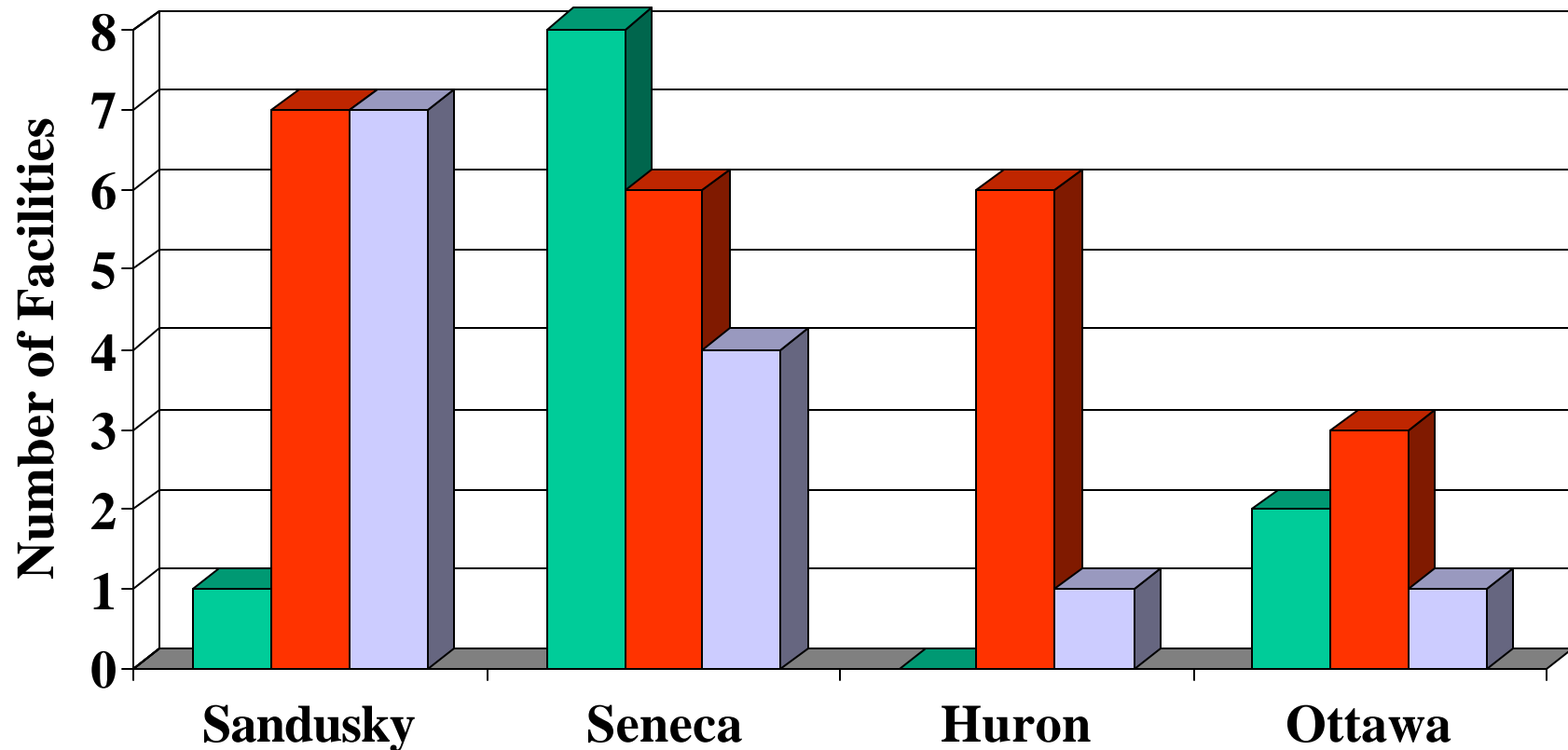
Source: US Census Bureau, 2000

Compiled for Health Partners by
Fall 2001

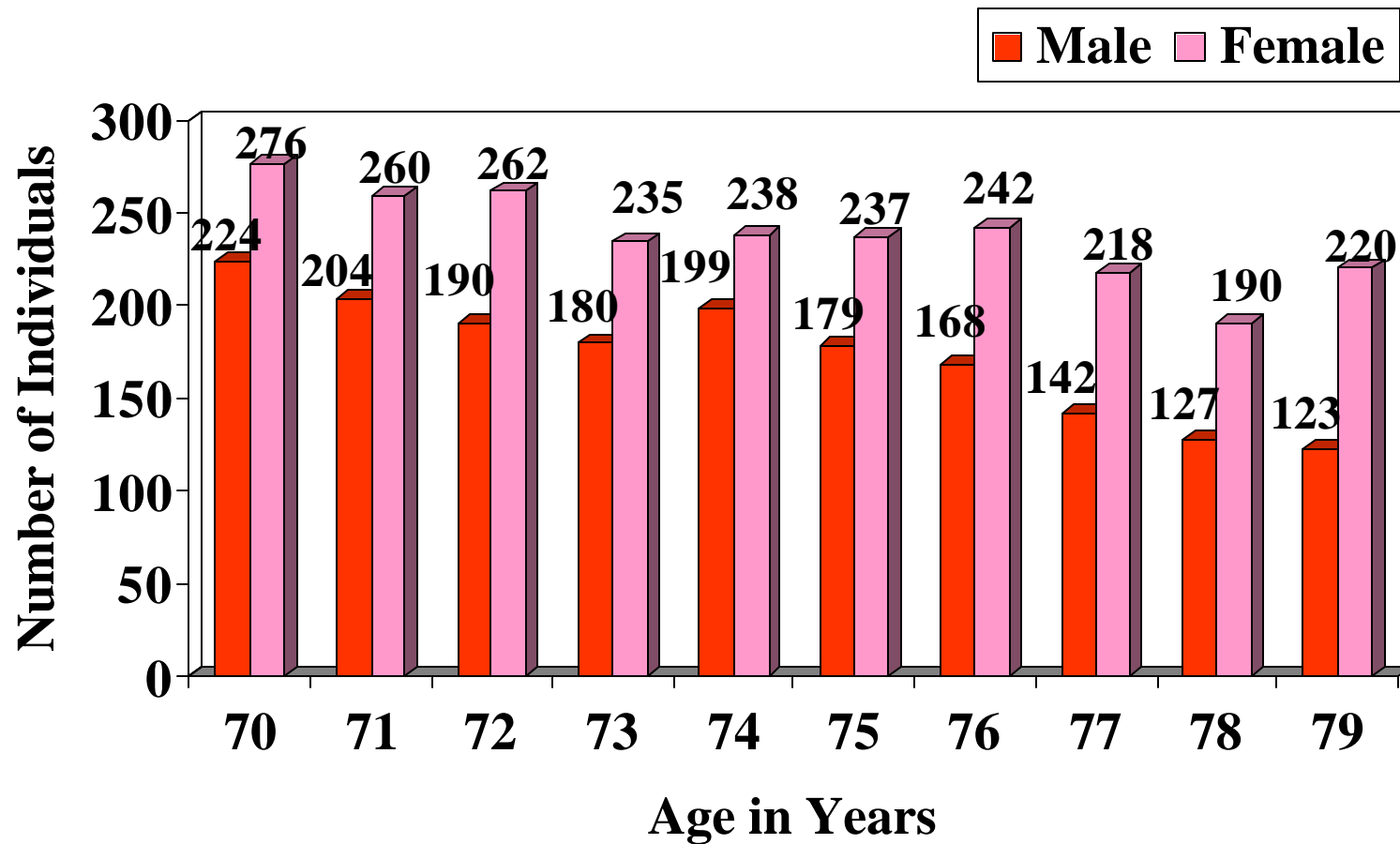


Number of Inspected, Licensed or Certified Health Facilities for Aging Citizens, 1999

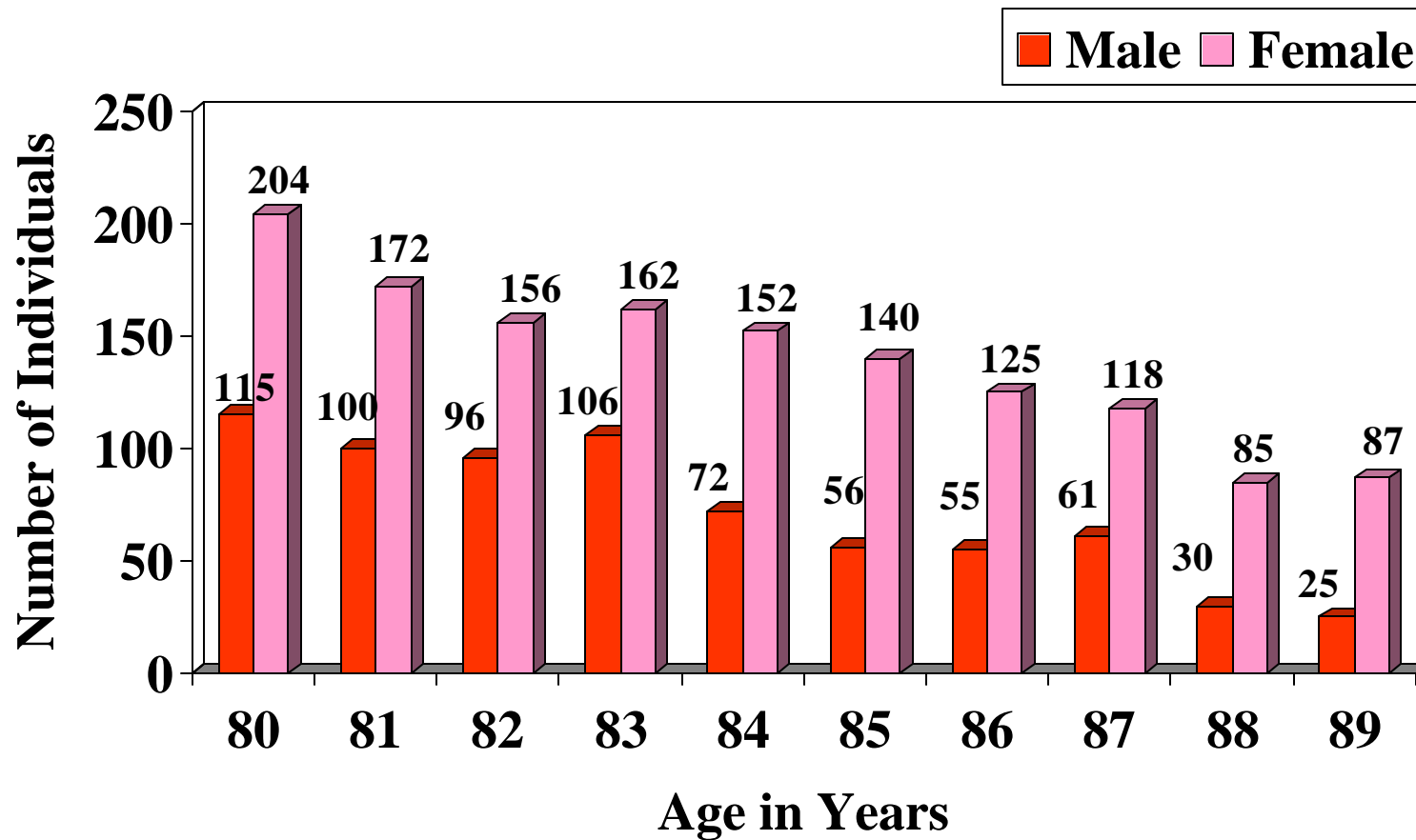
■ Adult Care Facilities ■ Nursing Homes ■ Residential Care Facilities



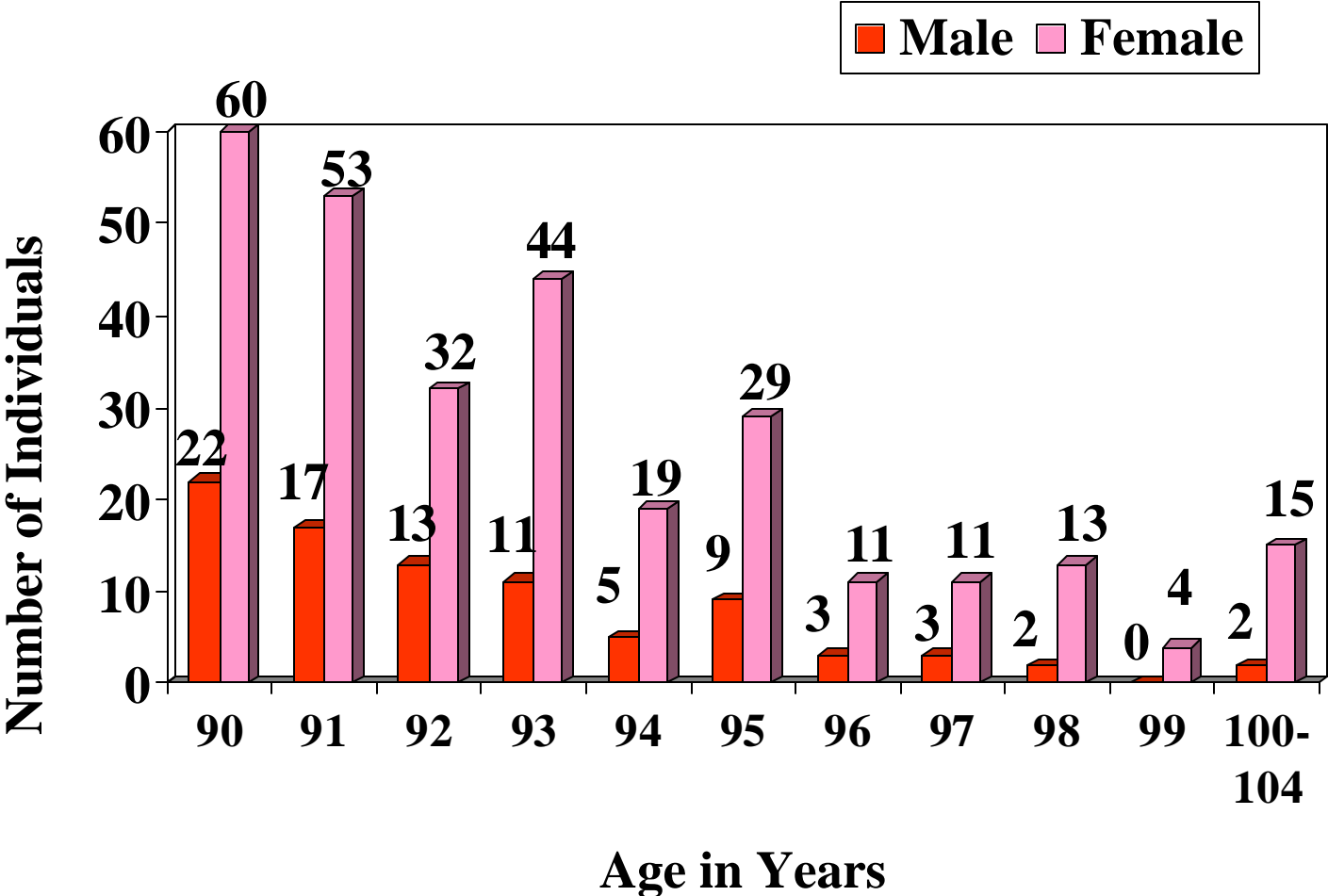
2000 Sandusky County Population by Gender, Ages 70-79



2000 Sandusky County Population by Gender, Ages 80-89



2000 Sandusky County Population by Gender, Ages 90-104

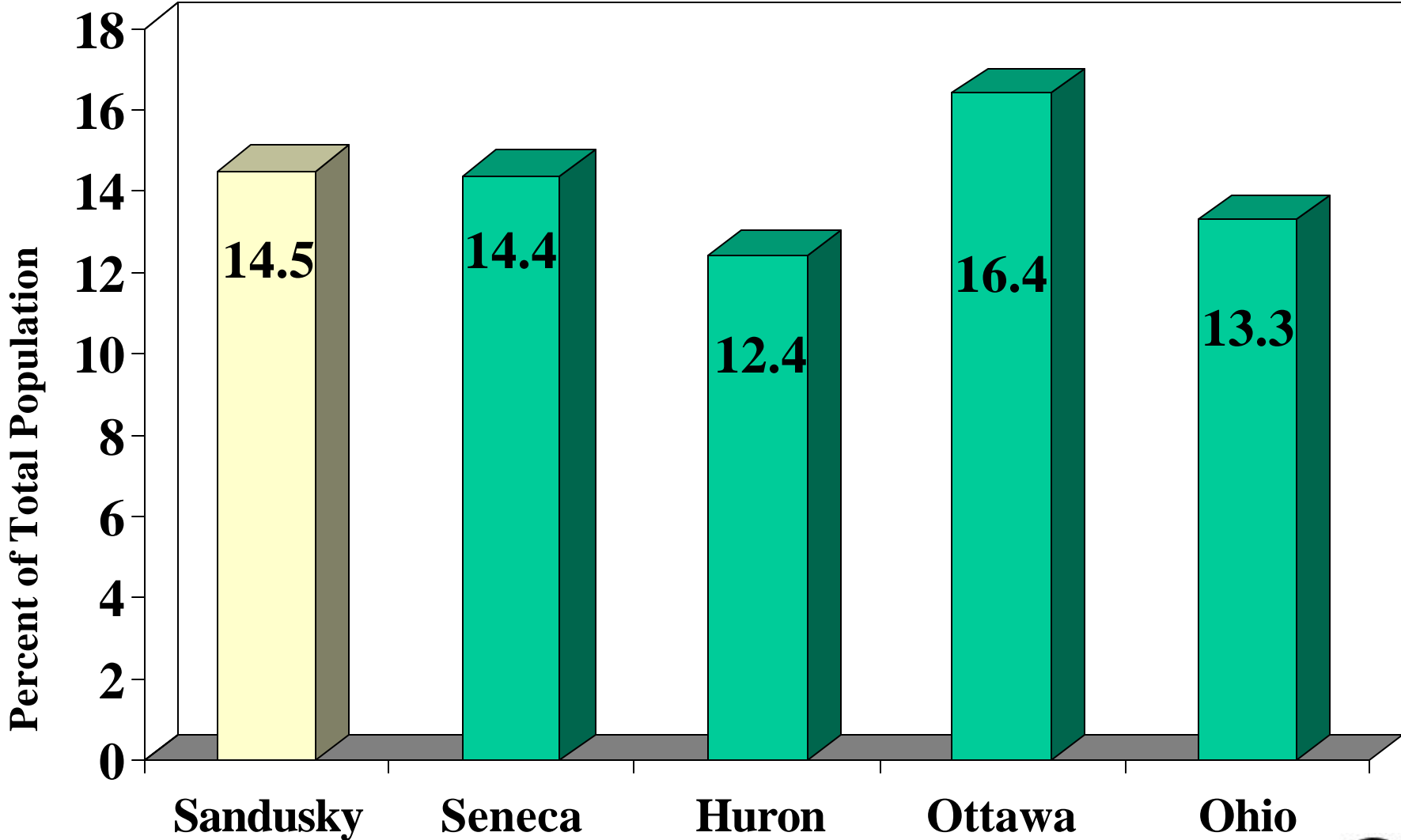


Source: US Census Bureau, 2000

Compiled for Health Partners by
Fall 2001



Selected Peer County Populations Ages 65+, 2000

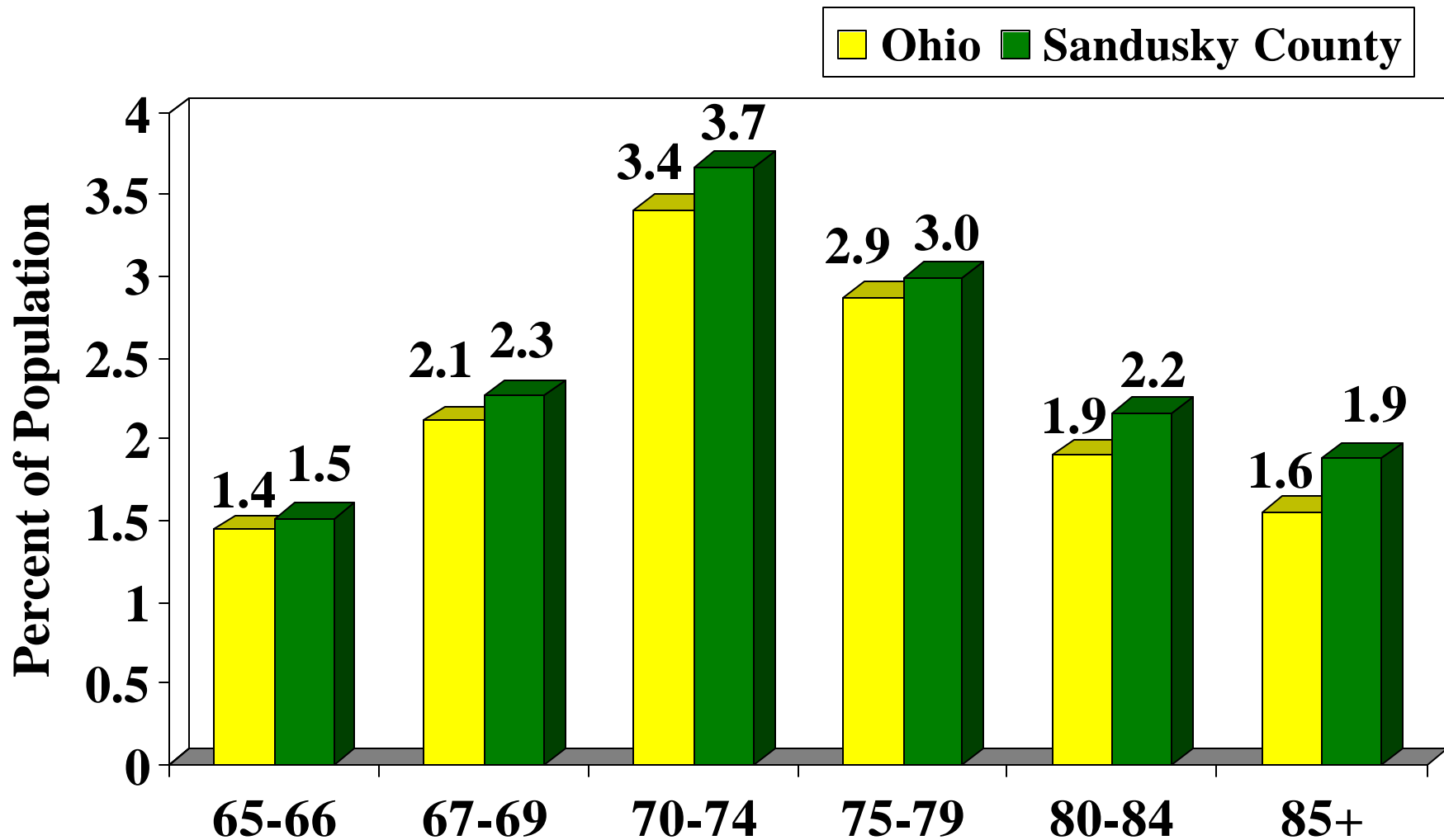


Source: US Census Bureau, 2000

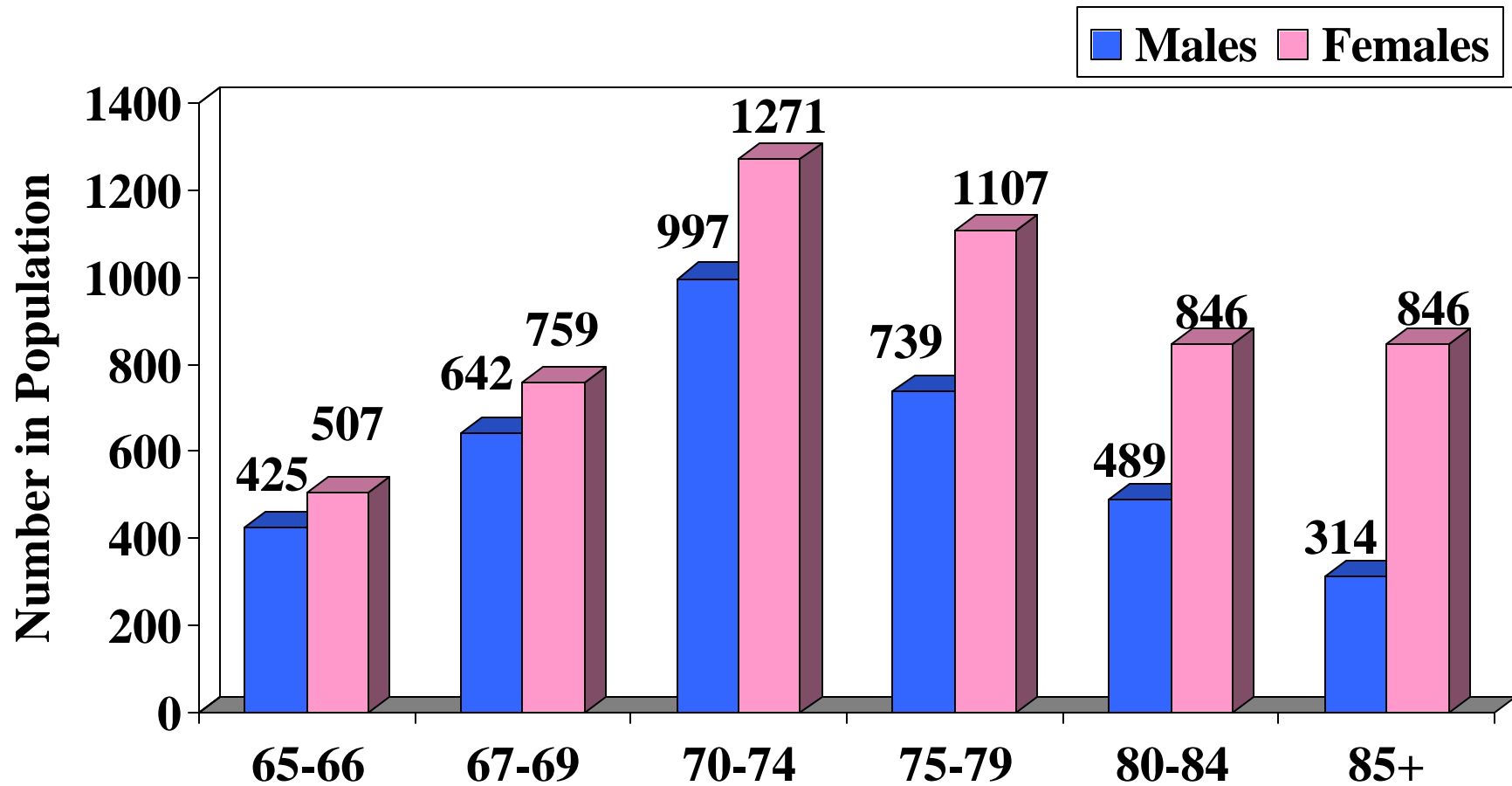
Compiled for Health Partners by
Fall 2001



Sandusky County Population 65+



Sandusky County Population 65+ By Gender

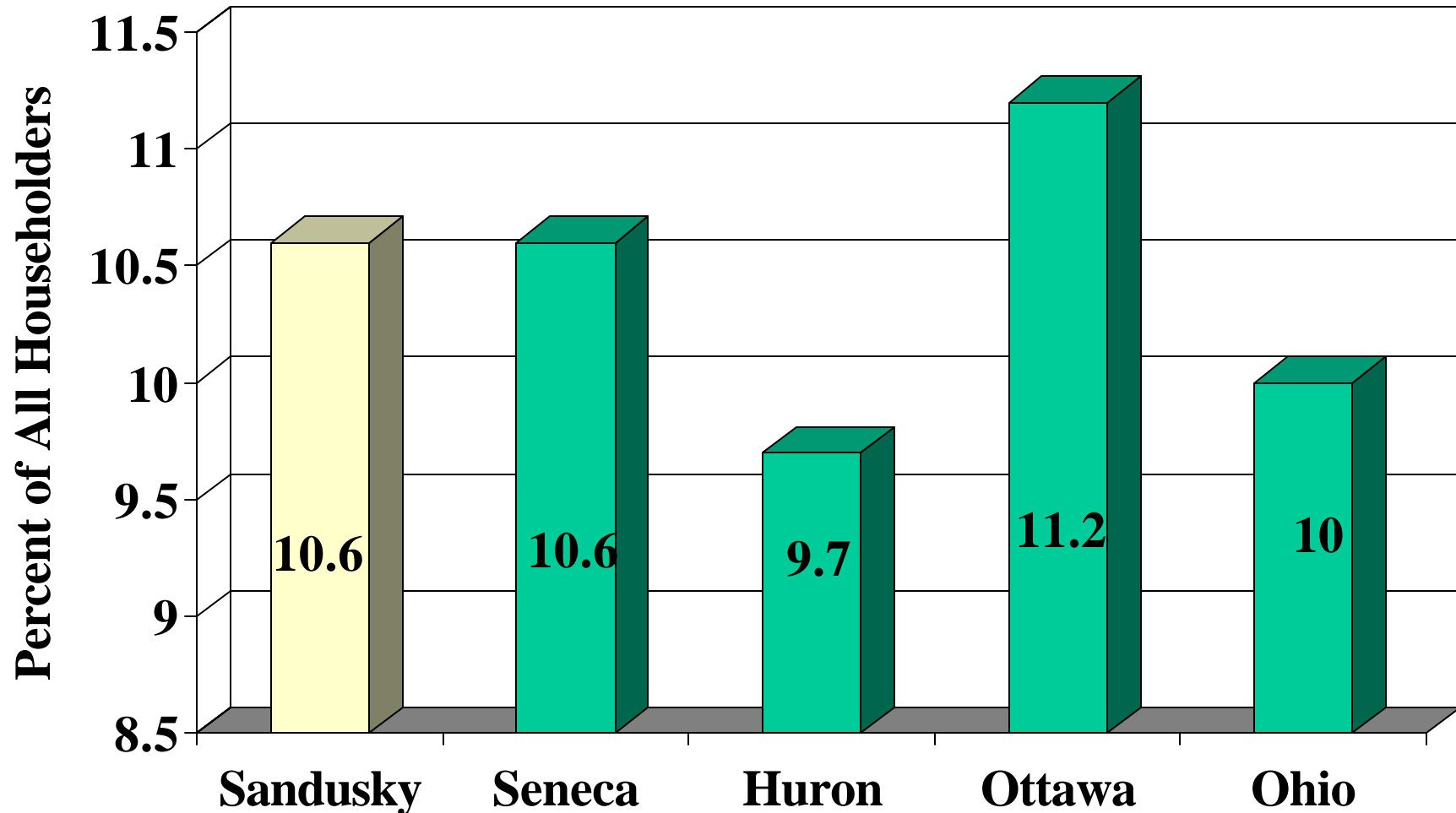


Source: US Census Bureau, 2001

Compiled for Health Partners by
Fall 2001



Percentage of Peer County Heads of Households Age 65+, 2000

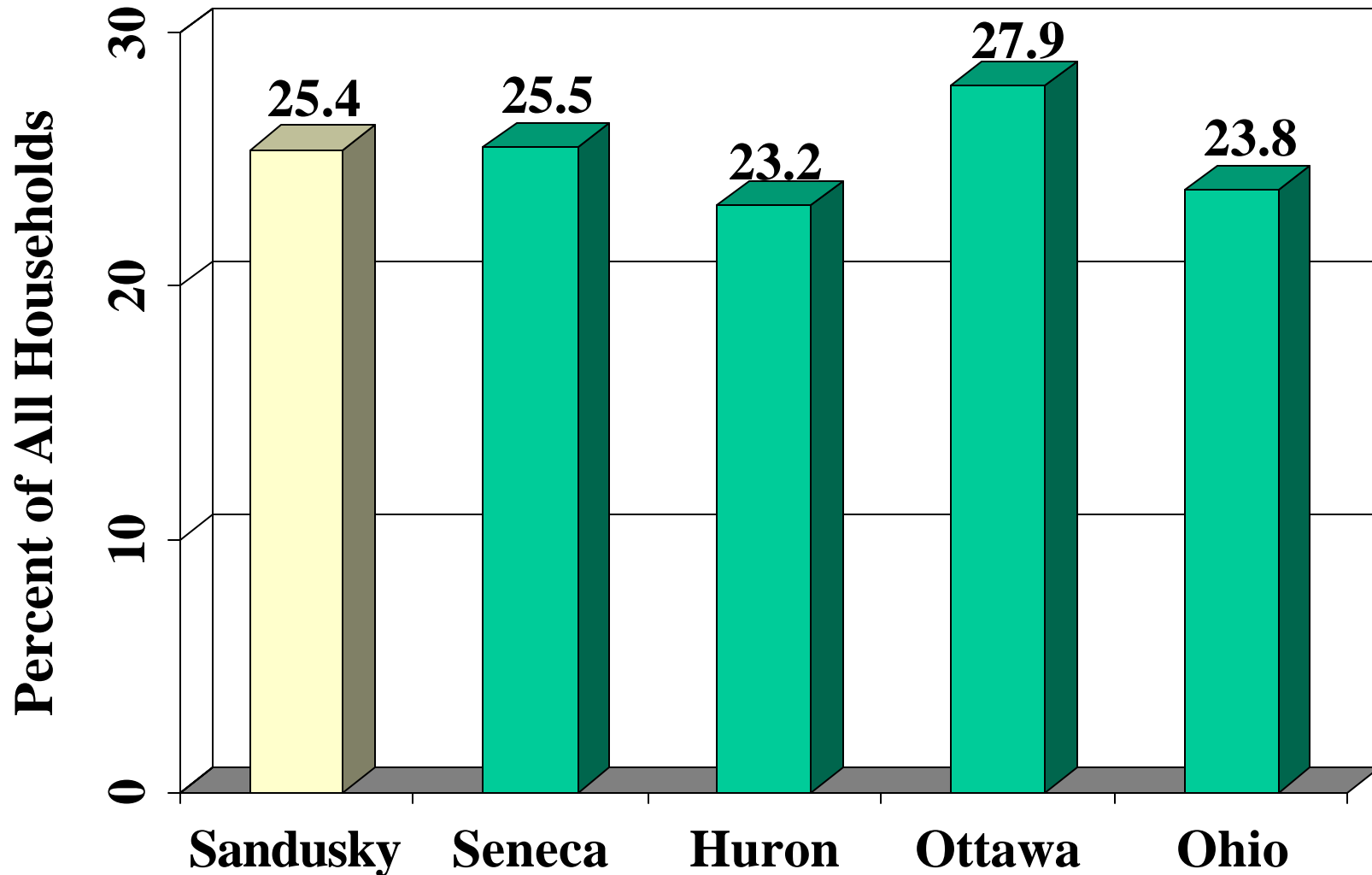


Source: US Census Bureau, 2000

Compiled for Health Partners by
Fall 2001



Percentage of Peer County Households with Individuals Age 65+, 2000



Source: US Census Bureau, 2000

Compiled for Health Partners by
Fall 2001

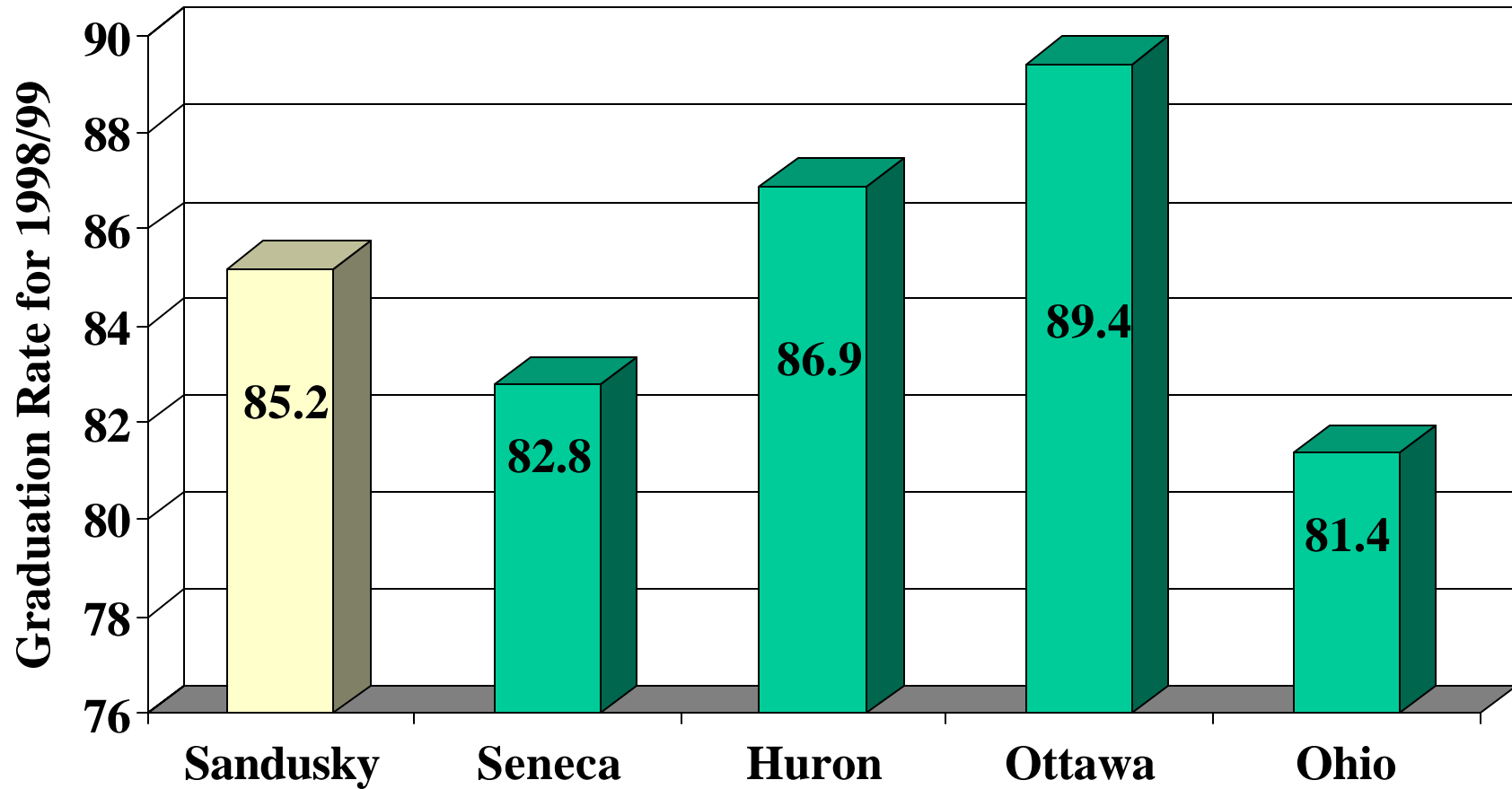


Education

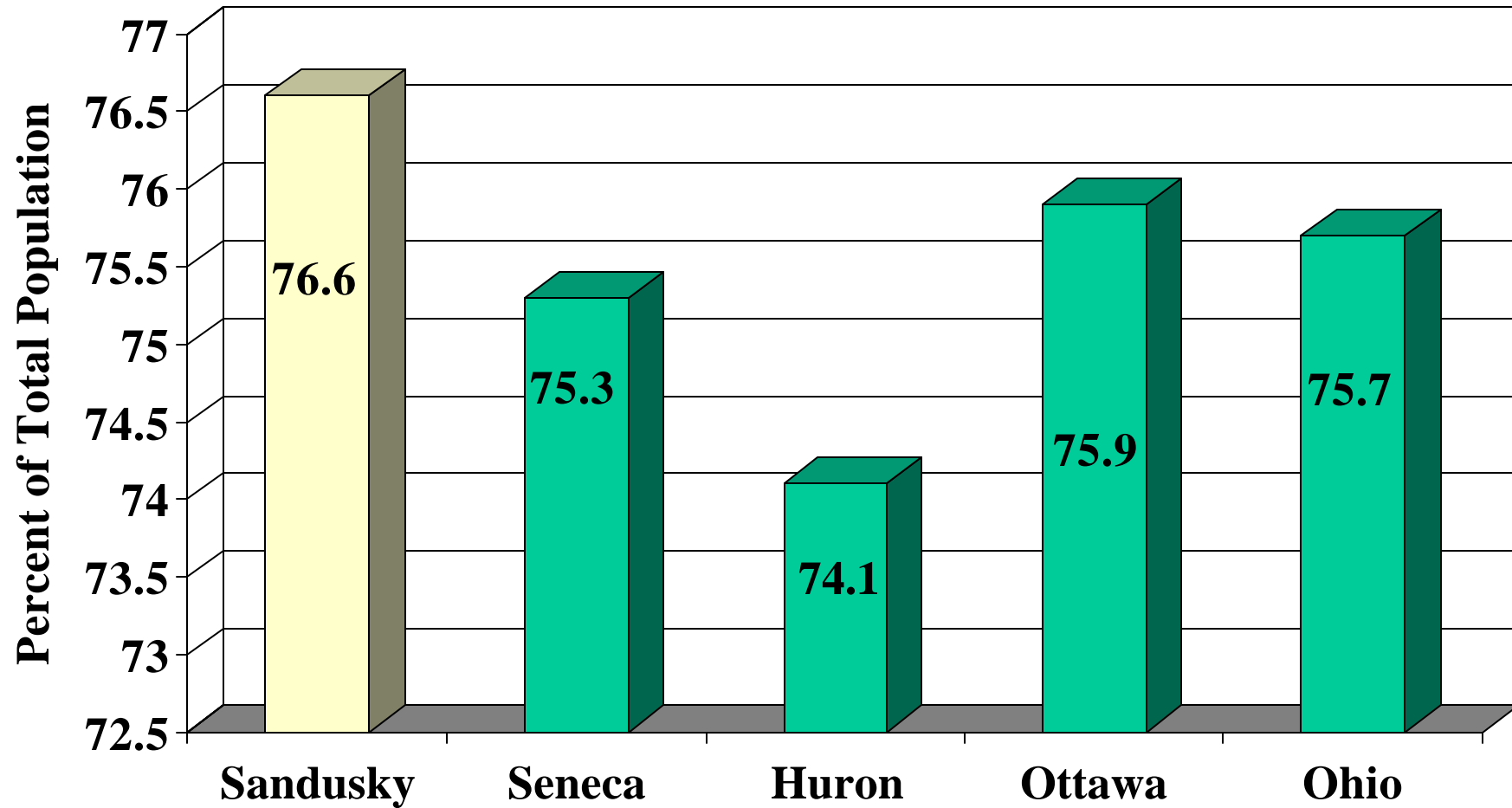
Compiled for Health Partners by
Fall 2001



Sandusky County High School Graduation Rate, 1999



High School Graduates, 25 Years and Older, 1990

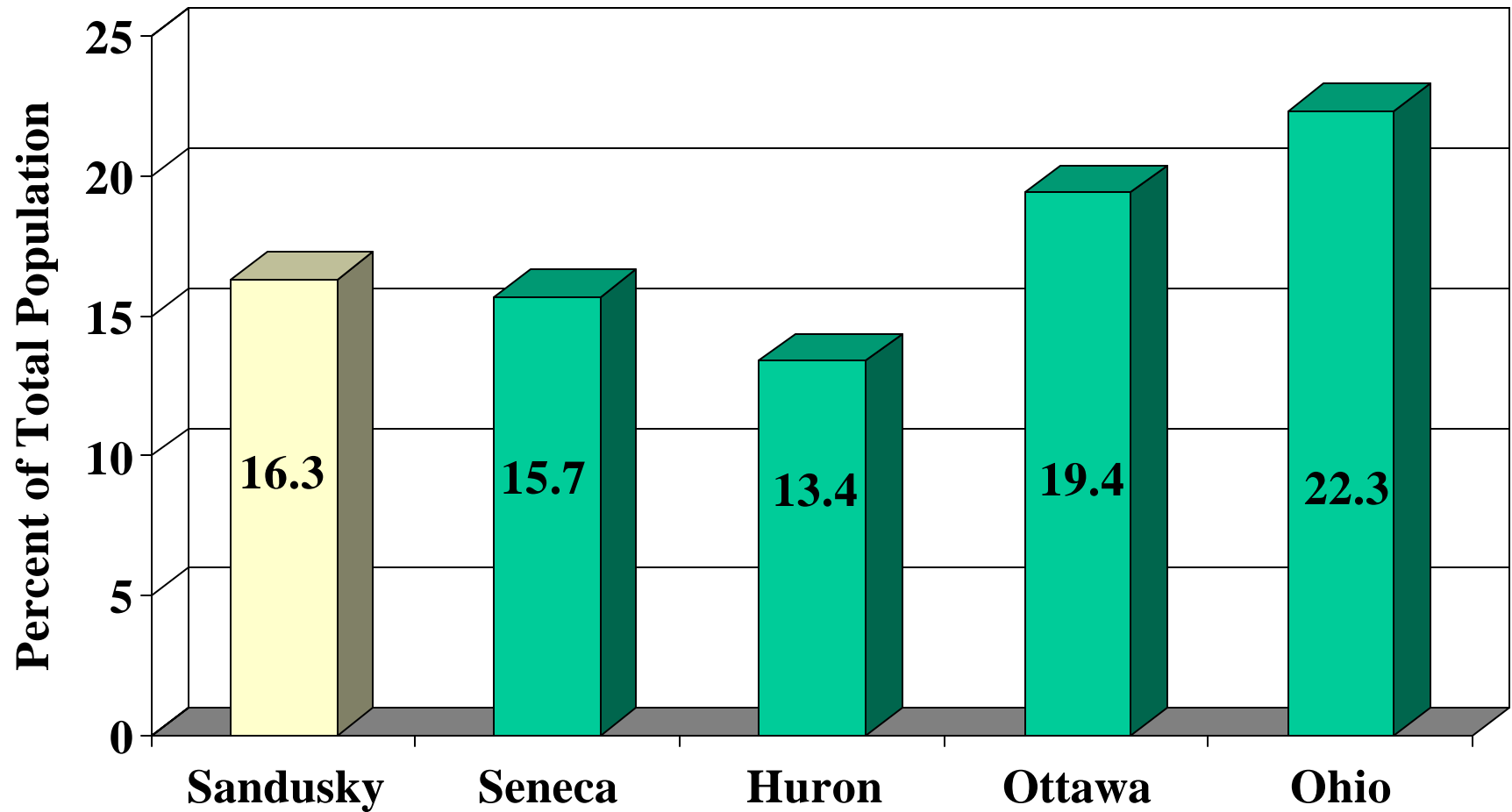


Source: US Census Bureau, 1990

Compiled for Health Partners by
Fall 2001



College Graduates (Associate Degree and higher), 25 Years and Older, 1990



Source: US Census Bureau, 1990

Compiled for Health Partners by
Fall 2001



Income

Compiled for Health Partners by
Fall 2001



Sandusky County Major Employers

- Whirlpool Corporation (3500)
- Atlas Industries, Inc. (600)
- Aeroquip Inoac (600)
- Wollin Products, Inc. (450)
- Heinz USA (435)
- Lear Corporation (425)
- Chemi-Trol Chemical Co. (375)



Bellevue Major Employers

- Norfolk Southern Corporation
- Bellevue Hospital
- Central Soya Company, Inc.
- Pechiney
- Tower Automotive
- Autoplas and Precision Automotive Plastics



Clyde Major Employers

- Whirlpool Corporation (3500)
- Wollin Products (475)
- Clyde Schools (317)
- Arbors (162)
- City of Clyde (110)
- Evergreen (100)
- Gerstenslager (100)

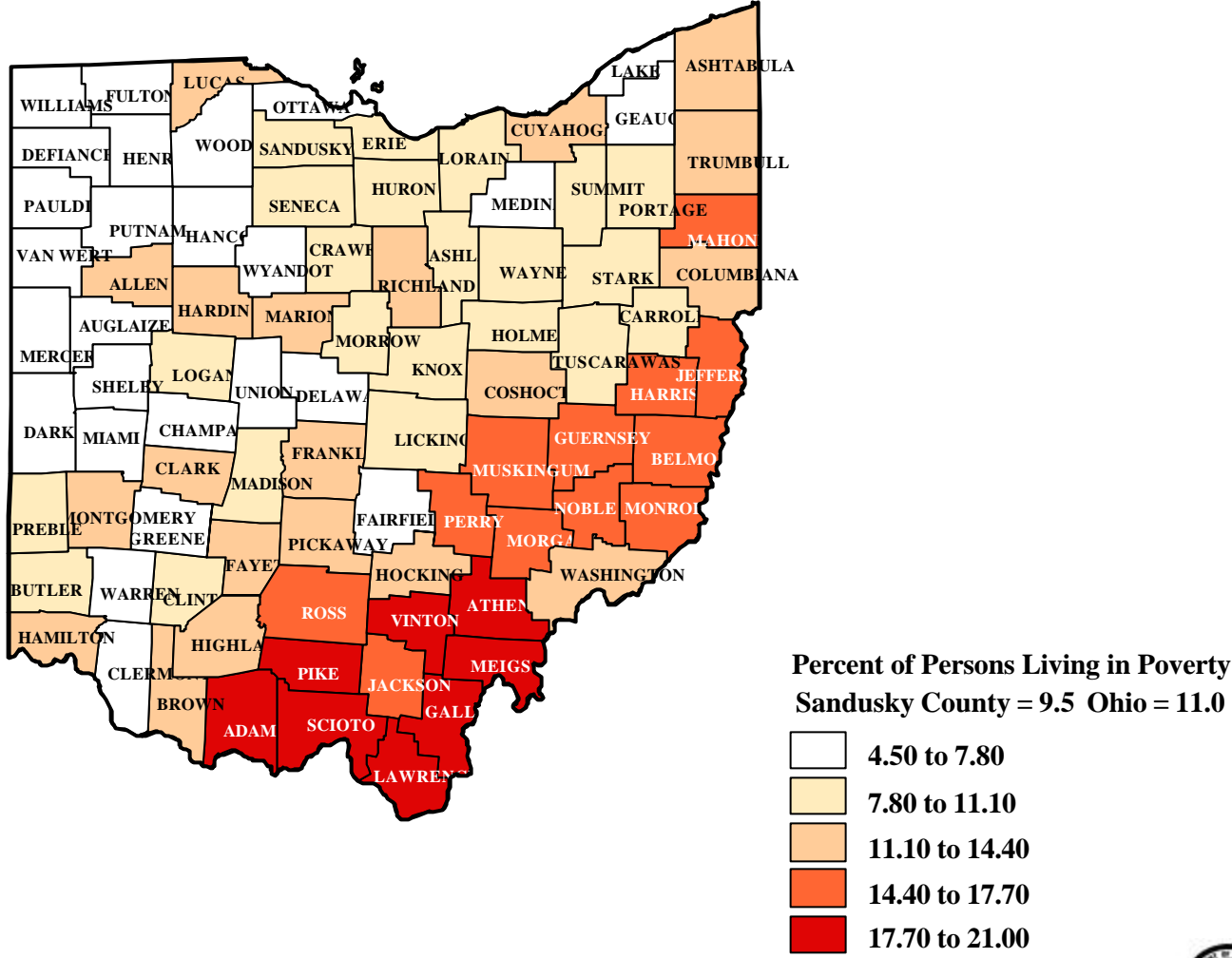


Fremont Major Employers

- Whirlpool Corporation (3500)
- Aeroquip Inoac (600)
- Heinz USA (440)
- Lear Corporation (425)
- Lucas Varity Kelsey-Hayes (380)
- Chemi-Trol Chemical Company (375)
- Fremont Plastic Products (350)



Persons in Poverty Estimated All Ages, 1997

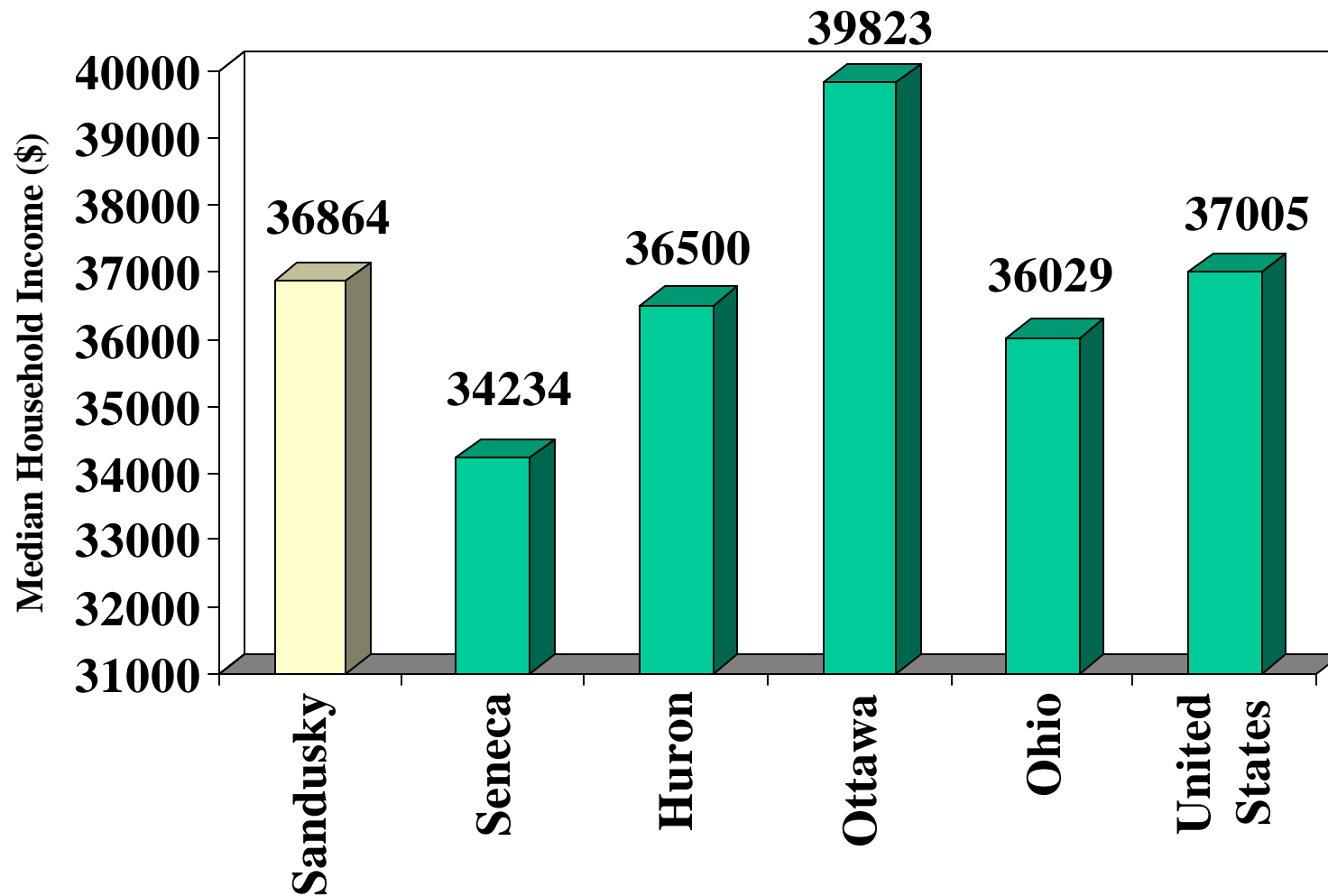


Source: US Census Bureau, 2000

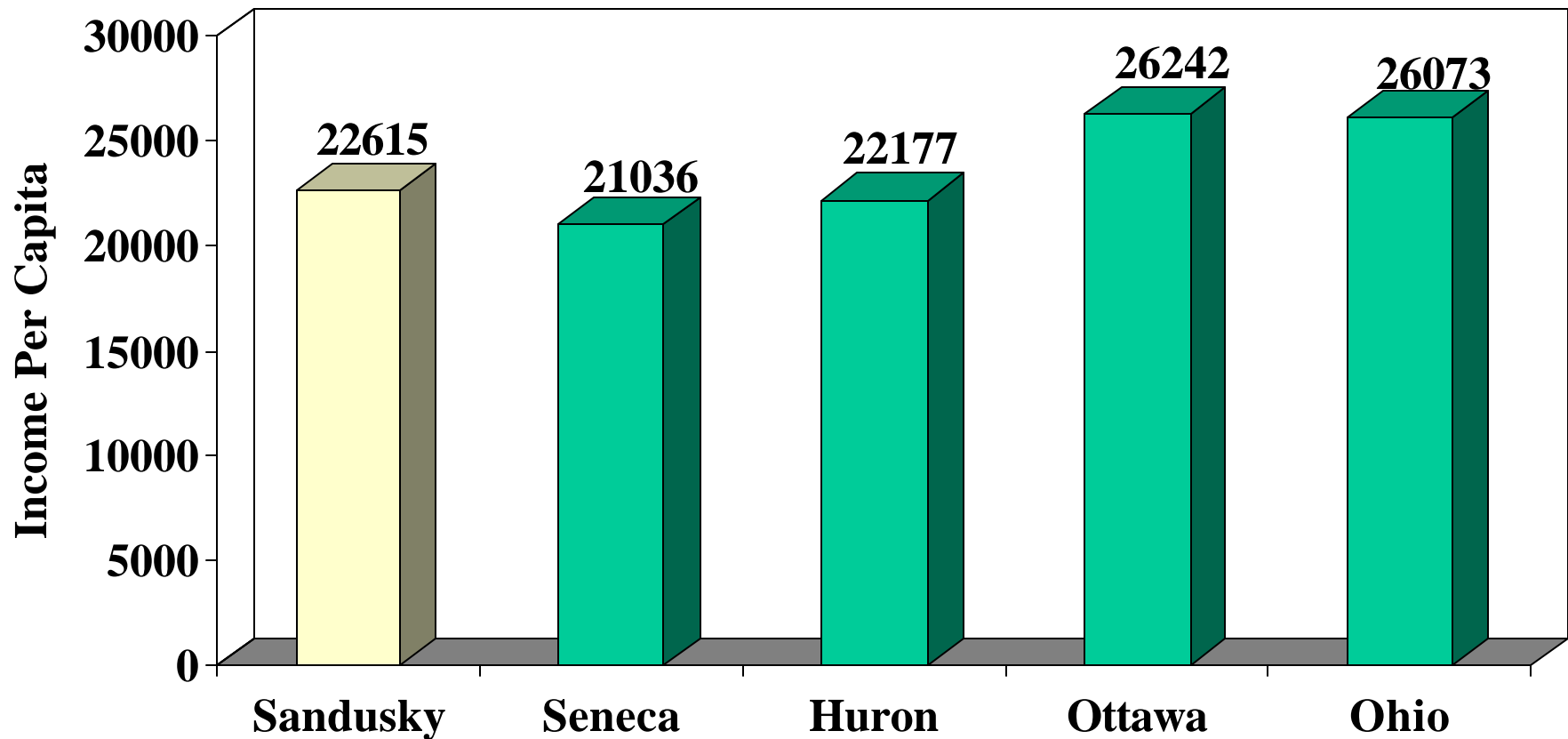


Median Household Money Income, 1997

Model-based estimate



Income Per Capita Among Peer Counties, 1998

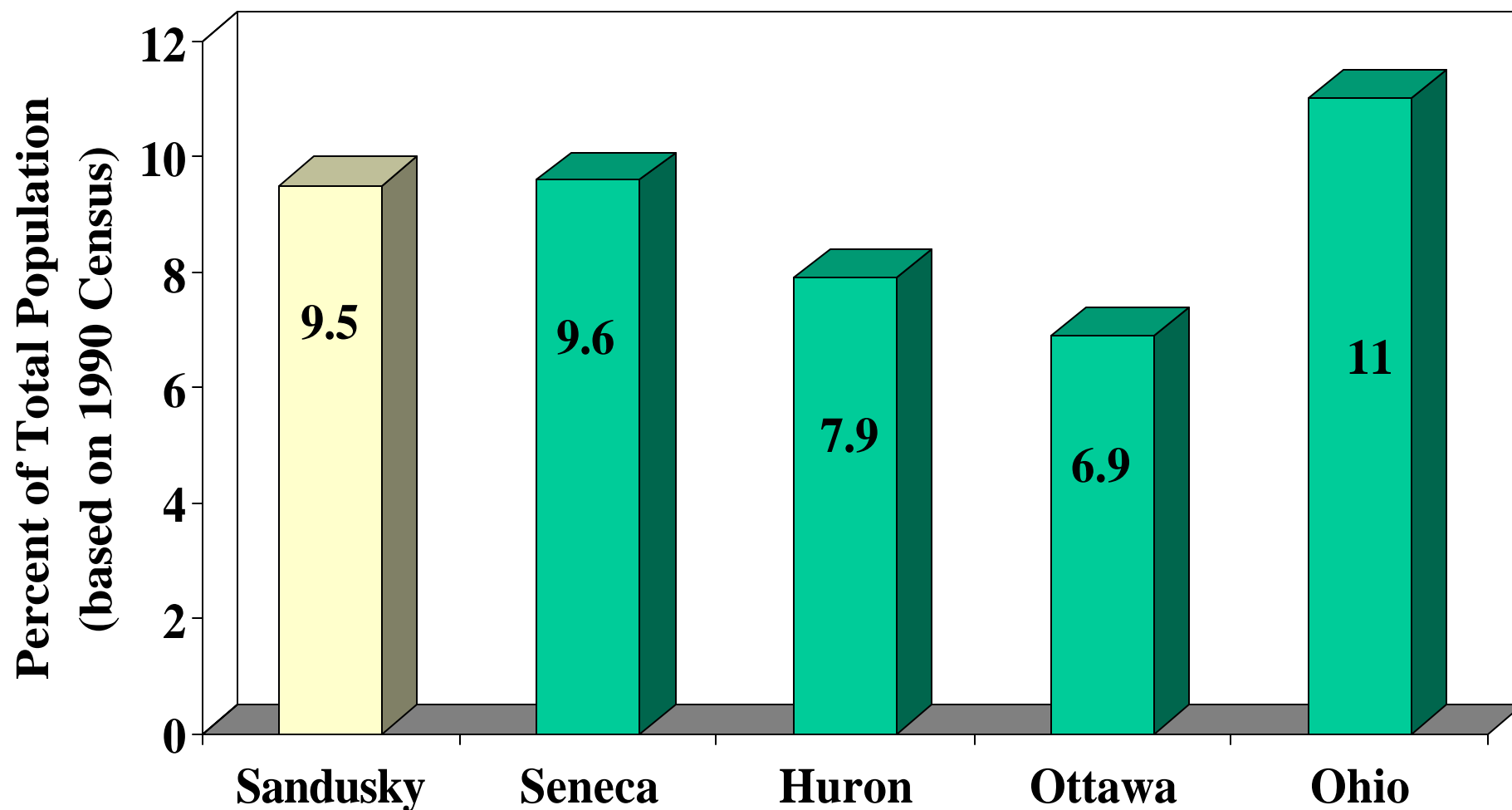


Source: ODH State Health Resources Plan, 2001

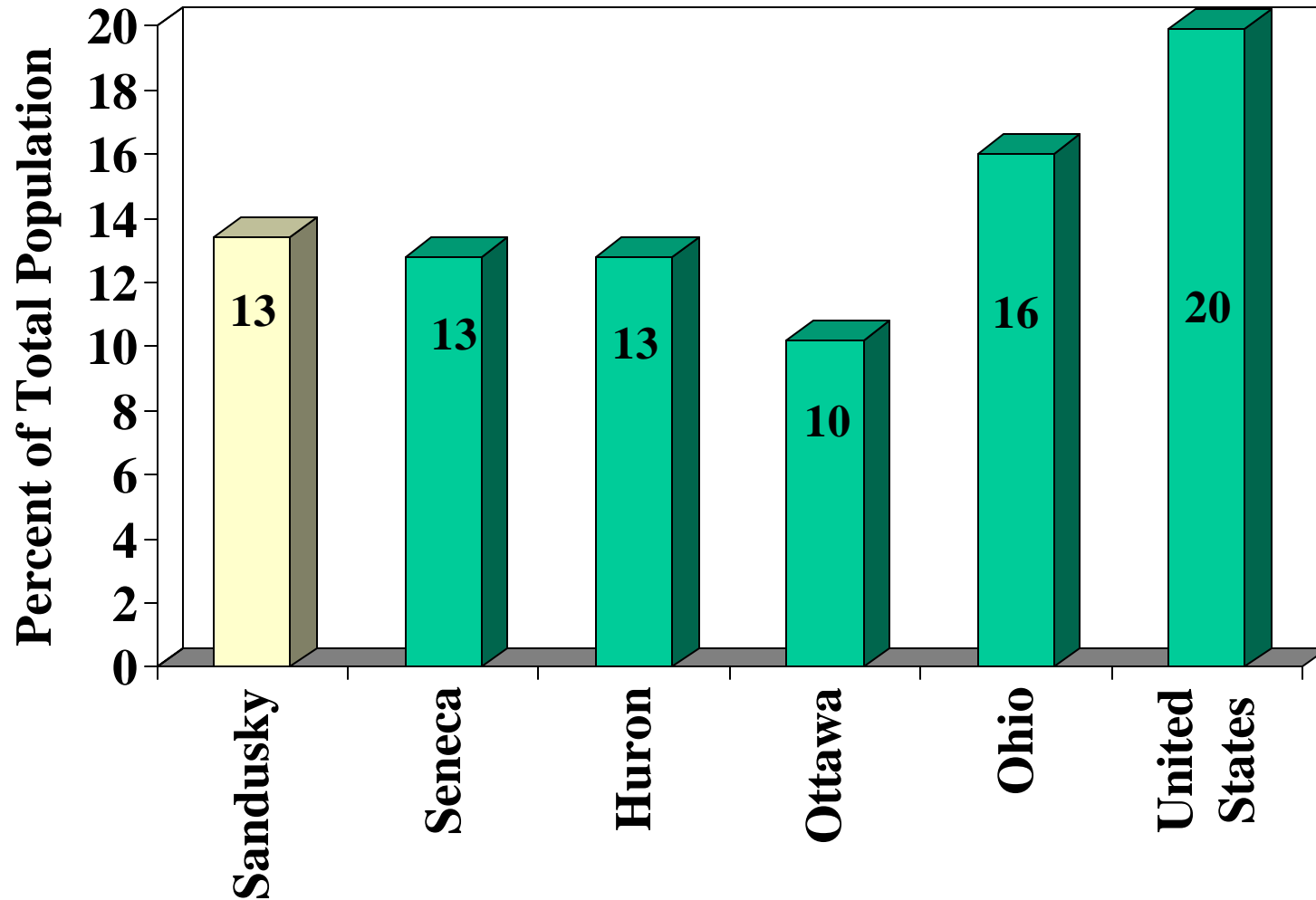
Compiled for Health Partners by
Fall 2001



Percent in Poverty Among Peer Counties, 1997 estimate



Percent of Children Below Poverty, 1997 Estimate

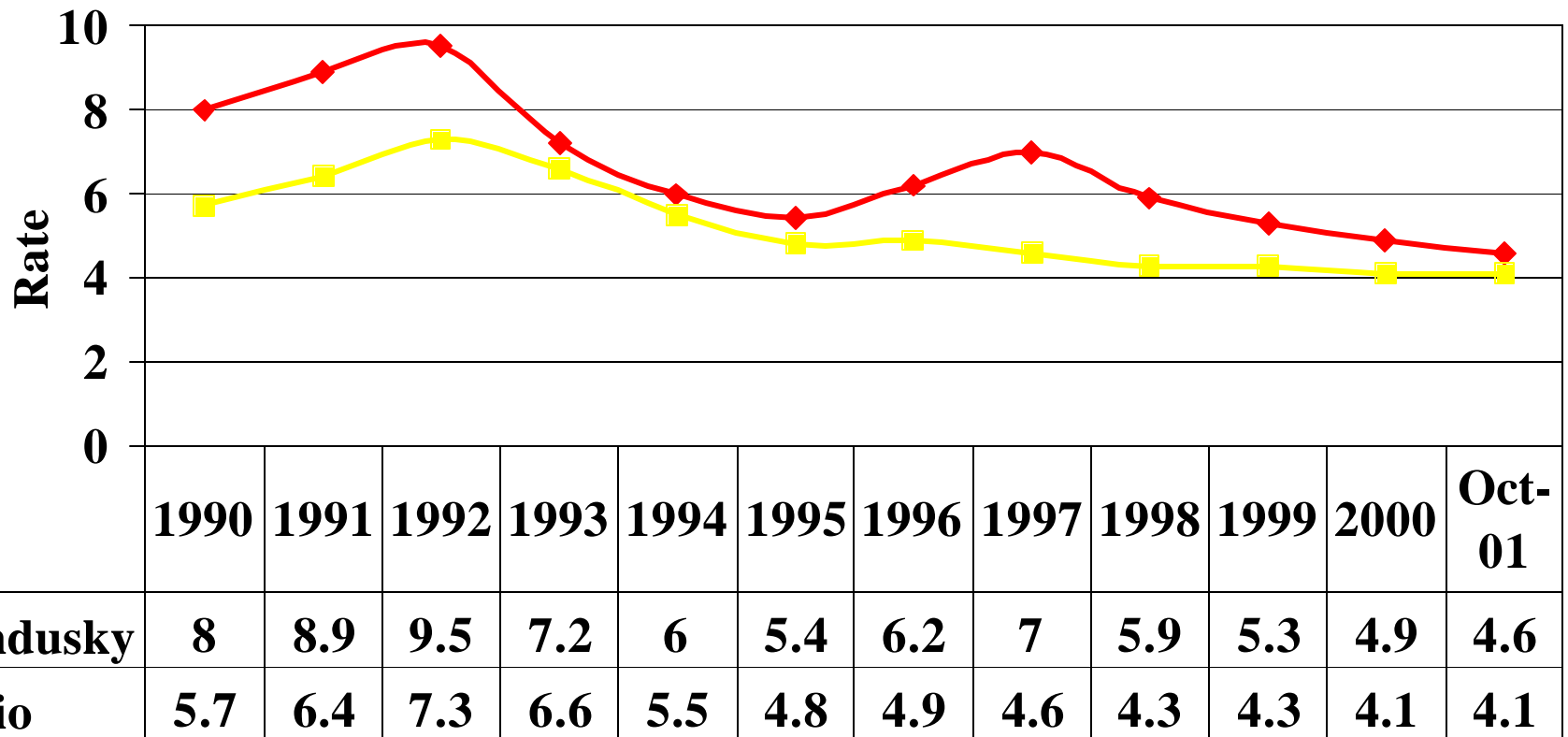


Source: US Census Bureau, 2000

Compiled for Health Partners by
Fall 2001



Sandusky County Unemployment Rates, 1990- October 2001



Source: Ohio Dept. of Job and Family Services, 2001

Compiled for Health Partners by
Fall 2001

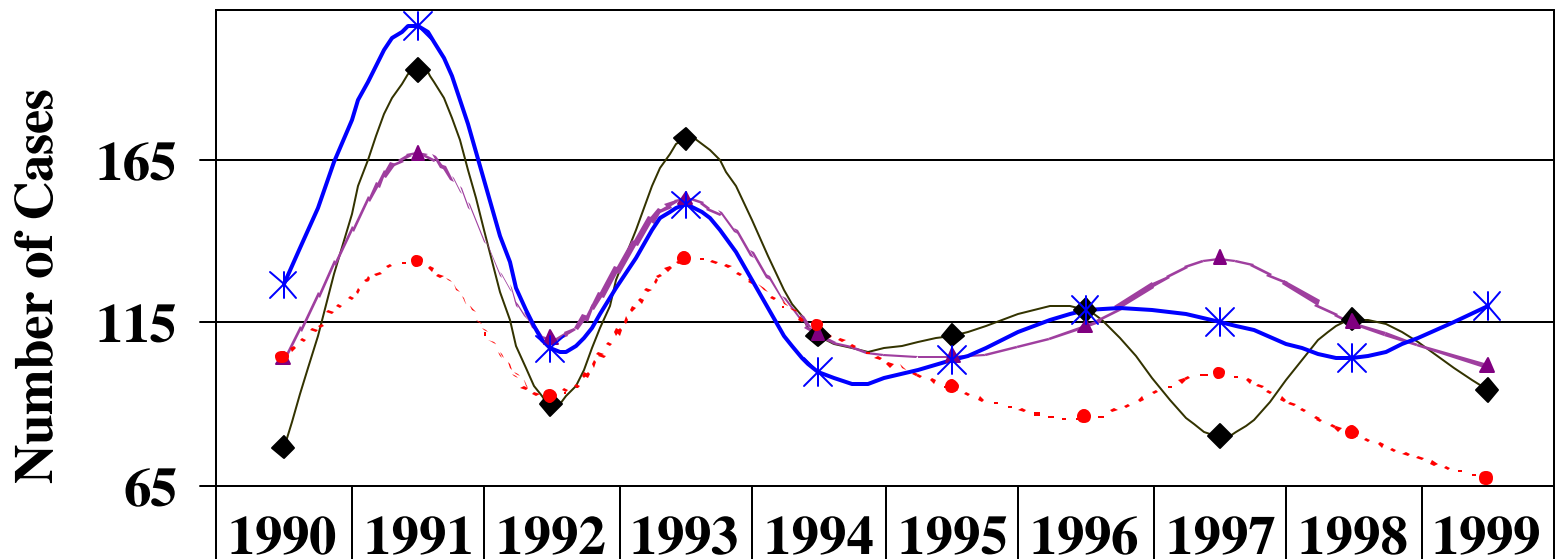


Abortion

Compiled for Health Partners by
Fall 2001



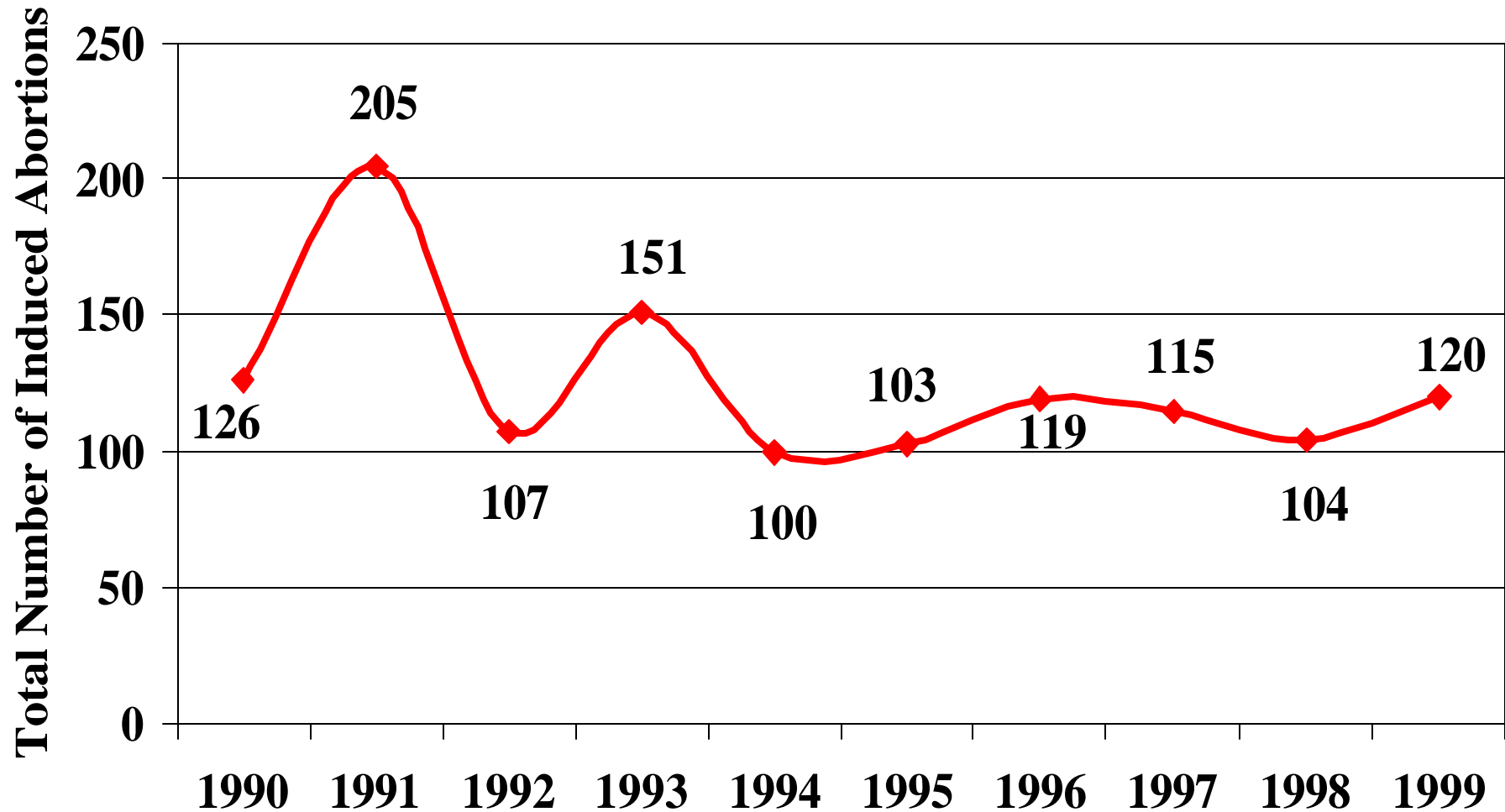
Sandusky County Induced Abortions, 1990-1999



	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
—◆— Seneca	77	192	90	171	111	111	119	80	116	94
—▲— Huron	104	167	110	153	112	105	114	135	115	102
-.-●-.- Ottawa	104	133	92	134	114	95	86	99	81	67
—*— Sandusky	126	205	107	151	100	103	119	115	104	120



Sandusky County Induced Abortions, 1990-1999



Source: ODH Data Warehouse, 2001

Compiled for Health Partners by
Fall 2001

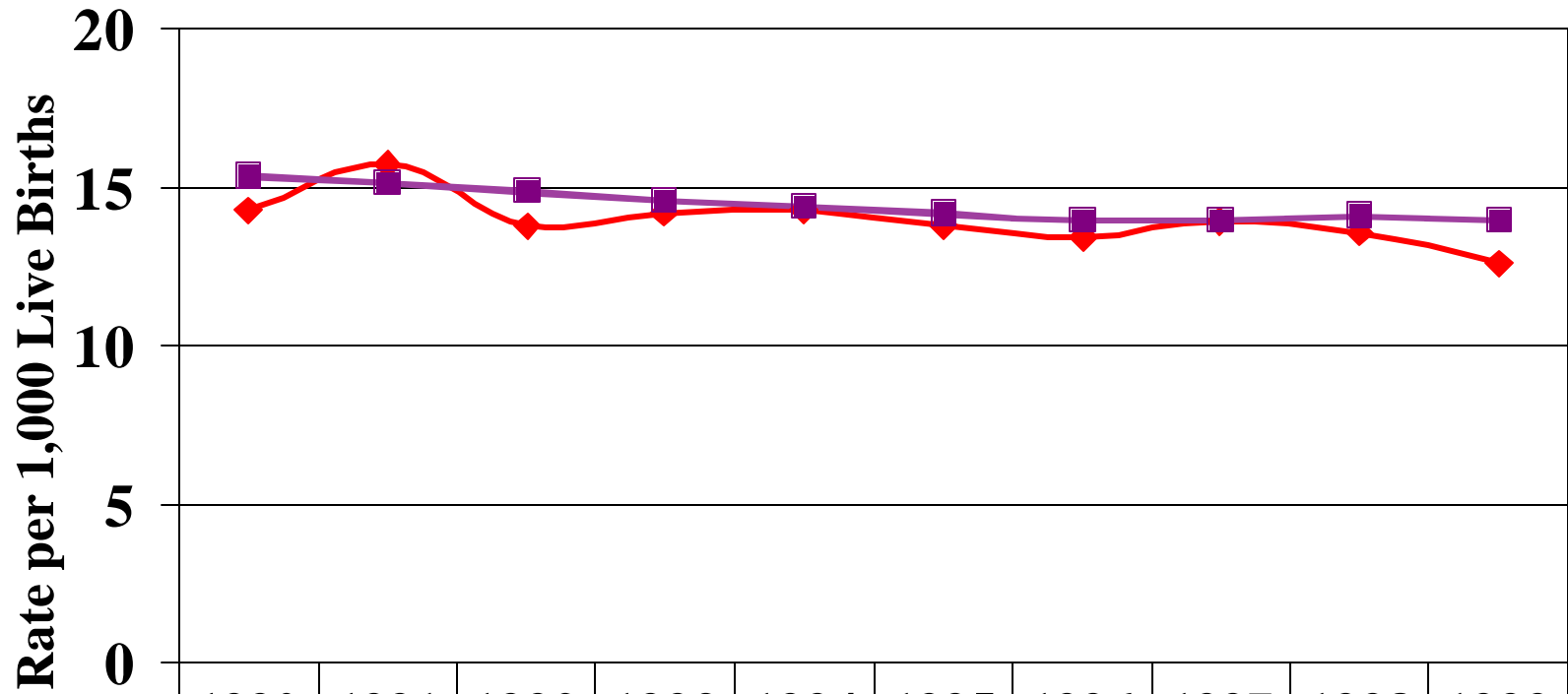


Pregnancy

Compiled for Health Partners by
Fall 2001



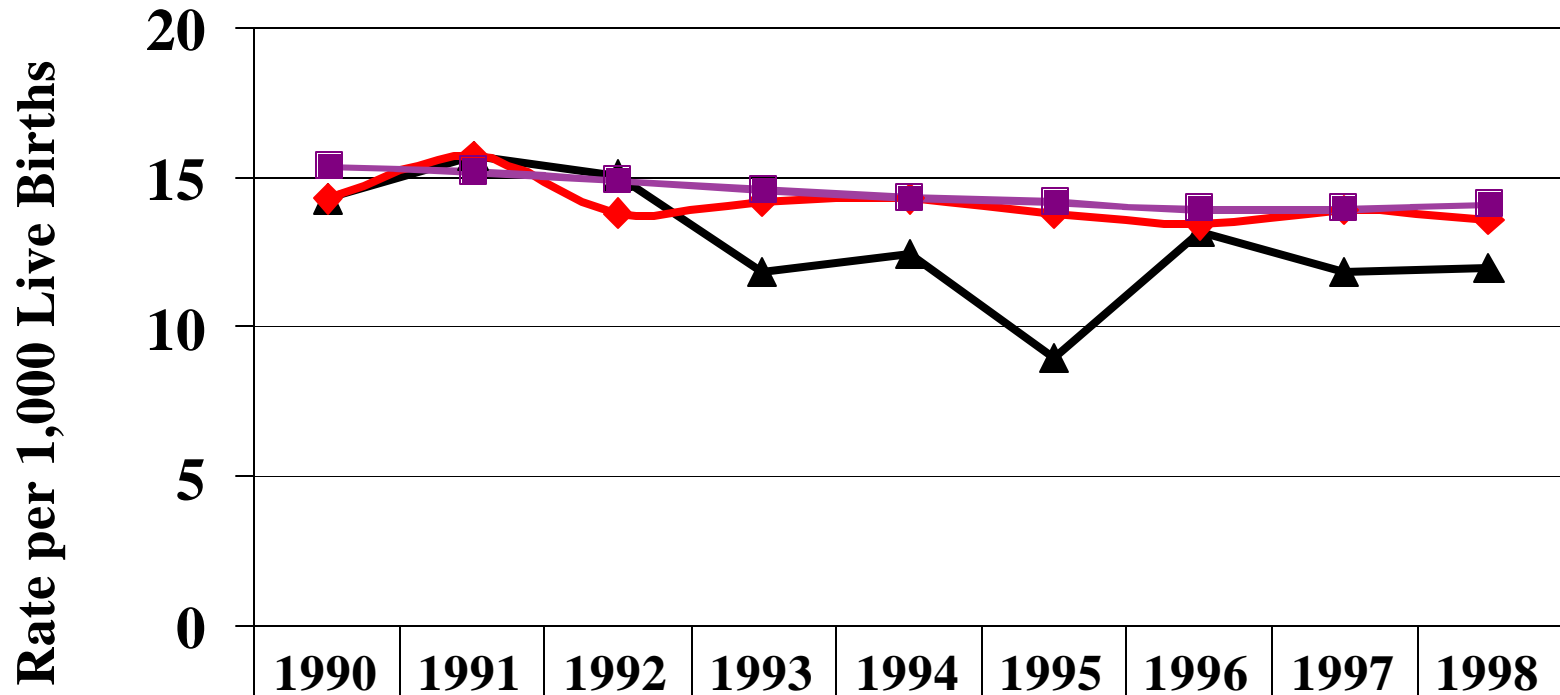
Sandusky County Birth Rates 1990-1999



—◆— Sandusky	14.3	15.7	13.8	14.2	14.3	13.8	13.4	13.9	13.6	12.6
—■— Ohio	15.4	15.2	14.9	14.6	14.4	14.2	14	14	14.1	14



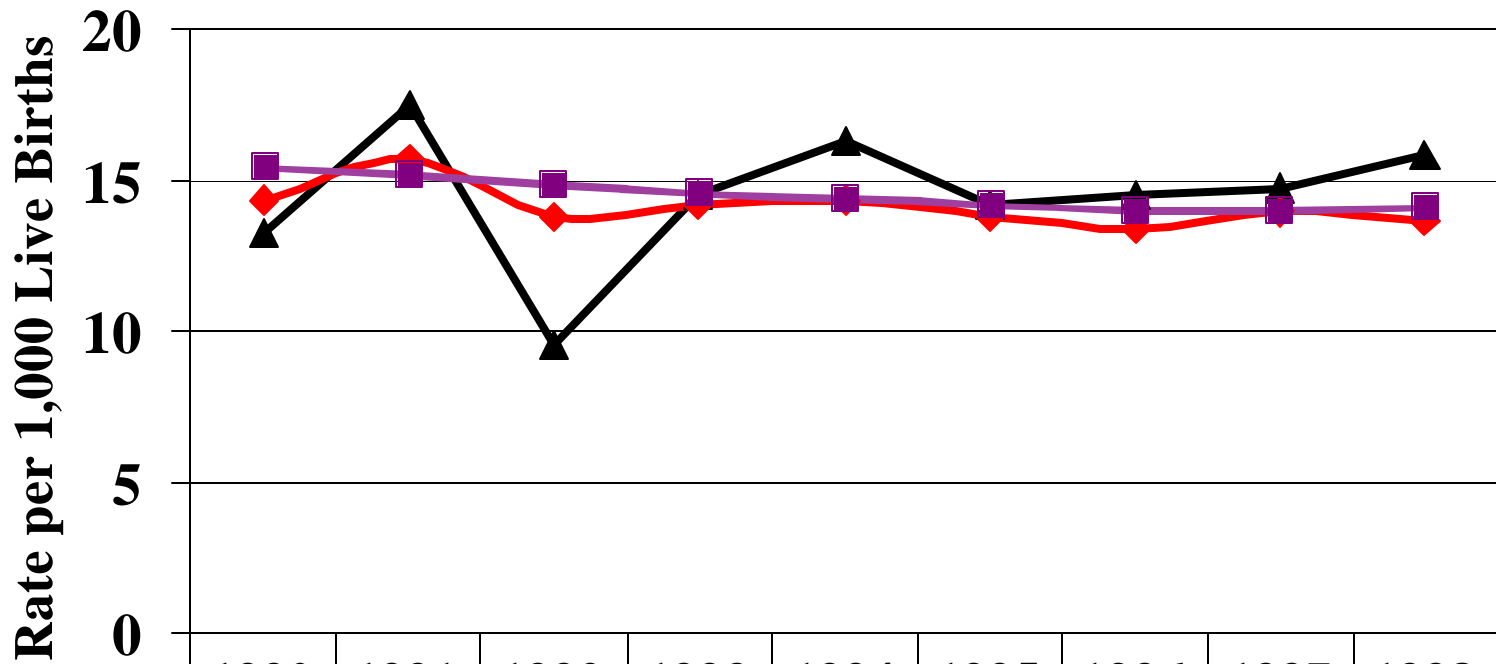
Bellevue Birth Rates 1990-1999



	1990	1991	1992	1993	1994	1995	1996	1997	1998
▲ Bellevue	14.3	15.7	15.1	11.8	12.5	9	13.2	11.8	12
◆ Sandusky Co.	14.3	15.7	13.8	14.2	14.3	13.8	13.4	13.9	13.6
■ Ohio	15.4	15.2	14.9	14.6	14.4	14.2	14	14	14.1



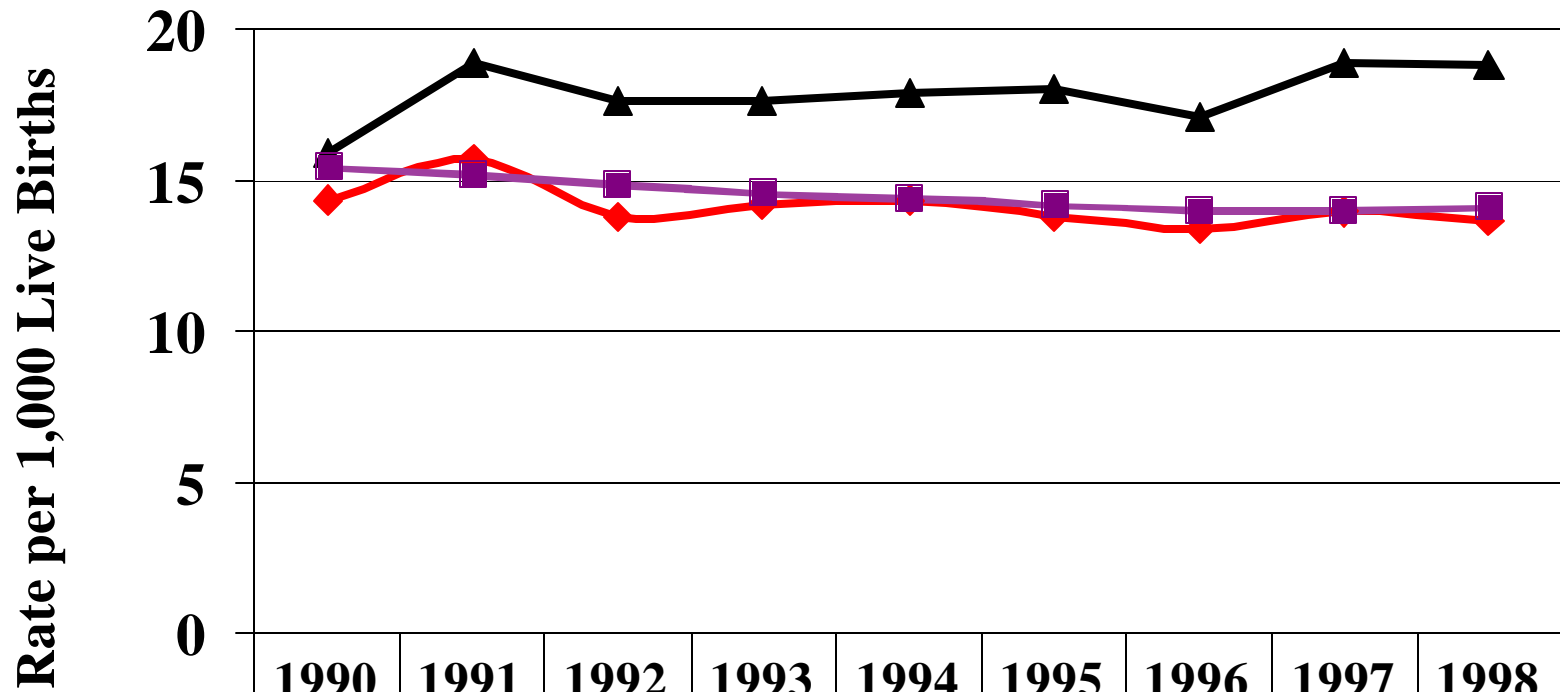
Clyde Birth Rates 1990-1999



	1990	1991	1992	1993	1994	1995	1996	1997	1998
▲ Clyde	13.2	17.5	9.5	14.5	16.3	14.2	14.5	14.7	15.8
◆ Sandusky Co.	14.3	15.7	13.8	14.2	14.3	13.8	13.4	13.9	13.6
■ Ohio	15.4	15.2	14.9	14.6	14.4	14.2	14	14	14.1



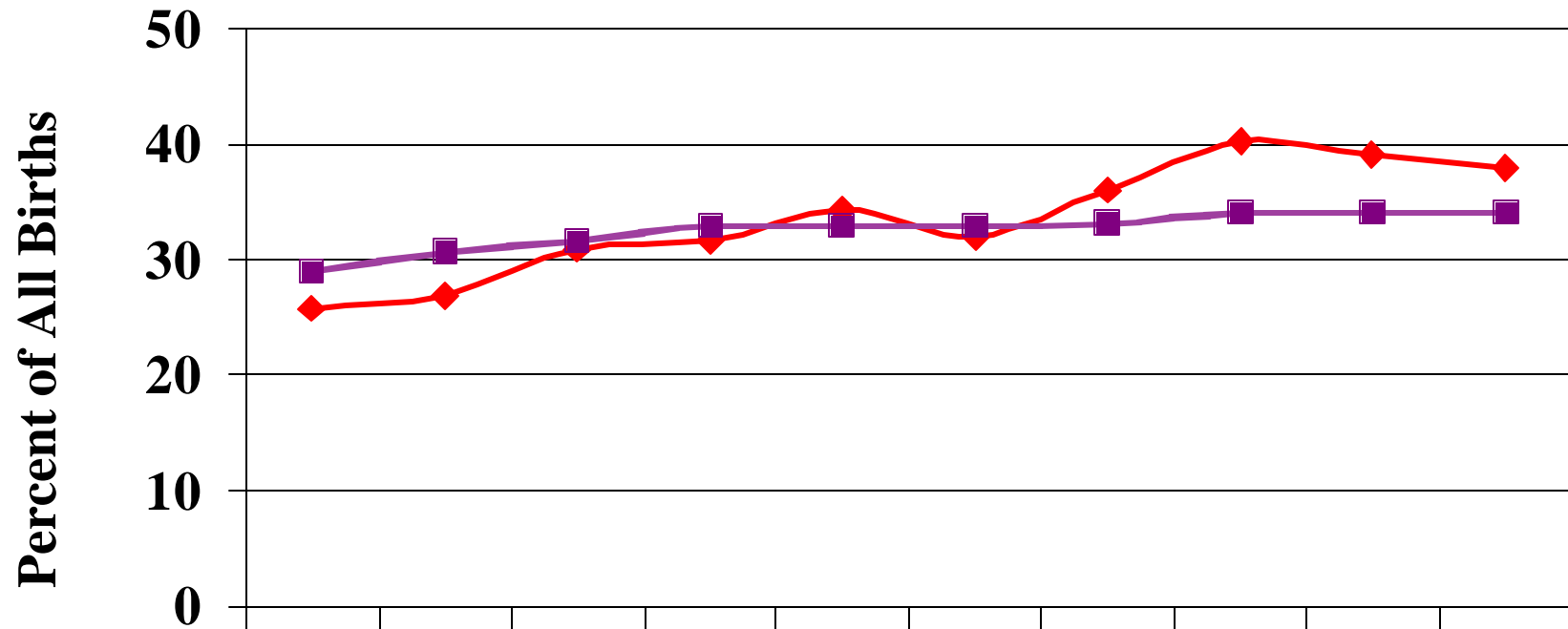
Fremont Birth Rates 1990-1999



	1990	1991	1992	1993	1994	1995	1996	1997	1998
▲ Fremont	15.9	18.9	17.6	17.6	17.9	18	17.1	18.9	18.8
◆ Sandusky Co.	14.3	15.7	13.8	14.2	14.3	13.8	13.4	13.9	13.6
■ Ohio	15.4	15.2	14.9	14.6	14.4	14.2	14	14	14.1



Sandusky County Unwed Mothers 1990-1999



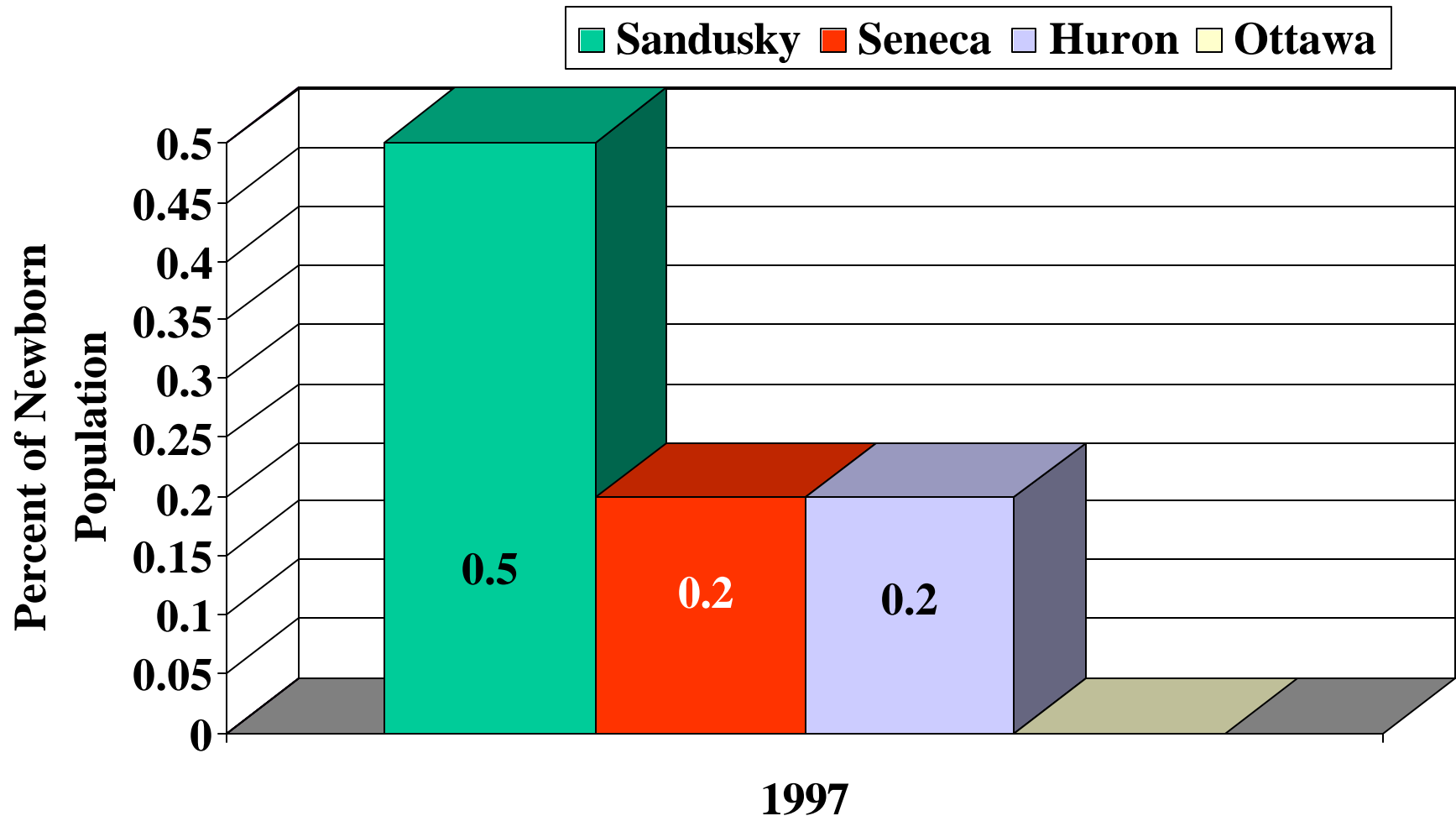
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
—◆— Sandusky	25.7	26.9	30.8	31.6	34.2	32	36	40.1	39	37.9
—■— Ohio	28.9	30.6	31.6	33	32.9	33	33.1	34	34	34.1

Source: ODH Data Warehouse, 2001

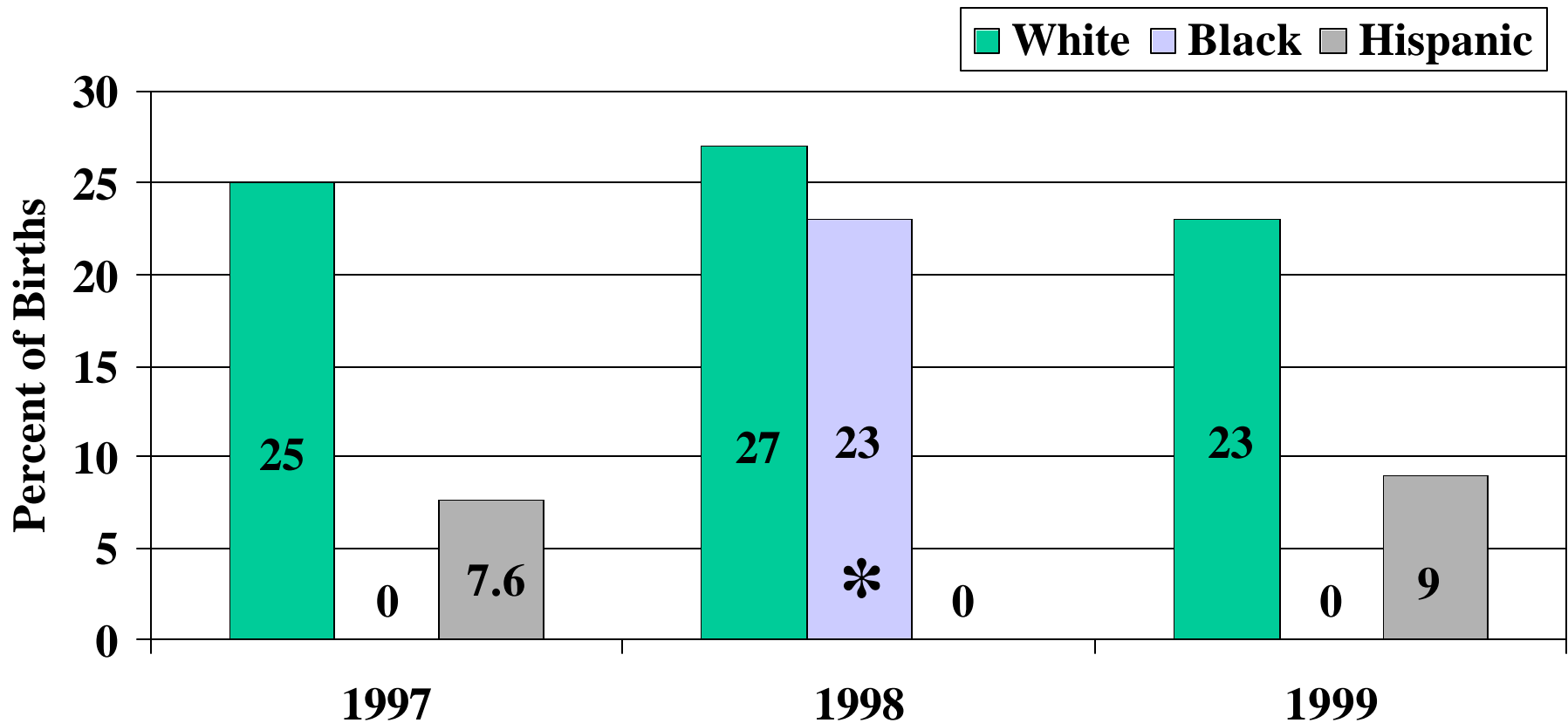
Compiled for Health Partners by
Fall 2001



Percent of Peer County Newborn Populations Exposed to Drugs or Alcohol



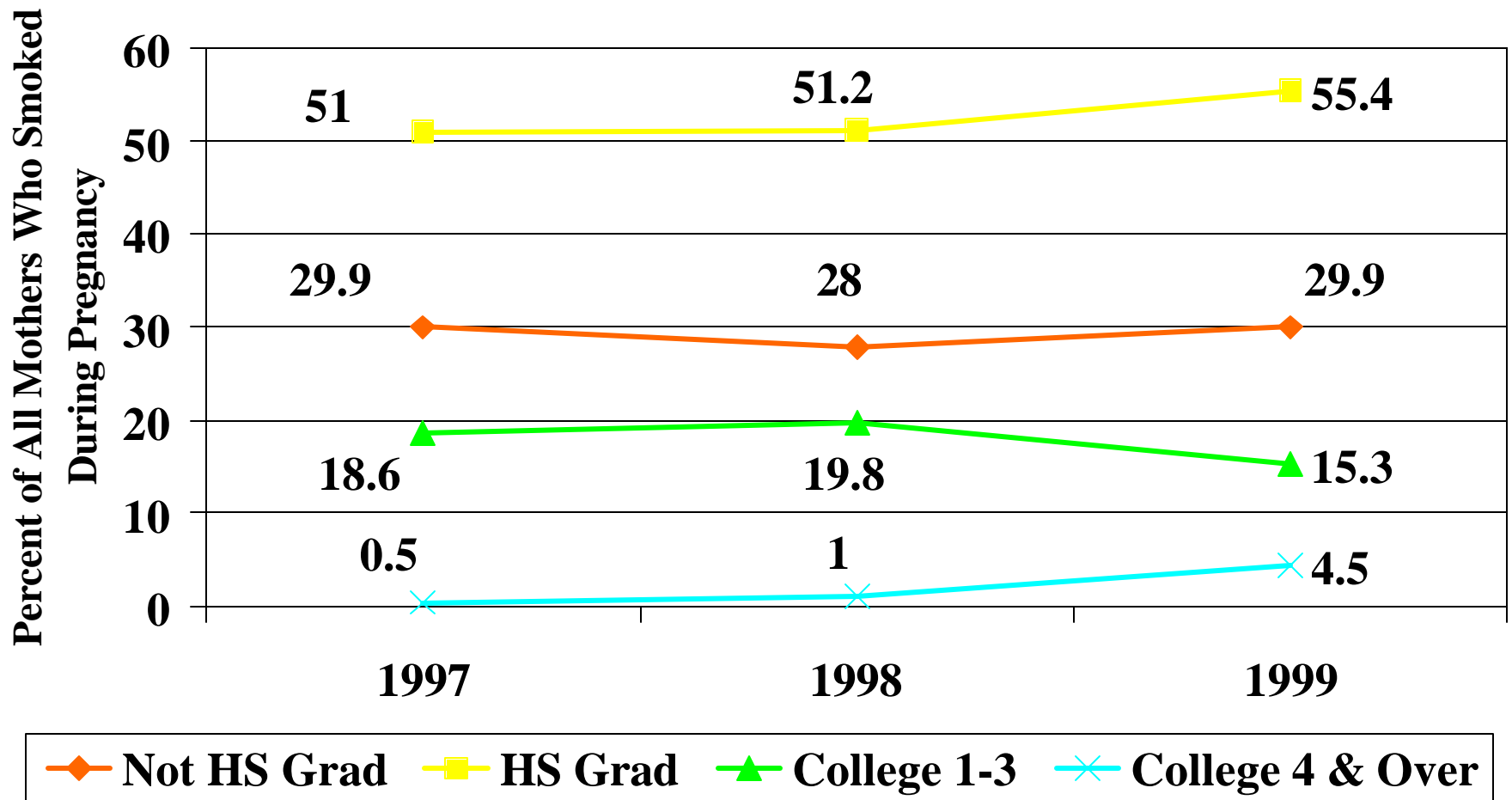
Sandusky County Mothers Who Smoked During Pregnancy, 1997-1999



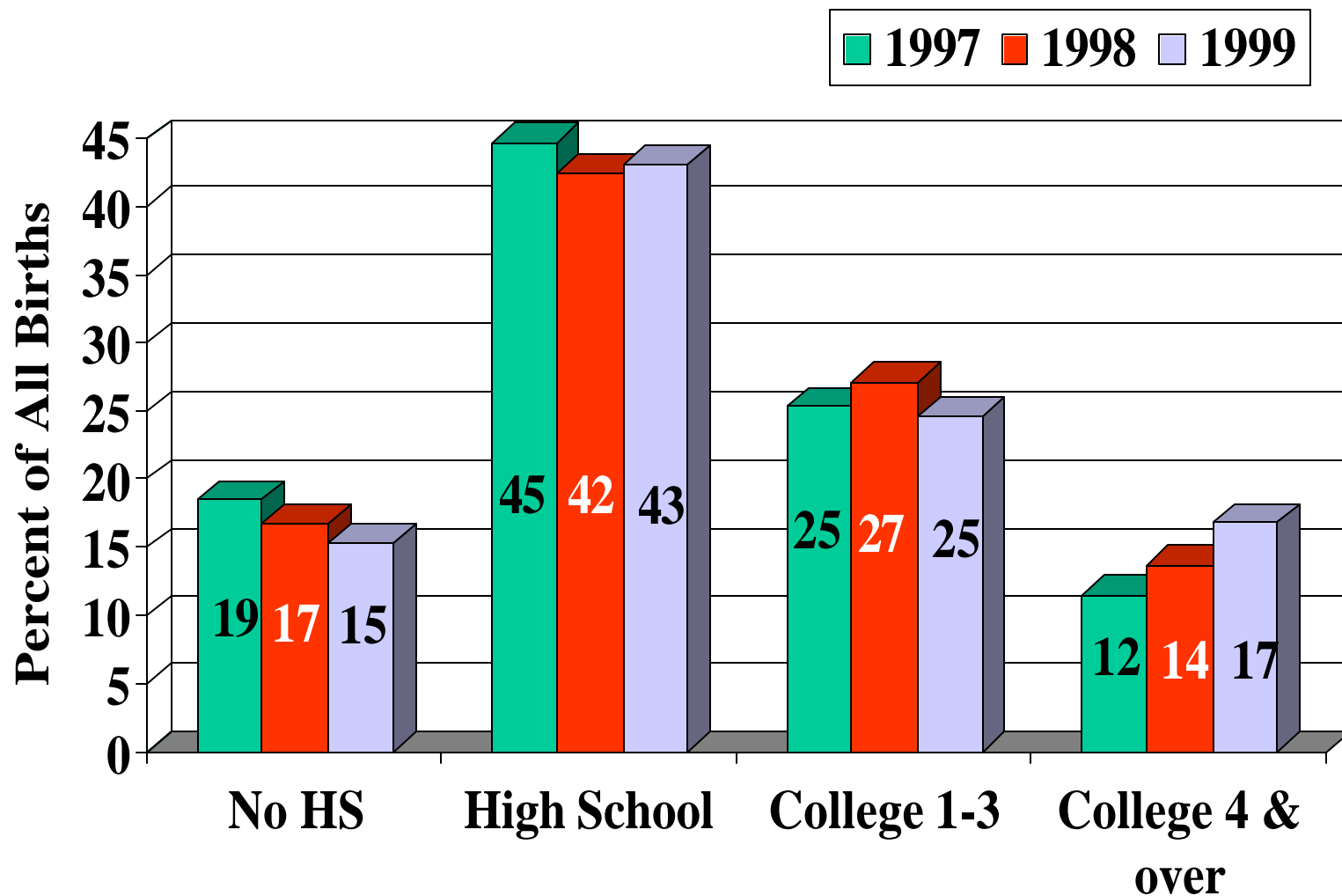
* Data not reliable



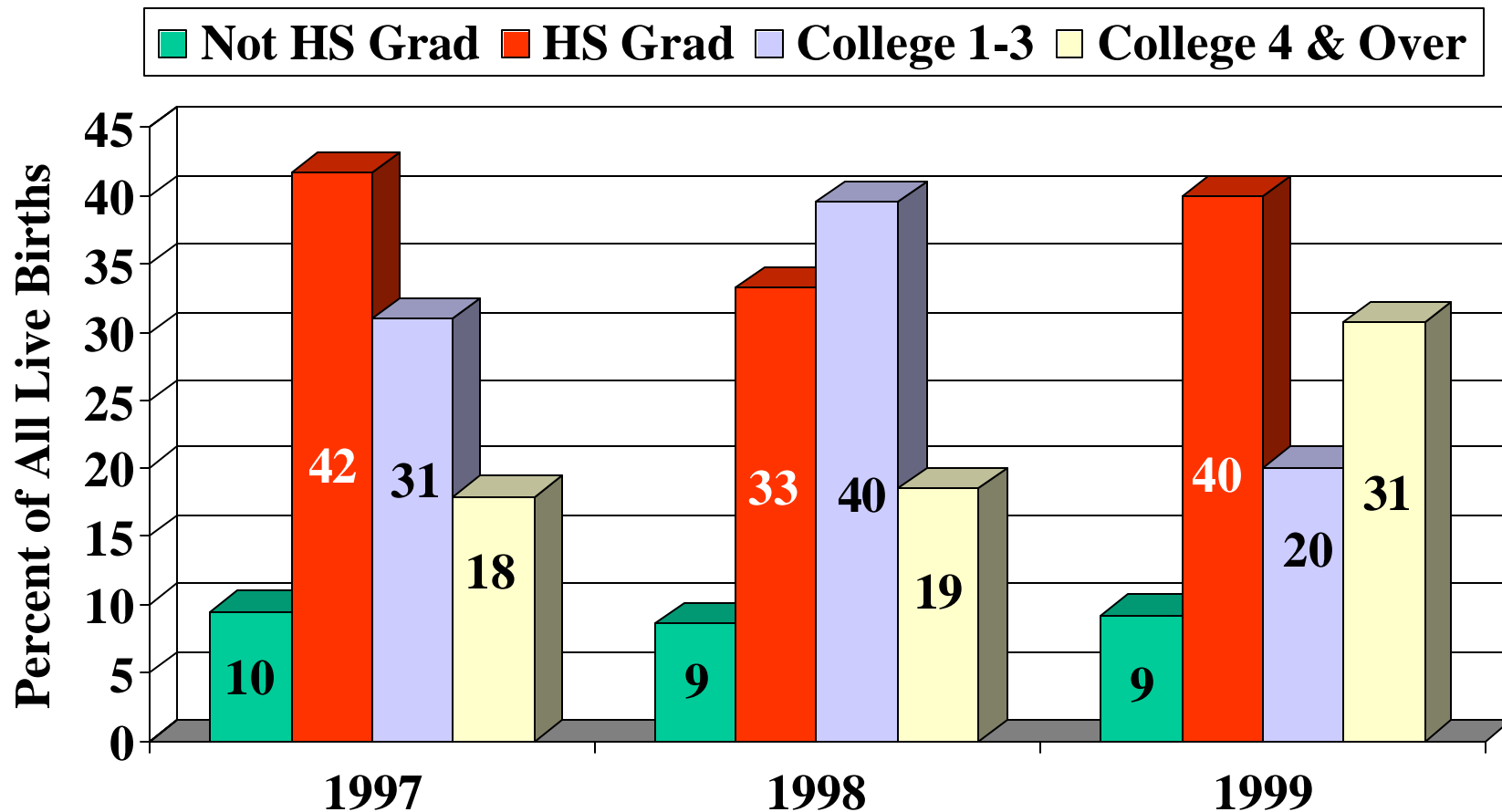
Sandusky County Births To Mothers Who Smoked During Pregnancy Based on Mother's Education Group, 1997-1999



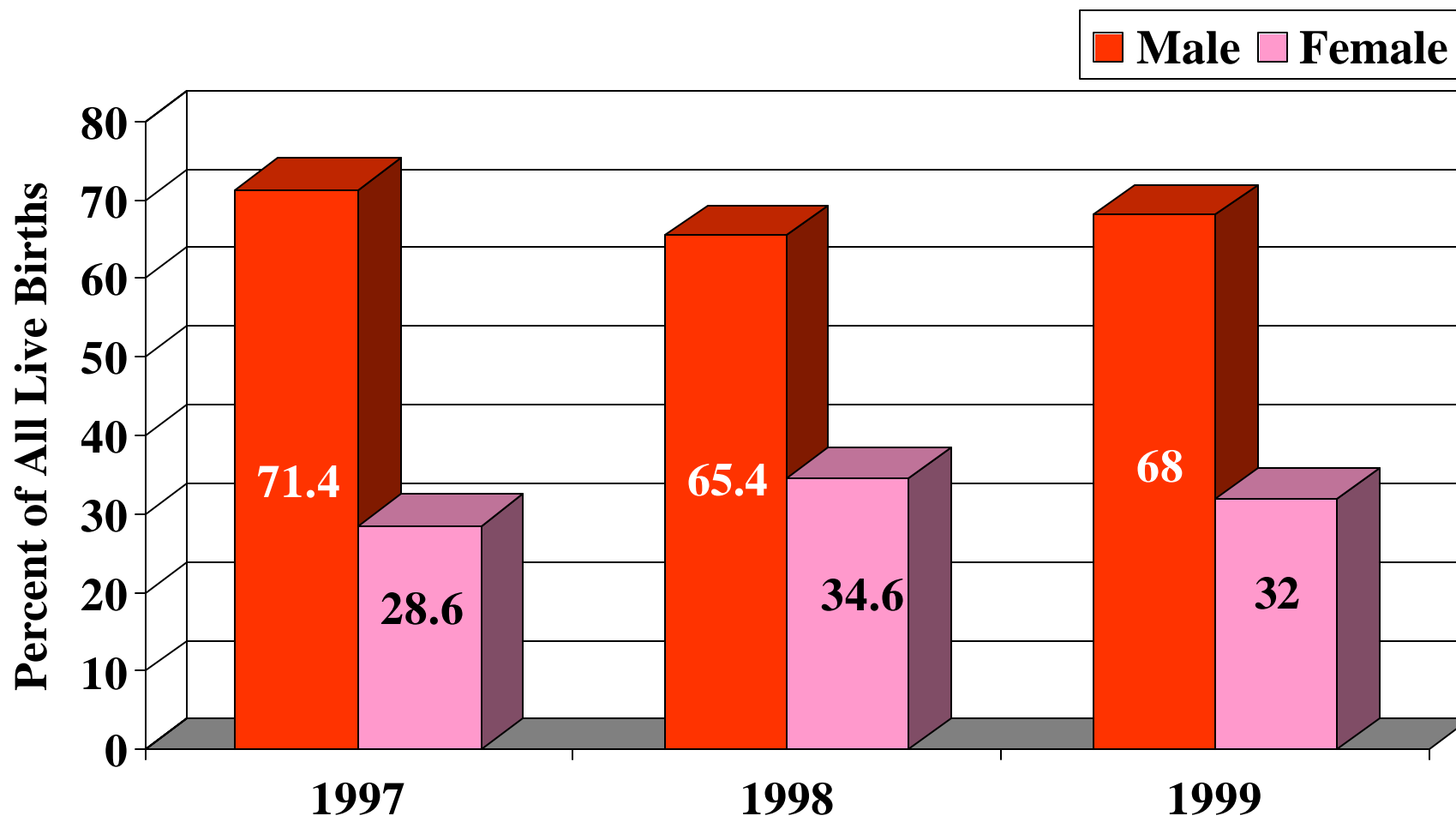
Sandusky County Births Based on Mother's Education Group, 1997-1999



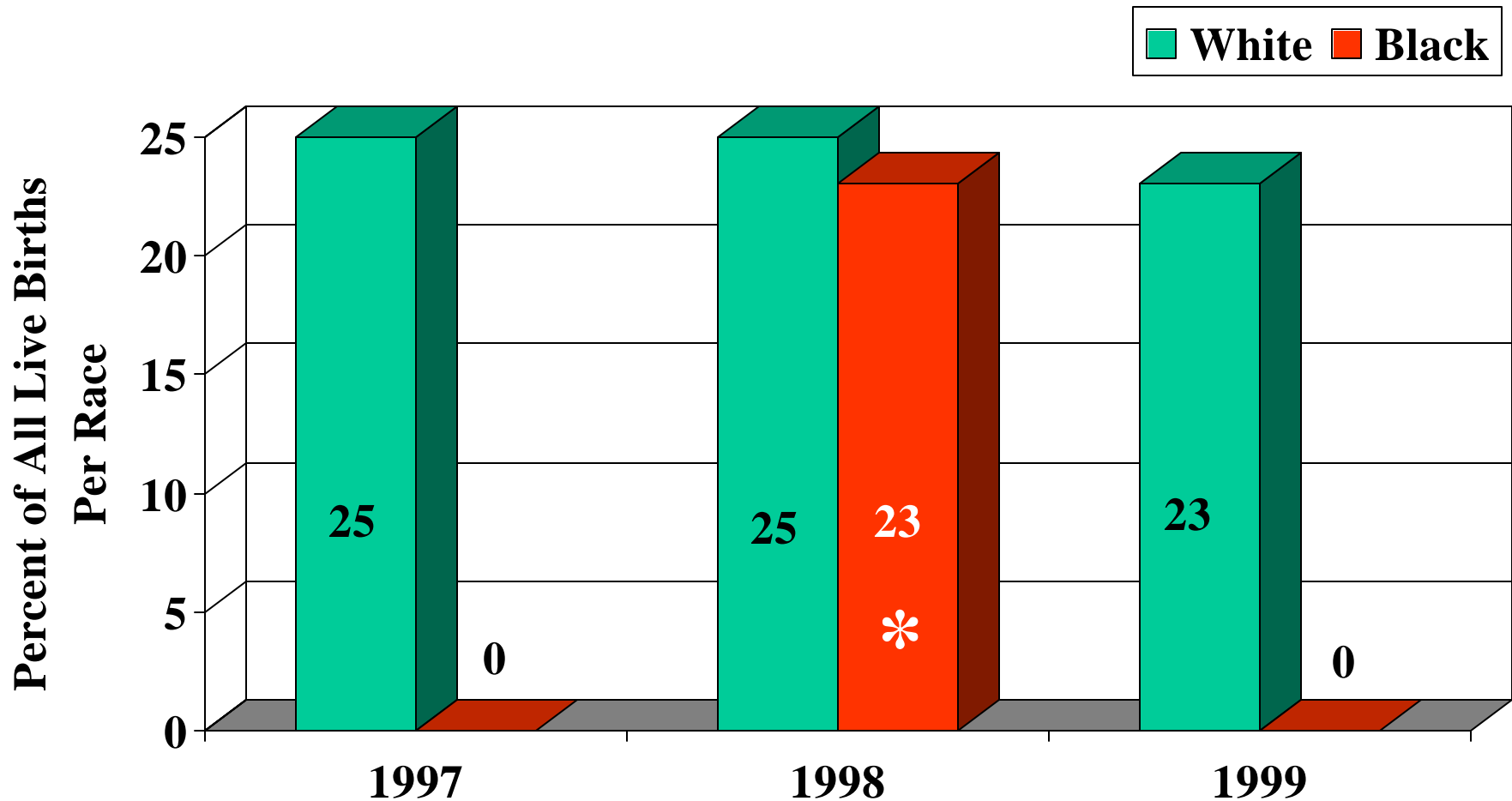
Sandusky County Births >3999 Grams Based on Mother's Education Group, 1997-1999



Sandusky County Births >3999 Grams, 1997-1999



Births to All Sandusky County Mothers Who Smoked During Pregnancy, 1997-1999



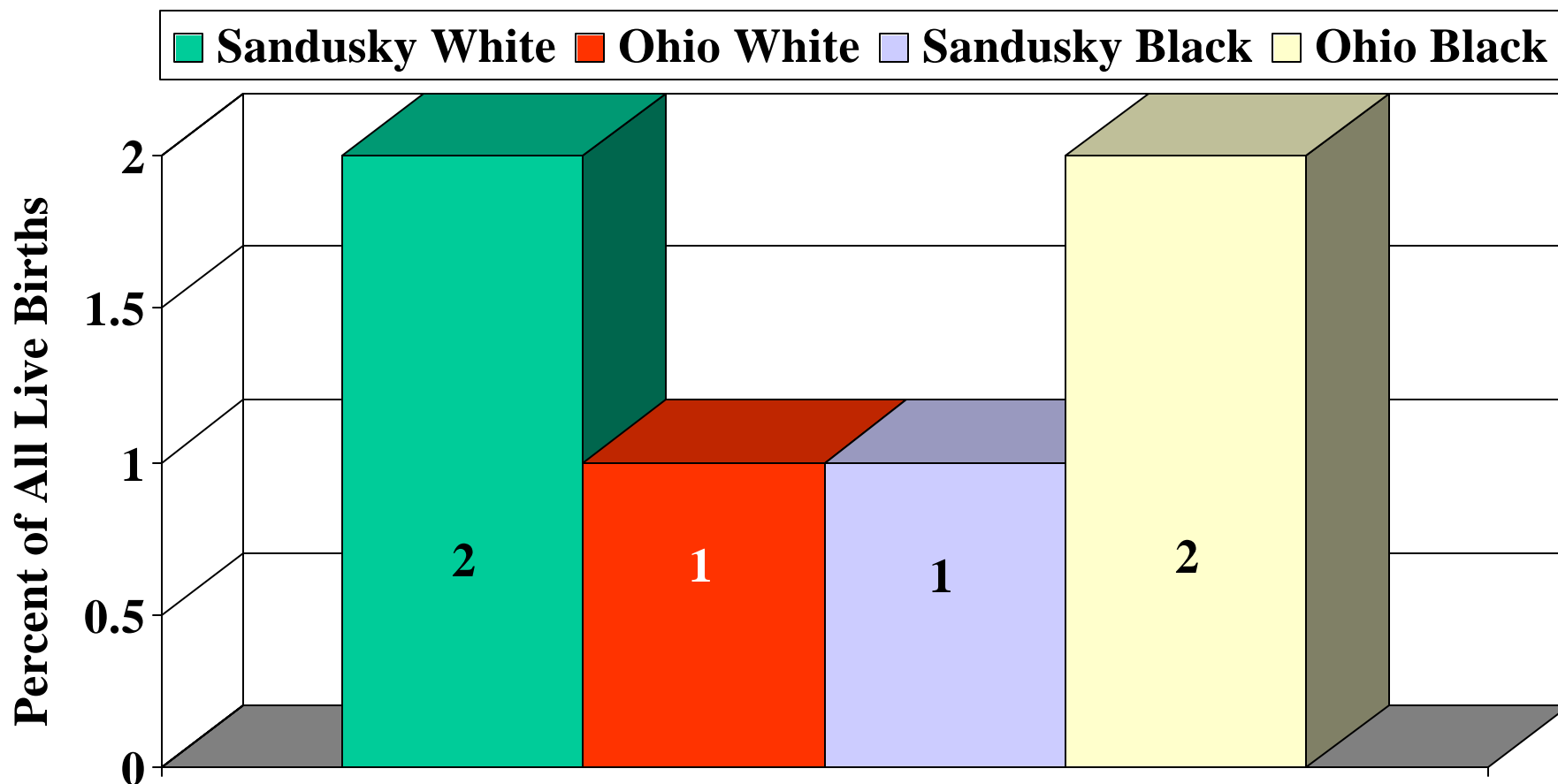
Source: ODH Data Warehouse, 2001

* Data not reliable

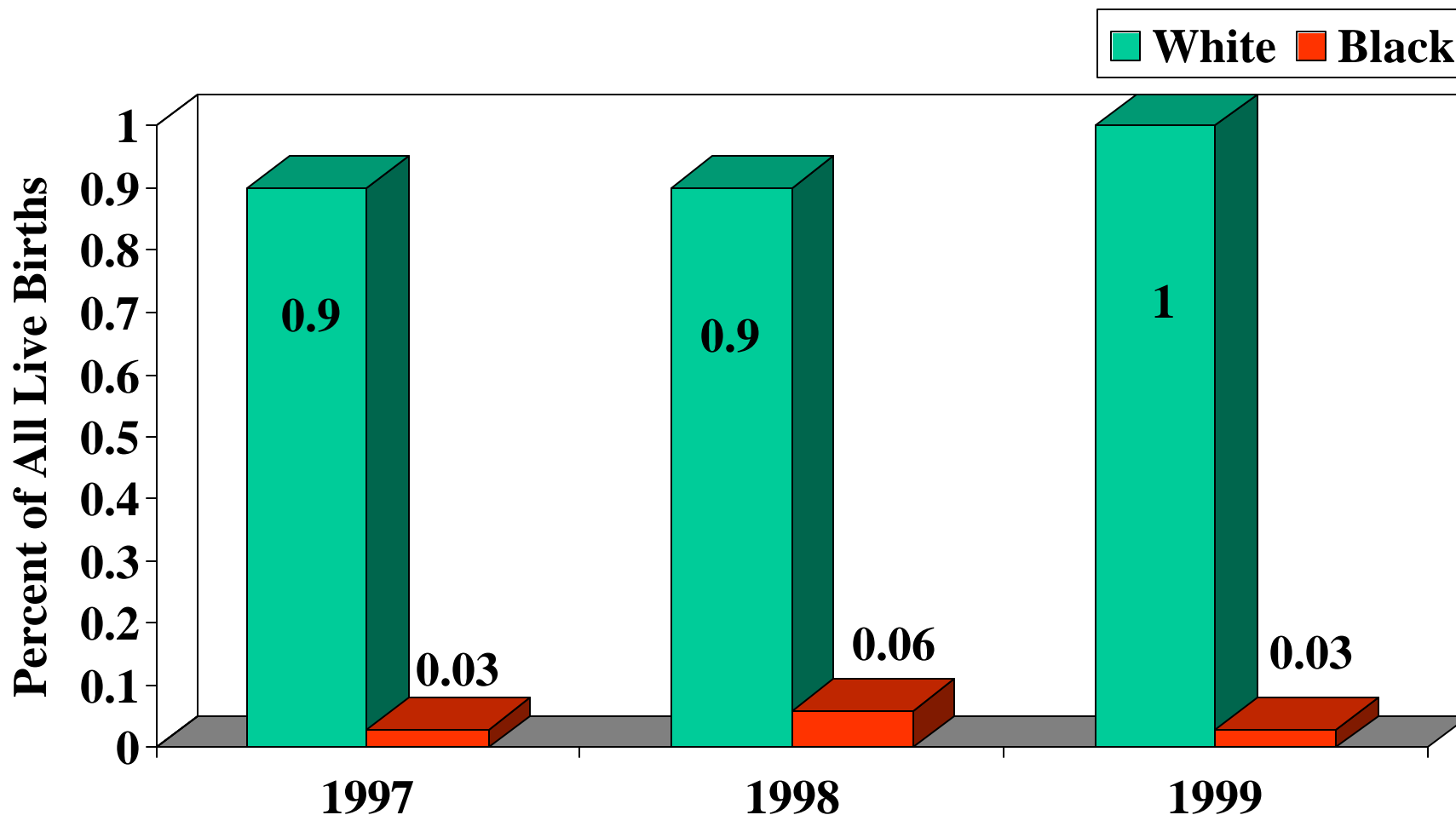
Compiled for Health Partners by
Fall 2001



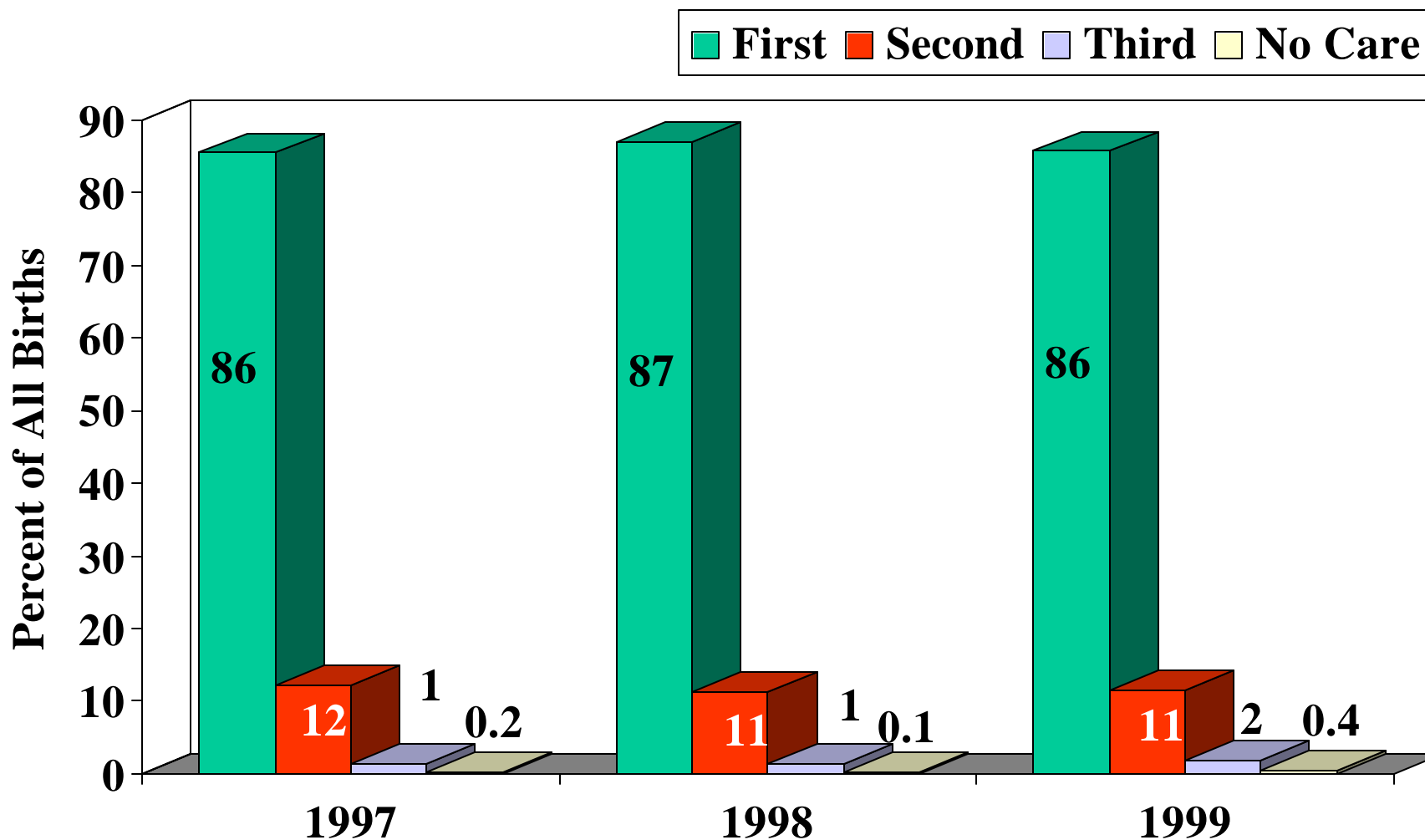
Sandusky County Births To Mothers Who Drank Alcohol During Pregnancy, 1997-1999



Sandusky County Births >3999 Grams Separated by Race, 1997-1999



Trimester Care Began By Sandusky County Mothers, 1997-1999

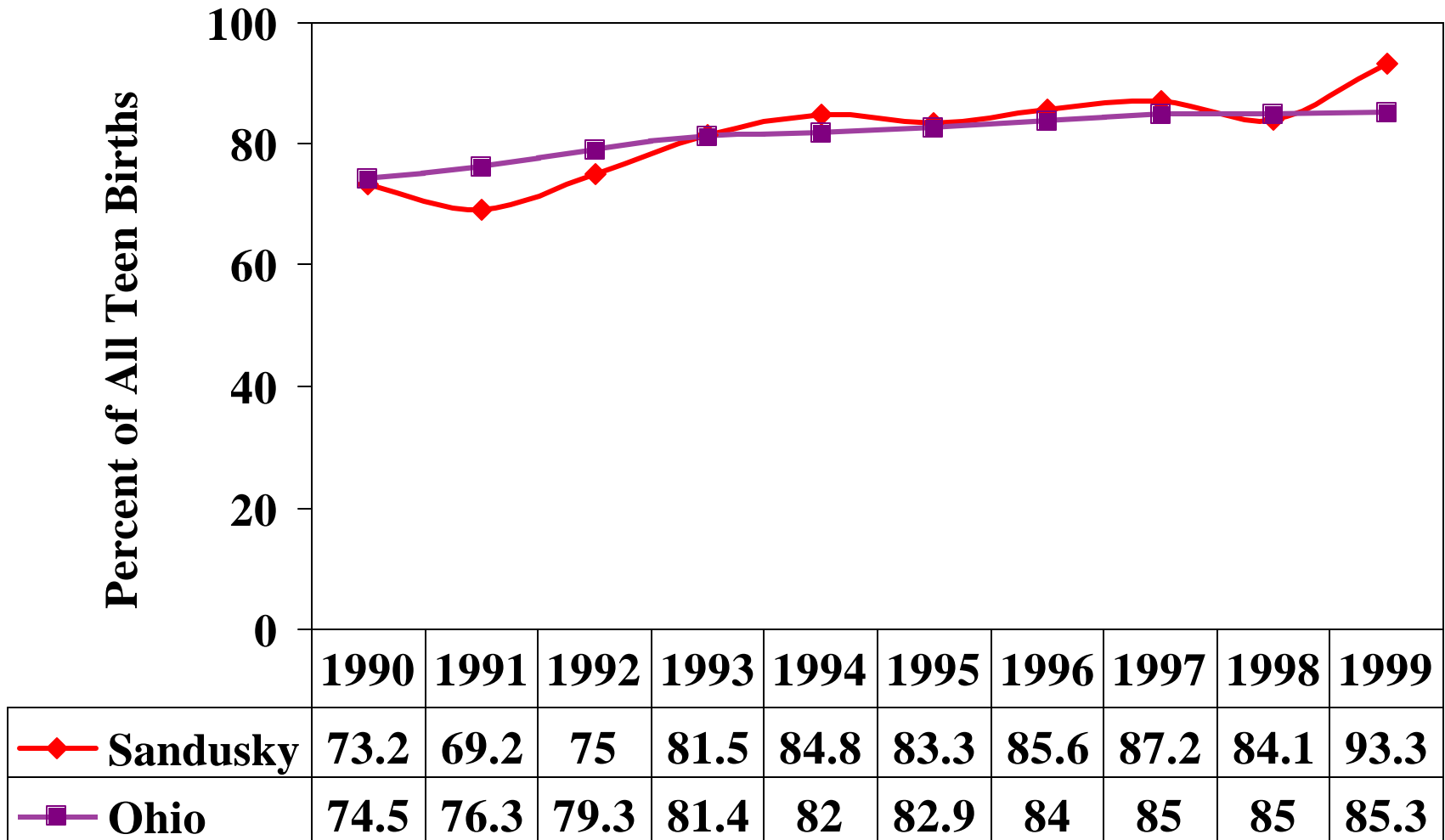


Teen Pregnancy

Compiled for Health Partners by
Fall 2001



Sandusky County Unwed Teen Mothers 1990-1999

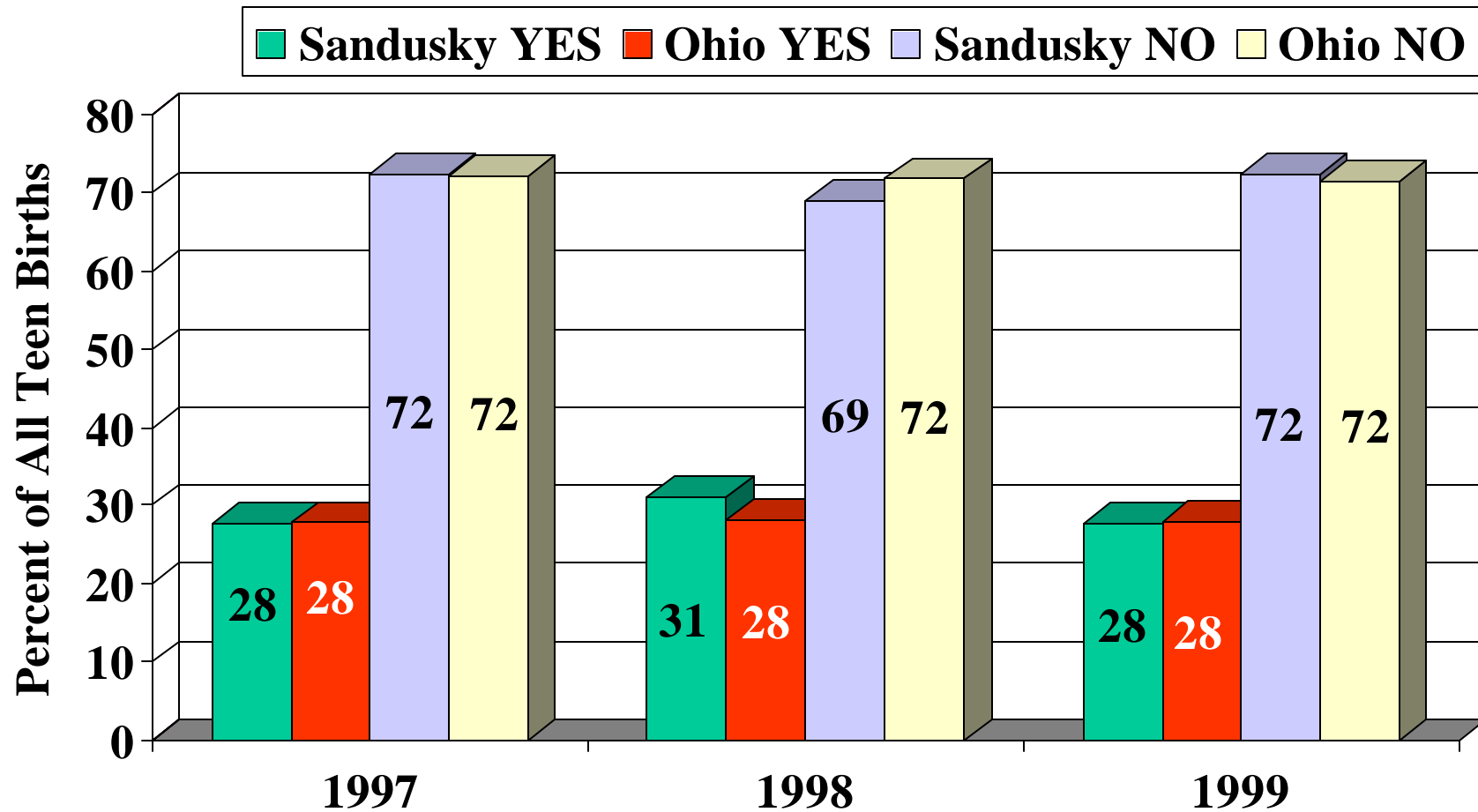


Source: ODH Data Warehouse, 2001

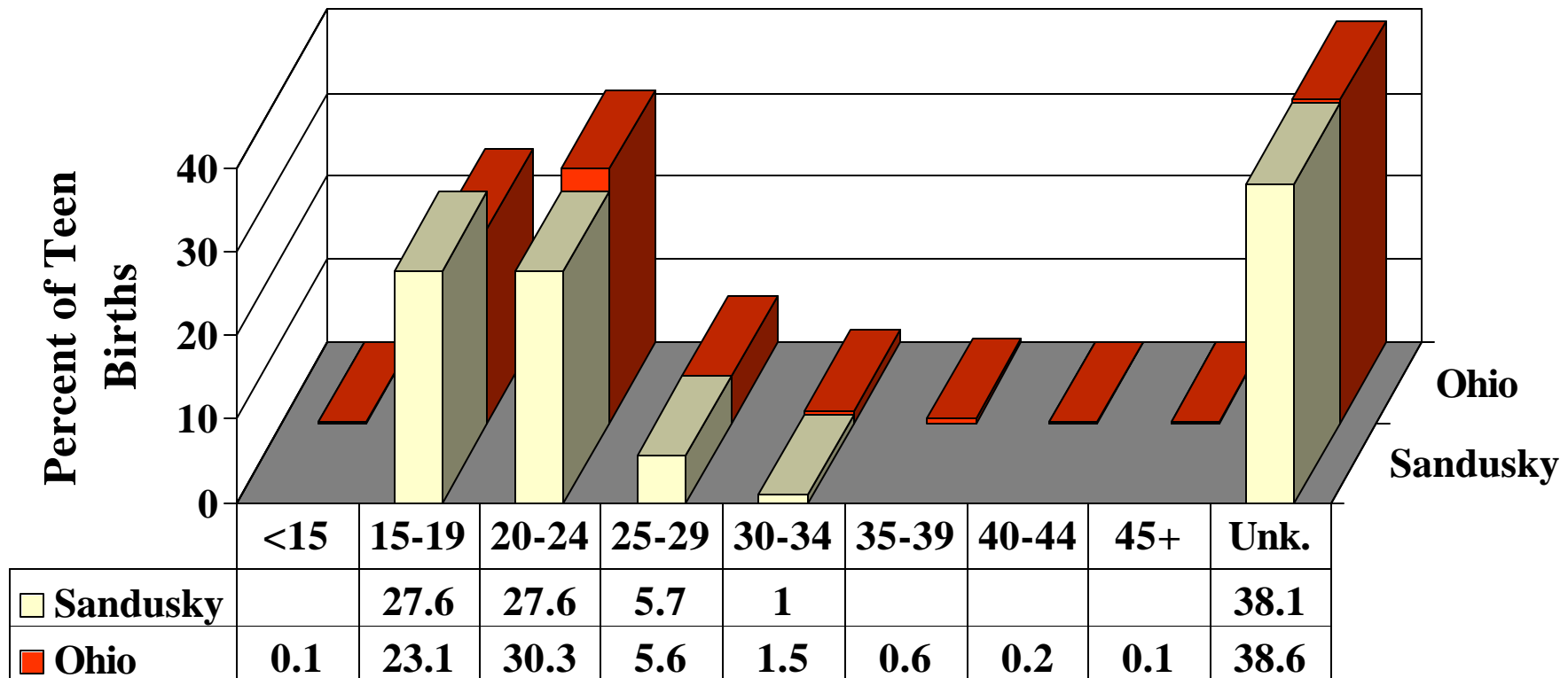
Compiled for Health Partners by
Fall 2001



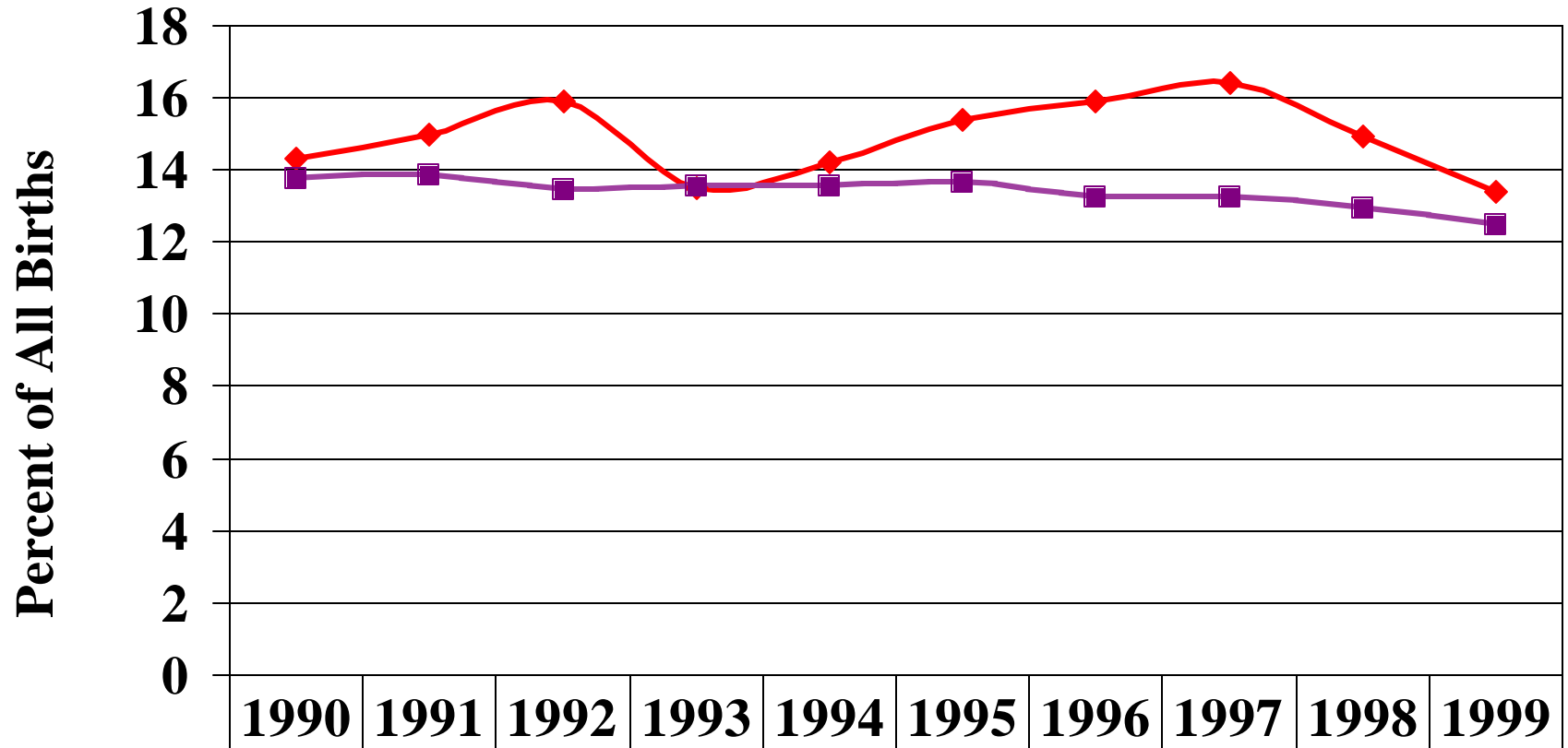
Sandusky County Teen Mothers Who Smoked During Pregnancy



Age of Sandusky County Teen Birth Fathers, 1999



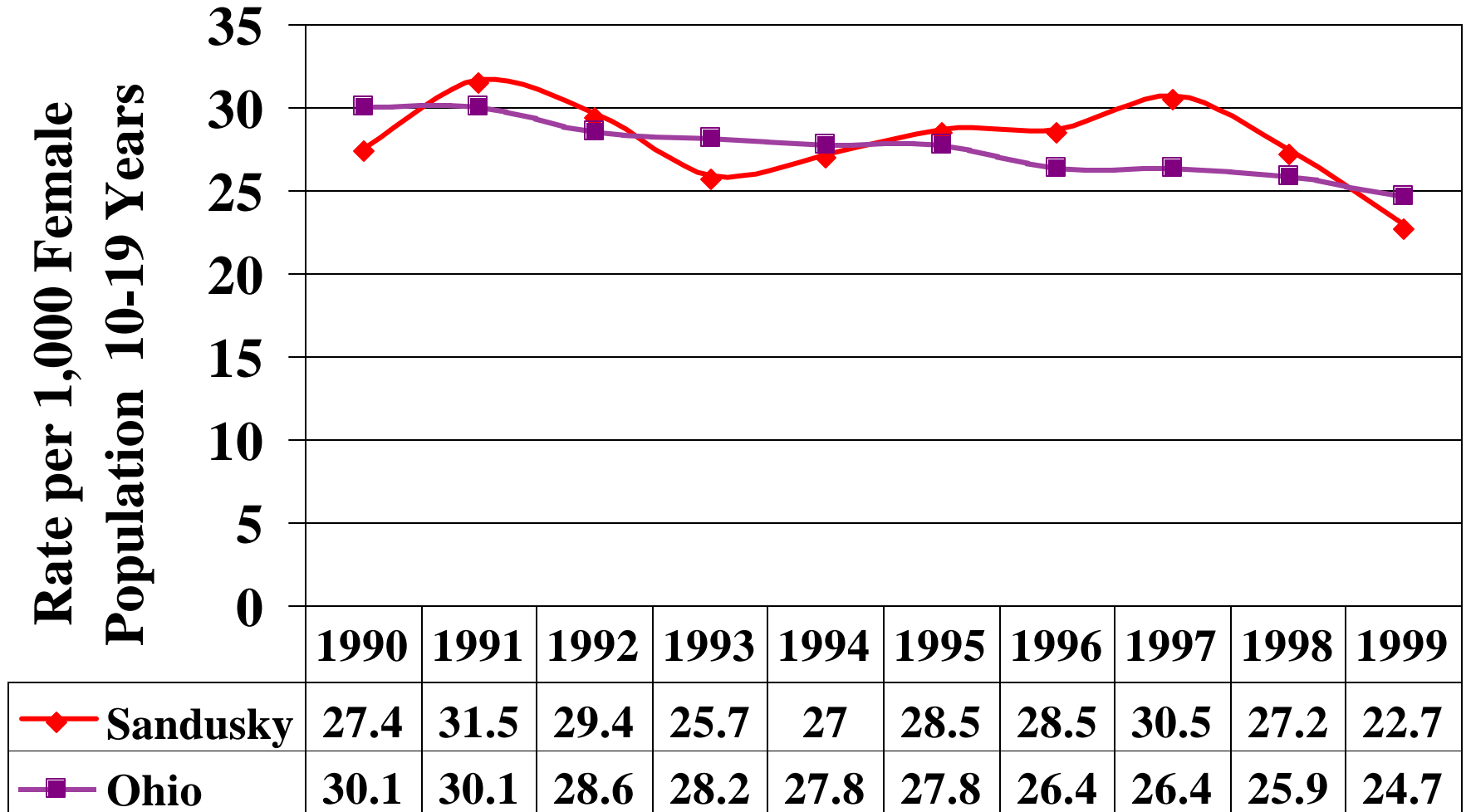
Sandusky County Teen Births 1990-1999



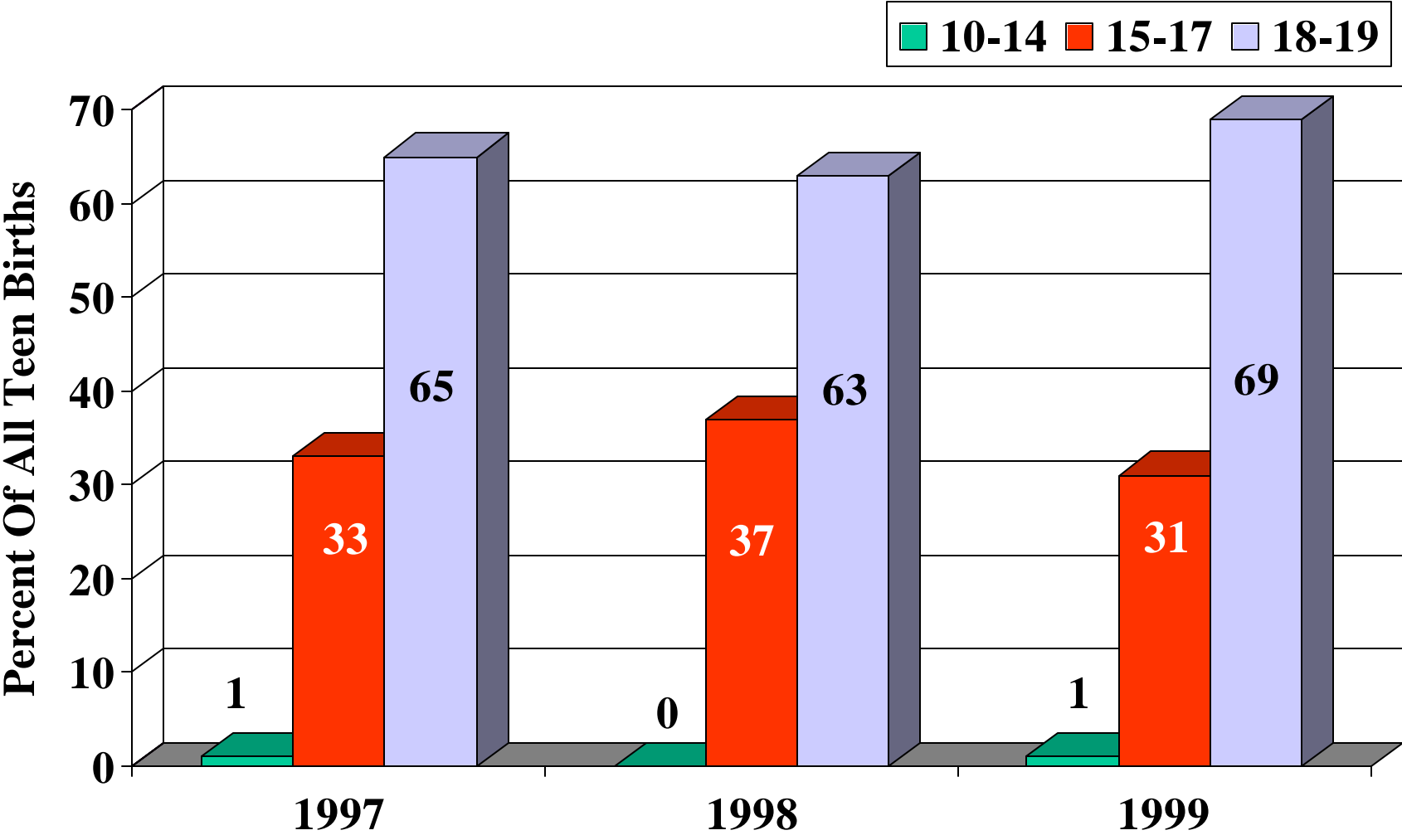
—◆— Sandusky	14.3	15	15.9	13.5	14.2	15.4	15.9	16.4	14.9	13.4
—■— Ohio	13.8	13.9	13.5	13.6	13.6	13.7	13.3	13.3	13	12.5



Sandusky County Teen Birth Rates 1990-1999



Sandusky County Teen Births By Age, 1997-1999

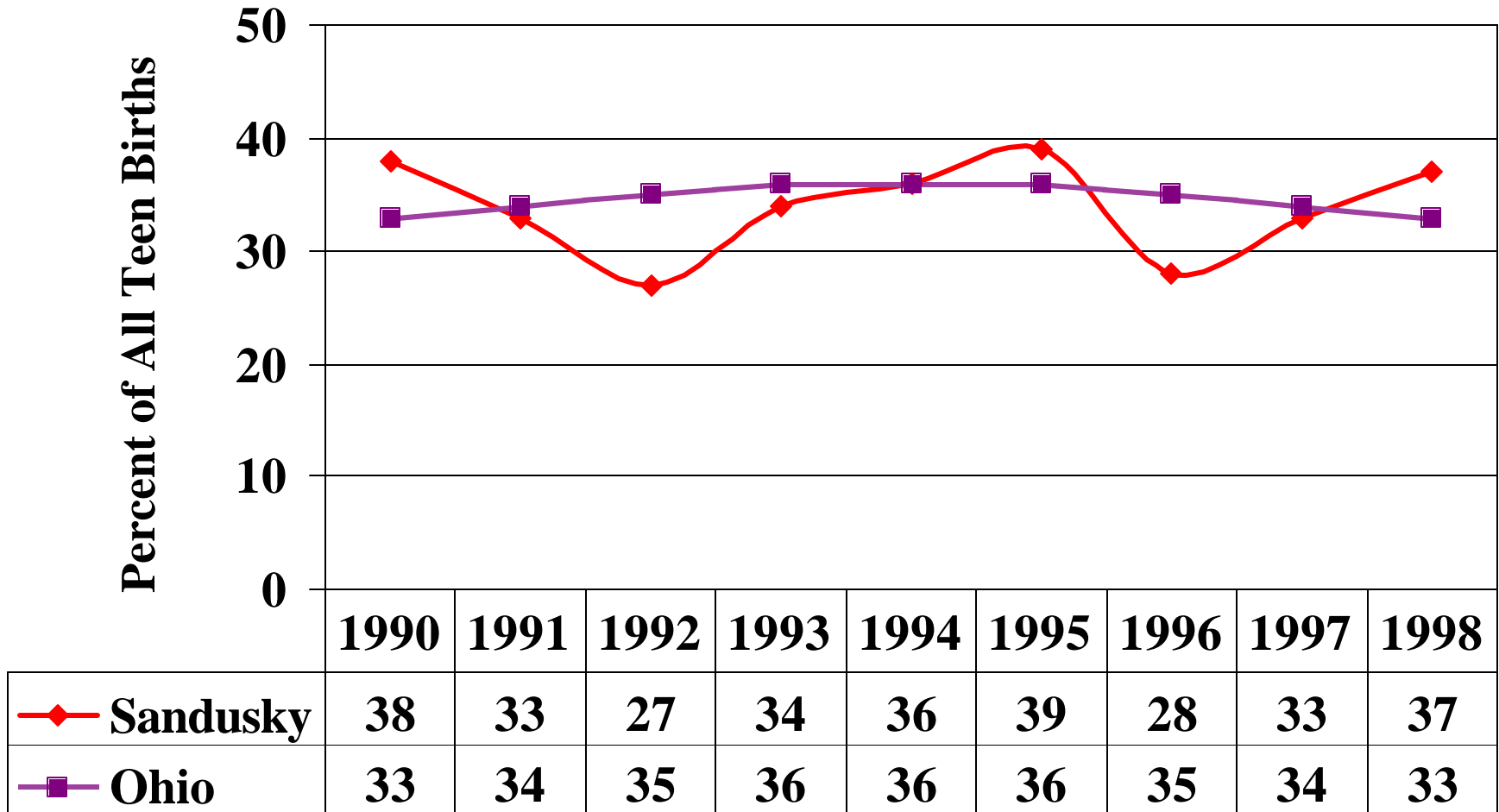


Source: ODH Data Warehouse, 2001

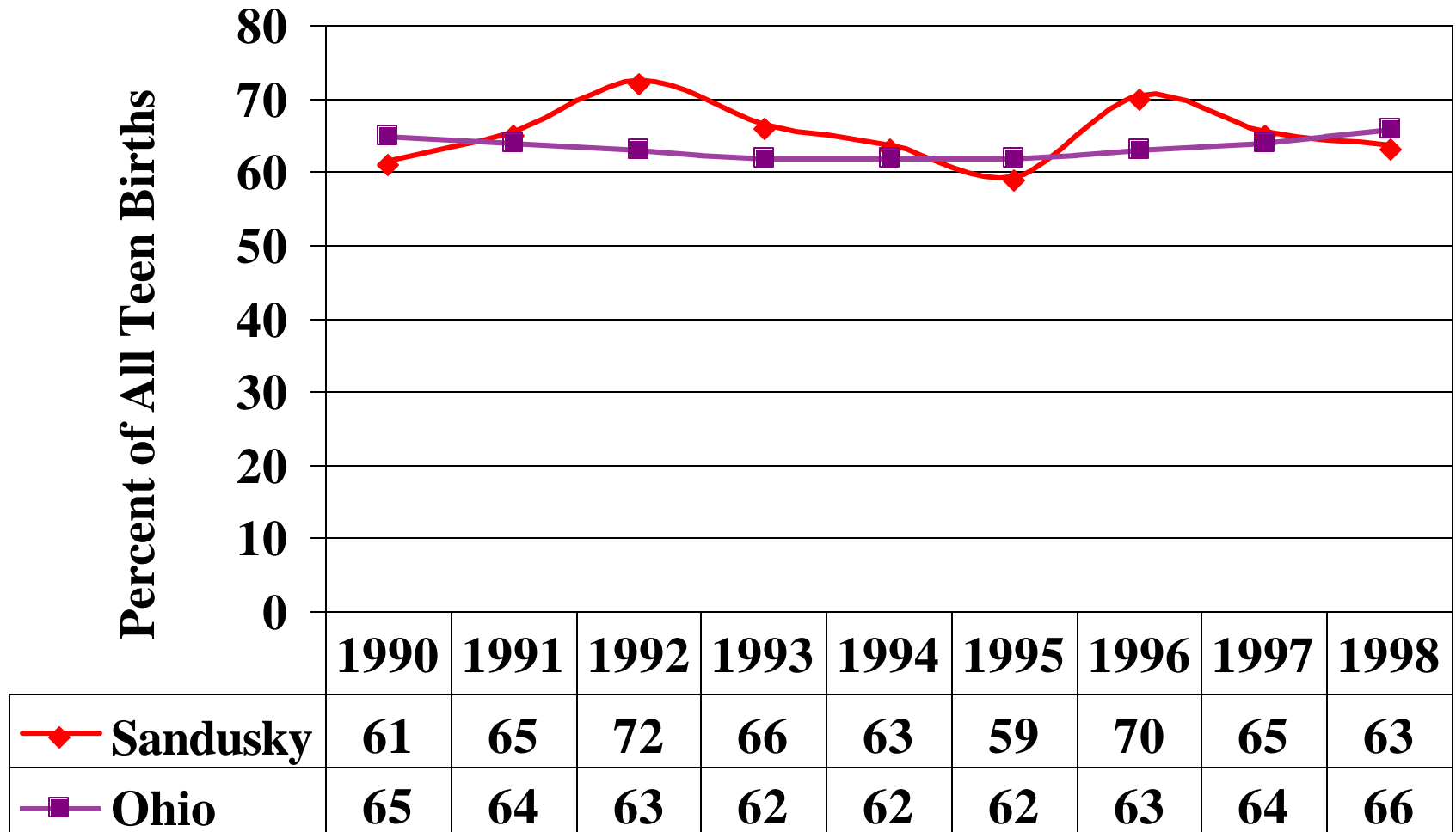
Compiled for Health Partners by
Fall 2001



Sandusky County Teen Birth Mothers Ages 15-17 From 1990-1999



Sandusky County Teen Birth Mothers Ages 18-19 From 1990-1999



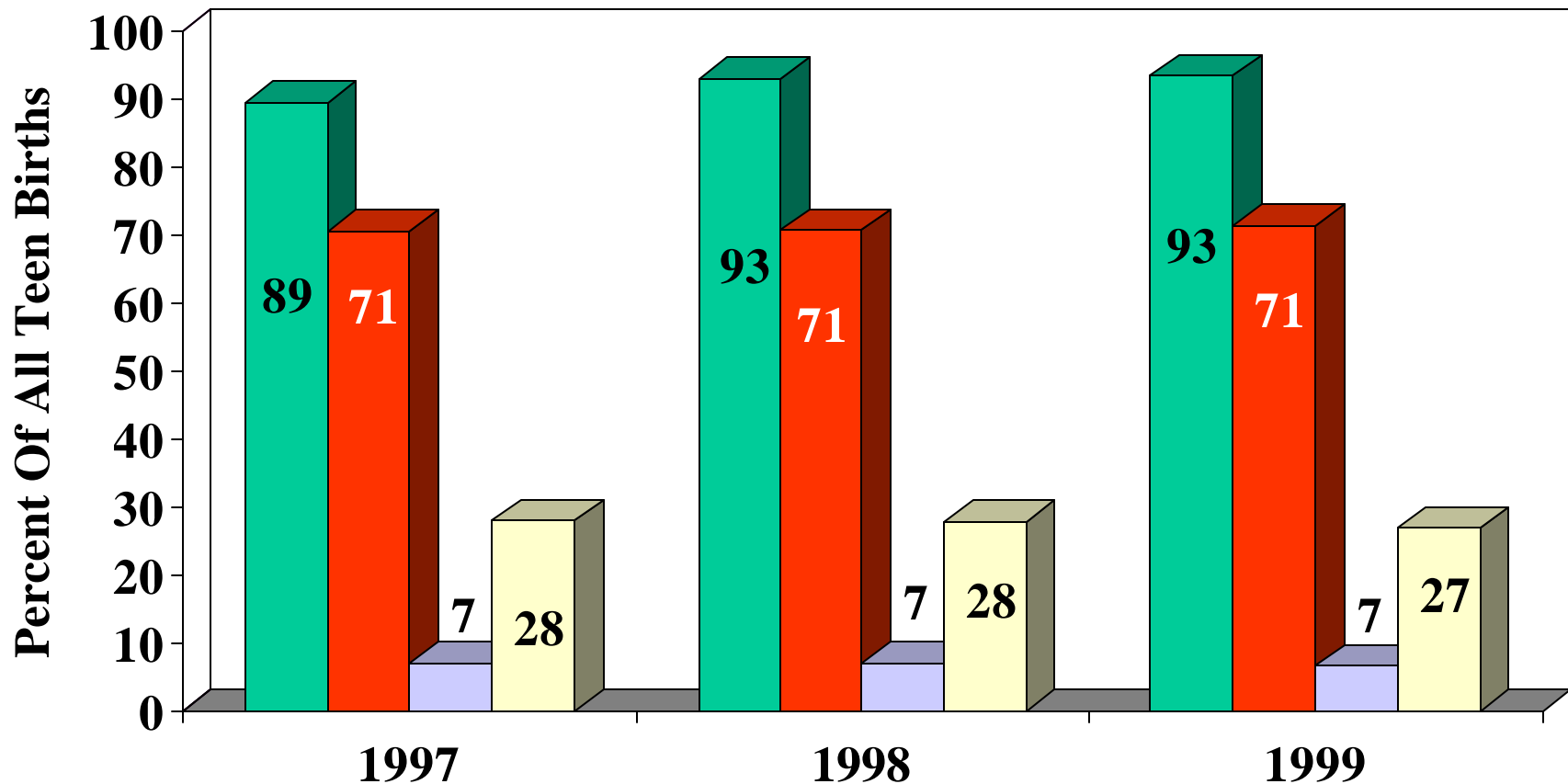
Source: ODH Data Warehouse, 2001

Compiled for Health Partners by
Fall 2001

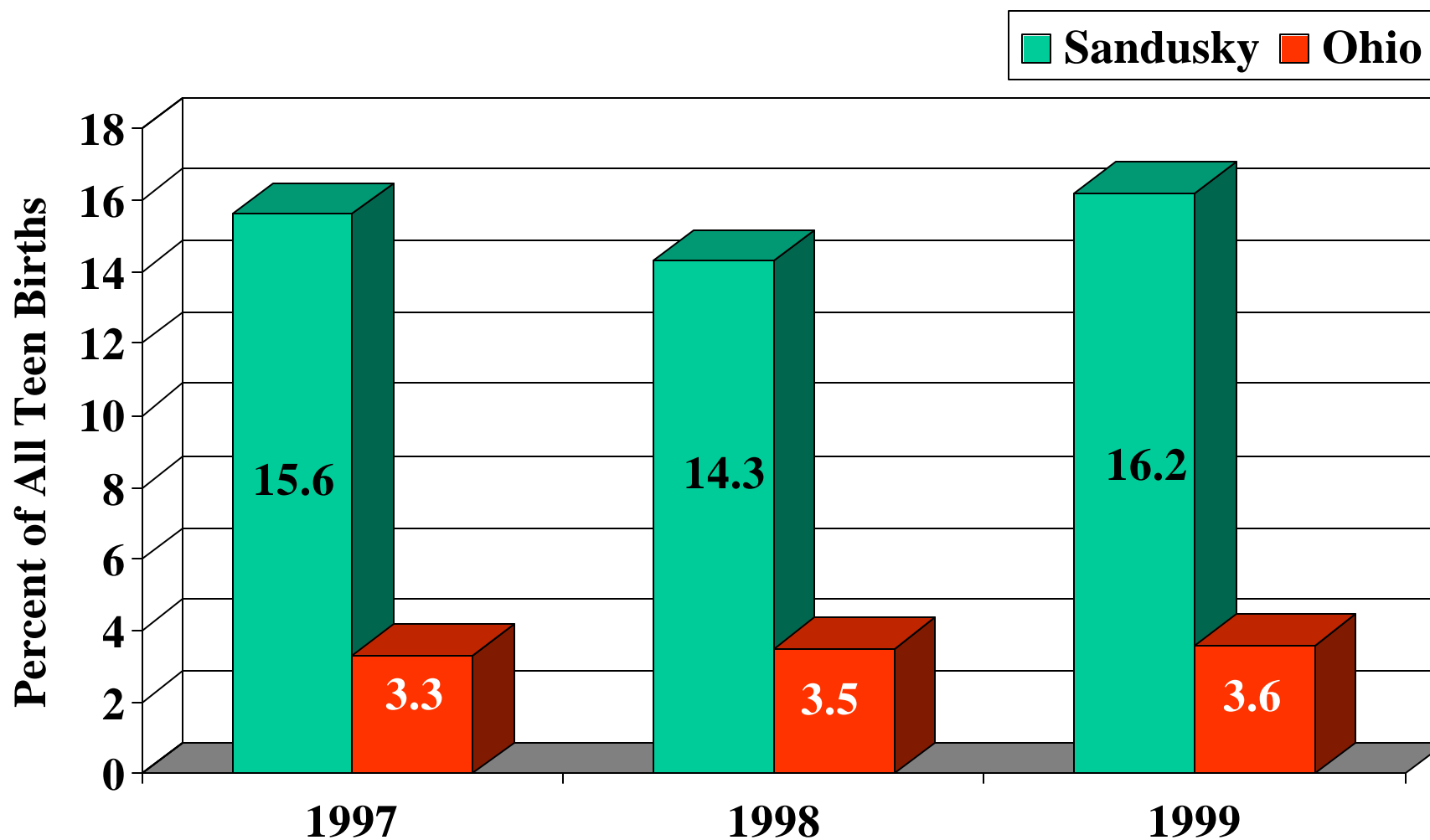


Sandusky County Teen Births By Race, 1997-1999

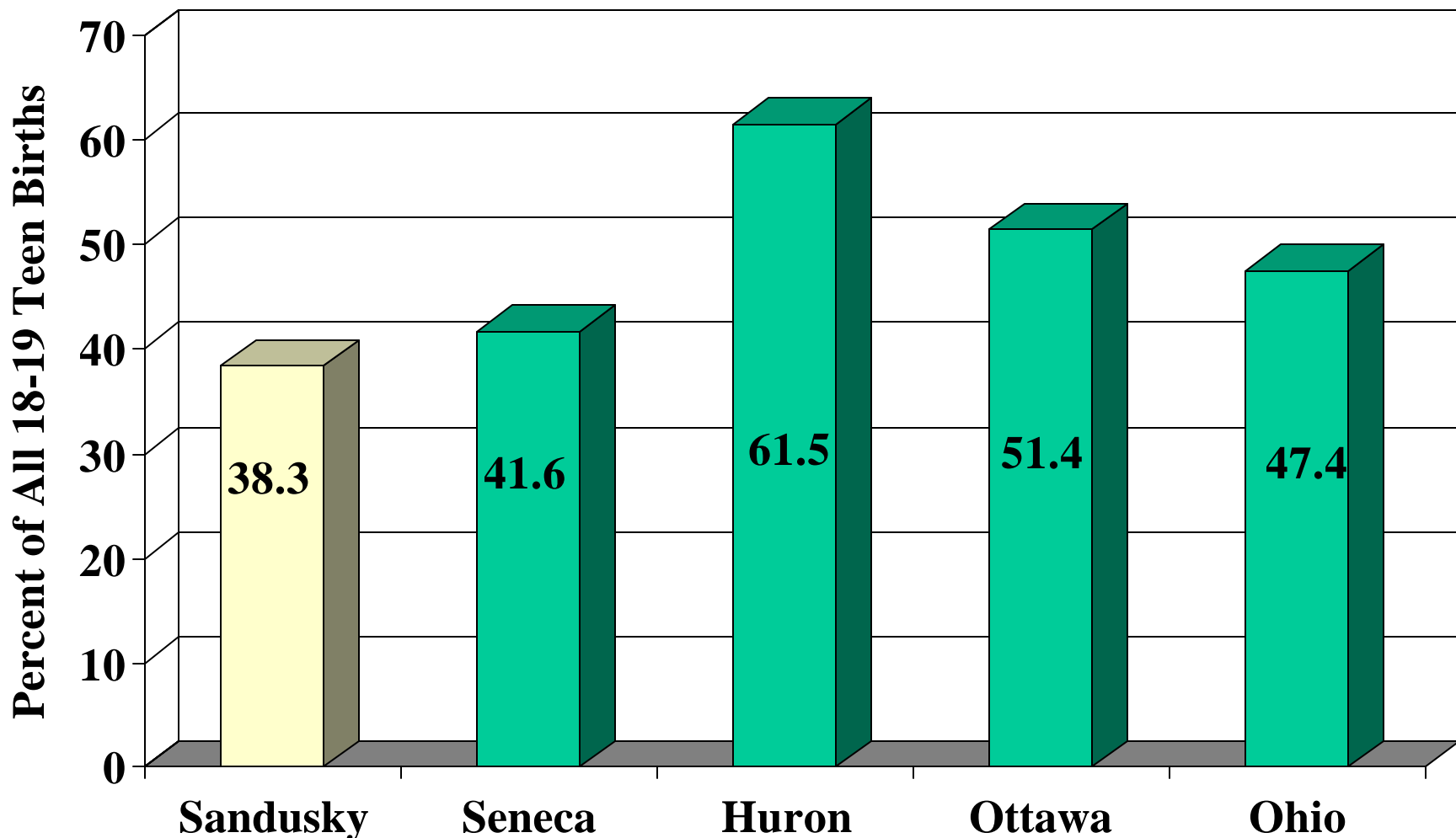
■ Sandusky White ■ Ohio White ■ Sandusky Black ■ Ohio Black



Sandusky County Births To Hispanic Teen Mothers, 1997-1999



Teen Mothers Age 18-19 With Less than 12th Grade Education, 1998

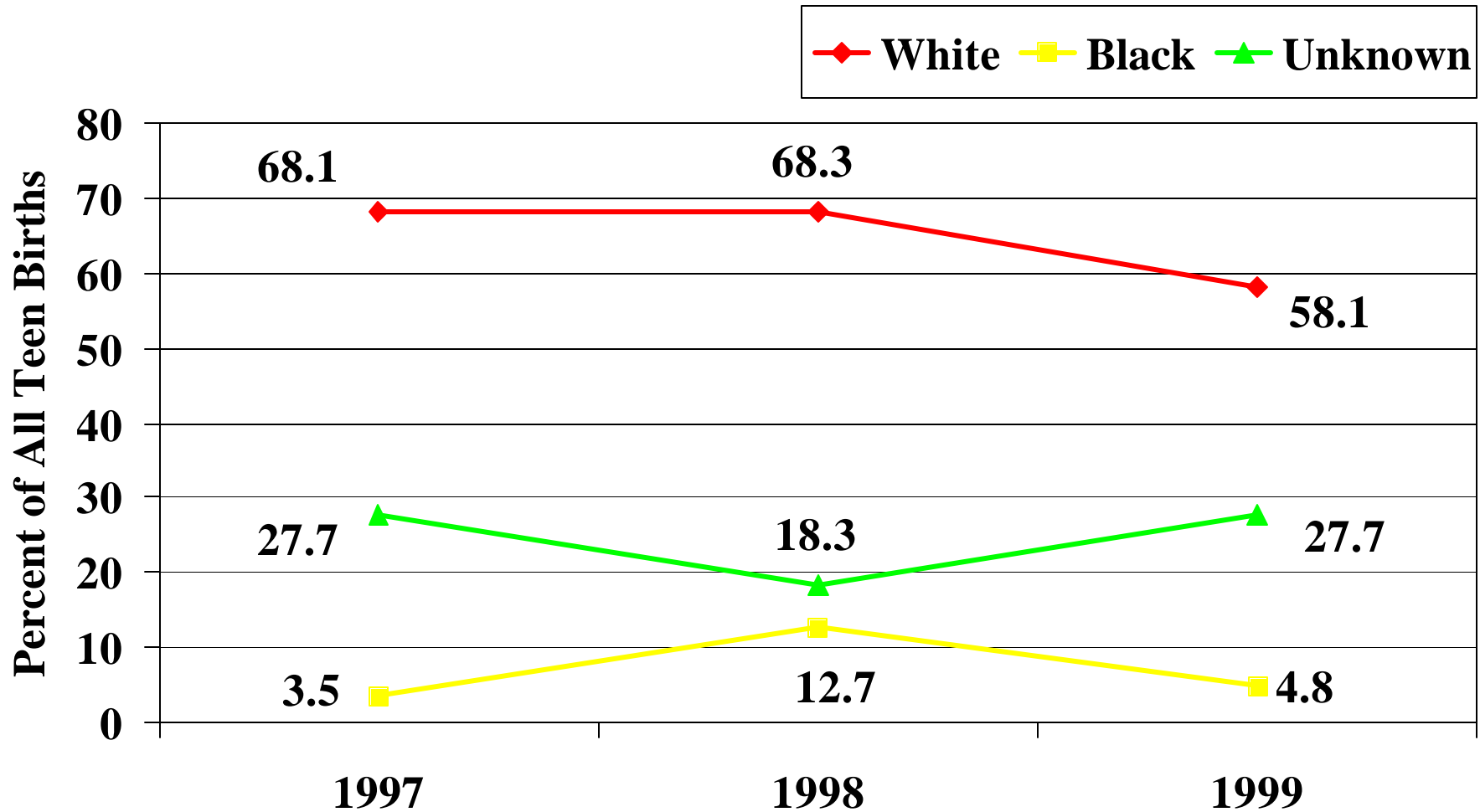


Source: ODH Vital Statistics Report, 1998

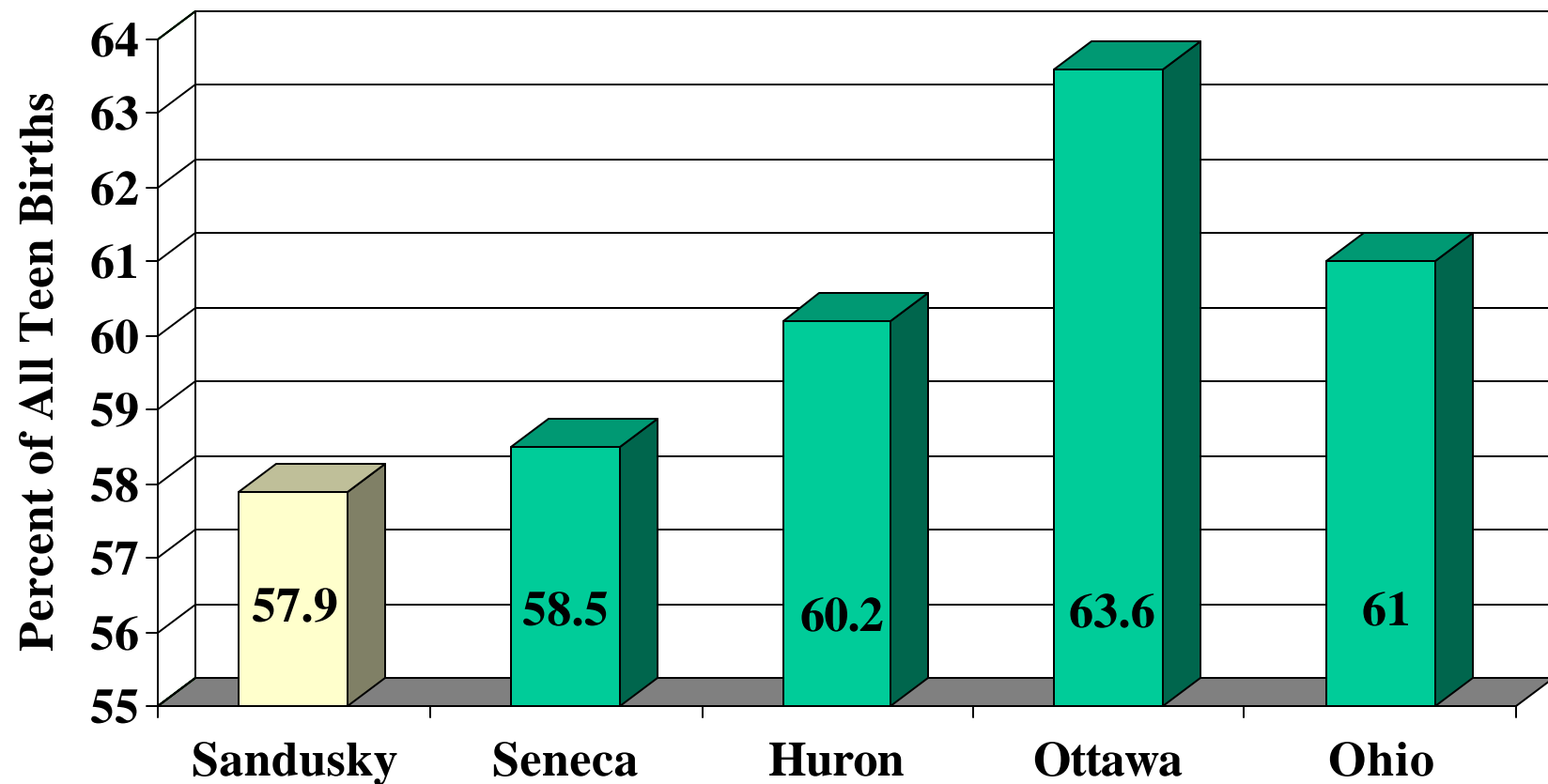
Compiled for Health Partners by
Fall 2001



Sandusky County Births to Teens by Race of Mother, 1997-1999



Sandusky County Teen Mothers With Less than 12th Grade Education, 1998

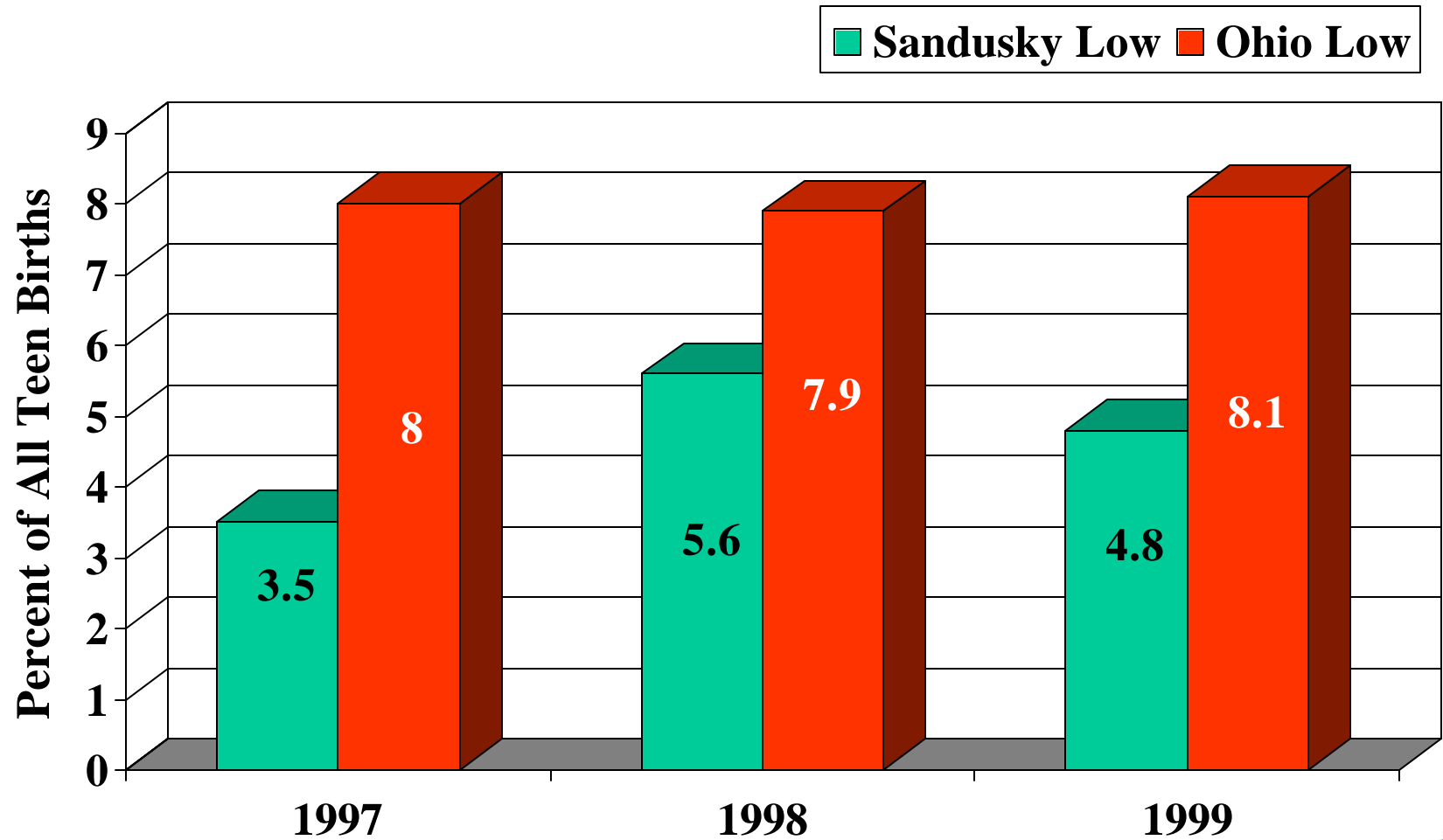


Source: ODH Vital Statistics Report, 1998

Compiled for Health Partners by
Fall 2001



Sandusky County Teen Mothers With Low Birth Weight Births (>1500g), 1997-1999

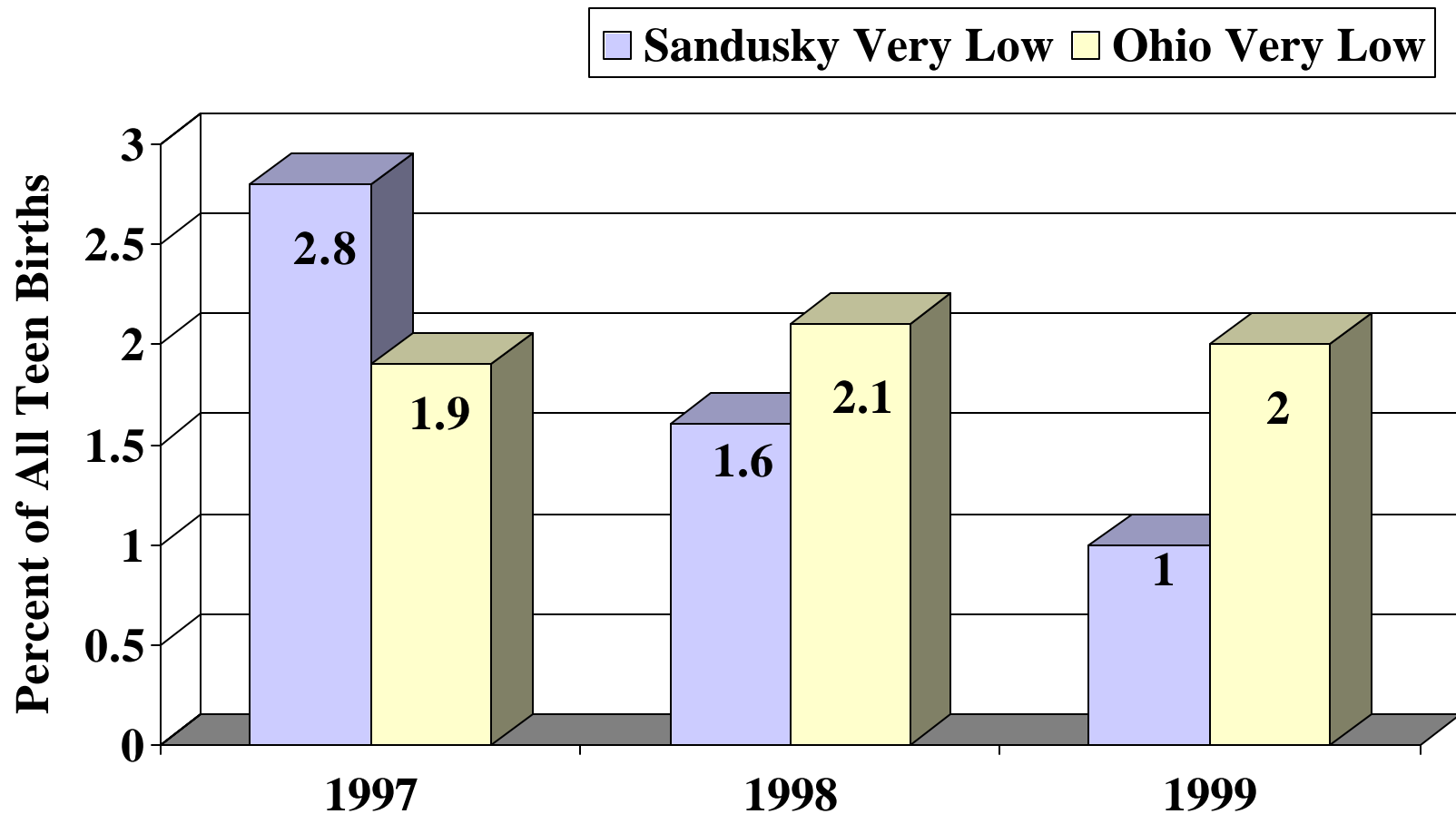


Source: ODH Data Warehouse, 2001

Compiled for Health Partners by
Fall 2001



Sandusky County Teen Mothers With Very Low Birth Weight Births (1500-2499g), 1997-1999

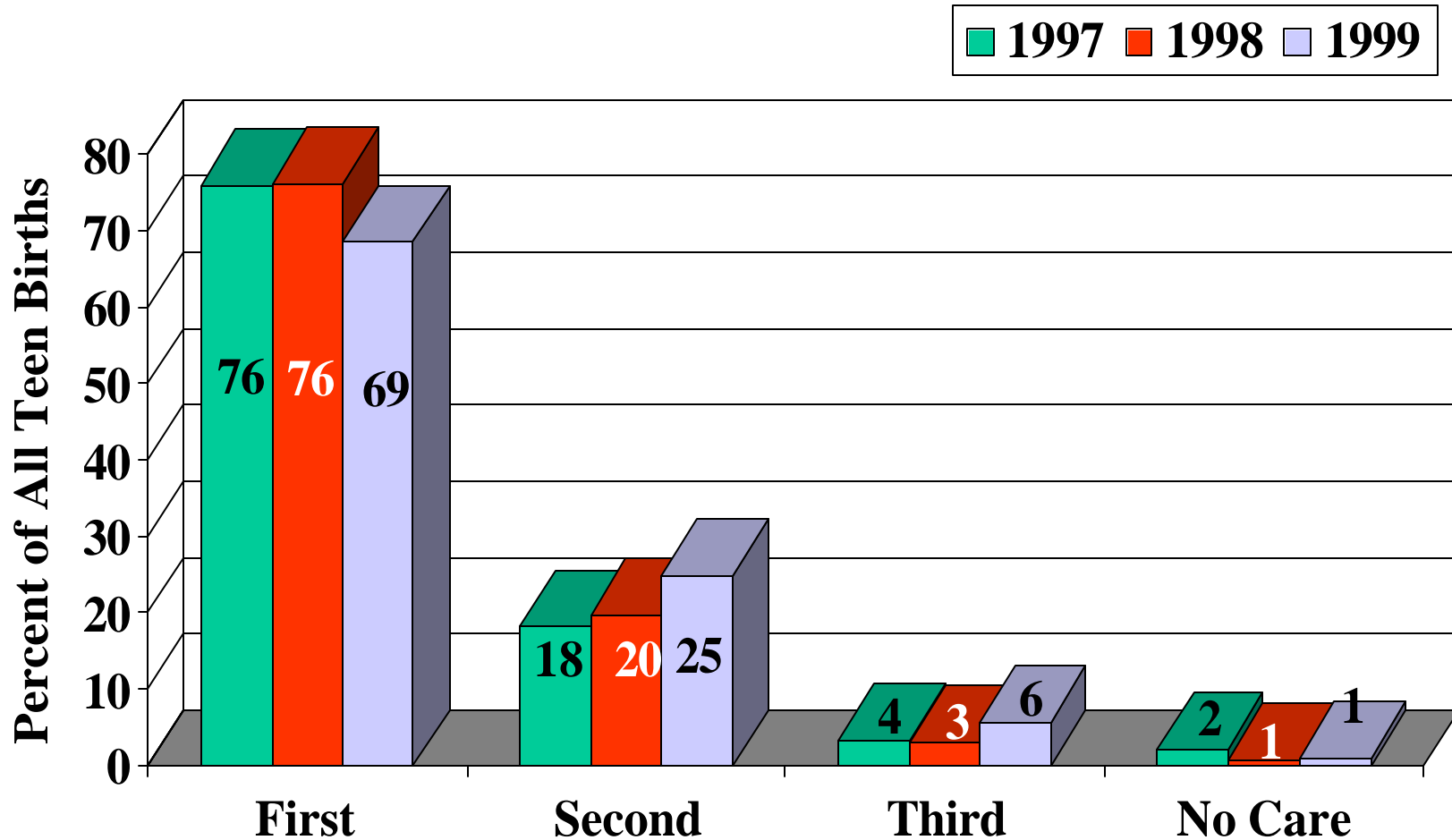


Source: ODH Data Warehouse, 2001

Compiled for Health Partners by
Fall 2001



Trimester Care for Sandusky County Mothers Under 20, 1997-1999

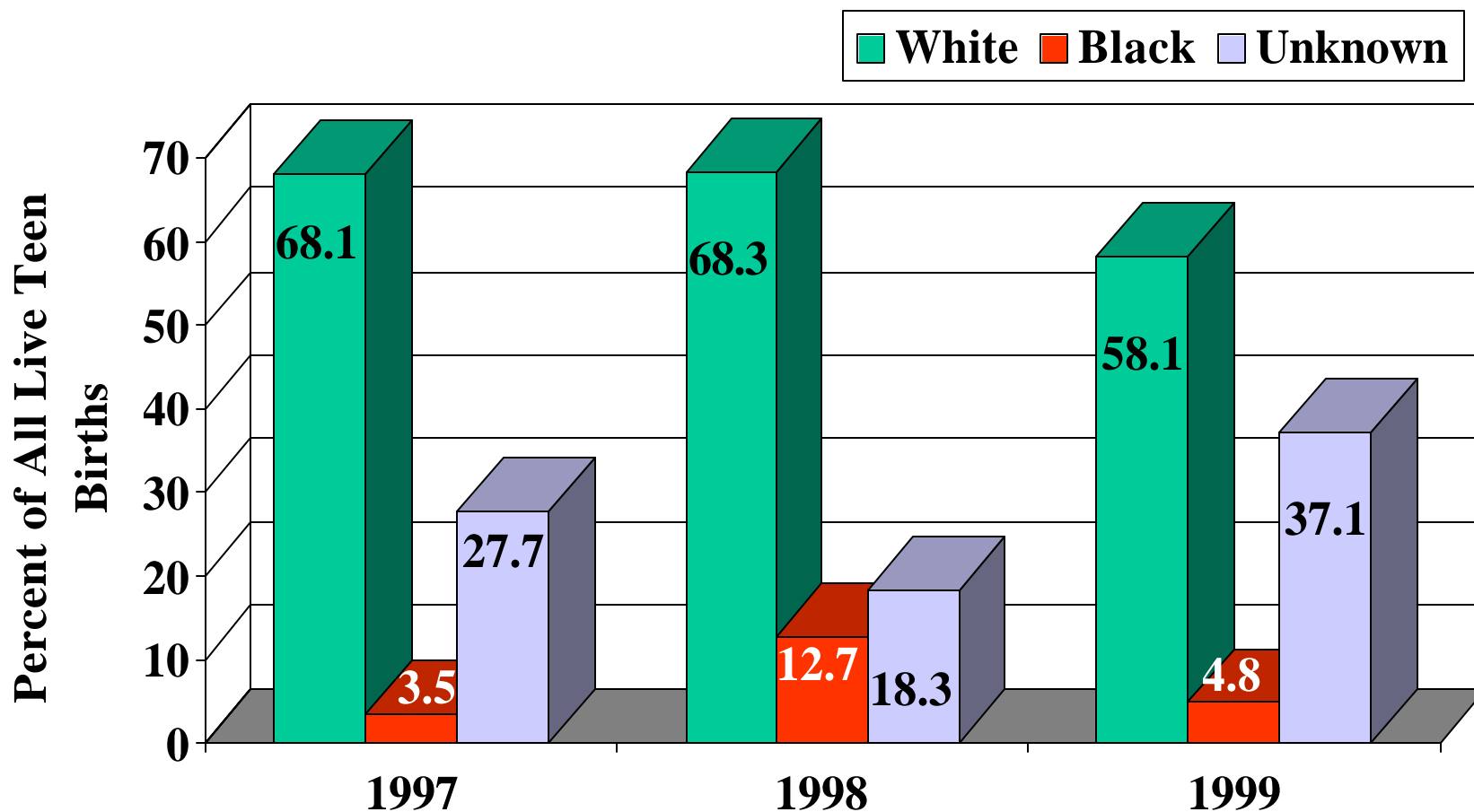


Source: ODH Data Warehouse, 2001

Compiled for Health Partners by
Fall 2001



Sandusky County Teen Births by Race of Father, 1997-1999

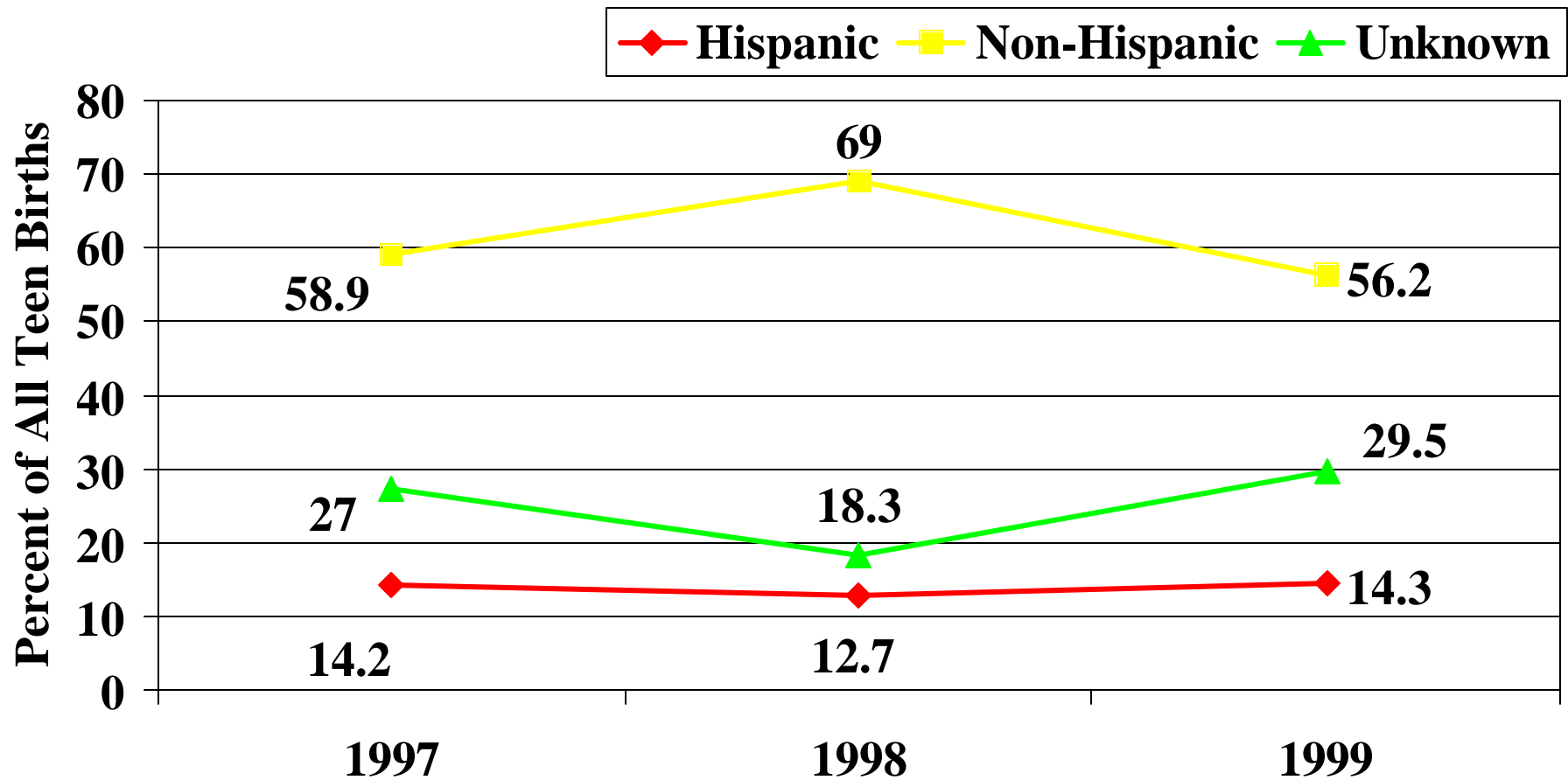


Source: ODH Data Warehouse, 2001

Compiled for Health Partners by
Fall 2001



Sandusky County Teen Births To Hispanic Fathers, 1997-1999

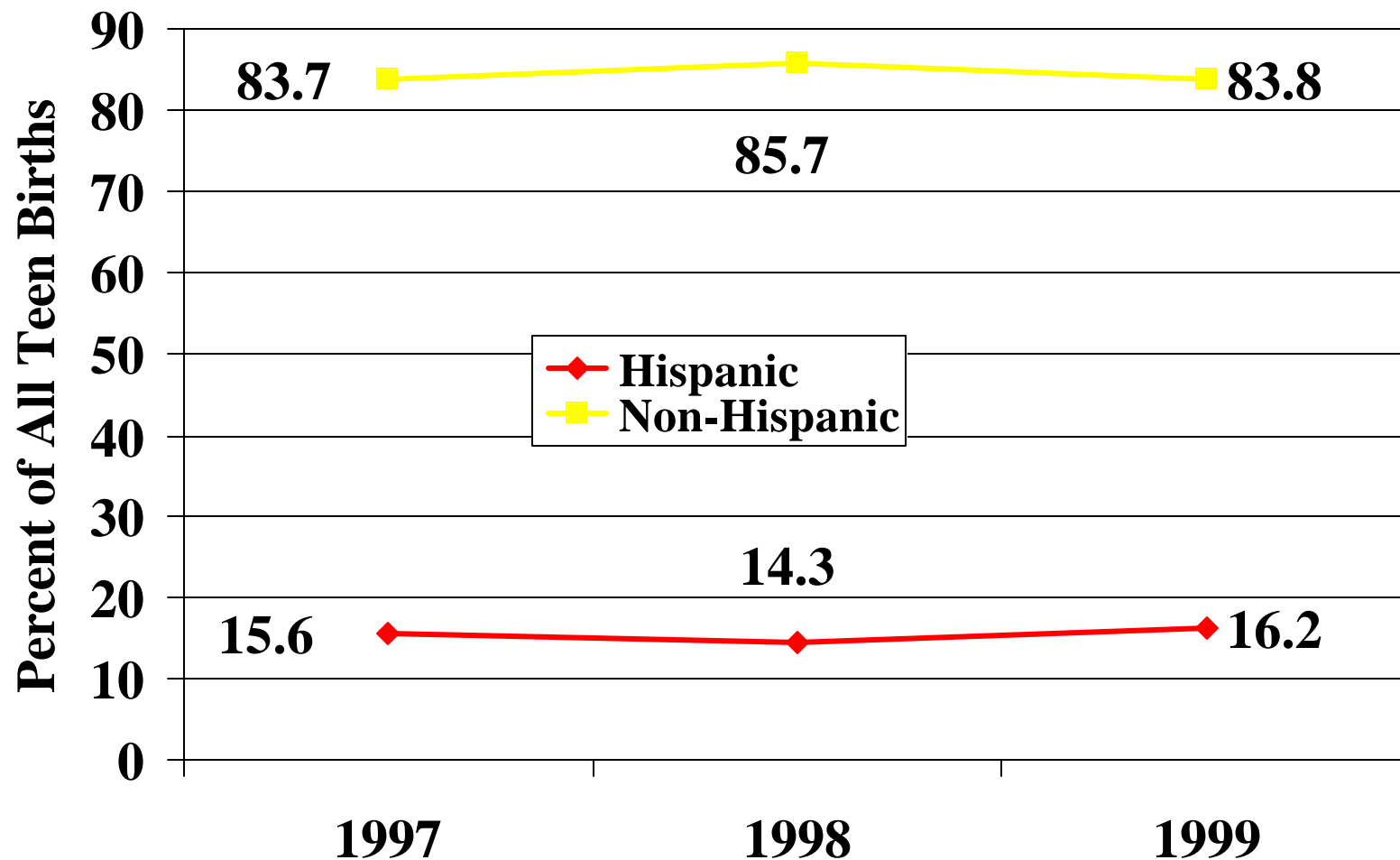


Source: ODH Data Warehouse, 2001

Compiled for Health Partners by
Fall 2001



Sandusky County Births to Hispanic Mothers Under 20

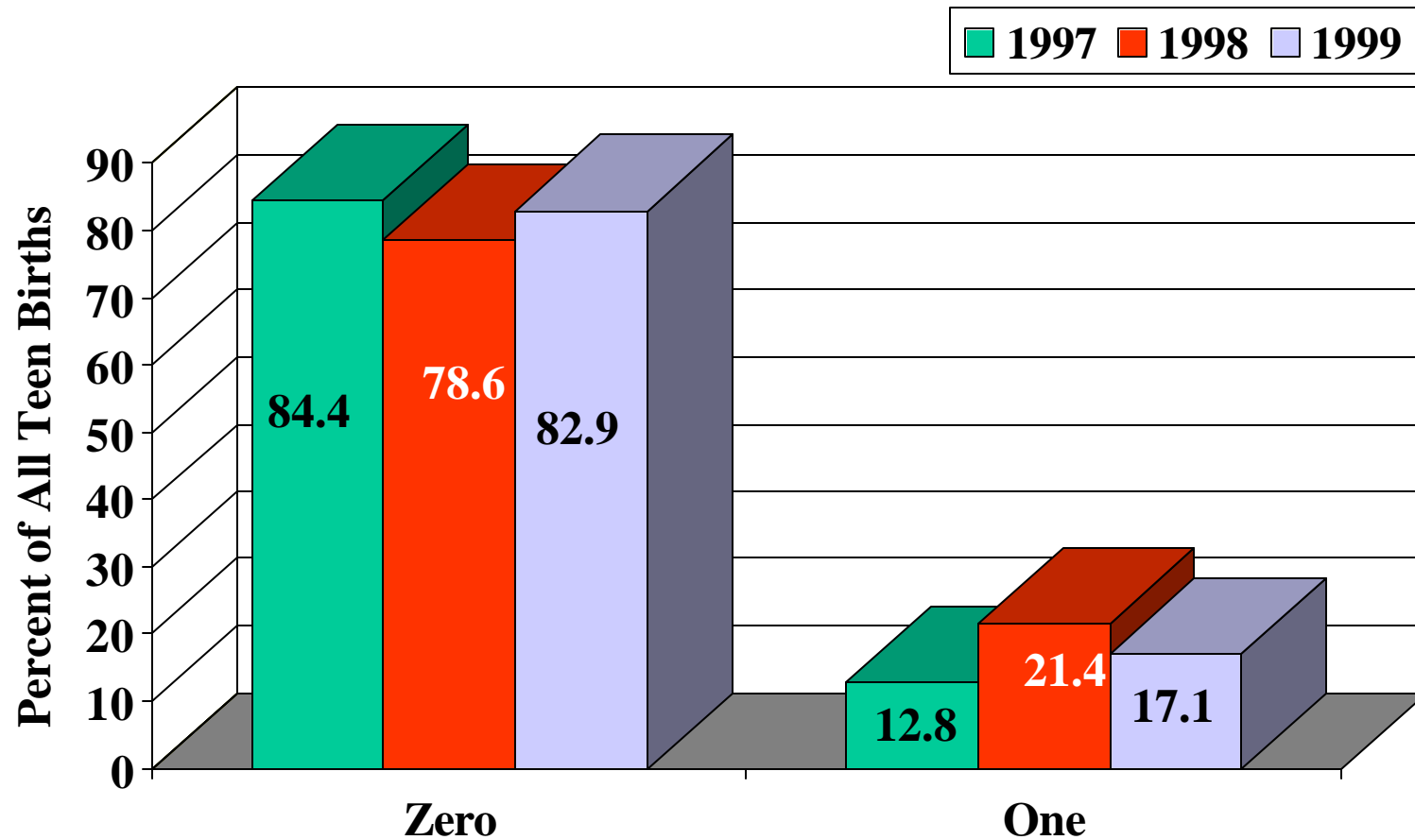


Source: ODH Data Warehouse, 2001

Compiled for Health Partners by
Fall 2001



Number of Previous Births to Sandusky County Teen Mothers, 1997-1999



Source: ODH Data Warehouse, 2001

Compiled for Health Partners by
Fall 2001

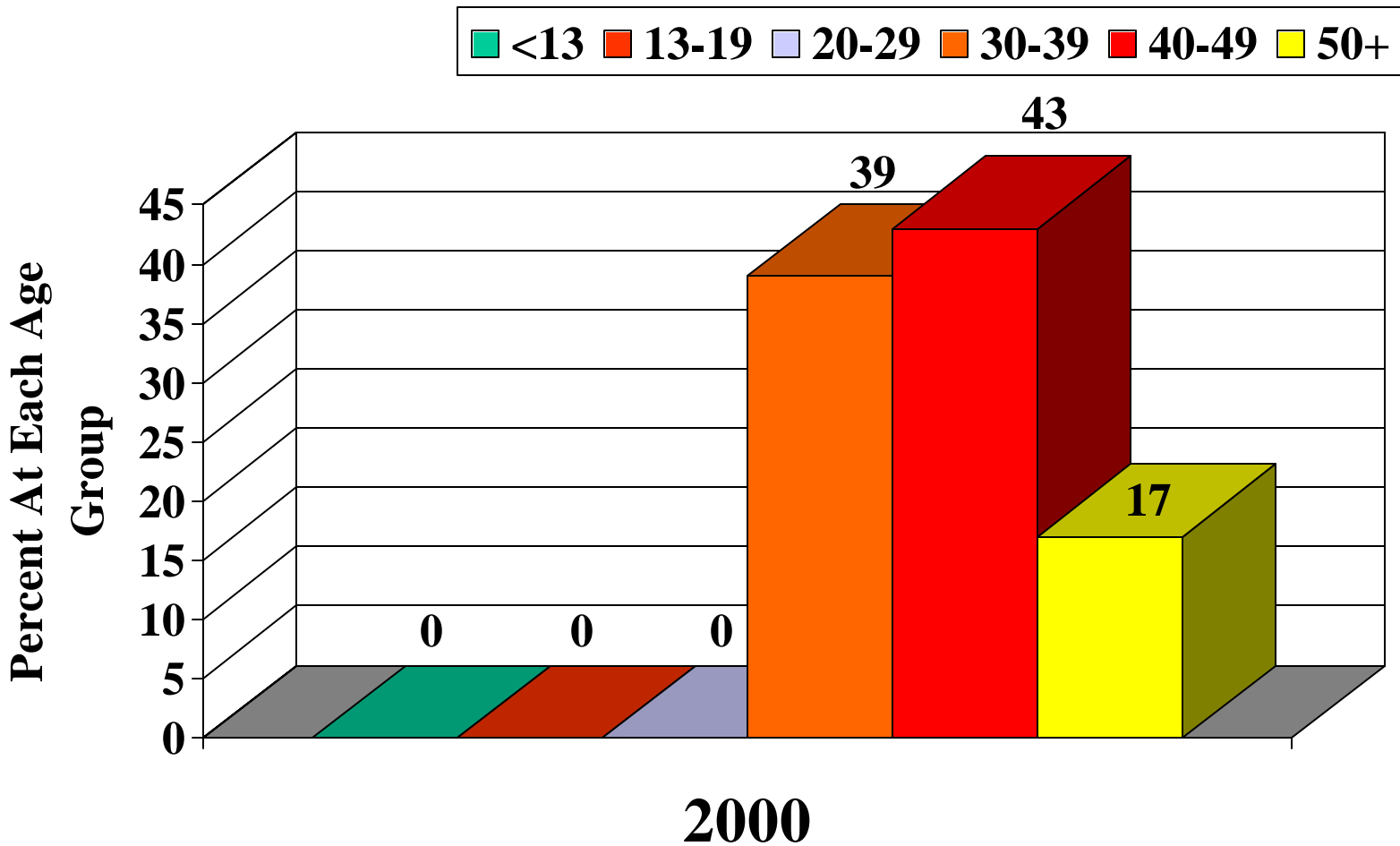


Diseases

Compiled for Health Partners by
Fall 2001



Ages of Reported Sandusky County Citizens Living with HIV/AIDS

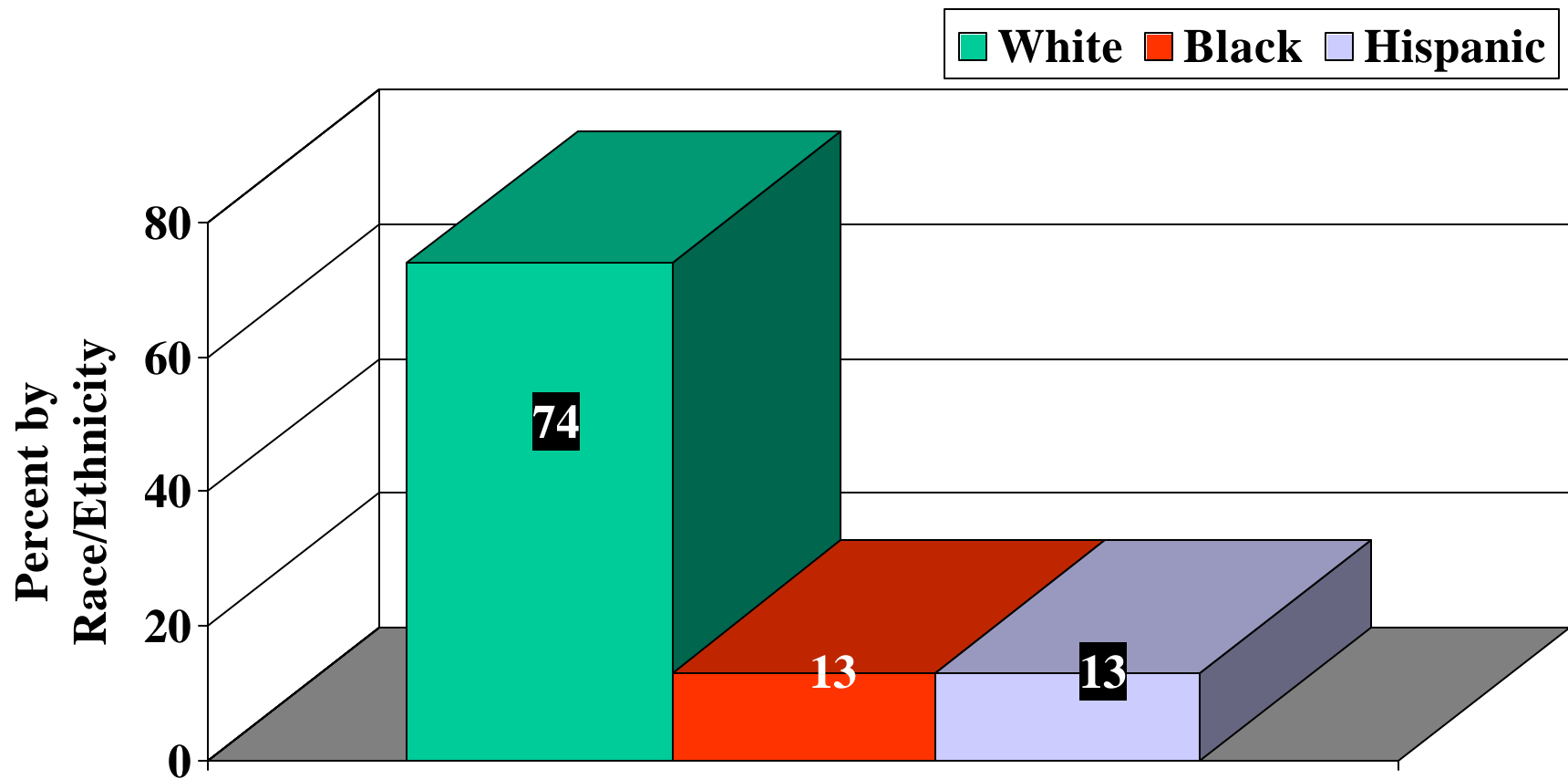


Source: ODH Data Warehouse, 2001

Compiled for Health Partners by
Fall 2001



Race and Ethnicity of Reported Sandusky County Citizens Living with HIV/AIDS

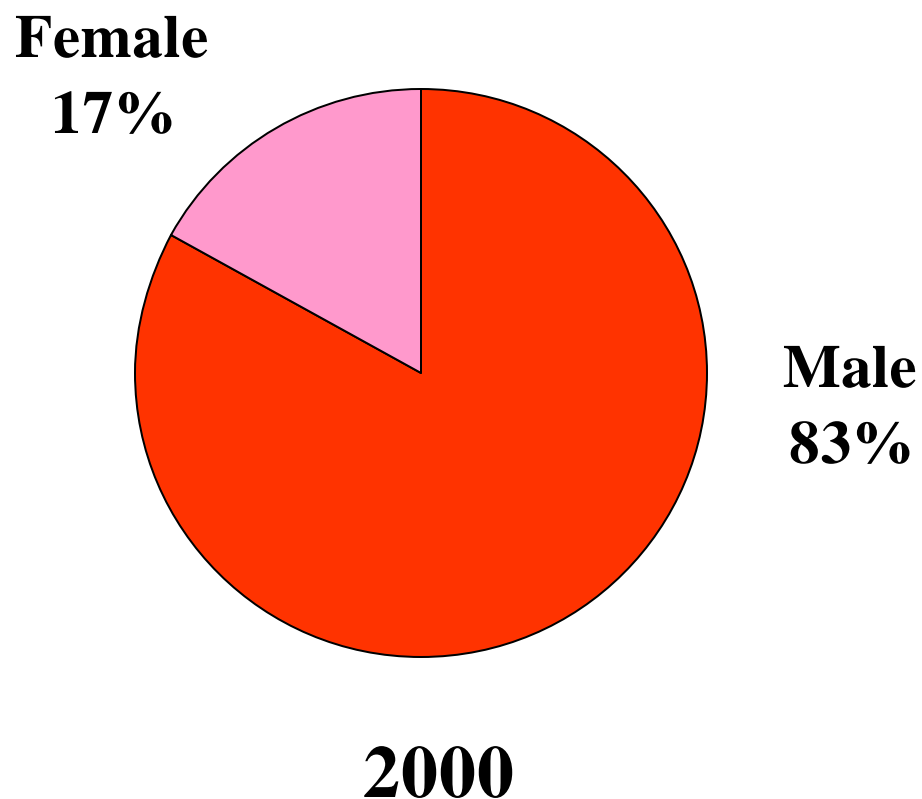


Source: ODH Data Warehouse, 2001

Compiled for Health Partners by
Fall 2001



Gender of Reported Sandusky County Citizens Living with HIV/AIDS

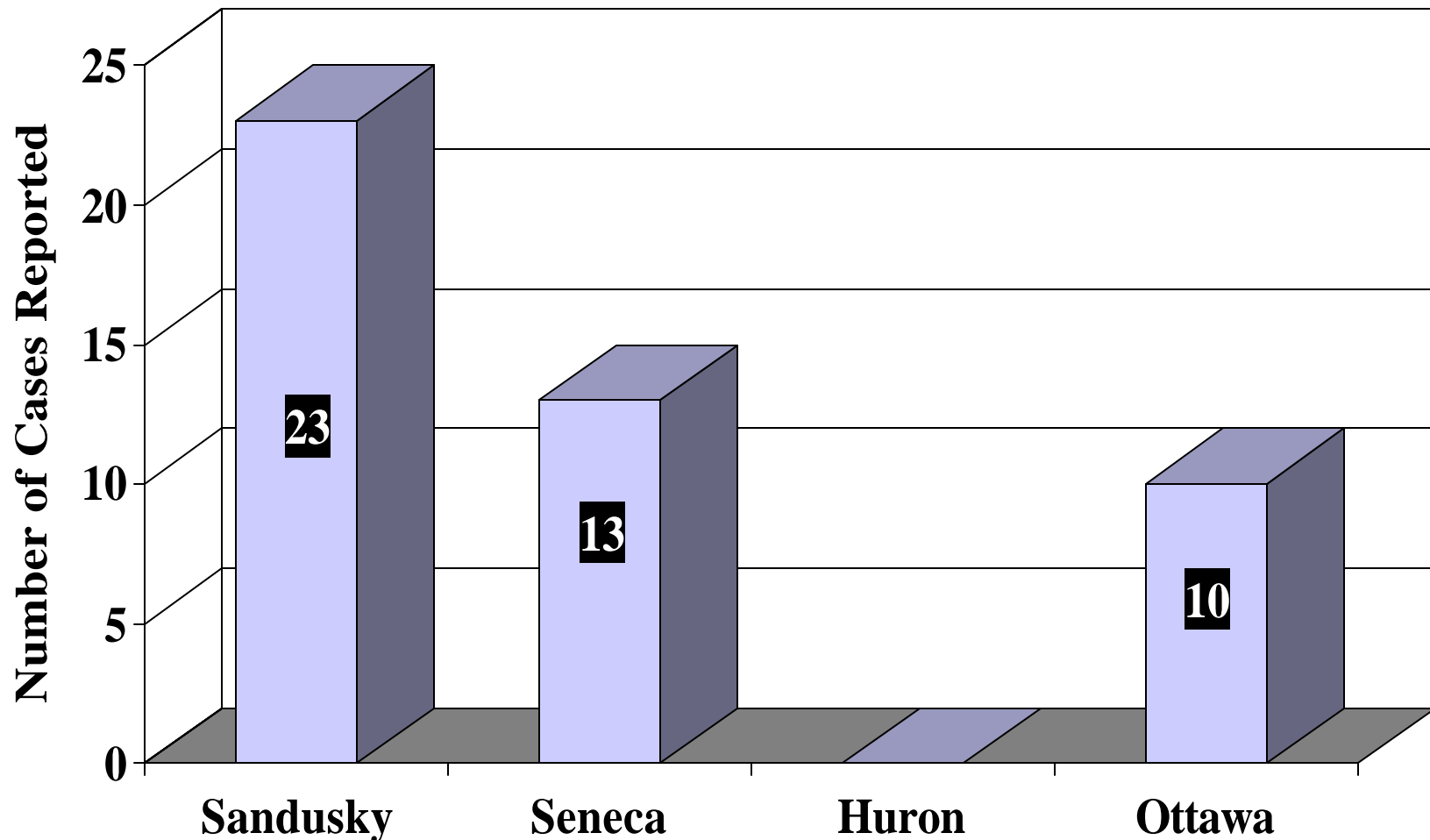


Source: ODH Data Warehouse, 2001

Compiled for Health Partners by
Fall 2001



Sandusky County Residents Living With HIV/AIDS Through 12/2000

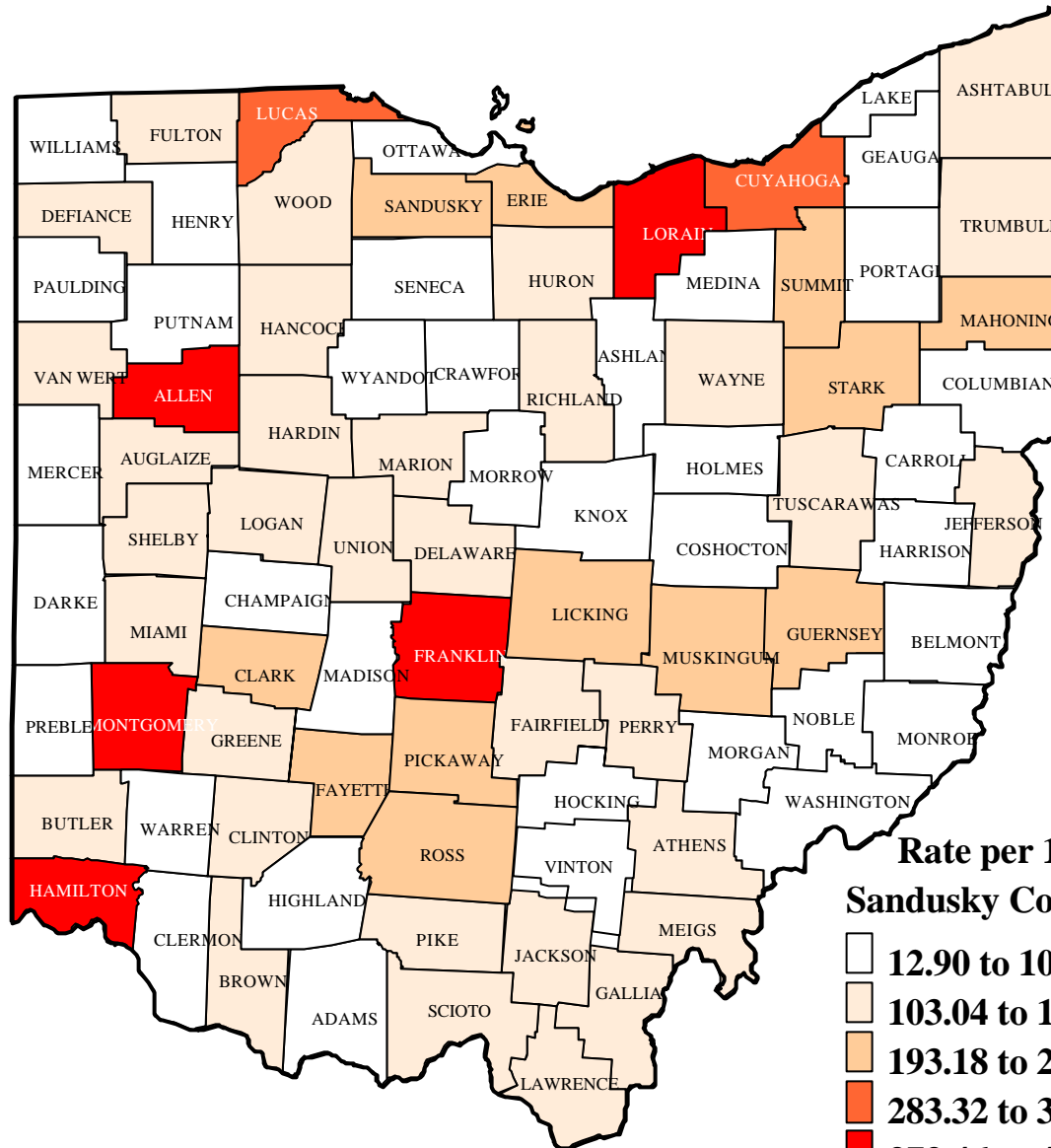


Source: ODH Data Warehouse, 2001

Compiled for Health Partners by
Fall 2001



Chlamydia Incidence, 1999



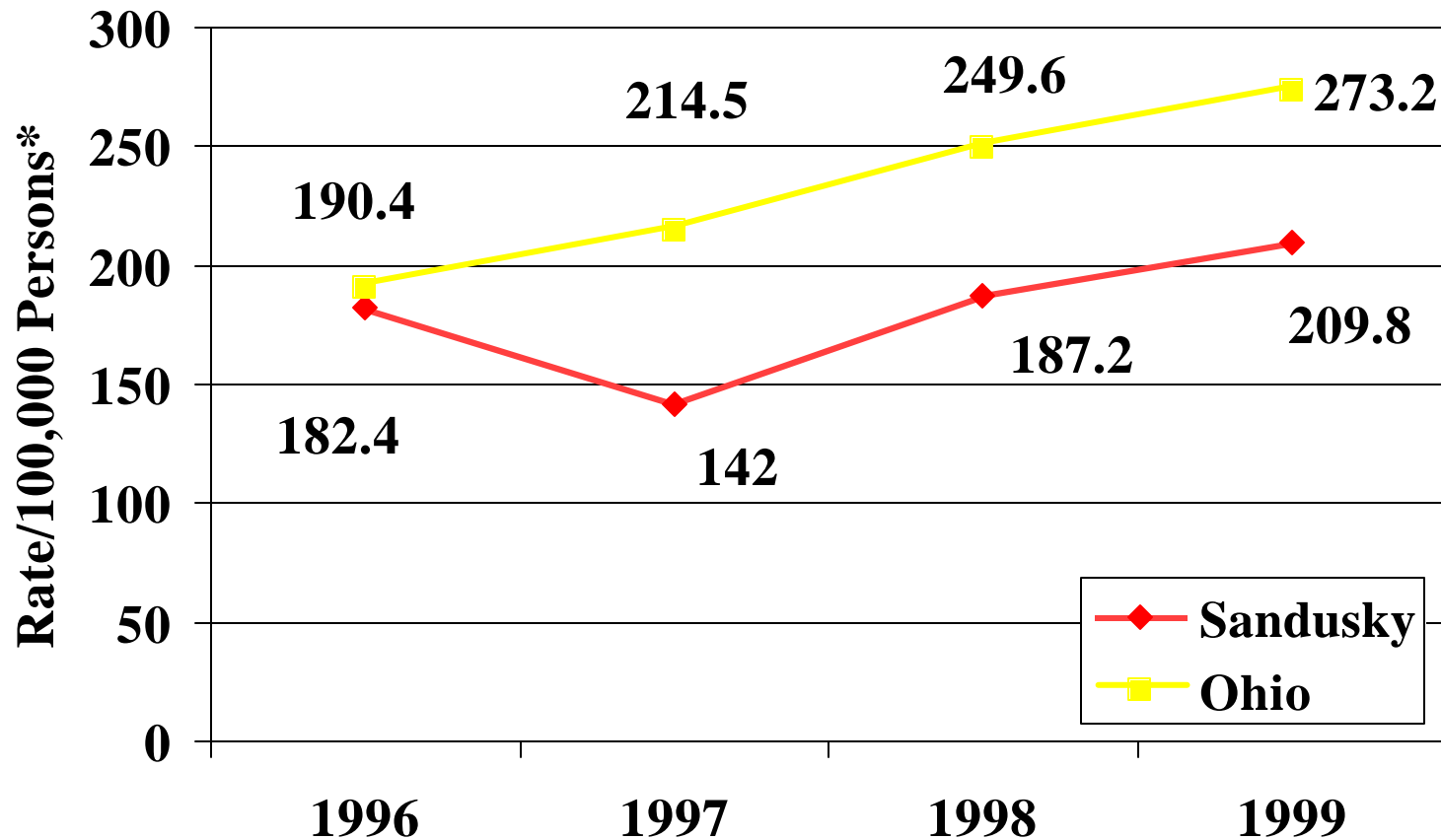
Rate per 100,000 Population
Sandusky County = 209.8 Ohio = 273.2

- 12.90 to 103.04
- 103.04 to 193.18
- 193.18 to 283.32
- 283.32 to 373.46
- 373.46 to 463.60

Compiled for Health Partners by
 Fall 2001



Sandusky County Resident Chlamydia Rates, 1996-1999



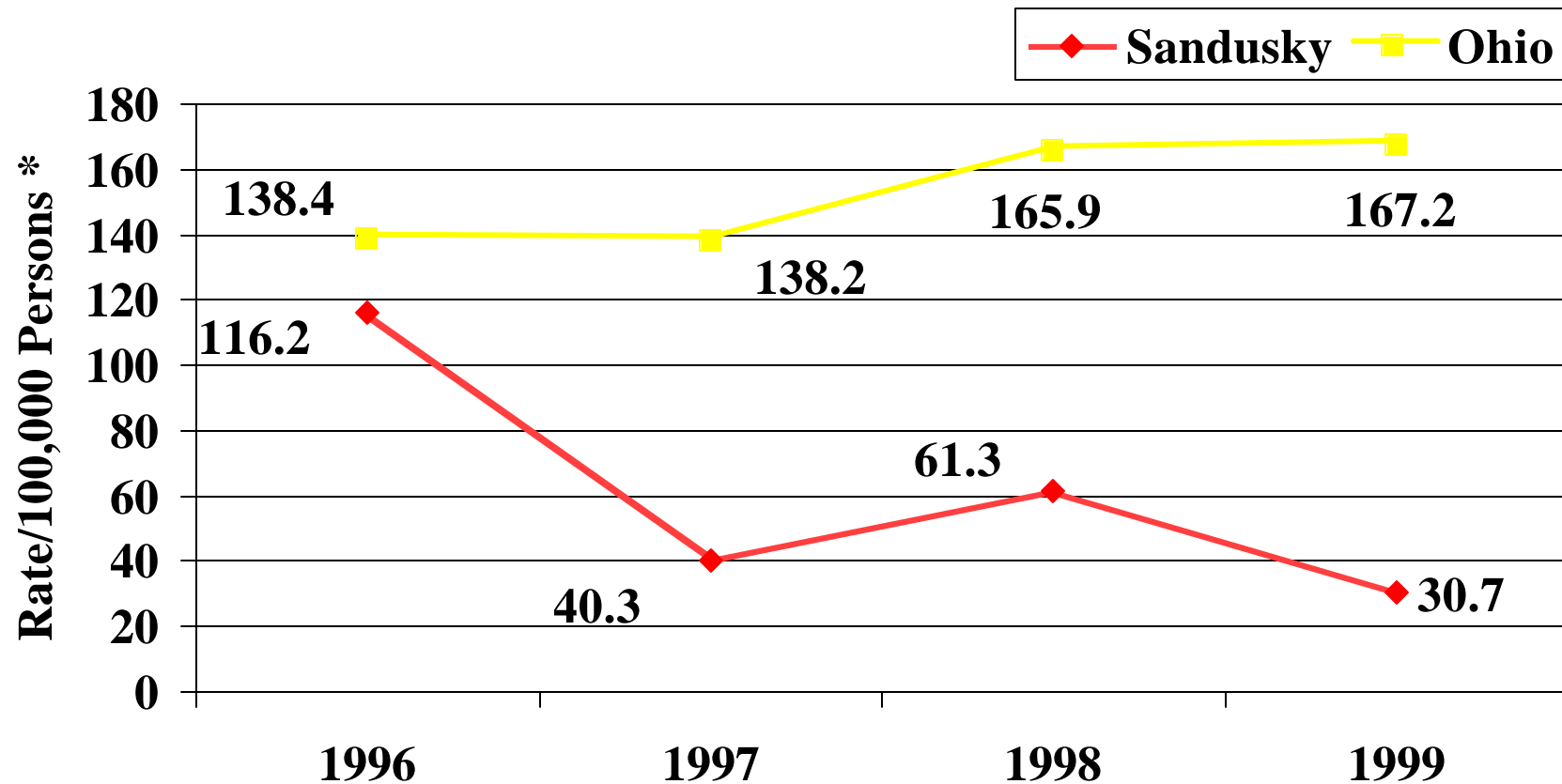
* Disease Rates are based on 1990 Census

Source: ODH Data Warehouse, 2000

Compiled for Health Partners by
Fall 2001



Sandusky County Resident Gonorrhea Rates, 1996-1999



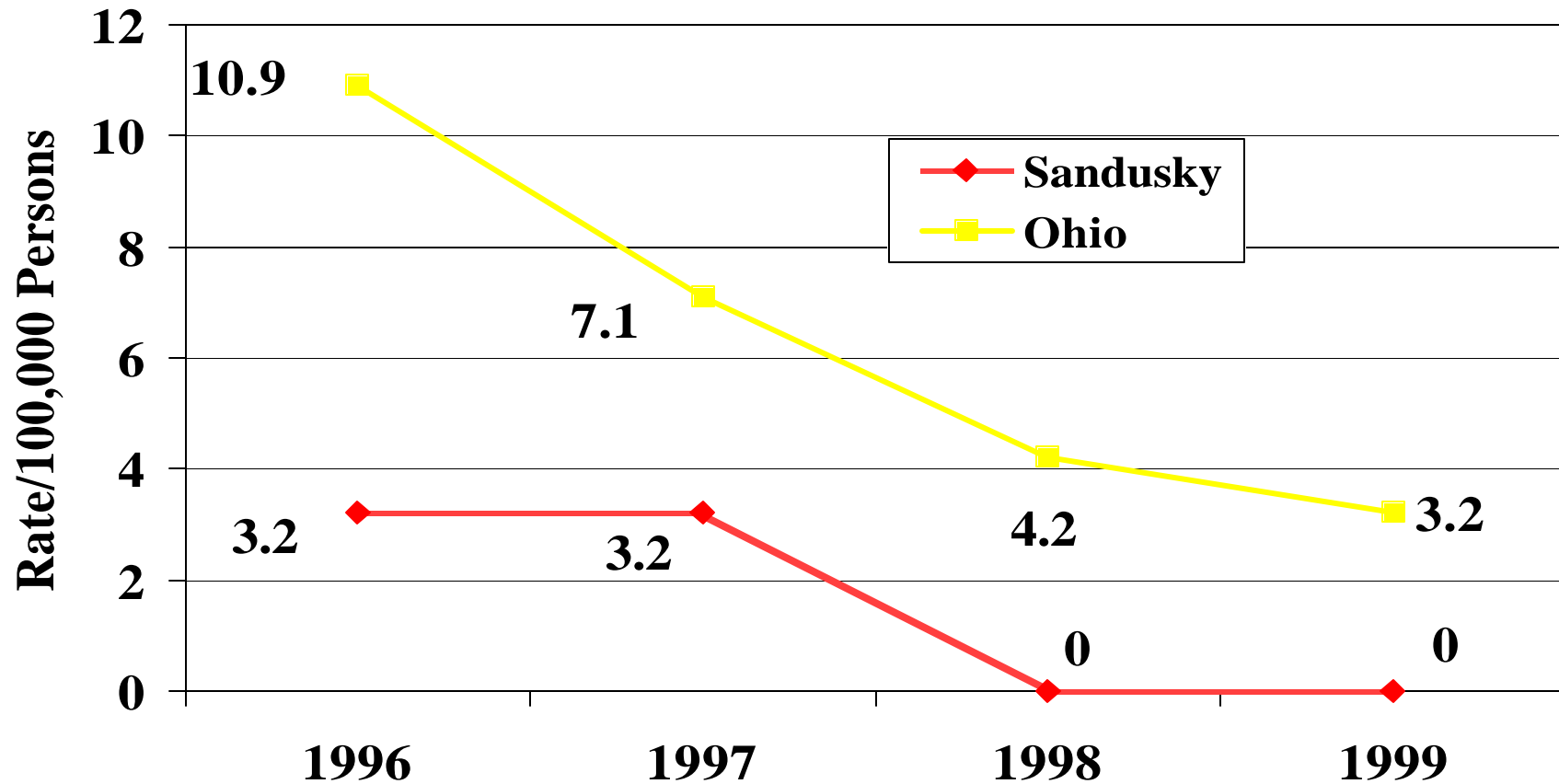
* Disease Rates are based on 1990 Census

Source: ODH Data Warehouse, 2000

Compiled for Health Partners by
Fall 2001



Sandusky County Resident Syphilis Rates, 1996-1999



* Disease Rates are based on 1990 Census

Source: ODH Data Warehouse, 2000

Compiled for Health Partners by
Fall 2001



Health System

Compiled for Health Partners by
Fall 2001



Immunizations Given By Sandusky County Health Department, 2000

• <1 Year Old	418
• 1-18 Years Old	1,794
• Flu	<u>1,746</u>
	3,958

Source: Sandusky County Health Department, 2001

Compiled for Health Partners by
Fall 2001

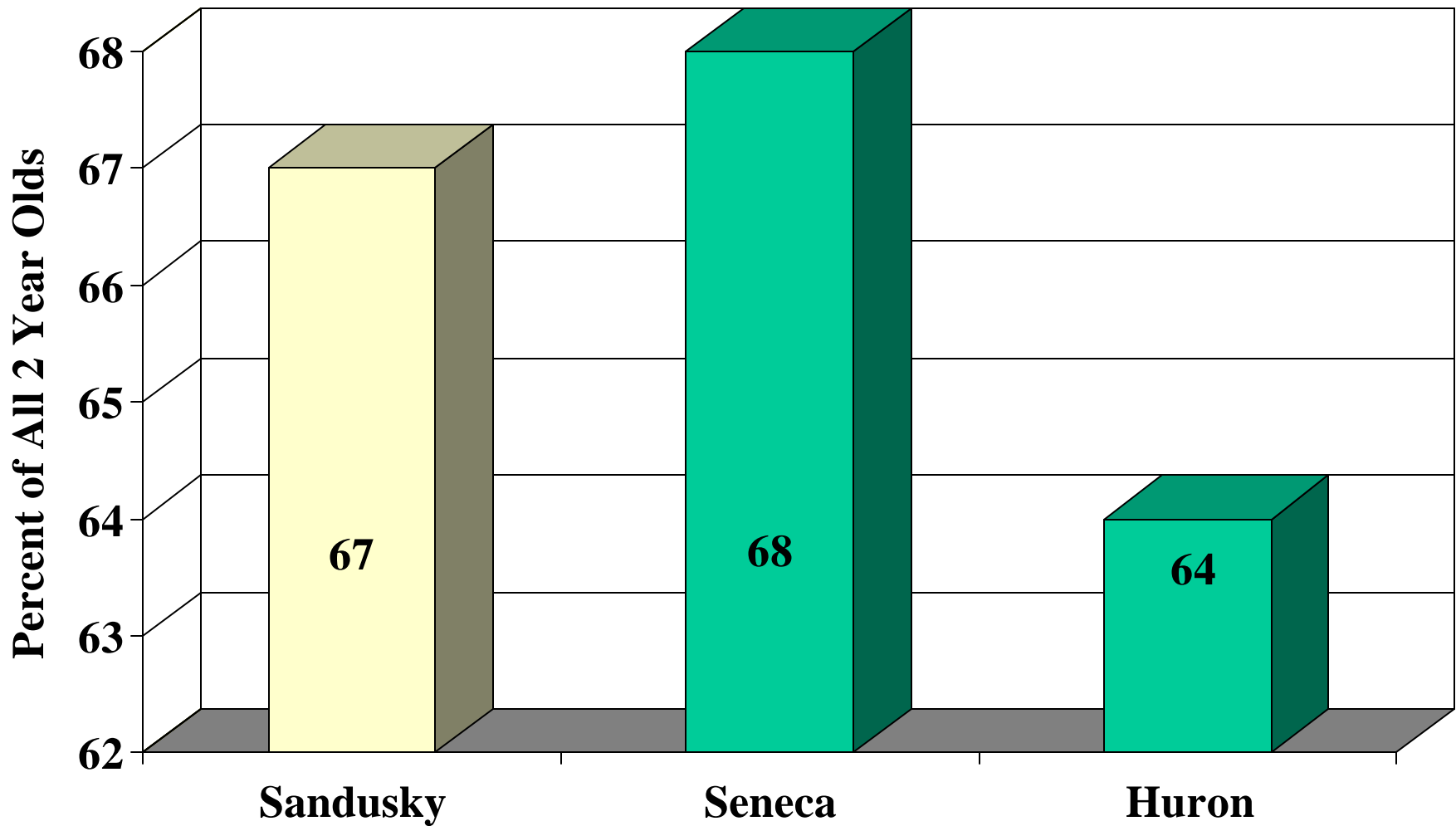


Flu Immunizations Given By Sandusky County Health Department, 2000

• 19-24 Years Old	9
• 24-44 Years Old	91
• 45-64 Years Old	327
• 65+ Years Old	<u>1,319</u>
	1,746



Percent of County 2 year olds with Complete Set of Immunization Shots, 1996-1997

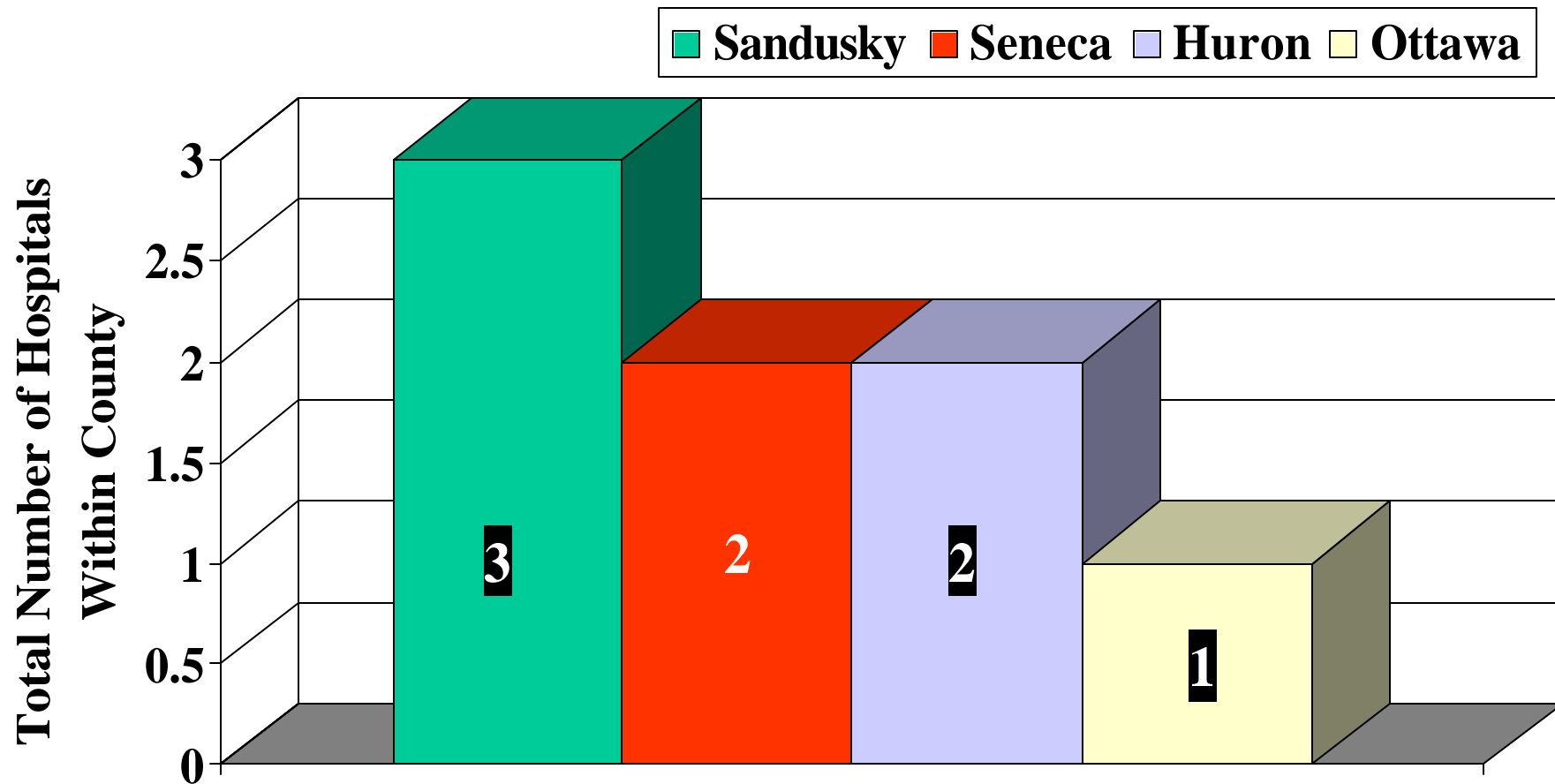


Source: ODH, 2000

Compiled for Health Partners by
Fall 2001



Number of Hospitals Among Peer Counties, 1999

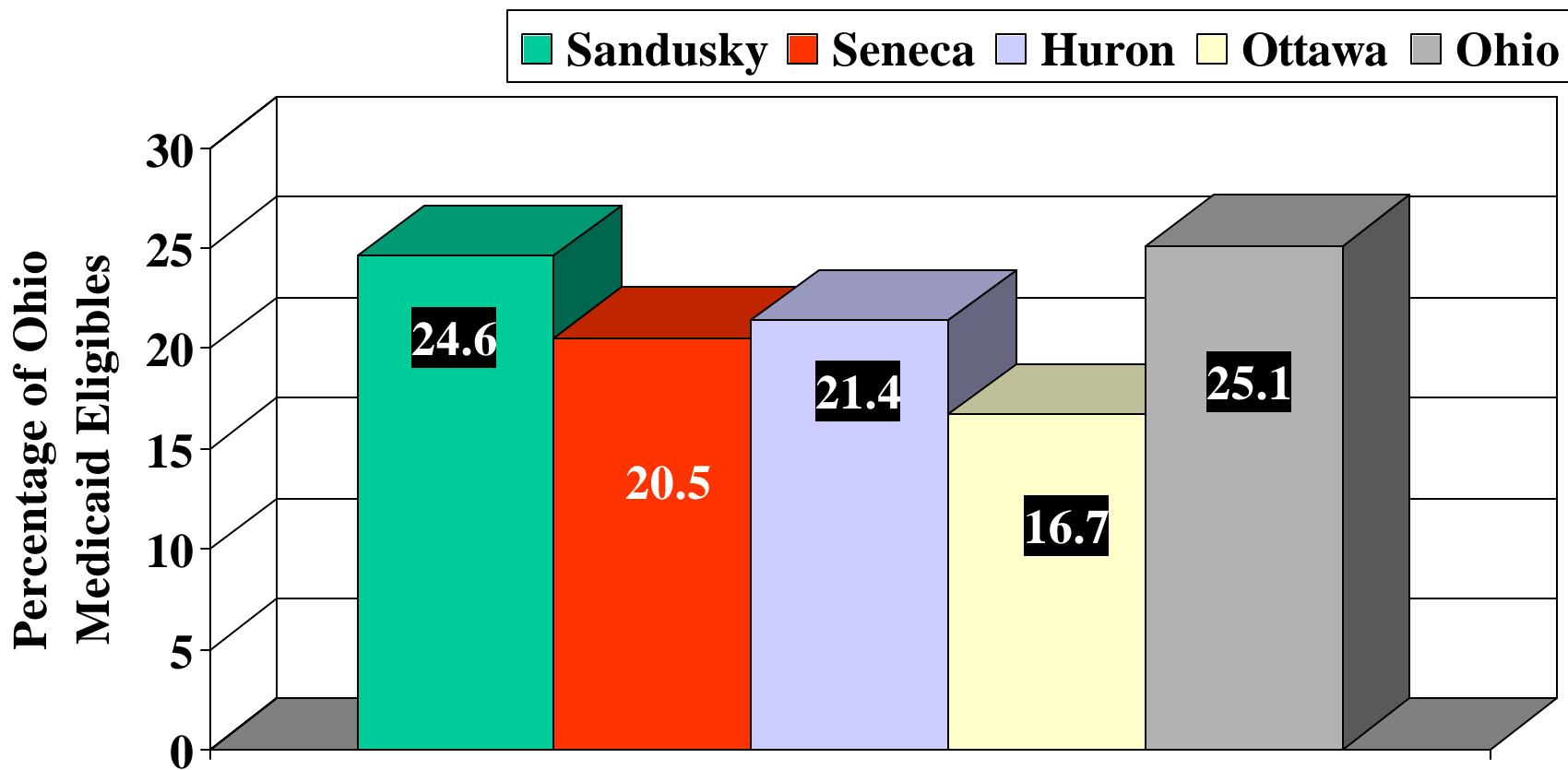


Source: ODH State Health Resources Plan, 2001

Compiled for Health Partners by
Fall 2001



Sandusky County Eligible Children Insured By Medicaid, 1998

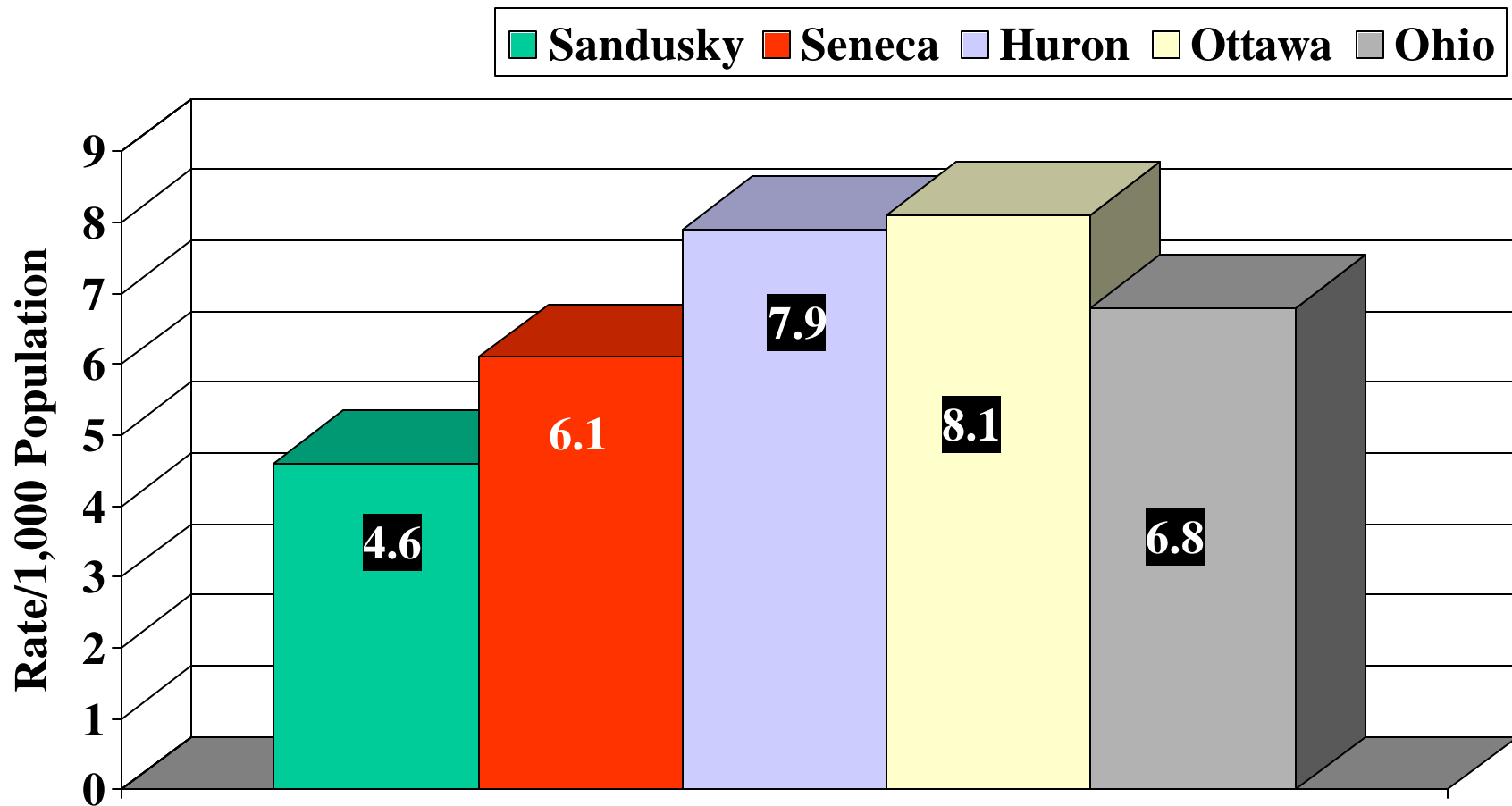


Source: ODH State Health Resources Plan, 2001

Compiled for Health Partners by
Fall 2001



Avoidable Hospitalizations For Ages 20-64 Years 1999

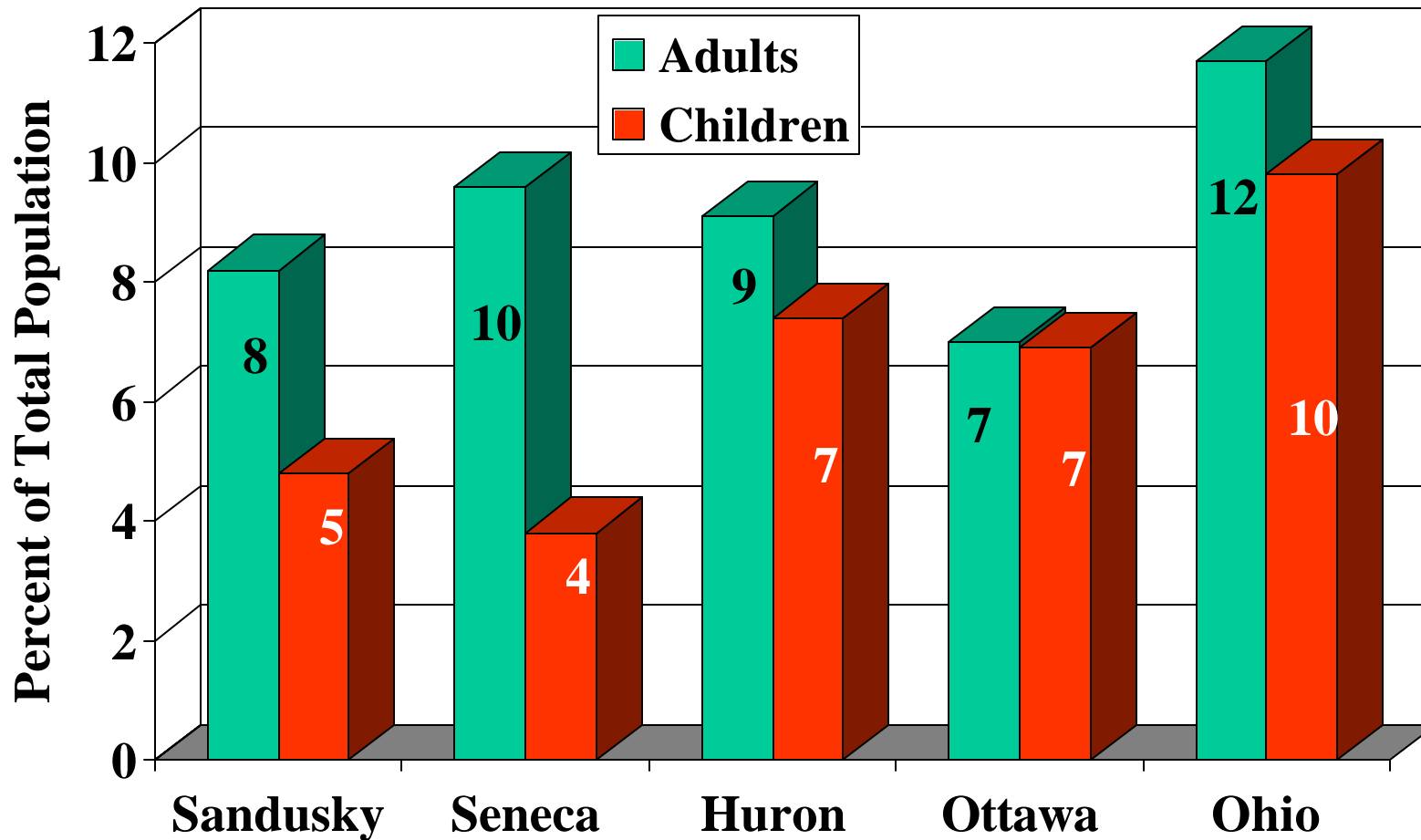


Source: ODH State Health Resources Plan, 2001

Compiled for Health Partners by
Fall 2001



Sandusky County Uninsured Health Care Rates, 1998



Source: ODH State Health Resources Plan, 2001

Compiled for Health Partners by
Fall 2001



Dentists - Health Professional Shortage Areas (HPSA) Within Peer Counties, 1998

	<u>Ratio to Pop</u>	<u>State Ave</u>	<u>HPSA</u>
• Sandusky	1:3,456	1:2,156	Yes
• Seneca	1:3,163	1:2,156	Yes
• Huron	1:2,741	1:2,156	No
• Ottawa	1:3,153	1:2,156	No

Source: ODH State Health Resources Plan, 2001

Compiled for Health Partners by
Fall 2001



Physicians - Health Professional Shortage Areas (HPSA) Within Peer Counties, 1998

	<u>Ratio to Pop</u>	<u>State Ave</u>	<u>HPSA</u>
• Sandusky	1:1,574	1:874	Yes
• Seneca	1:1,784	1:874	Partial
• Huron	1:1,272	1:874	No
• Ottawa	1:1,491	1:874	No

Source: ODH State Health Resources Plan, 2001

Compiled for Health Partners by
Fall 2001

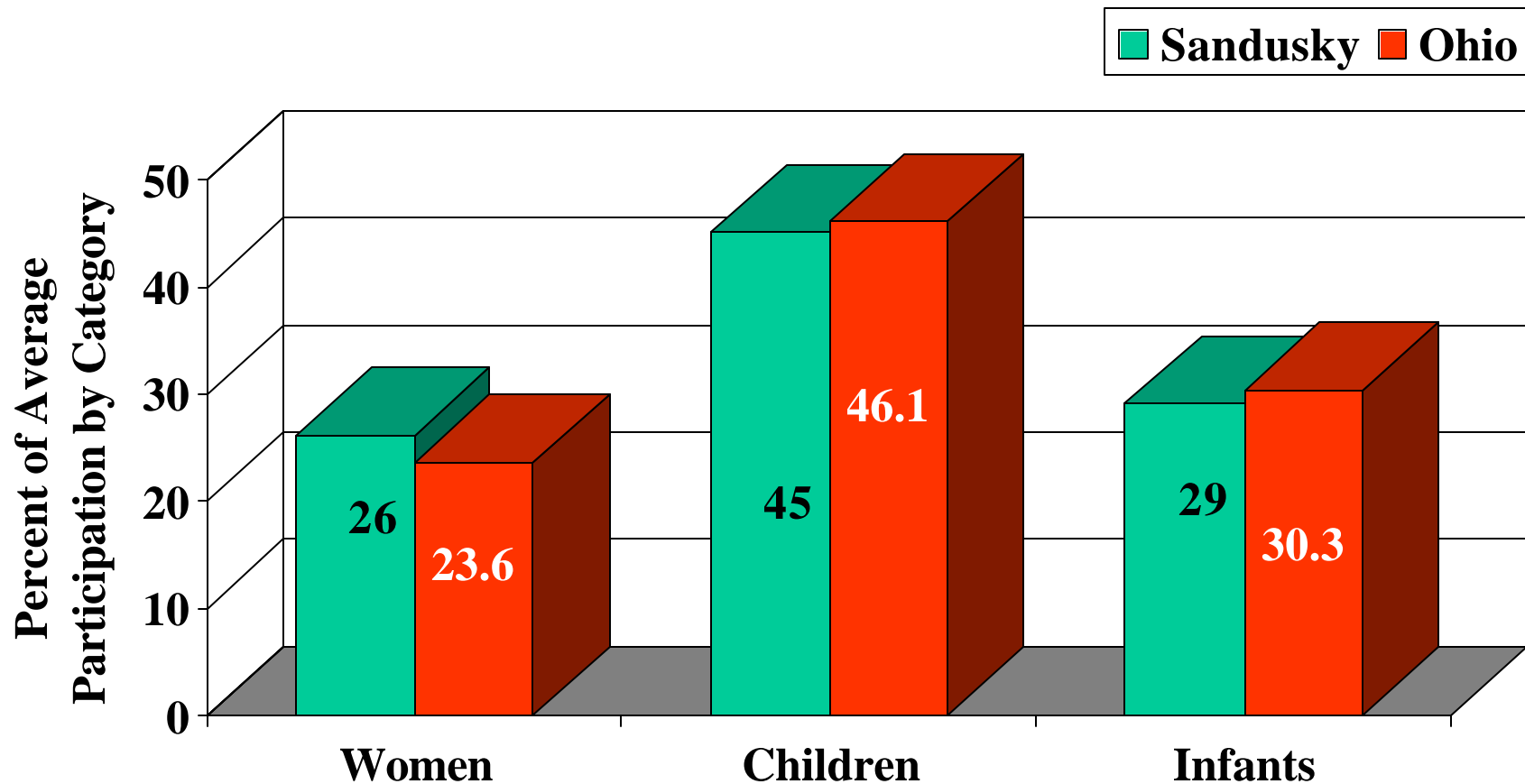


Children

Compiled for Health Partners by
Fall 2001



Average Participation Of Sandusky County WIC Program, 2000

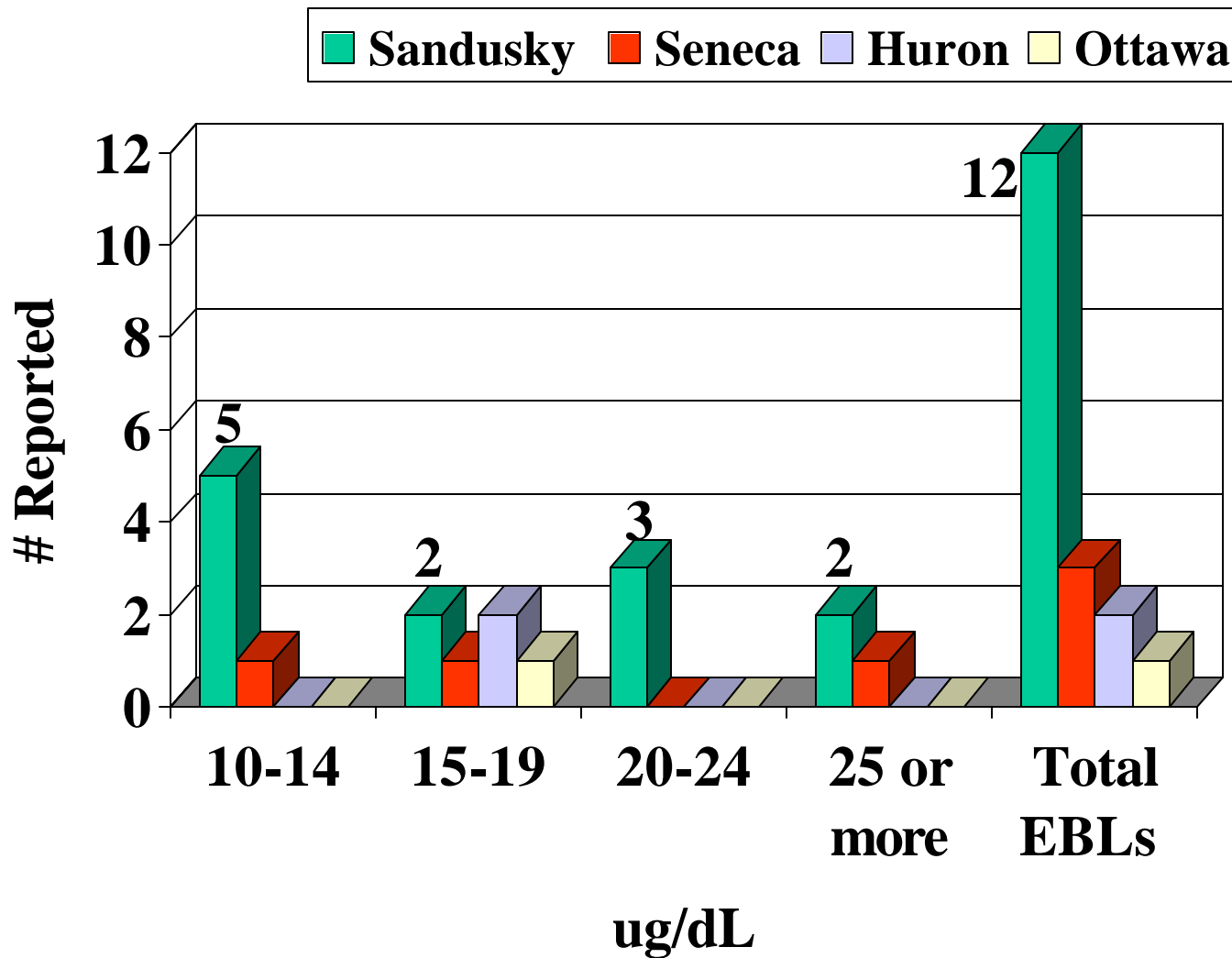


Source: ODH/OHIO WIC Program Profile, 2001

Compiled for Health Partners by
Fall 2001



Sandusky County Children With High Blood Lead Levels, 2000

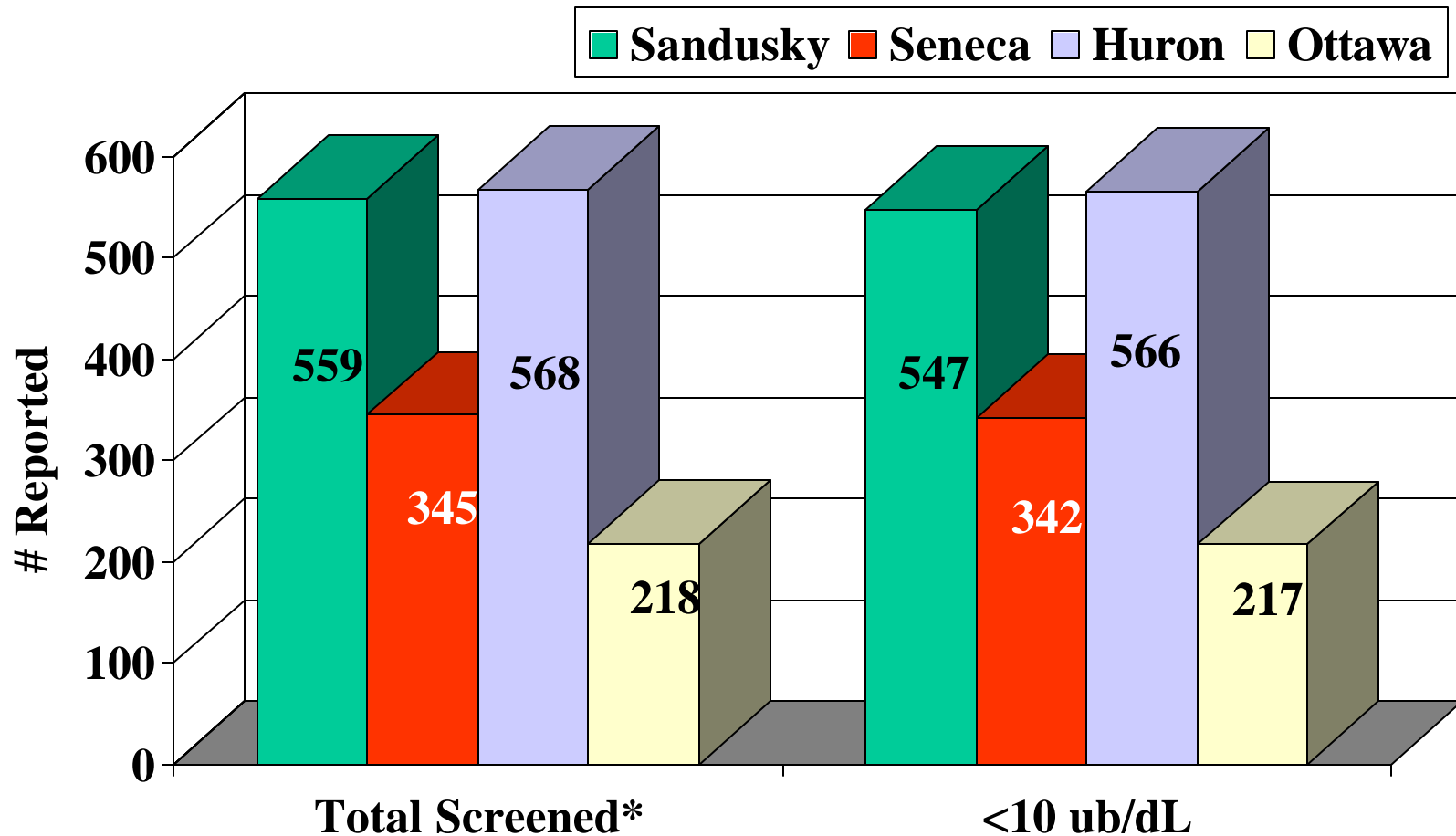


Source: ODH Data Warehouse, 2001

Compiled for Health Partners by
Fall 2001



Sandusky County Children With High Blood Lead Levels, 2000



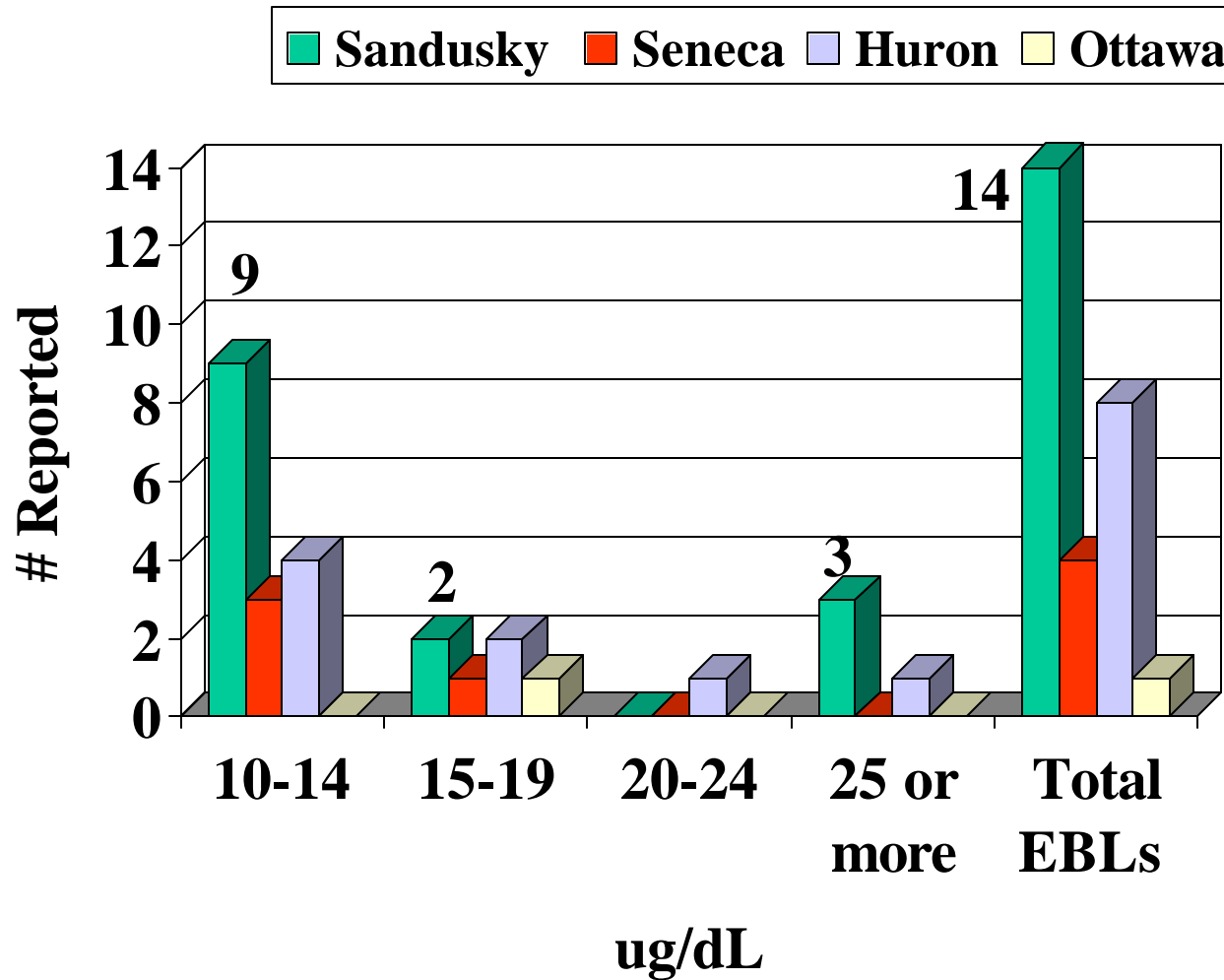
* Total number of children ages 0-72 months screened

Source: ODH Data Warehouse, 2001

Compiled for Health Partners by
Fall 2001



Sandusky County Children With High Blood Lead Levels, 1999

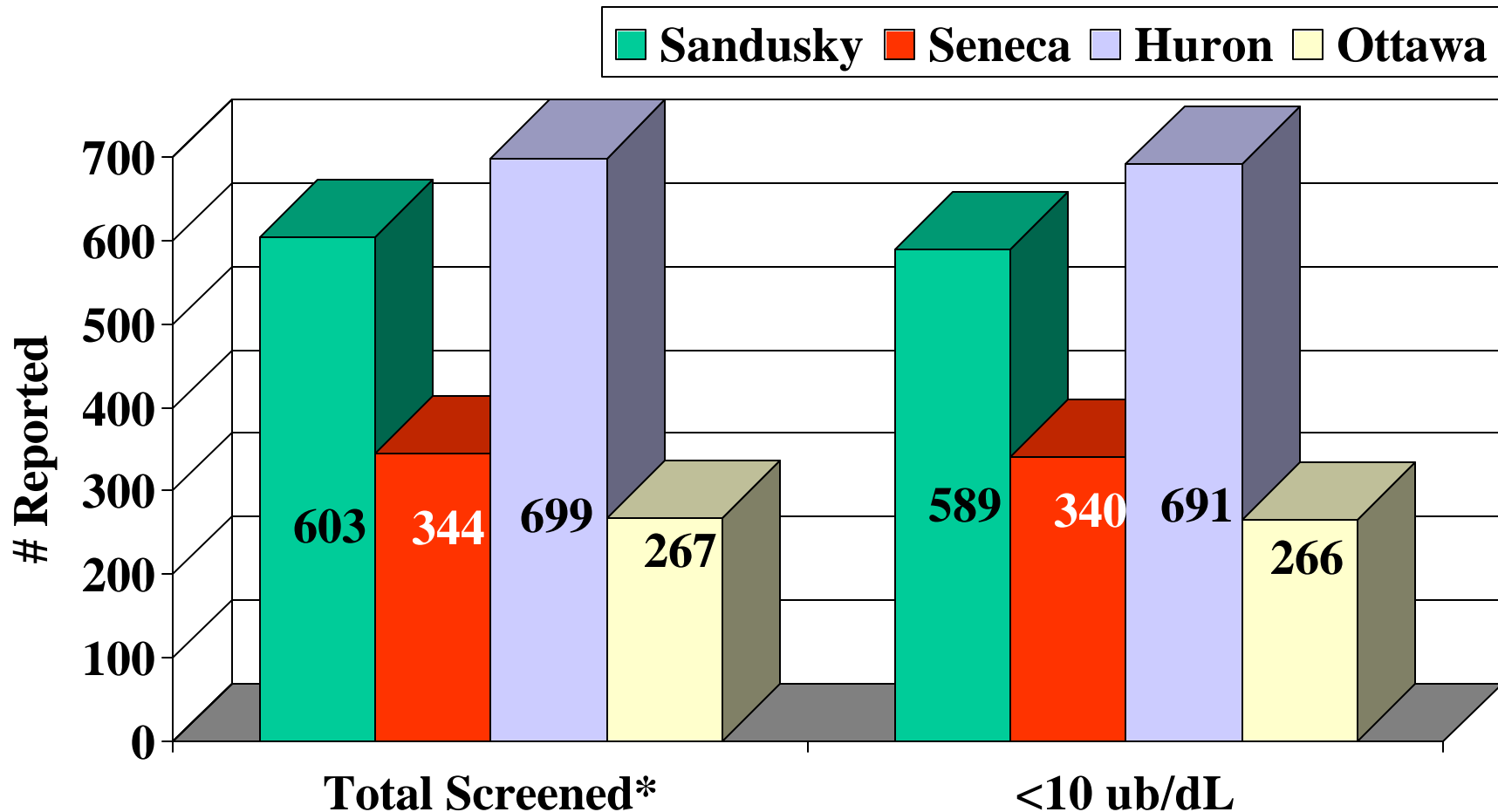


Source: ODH Data Warehouse, 2001

Compiled for Health Partners by
Fall 2001



Sandusky County Children With High Blood Lead Levels, 1999



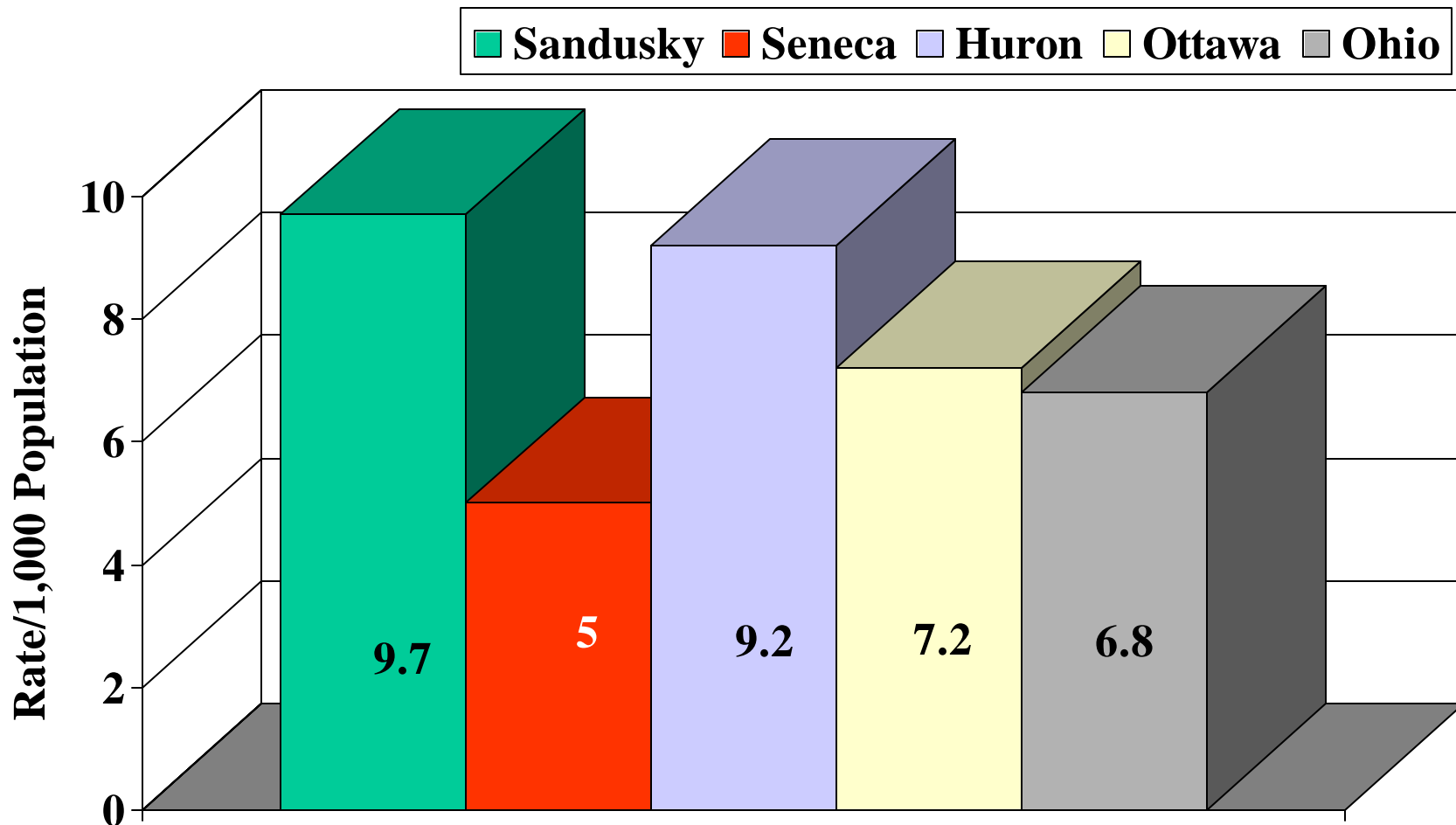
* Total number of children ages 0-72 months screened

Source: ODH Data Warehouse, 2001

Compiled for Health Partners by
Fall 2001



Avoidable Hospitalizations For Ages 0-19 Years, 1999



Source: ODH State Health Resources Plan, 2001

Compiled for Health Partners by
Fall 2001



Mental Health

Compiled for Health Partners by
Fall 2001



US Surgeon General's Mental Health Report Regarding Ohio Youth

- Estimates 21% of Ohio students suffer from a diagnosable mental or addictive disorder.
- Estimates 11% of Ohio students have a mental disorder that significantly impairs daily functioning.
- In fiscal 1997, ~1.5% of Ohio children received community mental health services.



Ohio's Health Commission Mental Health Report Regarding Older Adults

- 35% of physicians felt confident prescribing anti-depressants to older persons.
- More than half of older adults in need of mental health are not getting necessary treatment.
- The public mental health system is inadequately equipped to serve older Ohioans with serious mental disabilities.

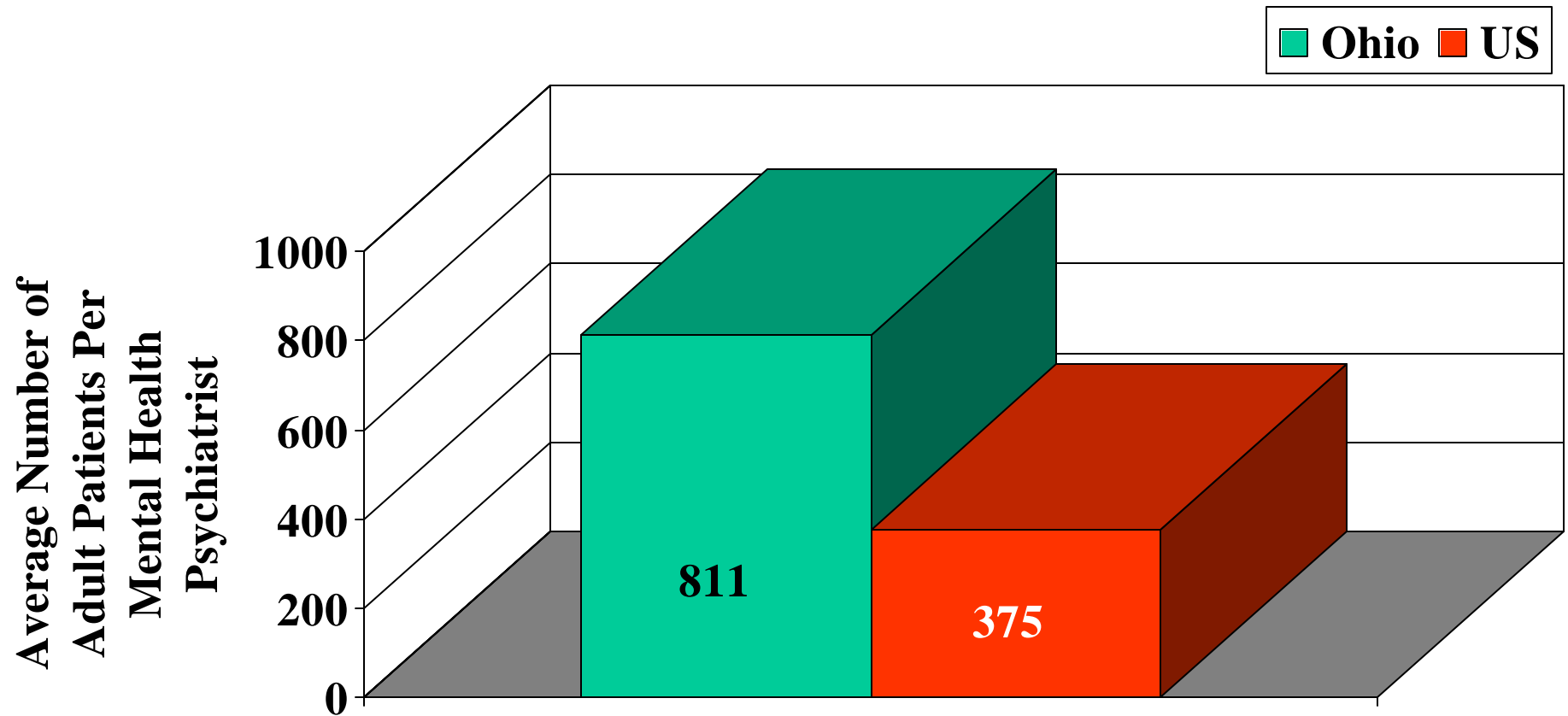


Ohio's Mental Health Status

- Ohio inpatient and residential services spending is (\$21 vs \$35) less than nationwide average.
- ODMH revenues (1997) are less than national average (\$52 vs \$61).
- Approximately 4,100 of Ohio's 58,000 severely mentally disabled adults remain institutionalized or experience disruption in community settings because necessary services are not available.



Average Caseload of Mental Health Center Psychiatrists In the US, 2000



Source: Ohio Health Commission's Report *Changing Lives*, 2001

Compiled for Health Partners by
Fall 2001



Crime

Compiled for Health Partners by
Fall 2001



Sandusky County Sheriff's Office

Service Calls, 1999

Crime	Number of Calls
Murders	1
Sexual Assault	13
Robbery	1
Burglary	21
Vehicle Theft	14
Juveniles	120
All Service Calls	10,503



Sandusky County Sheriff's Office

Service Calls, 1998

Crime	Number of Calls
Murders	0
Sexual Assault	14
Robbery	5
Burglary	50
Vehicle Theft	28
Juveniles	221
All Service Calls	10,416



Sandusky County Sheriff's Office

Service Calls, 1997

Crime	Number of Calls
Murders	0
Sexual Assault	5
Robbery	8
Burglary	59
Vehicle Theft	25
Juveniles	205
All Service Calls	10,156



Leading Causes of Death

Compiled for Health Partners by
Fall 2001



U.S. Leading Causes of Death

- Heart Disease
- Cancer
- Stroke
- COPD
- Accidents
- Pneumonia & Influenza
- Diabetes
- Suicide
- Kidney Disease
- Chronic Liver Disease

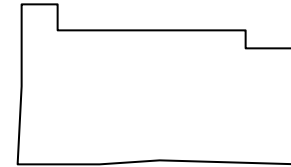


Leading Causes of Death, 1990-1998



Ohio

1. Heart Disease
2. Cancer
3. Stroke
4. COPD
5. Diabetes



Sandusky County

1. Heart Disease
2. Cancer
3. Stroke
4. Accidents
5. COPD



Sandusky County Leading Causes of Death, 1990-1998

Males




Females

1. Heart Disease
2. Cancer
3. Accidents
4. Stroke
5. COPD

1. Heart Disease
2. Cancer
3. Stroke
4. COPD
5. Pneumonia & Influenza



Sandusky County White Leading Causes of Death , 1990-1998

Male		Female
1. Heart Disease		1. Heart Disease
2. Cancer		2. Cancer
3. Stroke		3. Stroke
4. Accidents		4. Pneumonia & Influenza
5. COPD		5. COPD
6. Pneumonia & Influenza		6. Diabetes
7. Diabetes		7. Accidents
8. Suicide		8. Nephritis



Sandusky County Black Leading Causes of Death, 1990-1998



Male

1. Cancer
2. Heart Disease
3. Accidents
4. Diabetes
5. Chronic Liver Disease

Female

1. Heart Disease
2. Cancer
3. Stroke
4. Diabetes
5. COPD



Sandusky County Hispanic Leading Causes of Death, 1992-1997



Ohio

1. Heart Disease
2. Cancer
3. Accidents
4. Diabetes
5. Stroke

Sandusky

1. Heart Disease (20)
2. Unknown Causes (17)*
3. Cancer (10)
3. Diabetes (10)
4. Accidents (6)
5. Stroke (5)

* Deaths From Other Than 15 Leading Causes



Sandusky County Causes of Death Broken Down By Age, 1990-1998

Under 1 Year of Age

- Perinatal Conditions (19)
- Congenital Abnormalities (16)
- Accidents (3)
- Pneumonia and Influenza (1)
- Diseases of the Heart (1)

1-4 Years of Age

- Accidents (5)
- Congenital Abnormalities (4)
- Cancer (1)



Sandusky County Causes of Death Broken Down By Age, 1990-1998

5-14 Years of Age

- Accidents (10)
- Heart Diseases (3)
- Cancer (1)
- Suicide (1)

15-24 Years of Age

- Accidents (34)
- Suicide (13)
- Homicide (6)
- Heart Diseases (4)
- Cancer (2)
- Congenital Anomalies (1)



Sandusky County Causes of Death Broken Down By Age, 1990-1998

25-34 Years of Age

- Accidents (37)
- Cancer (10)
- Suicide (8)
- Heart Diseases (7)
- Homicide (3)
- Liver Disease (2)
- Congenital Anomalies (1)

35-44 Years of Age

- Cancer (44)
- Heart Diseases (32)
- Accidents (24)
- Suicide (18)
- HIV (11)
- Stroke (7)
- Liver Diseases (5)



Sandusky County Causes of Death Broken Down By Age, 1990-1998

45-54 Years of Age

- Cancer (85)
- Heart Diseases (78)
- Accidents (23)
- Stroke (13)
- Diabetes (9)
- Liver Diseases (8)
- Suicide (6)

55-64 Years of Age

- Cancer (190)
- Heart Disease (163)
- Diabetes (31)
- Stroke (22)
- COPD (16)
- Accidents (14)
- Liver Diseases (9)



Sandusky County Causes of Death Broken Down By Age, 1990-1998

65-74 Years of Age

- Heart Diseases (372)
- Cancer (371)
- Stroke (68)
- COPD (60)
- Diabetes (49)
- Accidents (22)
- Pneumonia and Influenza (21)
- Alzheimer's Disease (5)

75-84 Years of Age

- Heart Diseases (542)
- Cancer (382)
- Stroke (143)
- COPD (78)
- Pneumonia and Influenza (60)
- Diabetes (40)
- Nephritis (38)
- Accidents (21)



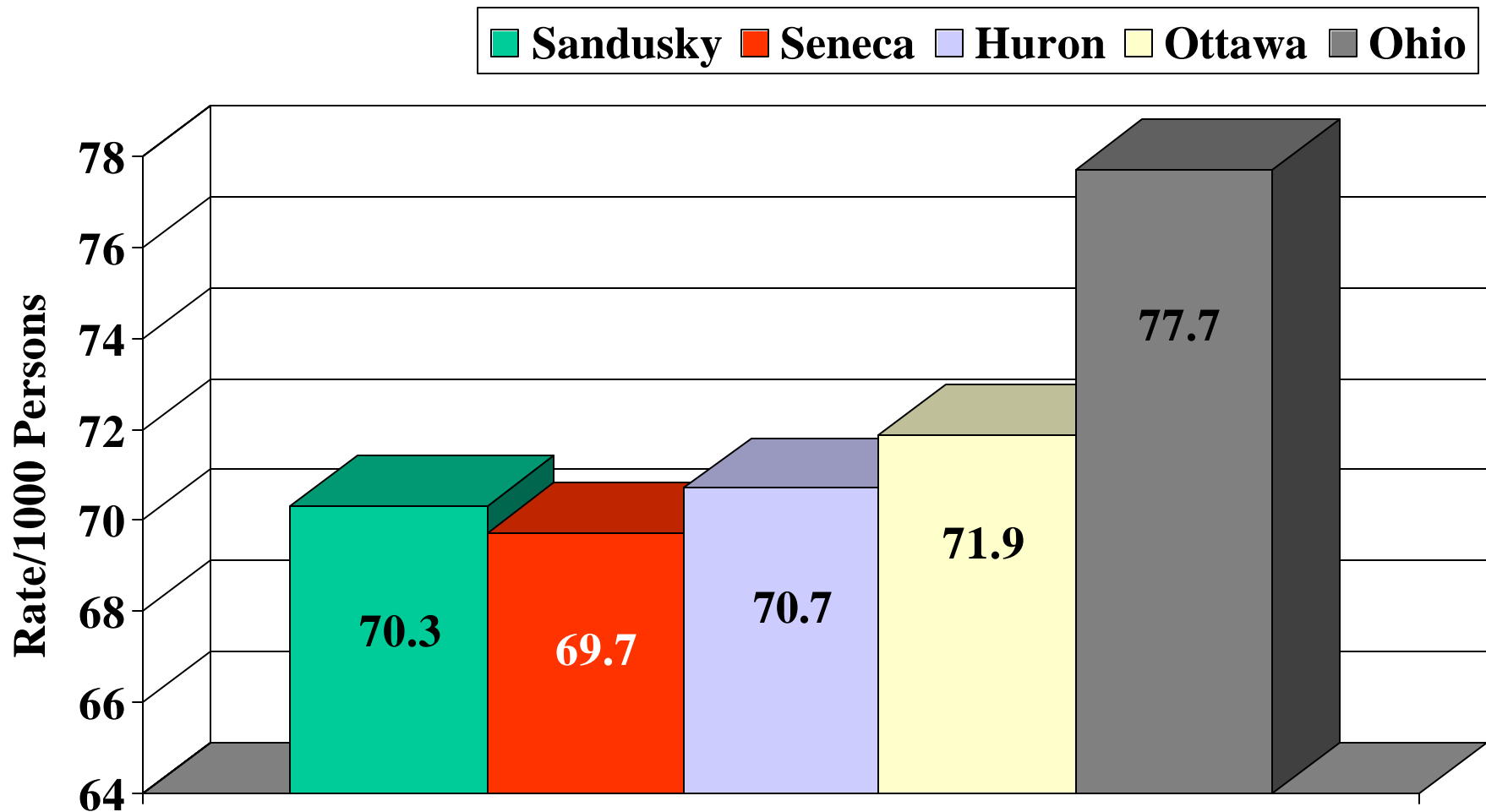
Sandusky County Causes of Death Broken Down By Age, 1990-1998

85+ Years of Age

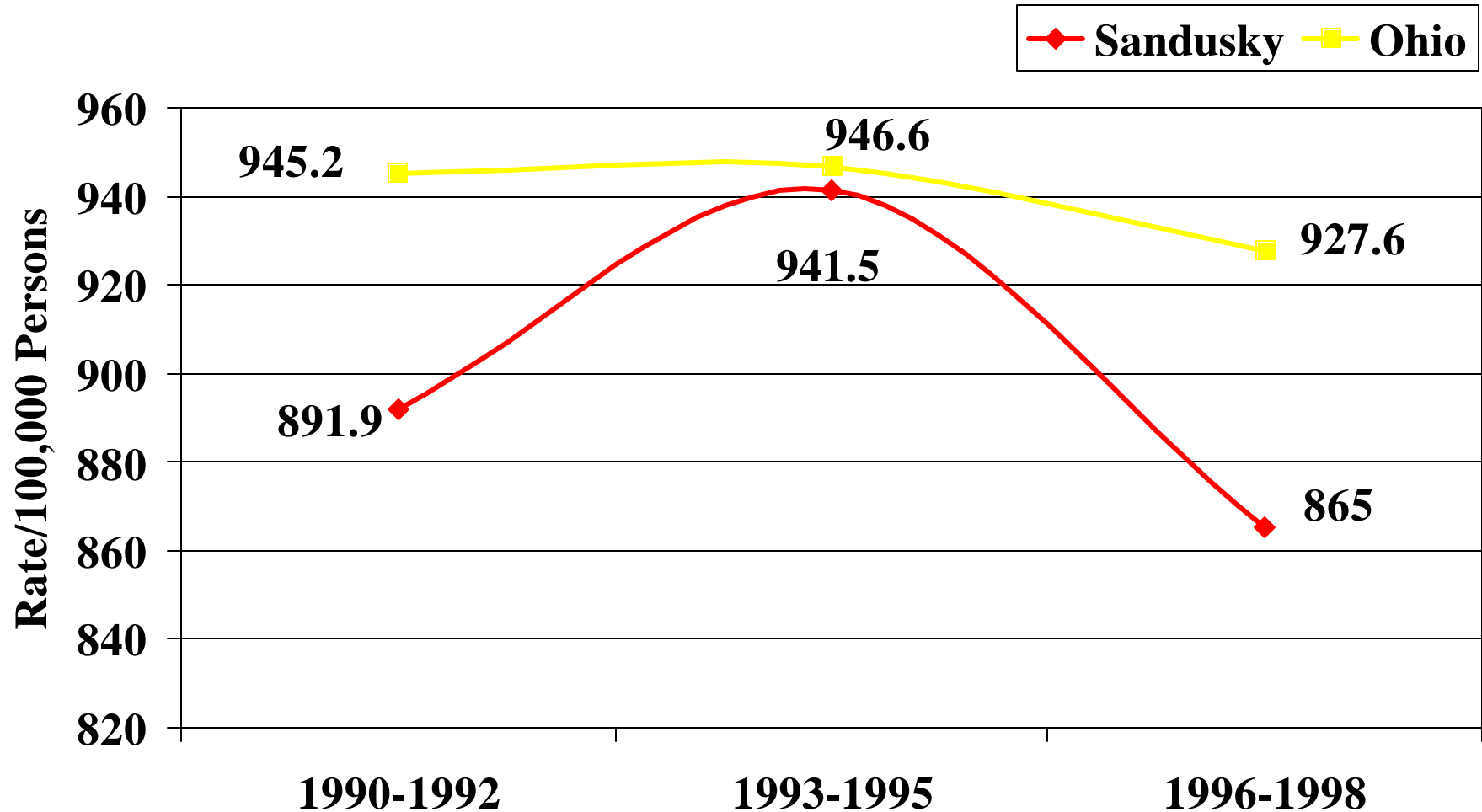
- Heart Diseases (540)
- Cancer (167)
- Stroke (140)
- Pneumonia and Influenza (91)
- COPD (41)
- Atherosclerosis (36)
- Diabetes (33)
- Nephritis (33)
- Alzheimer's Disease (25)
- Accidents (22)



(Premature Death) Years of Potential Life Lost Among Peer Counties, 1994-1998

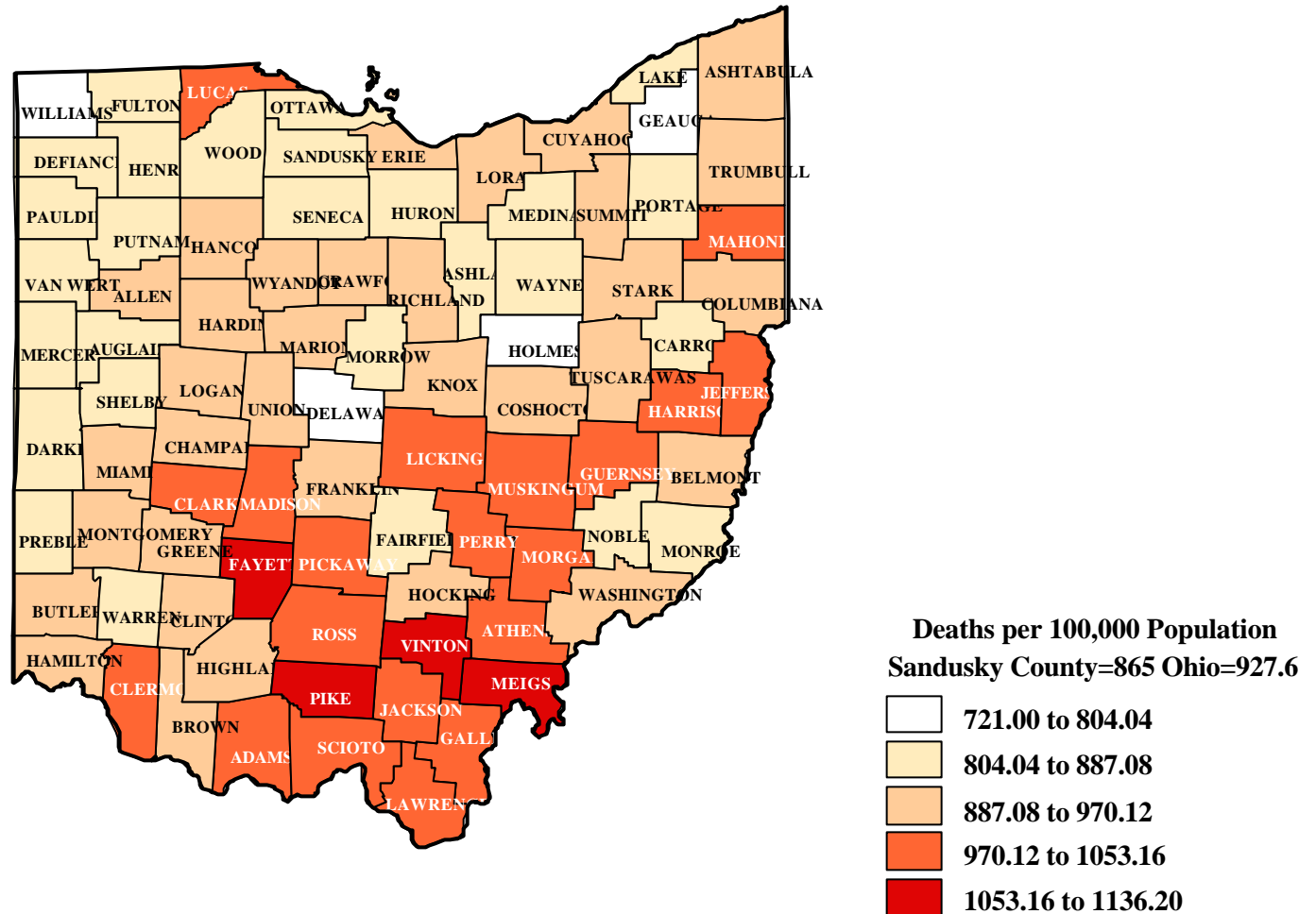


Sandusky County Deaths- All Causes Age-Adjusted to 2000 Standard, 1990-1998



Deaths from All Causes

Average Annual Age-Adjusted Rate 1996-1998

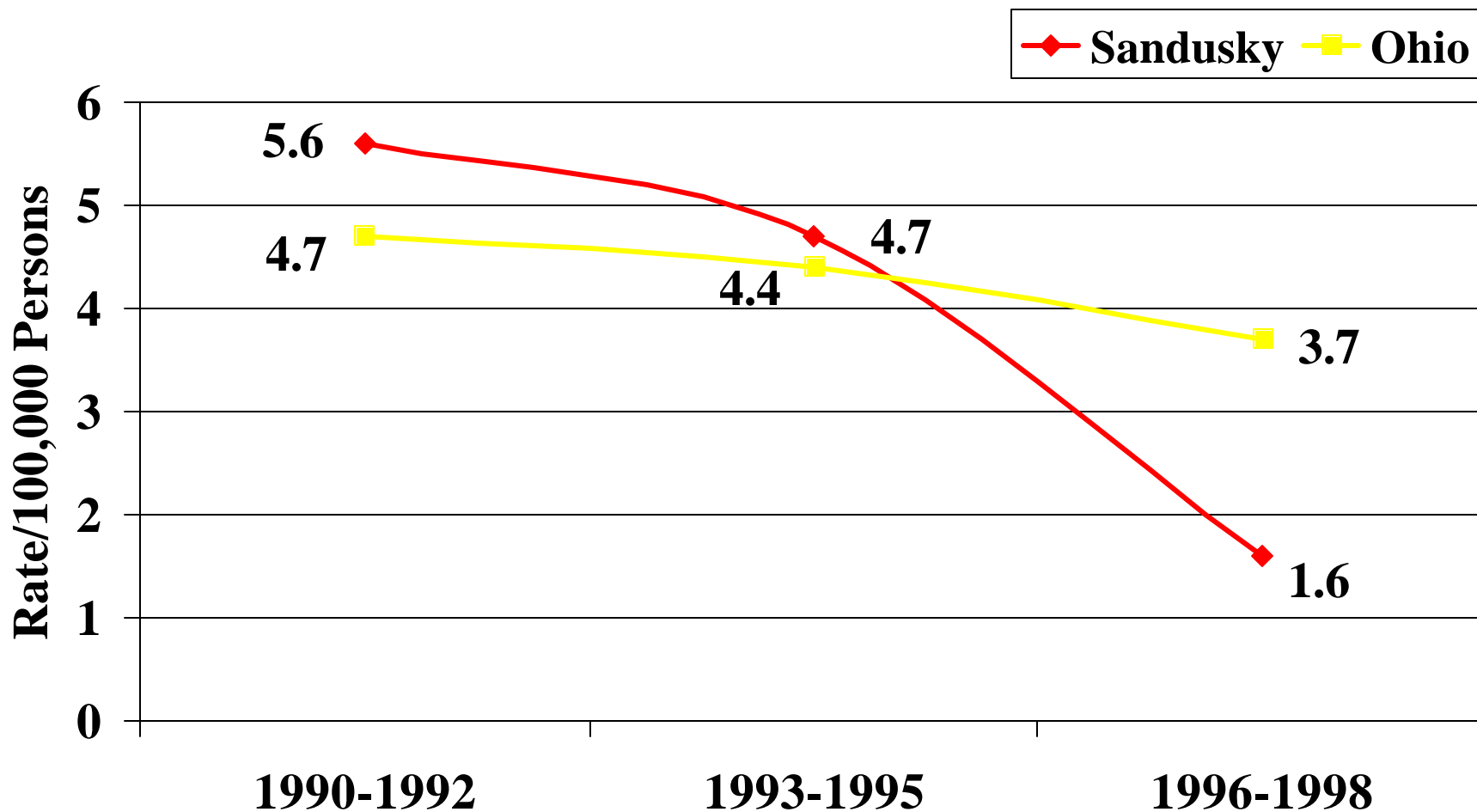


Source: ODH Vital Statistics, 1998

Compiled for Health Partners by
 Fall 2001



Congenital Abnormalities Related Deaths Age-Adjusted to 2000 Standard, 1990-1998



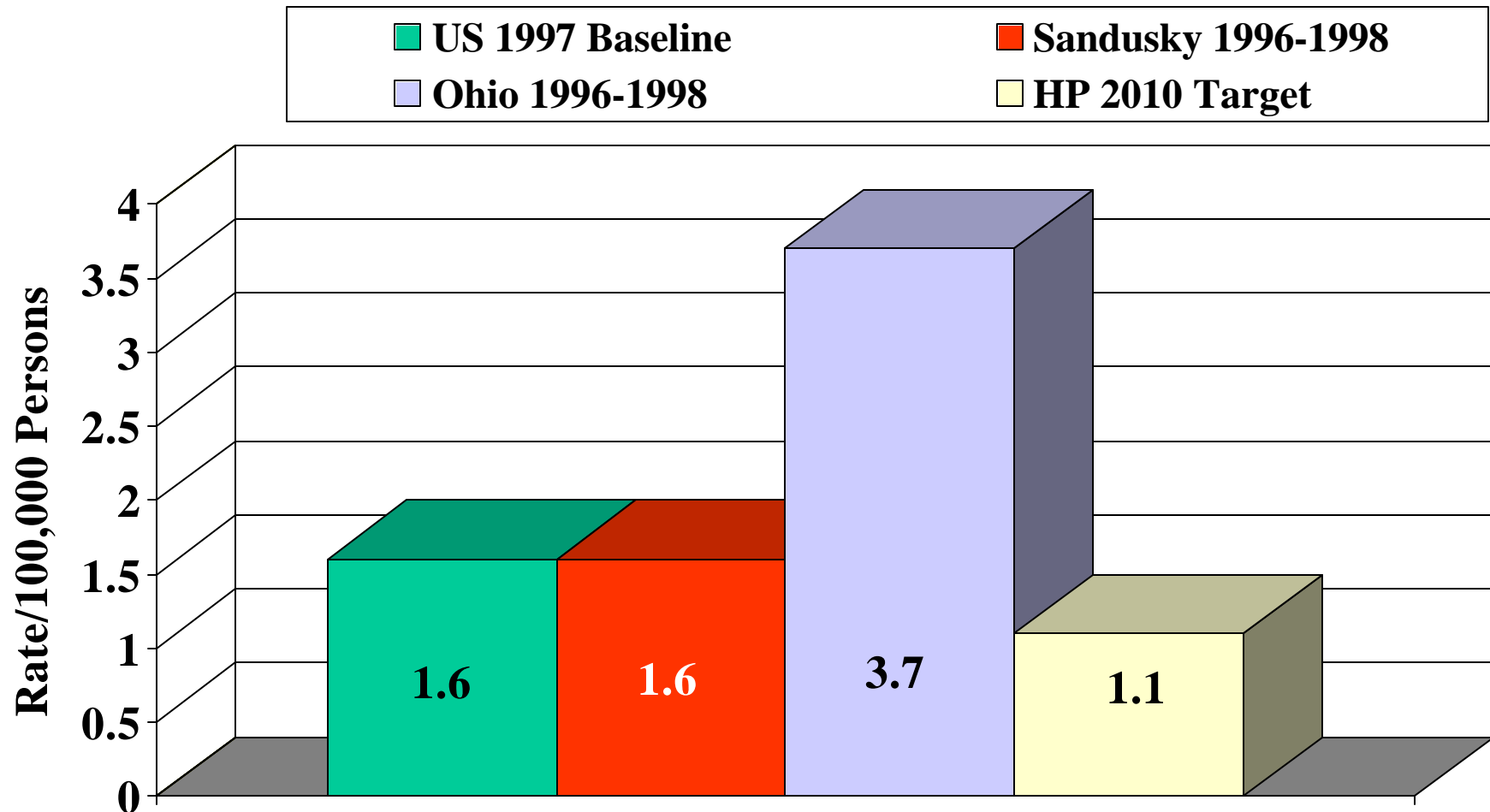
Source: ODH Vital Statistics, 2001

Compiled for Health Partners by
Fall 2001

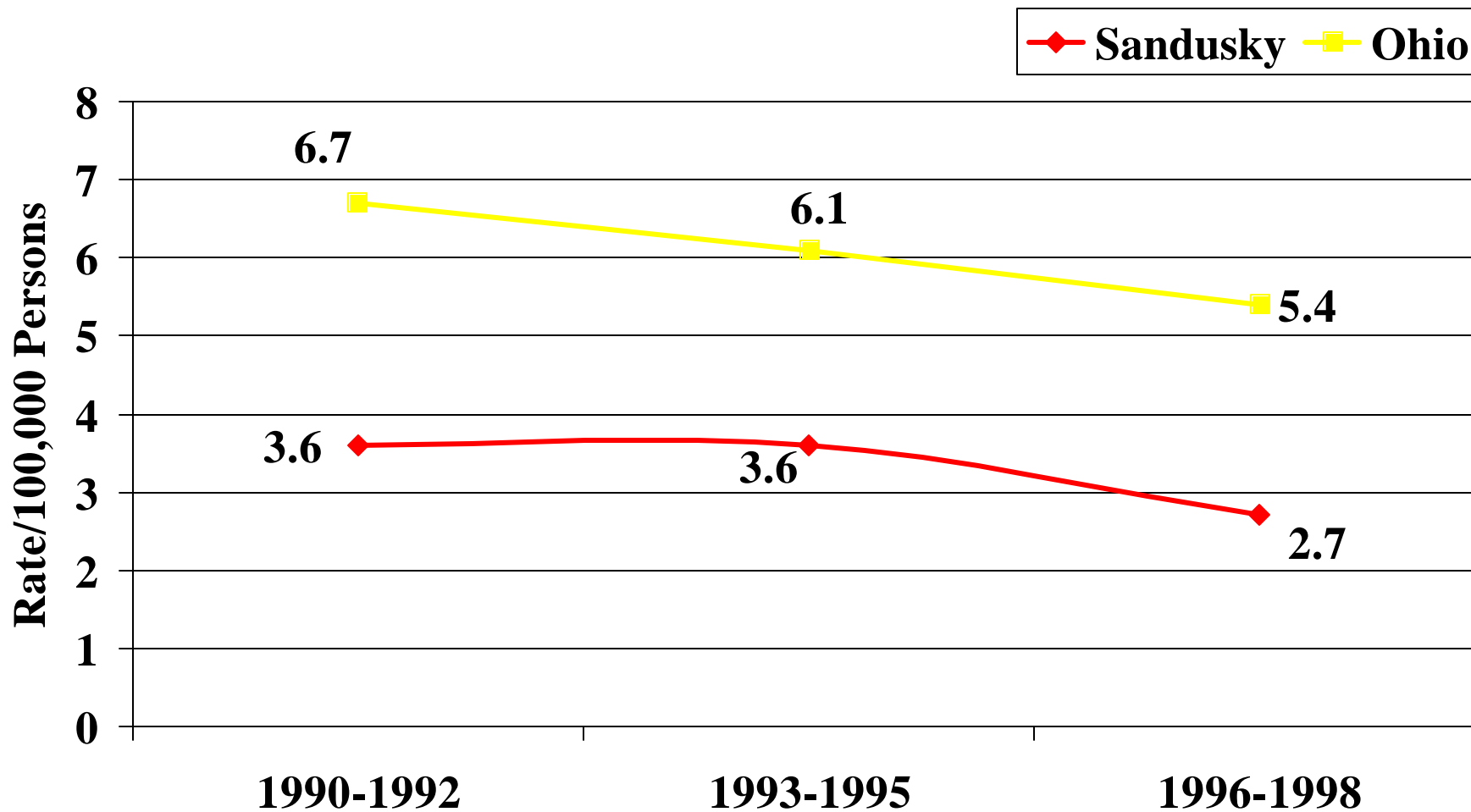


Congenital Anomalies

Tracking Healthy People 2010 Objective

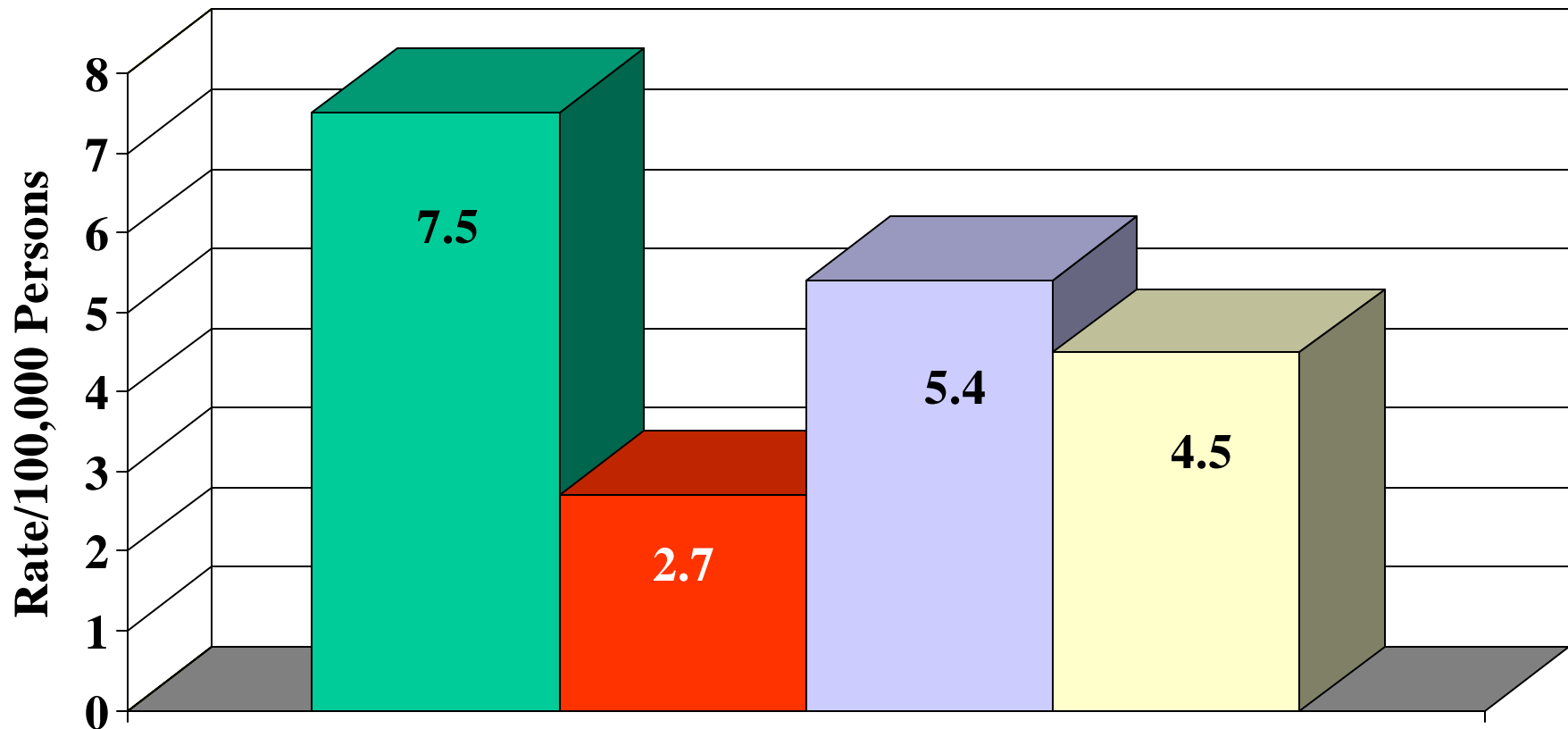
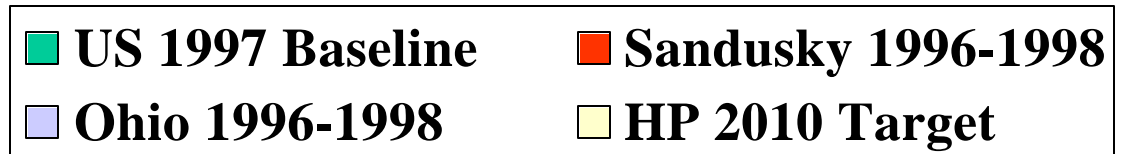


Perinatal Condition Related Deaths Age-Adjusted to 2000 Standard, 1990-1998



Perinatal Deaths

Tracking Healthy People 2010 Objective



Breakdown of Top Five Leading Causes of Death

Compiled for Health Partners by
Fall 2001

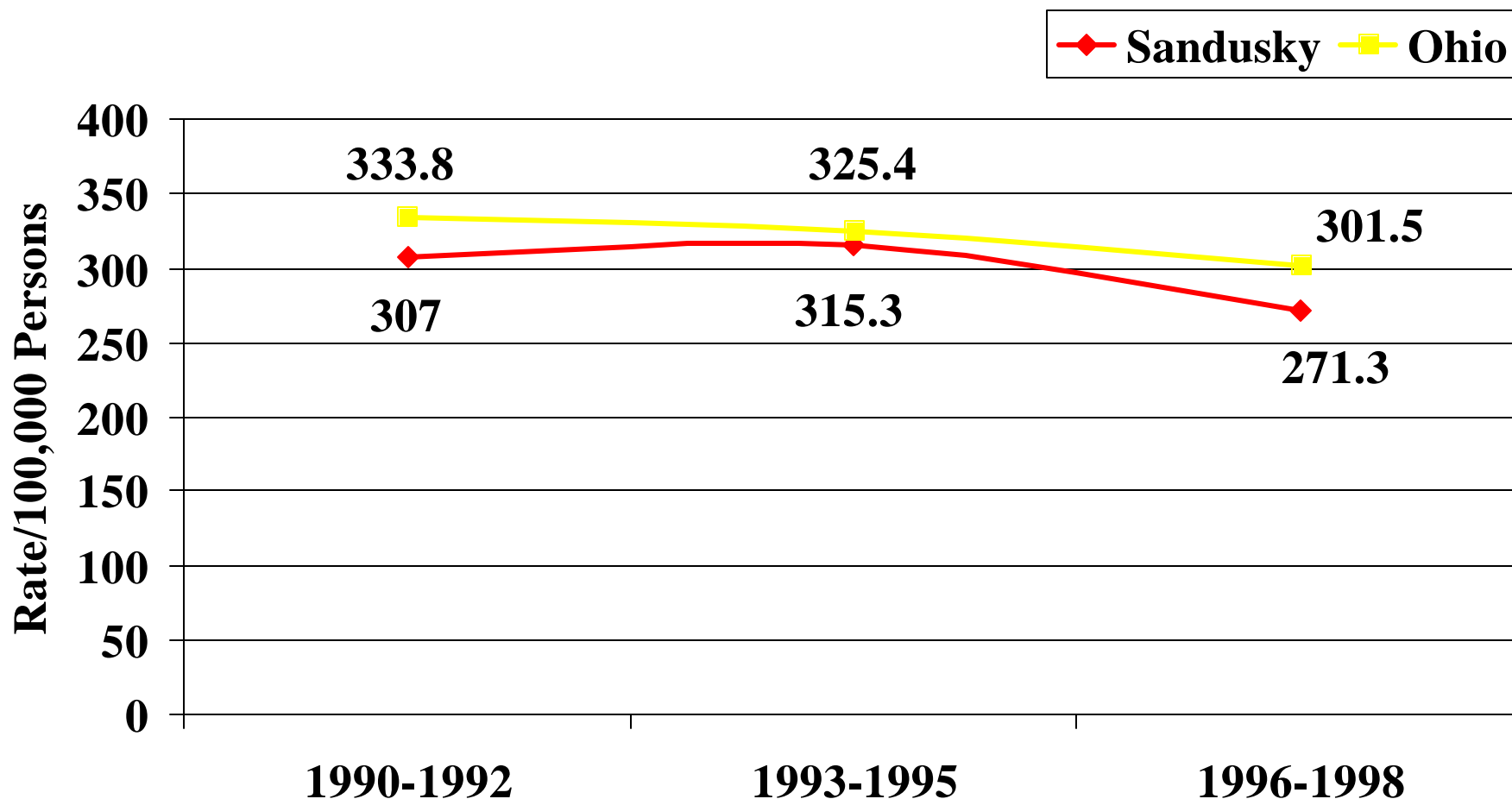


Heart Disease

Compiled for Health Partners by
Fall 2001



Sandusky County Heart Disease Related Deaths Age-Adjusted to 2000 Standard, 1990-1998

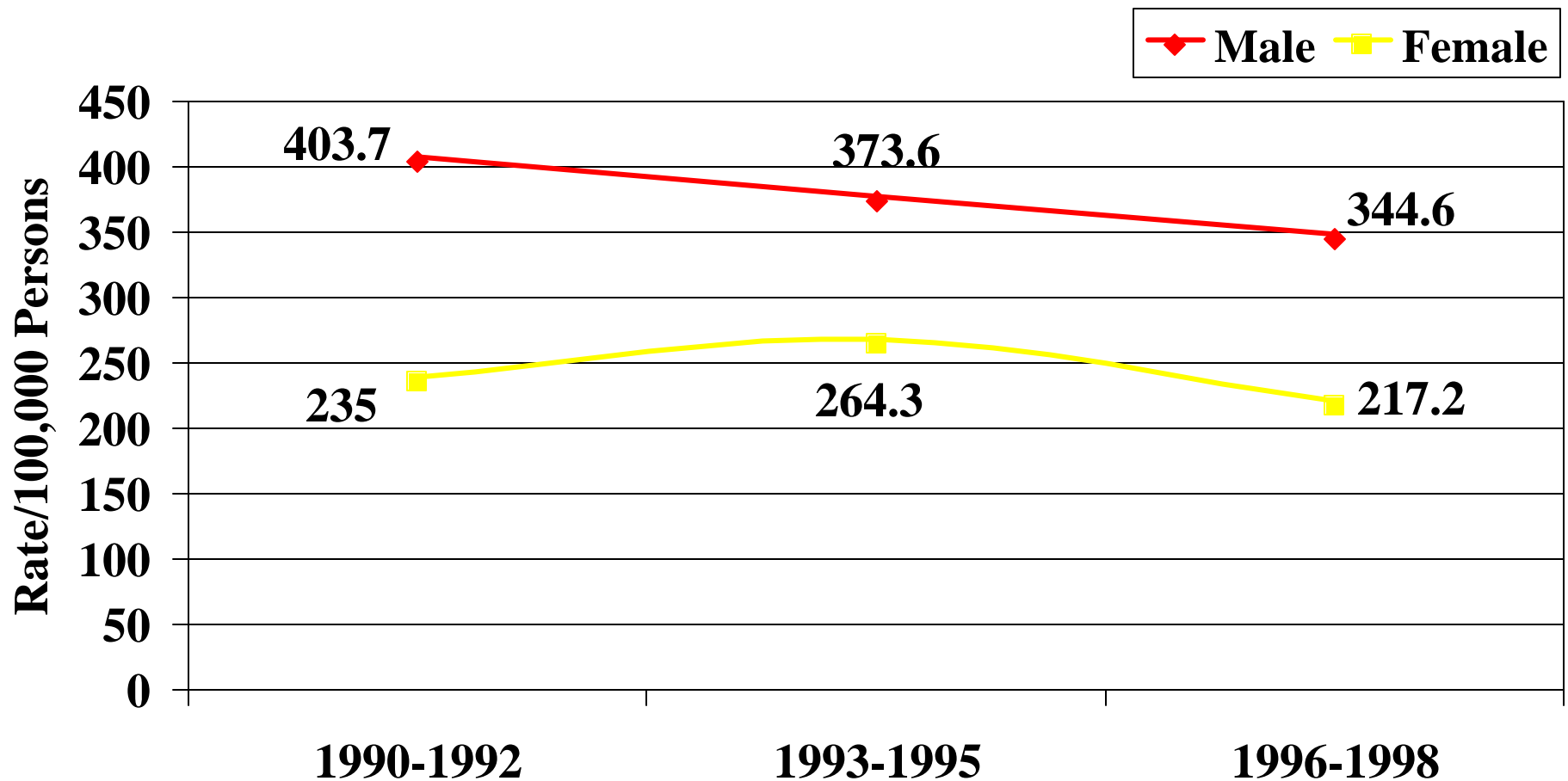


Source: ODH Vital Statistics, 2001

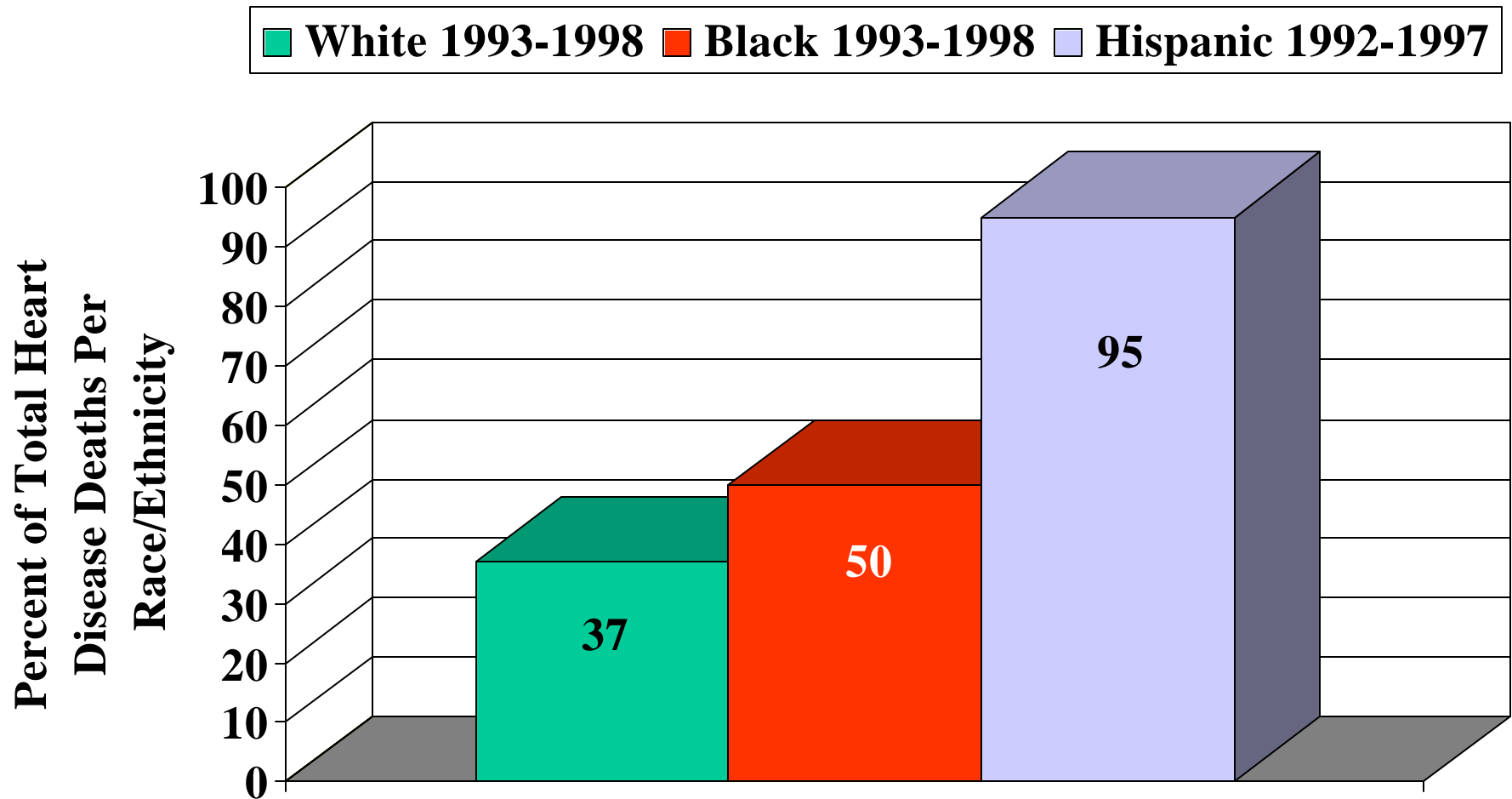
Compiled for Health Partners by
Fall 2001



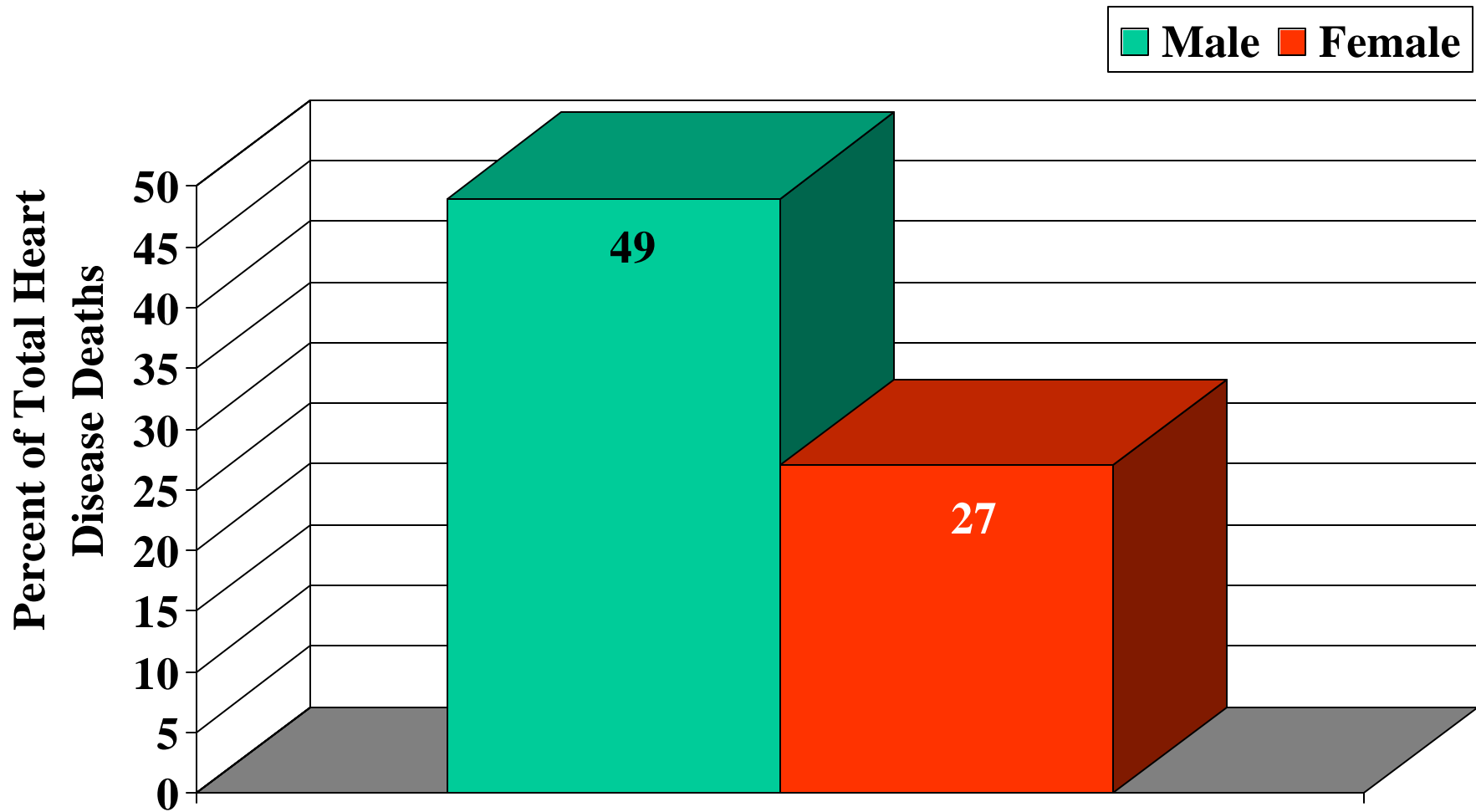
Sandusky County Heart Diseases Related Deaths Age-Adjusted to 2000 Standard, 1990-1998



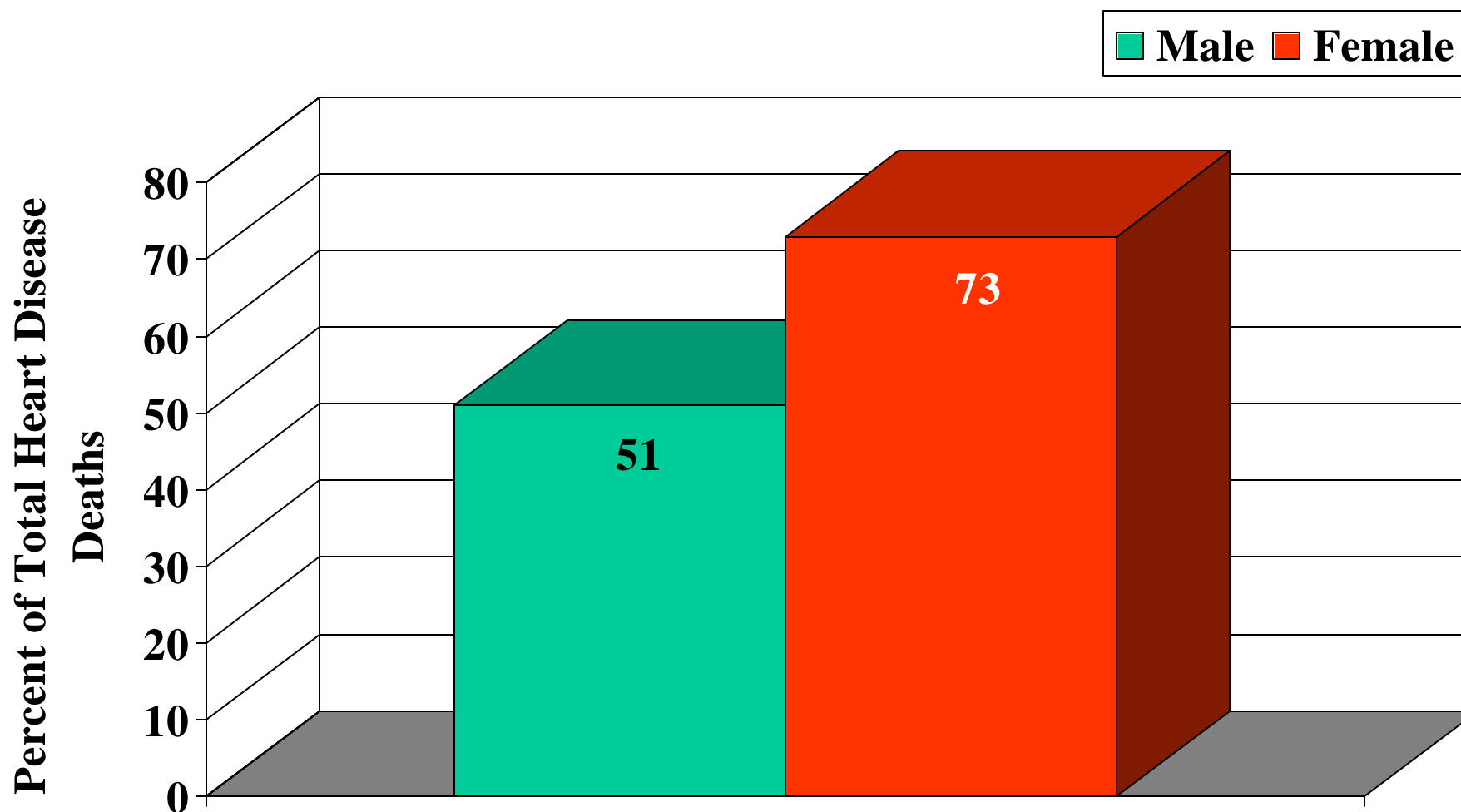
Percent of Deaths From Heart Disease Before Age 75



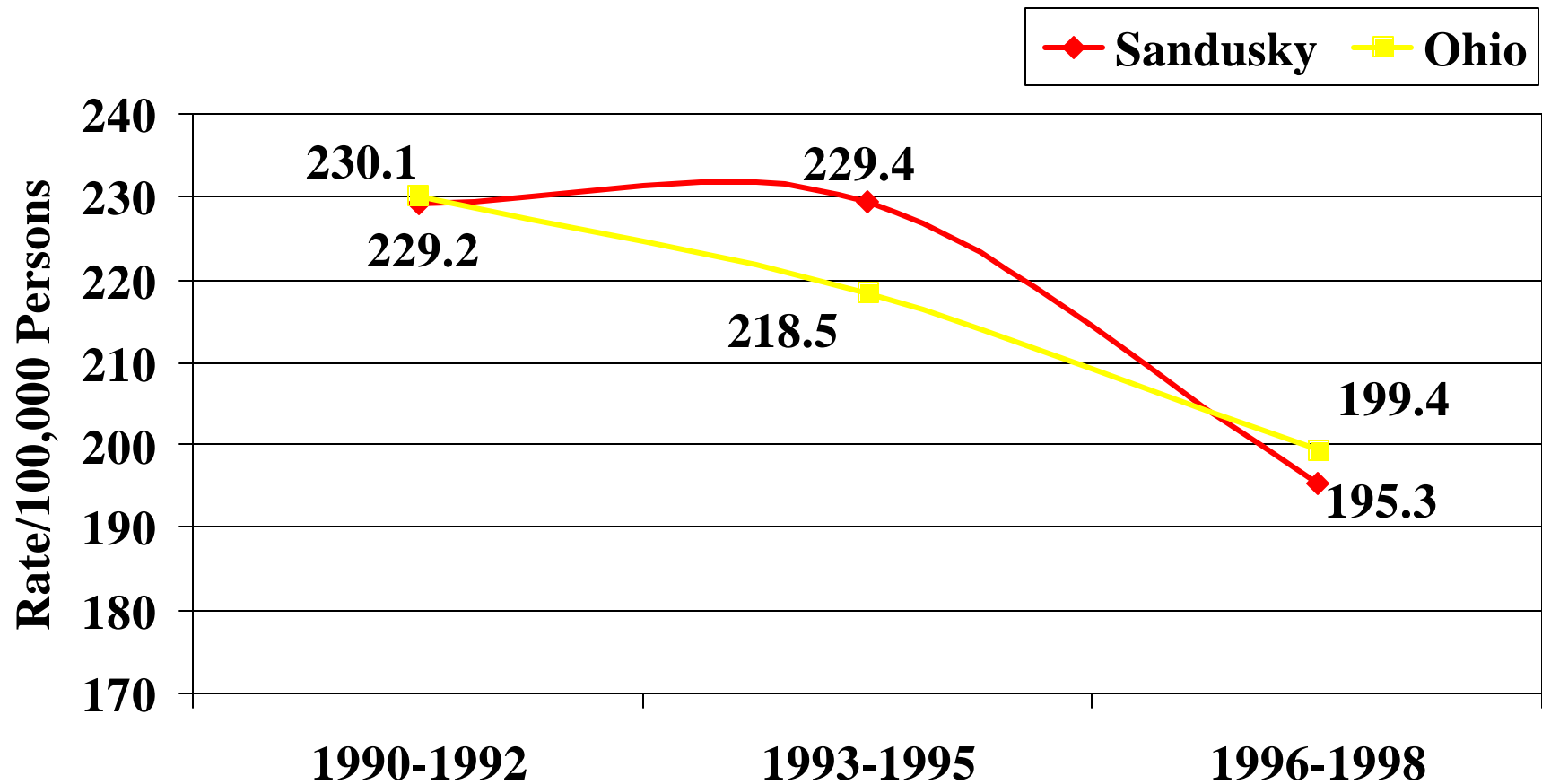
Percent of Deaths From Heart Disease Before Age 75, 1990-1998



Percent of Deaths From Heart Disease 75+ Years, 1990-1998

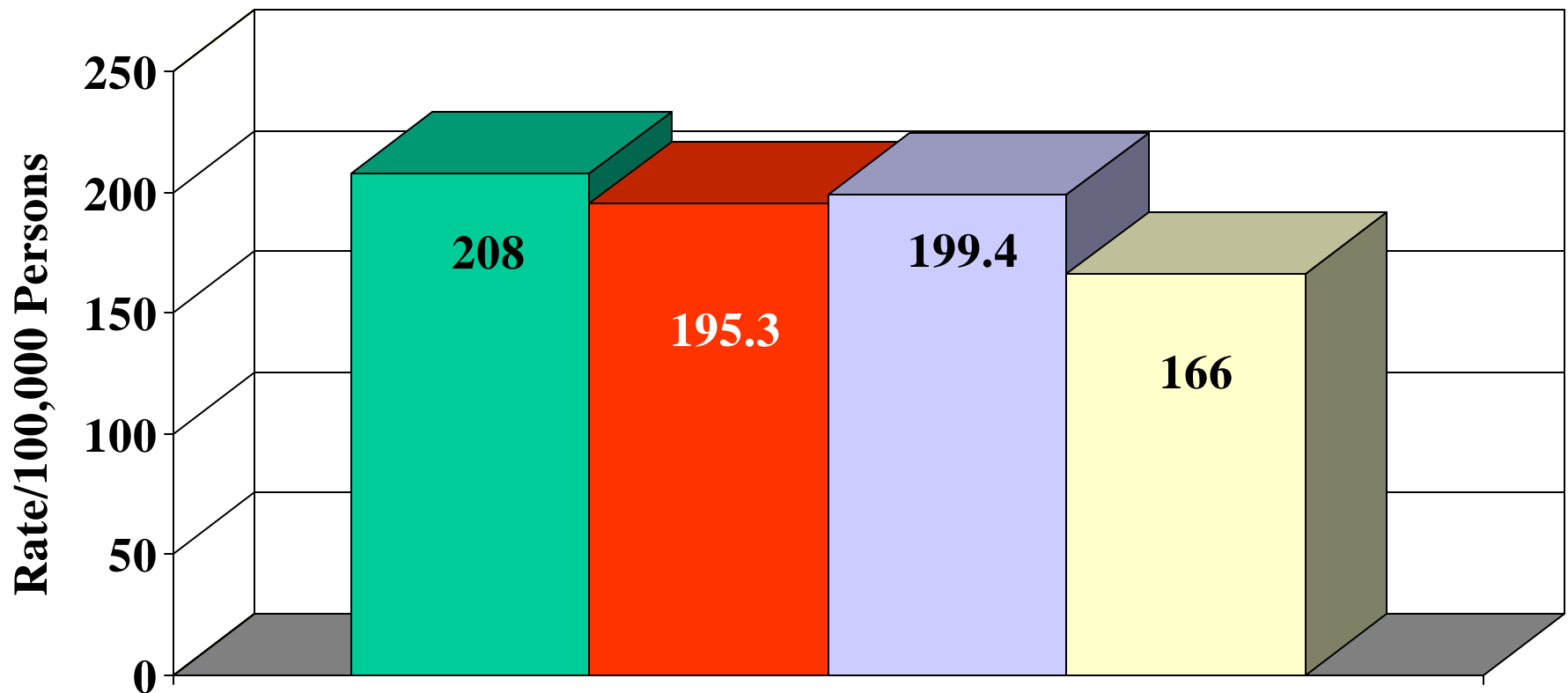
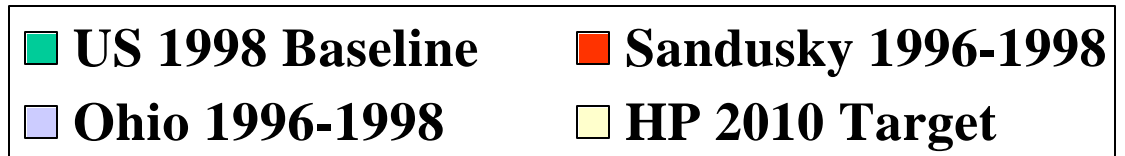


Sandusky County Ischemic Heart Disease Related Deaths Age-Adjusted to 2000 Standard, 1990-1998

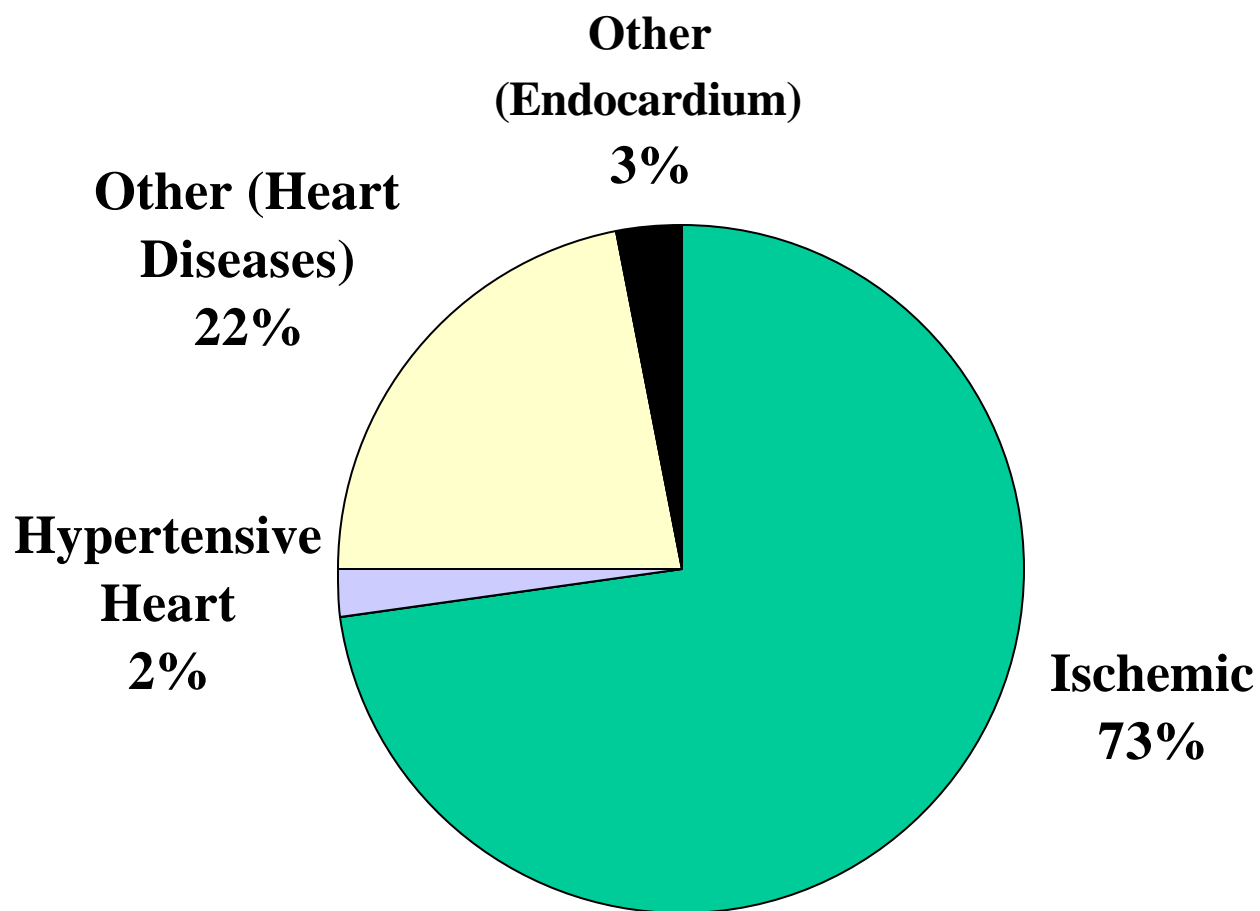


Ischemic Heart Disease Deaths

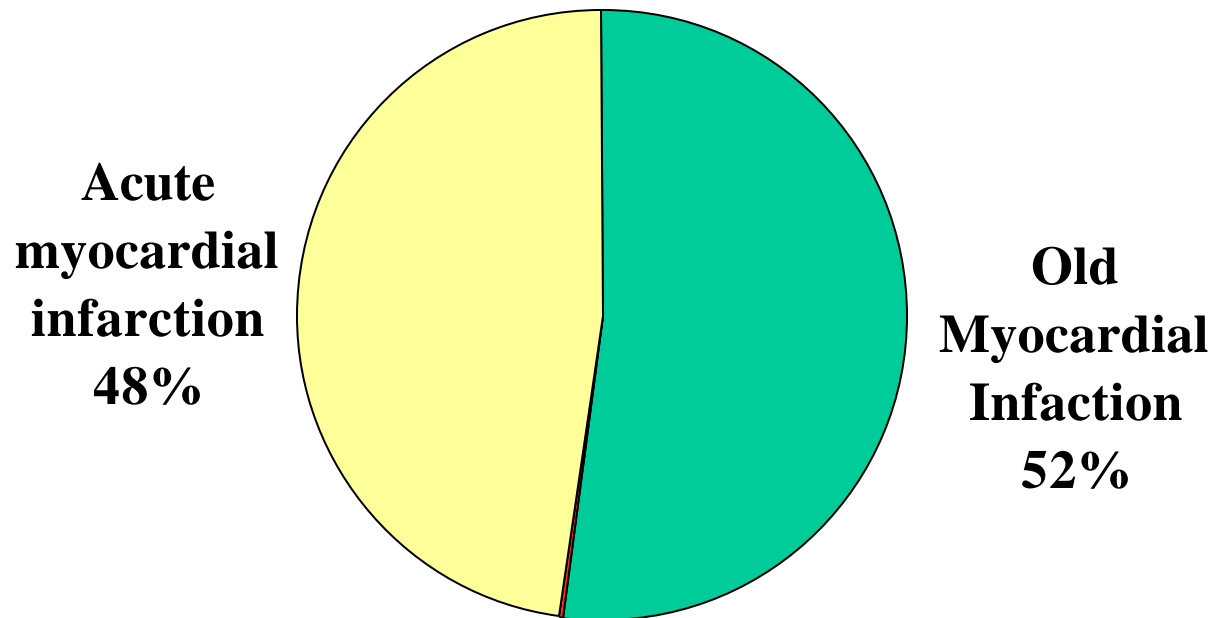
Tracking Healthy People 2010 Objective



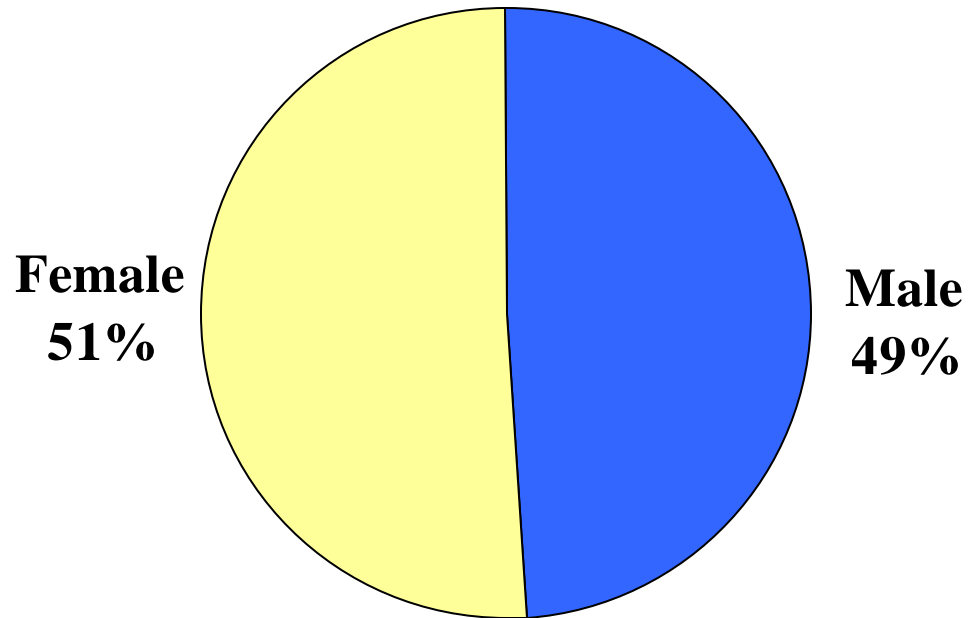
Sandusky County Heart Diseases Death Breakdowns, 1990-1998



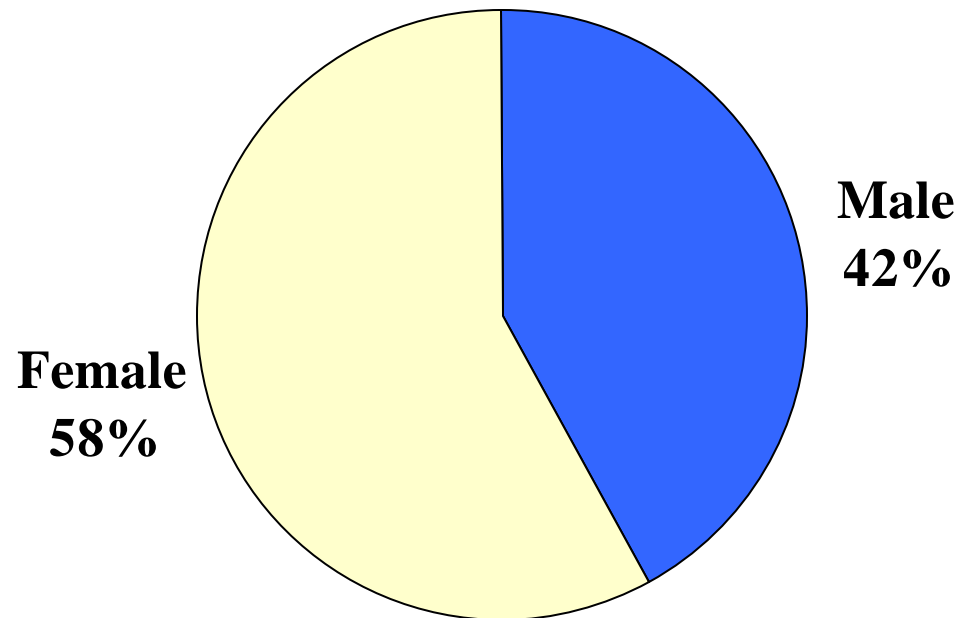
Sandusky County Ischemic Heart Disease Death Breakdown, 1990-1998



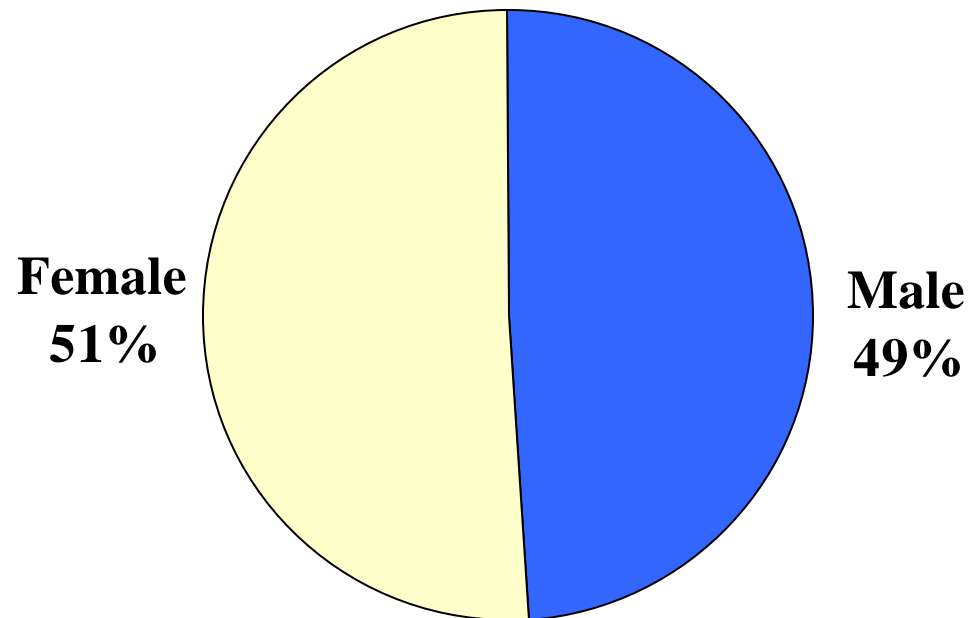
Sandusky County Heart Disease Deaths, 1990-1998



Sandusky County Black Heart Disease Deaths, 1990-1998



Sandusky County White Heart Disease Deaths, 1990-1998

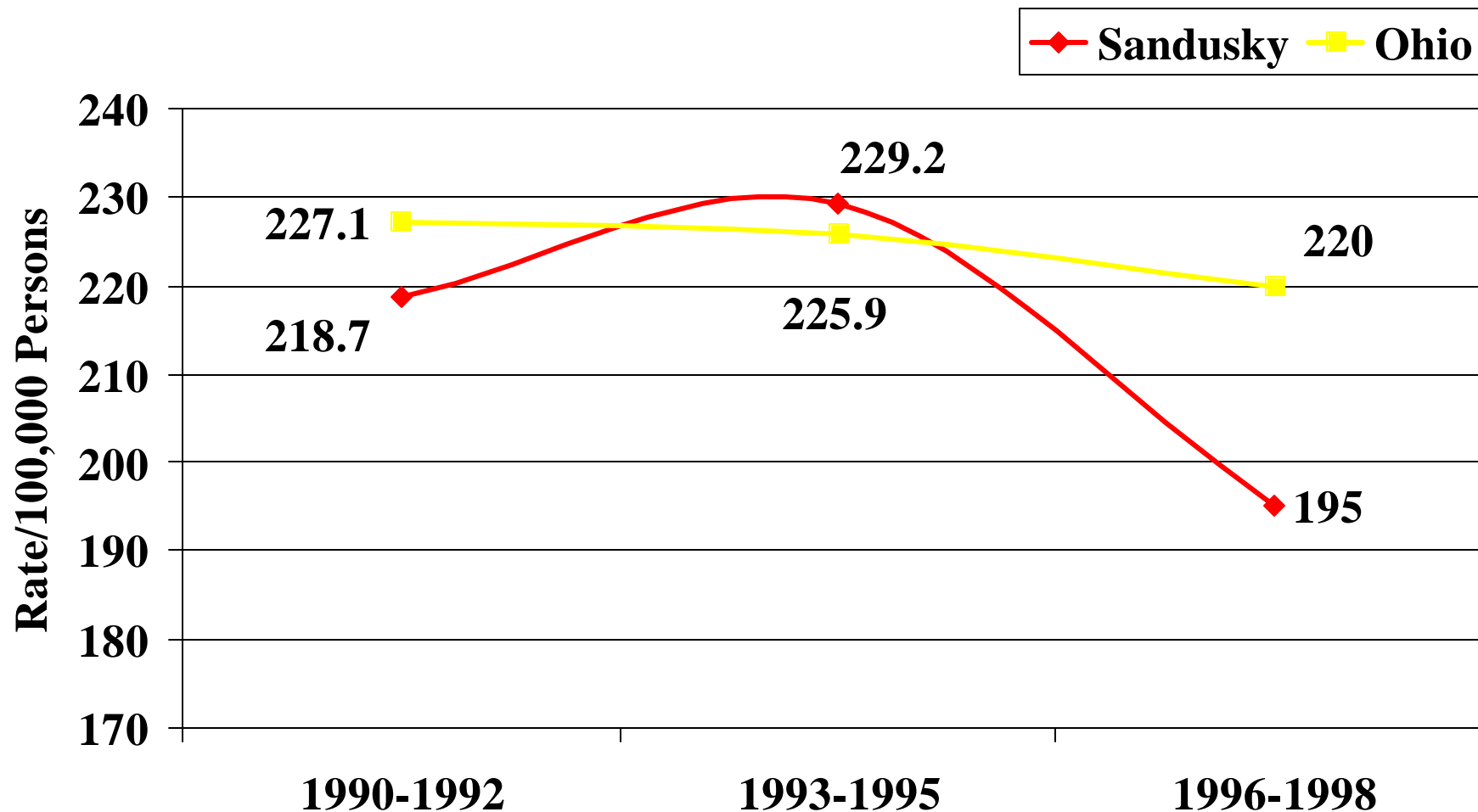


Cancer Mortality

Compiled for Health Partners by
Fall 2001



Sandusky County Cancer Related Deaths Age-Adjusted to 2000 Standard, 1990-1998



Source: ODH Vital Statistics, 2001

Compiled for Health Partners by
Fall 2001



Sandusky County Leading Causes of Cancer Death, 1990-1998

Males

1. Lung (217)
2. Prostate (94)
3. Other & Unspecified Sites (59)
4. Colon (49)
5. Lymphomas (30)
6. Pancreas (29)

Females

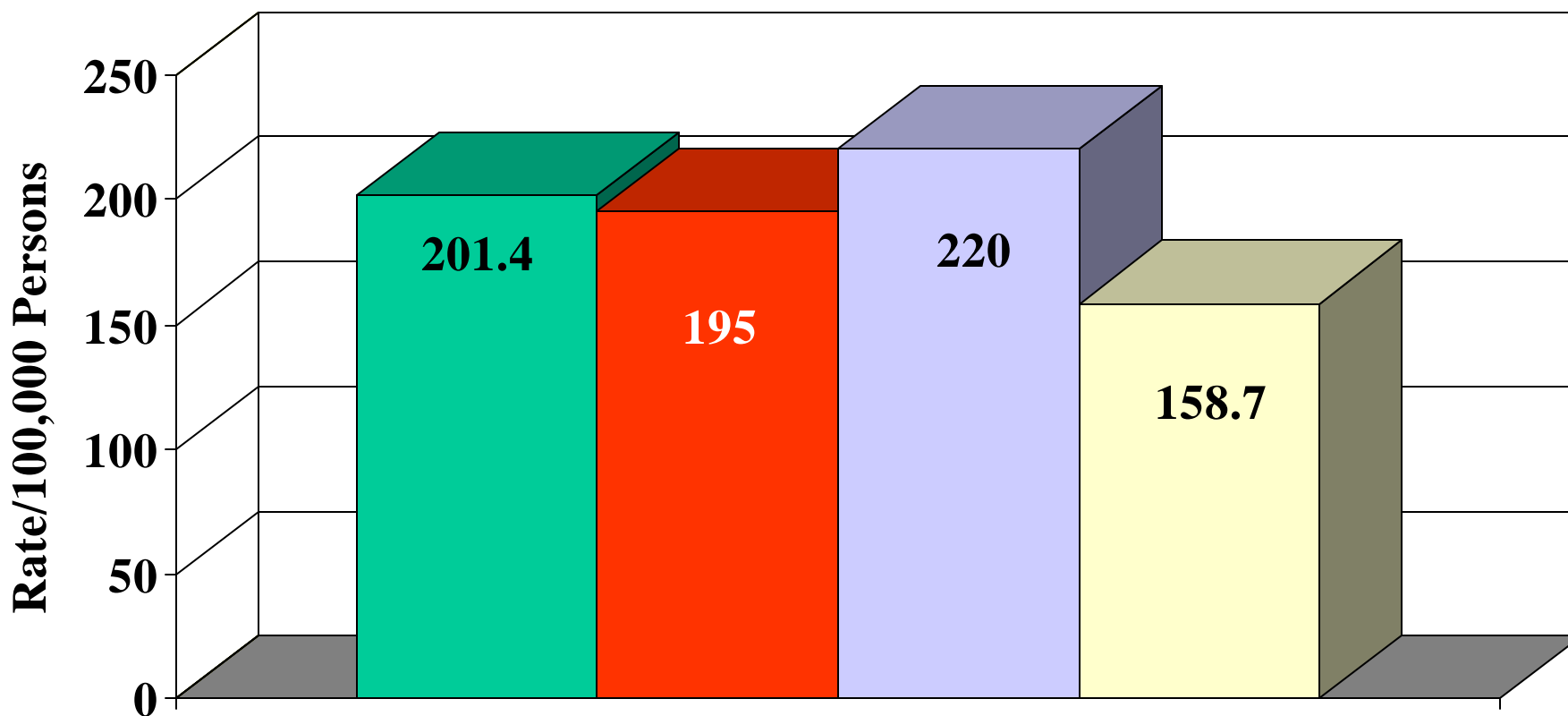
1. Breast (110)
2. Lung (109)
3. Colon (57)
4. Other & Unspecified Sites (54)
5. Pancreas (38)
6. Ovary (33)



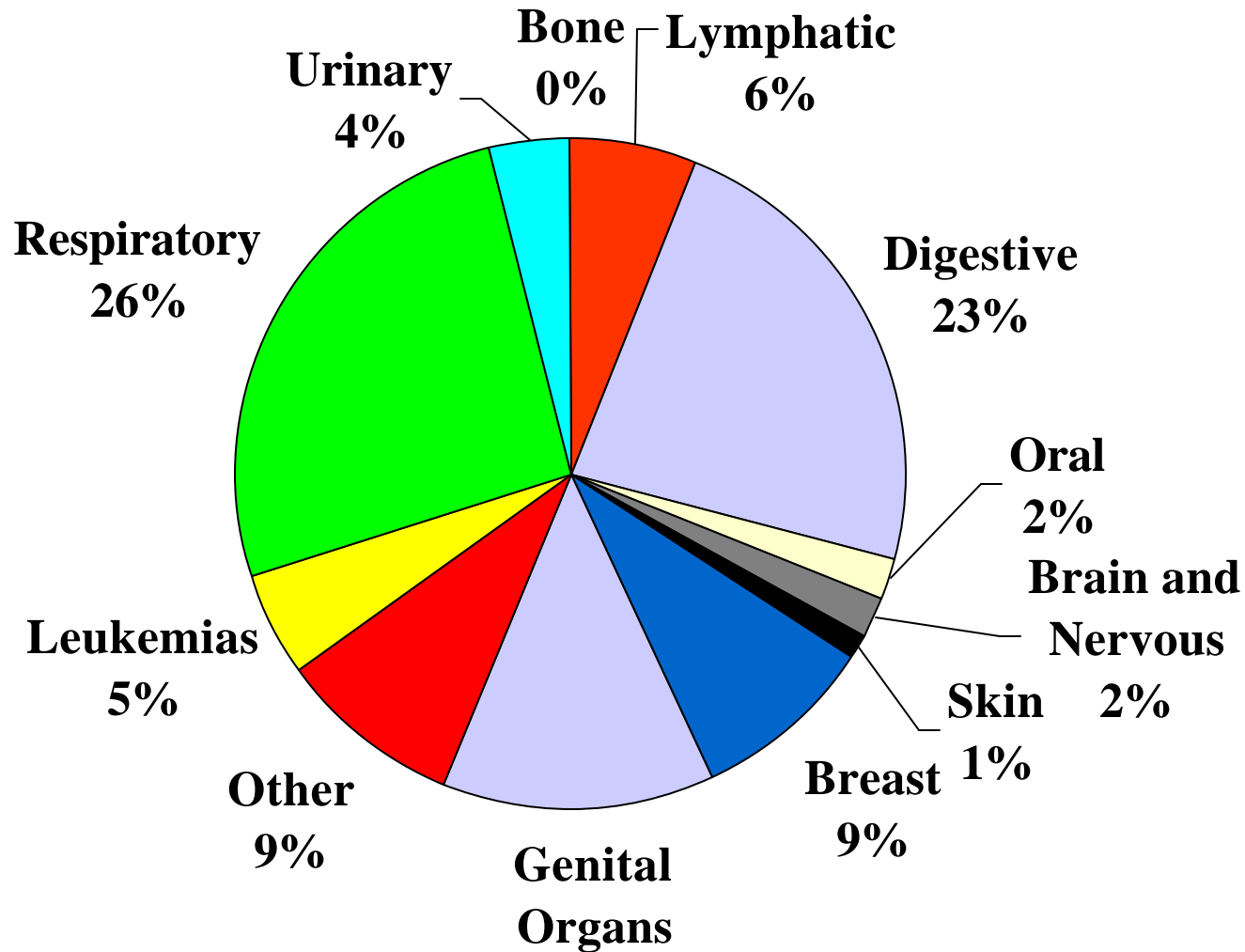
Cancer Deaths

Tracking Healthy People 2010 Objective

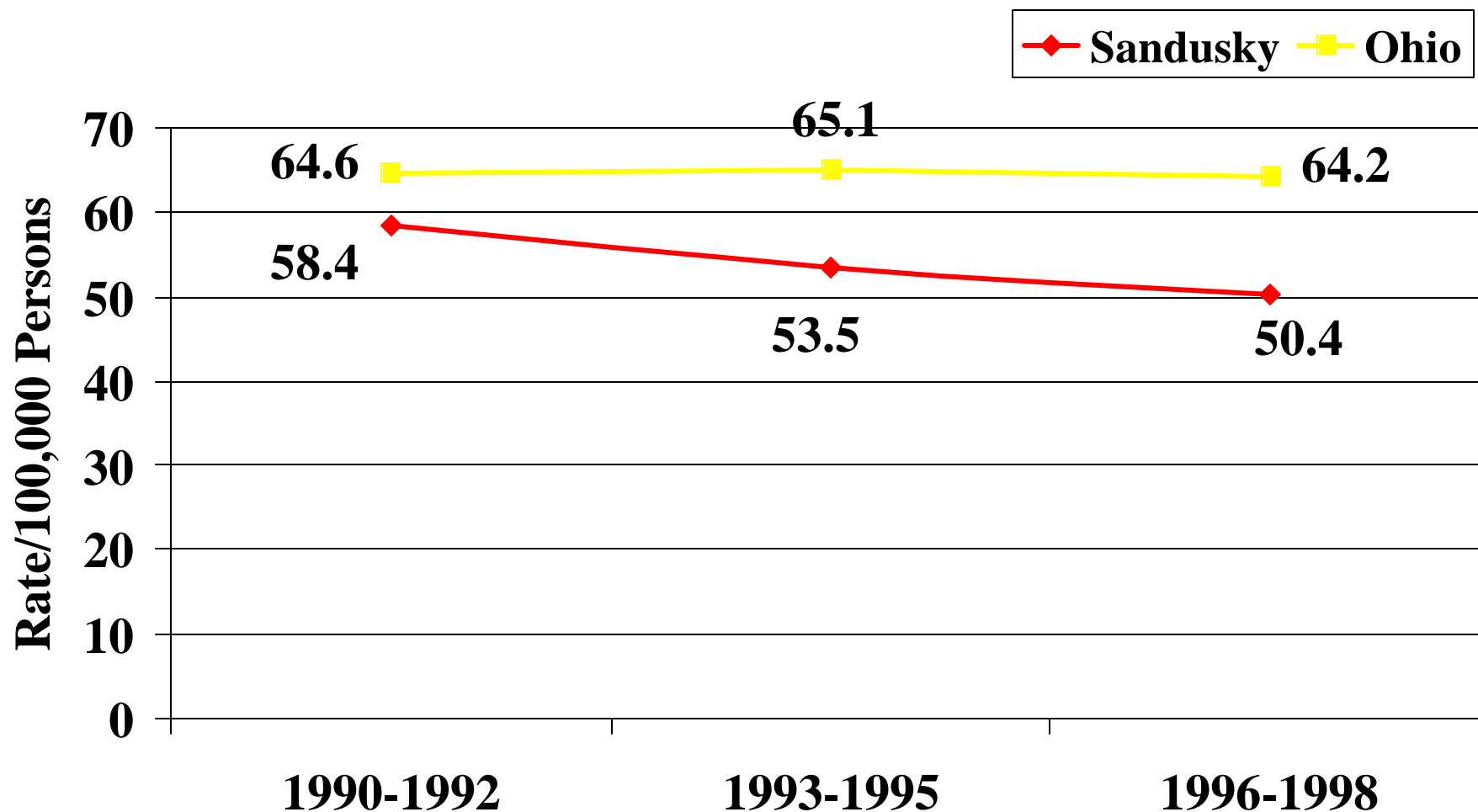
■ US 1998 Baseline ■ Sandusky 1996-1998
■ Ohio 1996-1998 ■ HP 2010 Target



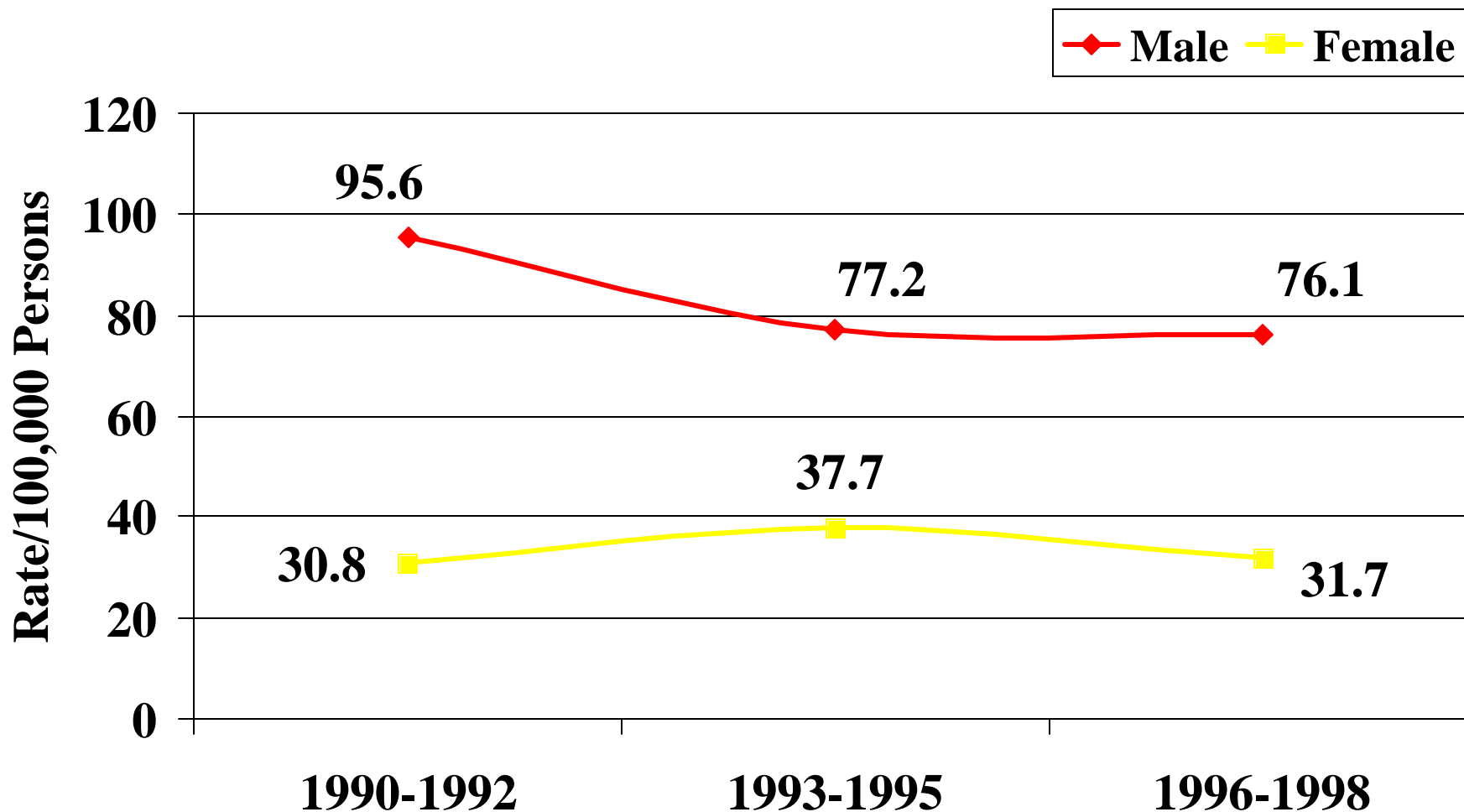
Sandusky County Cancer Deaths By Type, 1990-1998



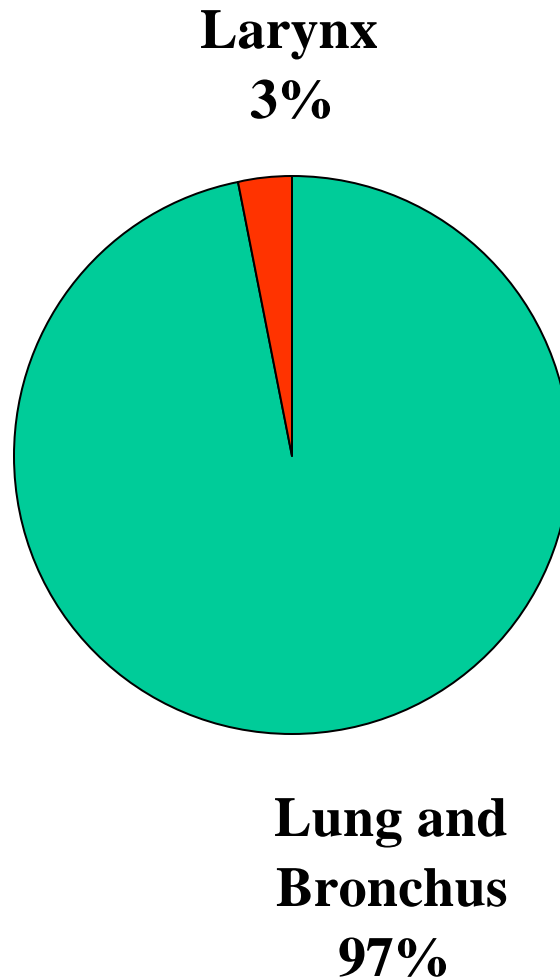
Sandusky Lung Cancer Related Deaths Age-Adjusted to 2000 Standard, 1990-1998



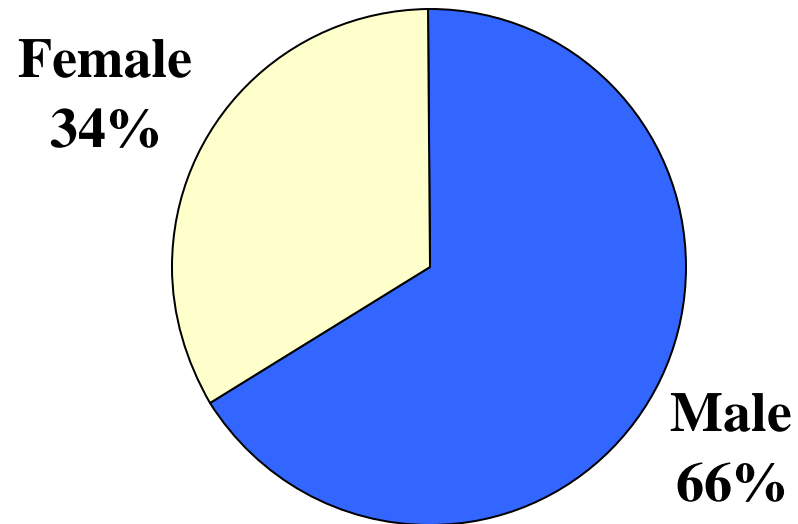
Sandusky Lung Cancer Related Deaths Age-Adjusted to 2000 Standard, 1990-1998



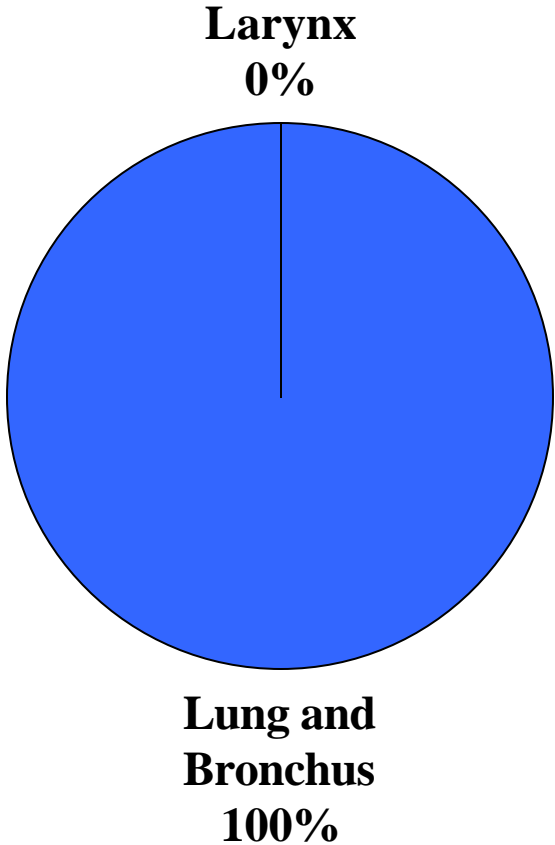
Sandusky County Respiratory Cancer Deaths, 1990-1998



Sandusky County Respiratory System Cancer Deaths According to Gender, 1990-1998



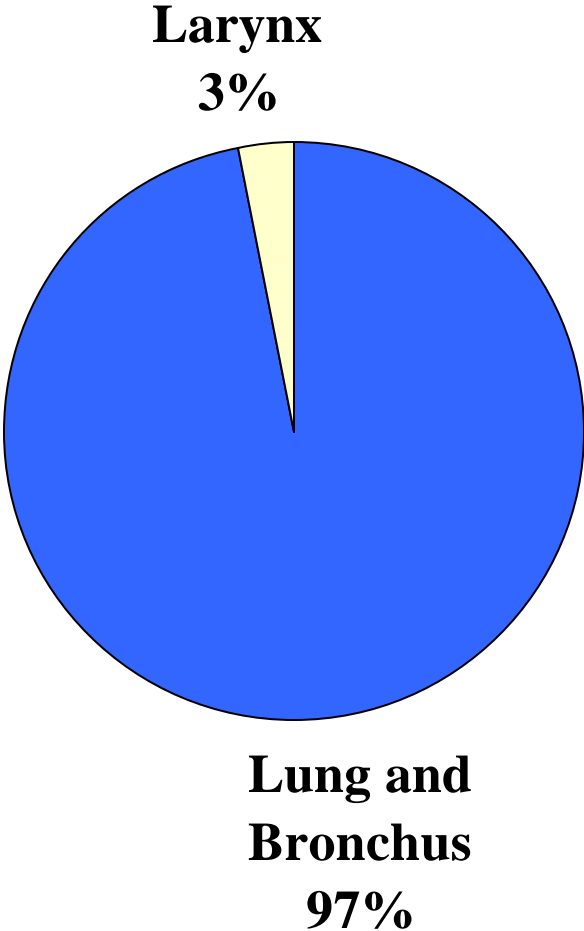
Sandusky County Female Respiratory System Cancer Deaths, 1990-1998



Source: ODH Data Warehouse, 2001



Sandusky County Male Respiratory System Cancer Deaths, 1990-1998

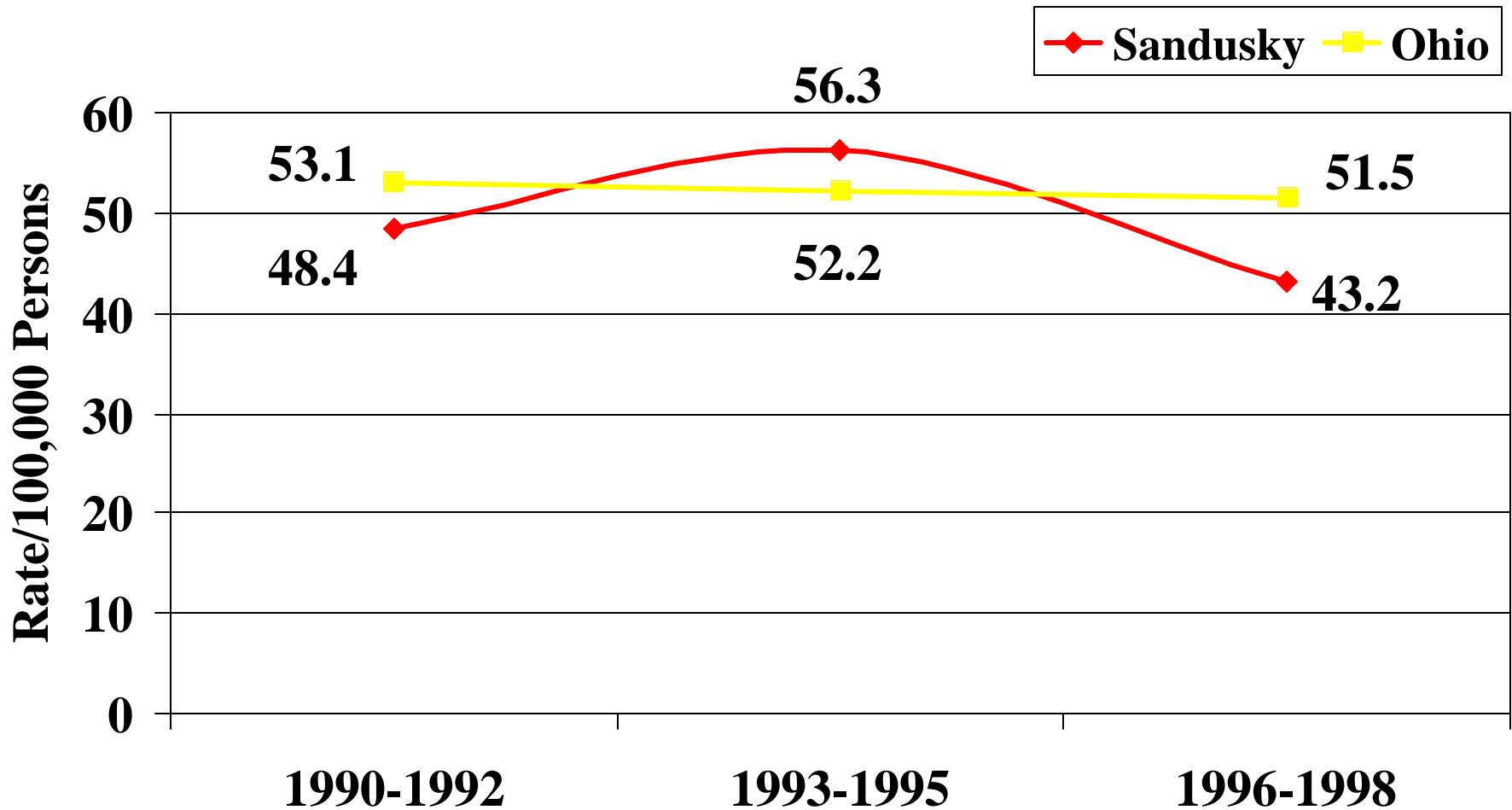


Source: ODH Data Warehouse, 2001

Compiled for Health Partners by
Fall 2001



Sandusky Digestive Cancer Related Deaths Age-Adjusted to 2000 Standard, 1990-1998

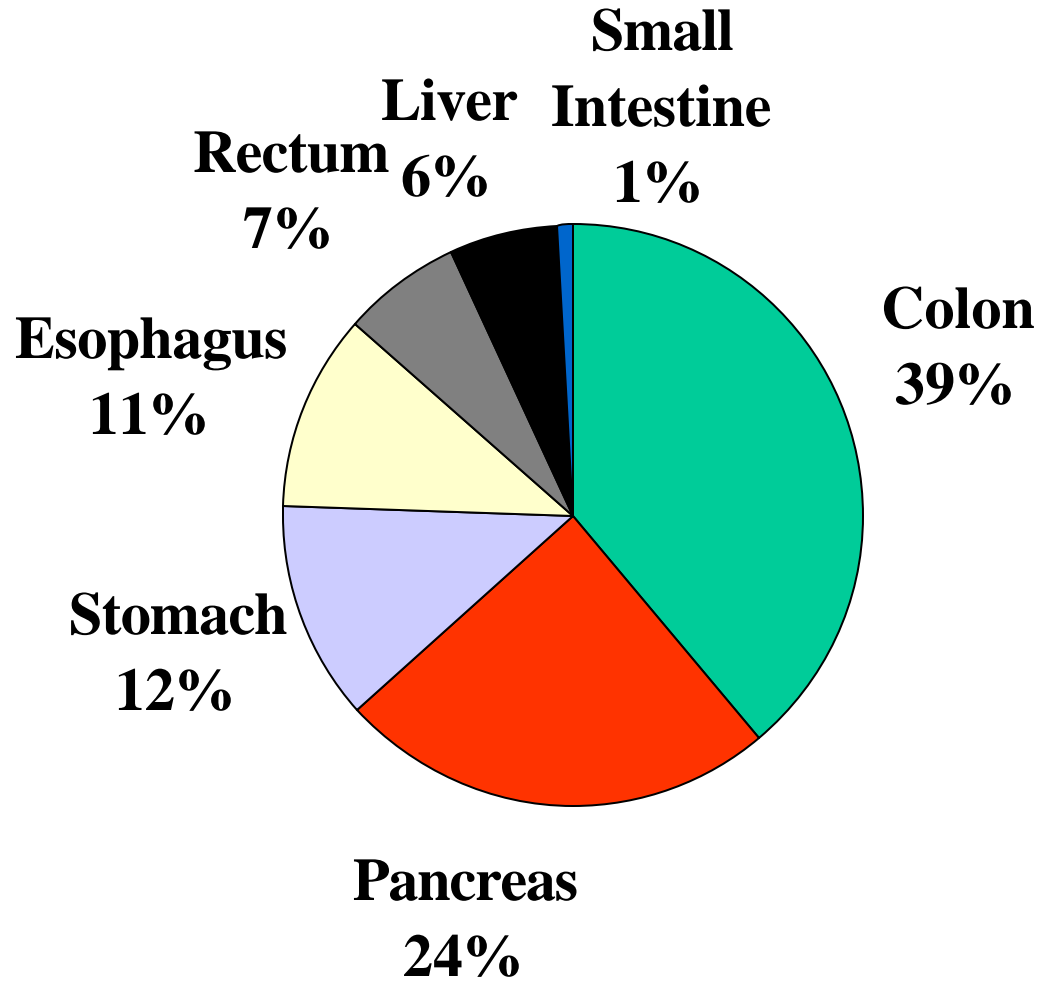


Source: ODH Vital Statistics, 2001

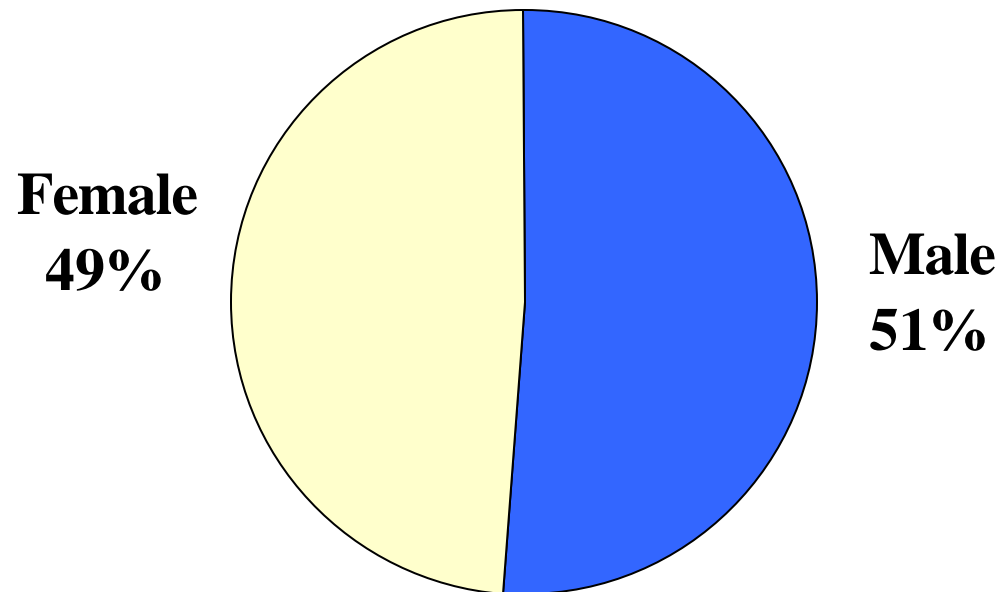
Compiled for Health Partners by
Fall 2001



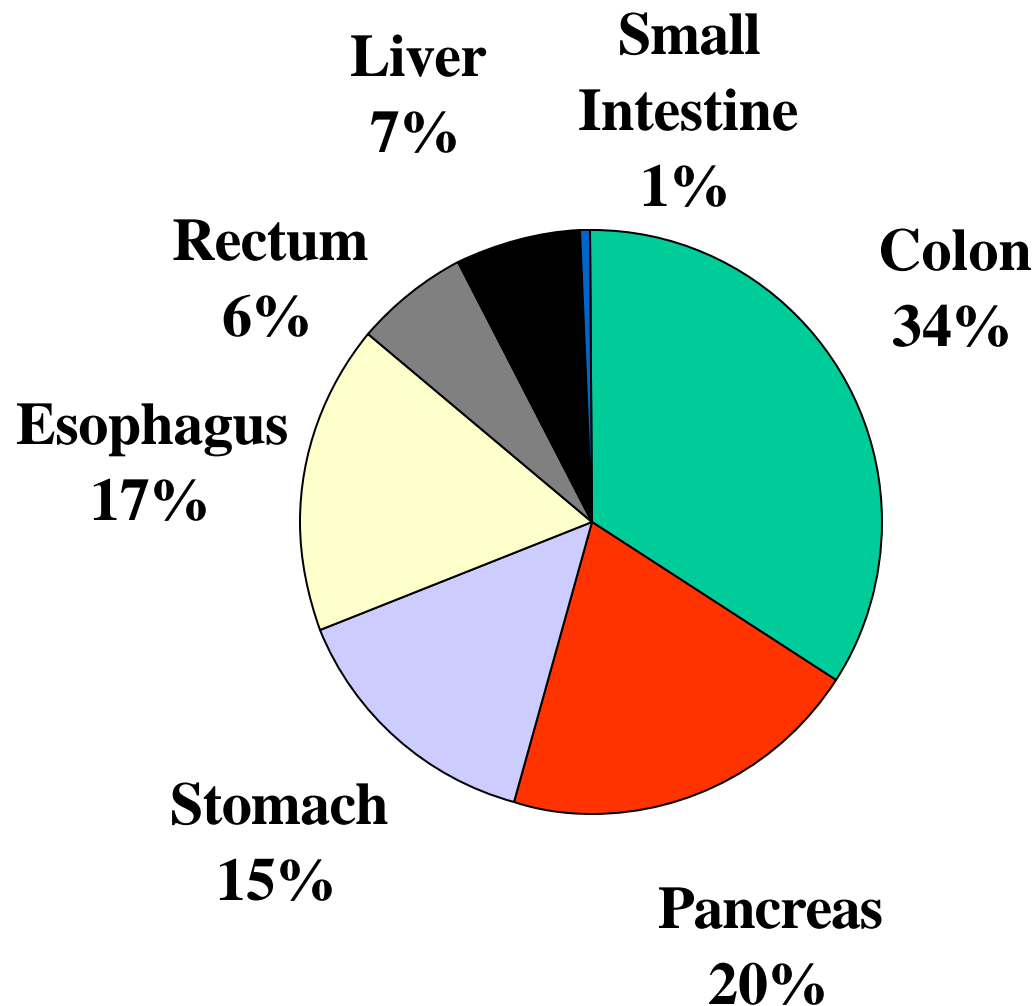
Sandusky County Digestive Cancer Deaths, 1990-1998



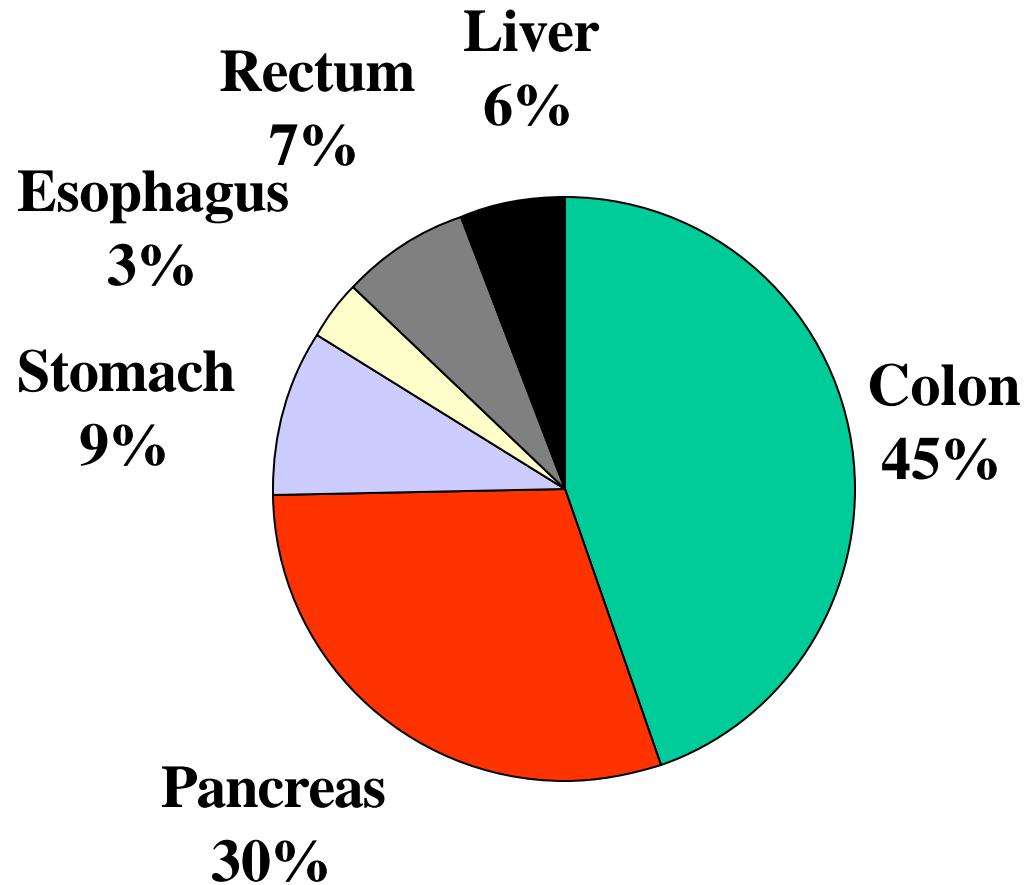
Sandusky County Digestive Cancer Deaths According to Gender, 1990-1998



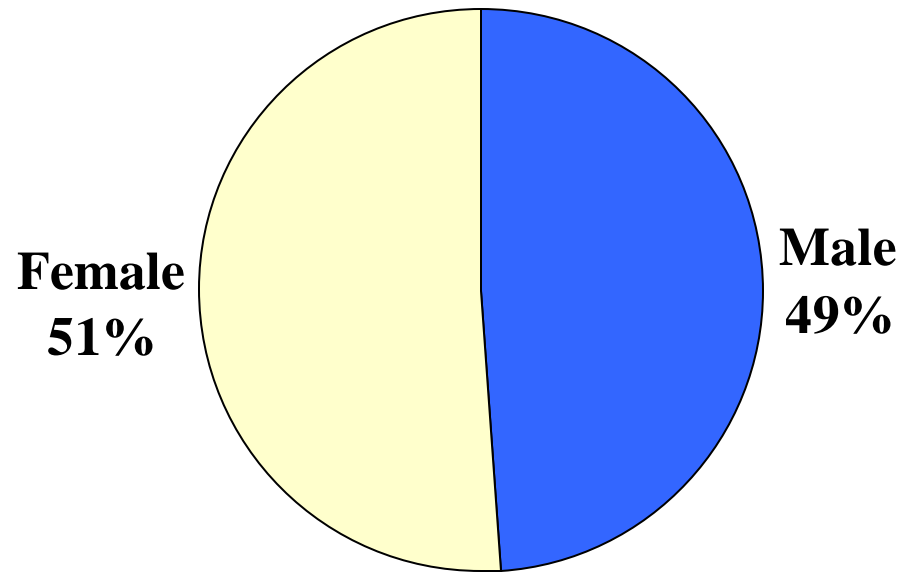
Sandusky County Male Digestive Cancer Deaths, 1990-1998



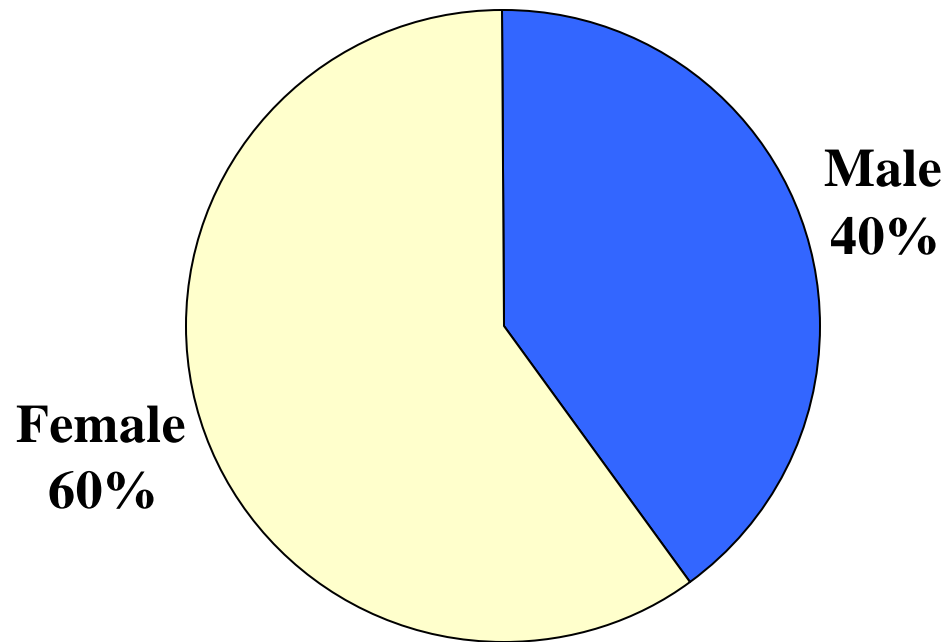
Sandusky County Female Digestive Cancer Deaths, 1990-1998



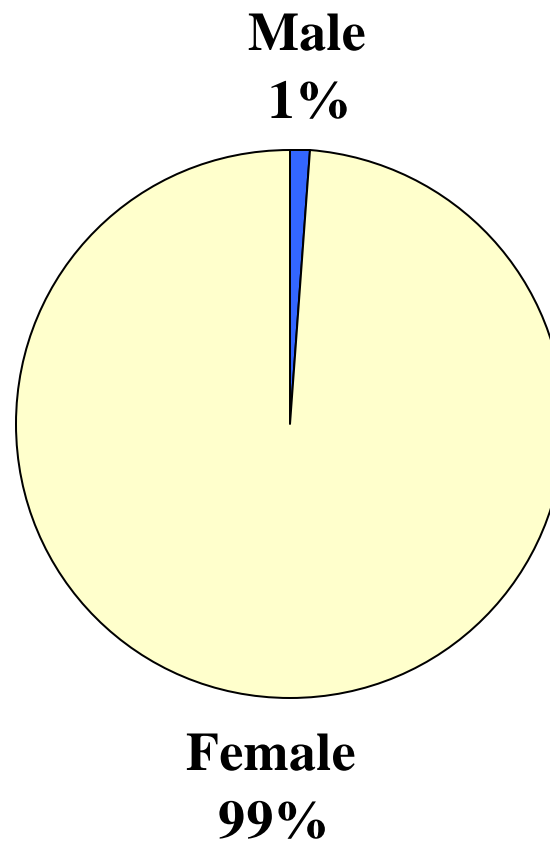
Sandusky County Leukemia Cancer Deaths According to Gender, 1990-1998



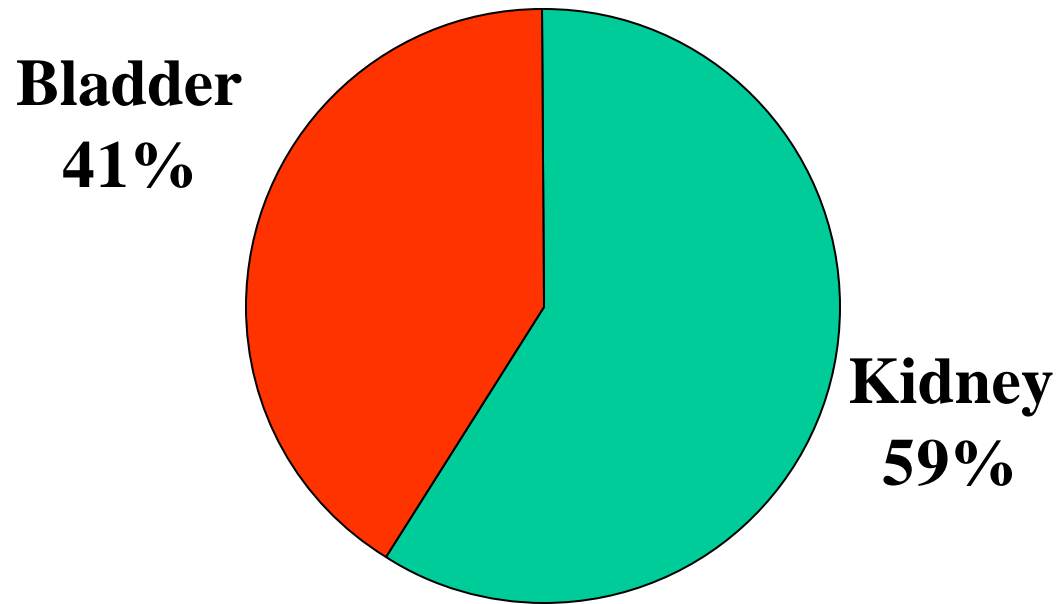
Sandusky County Brain and Nervous System Cancer Deaths According to Gender, 1990-1998



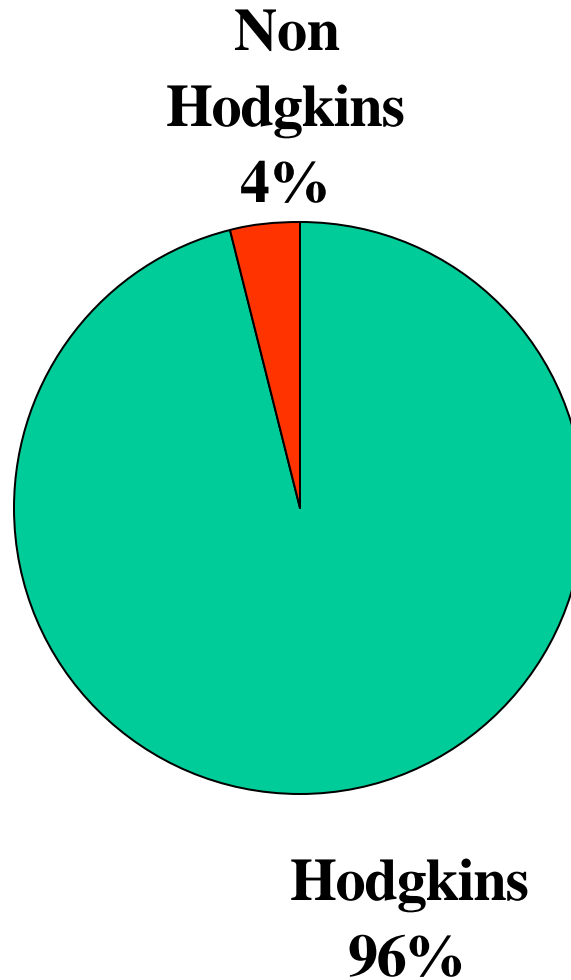
Sandusky County Breast Cancer Deaths According to Gender, 1990-1998



Sandusky County Urinary Cancer Deaths, 1990-1998

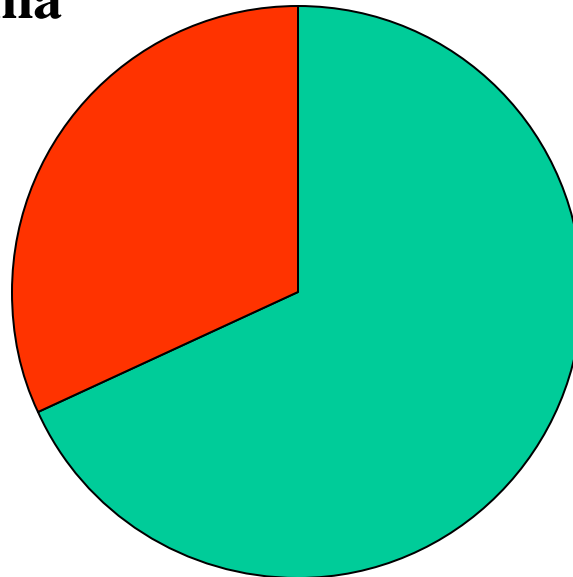


Sandusky County Lymphoma Cancer Deaths, 1990-1998



Sandusky County Other Lymphatic and Hematopoietic Cancer Deaths, 1990-1998

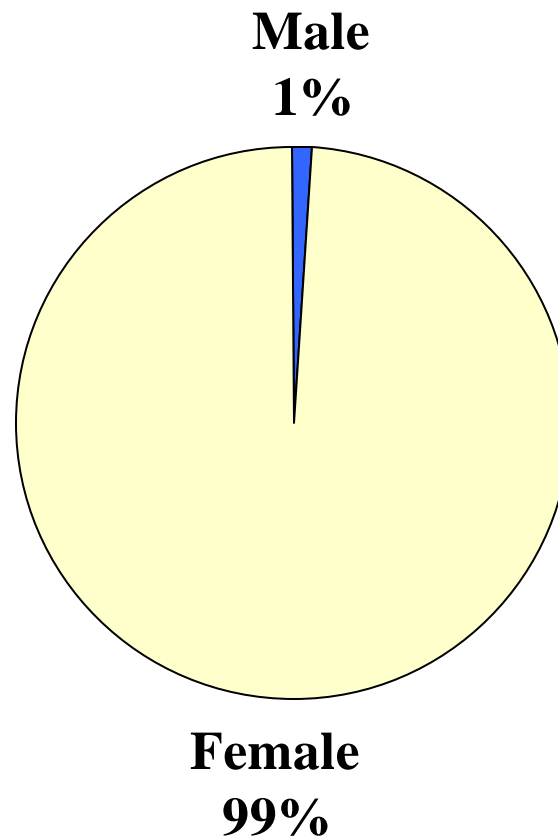
**Multiple
Myeloma
32%**



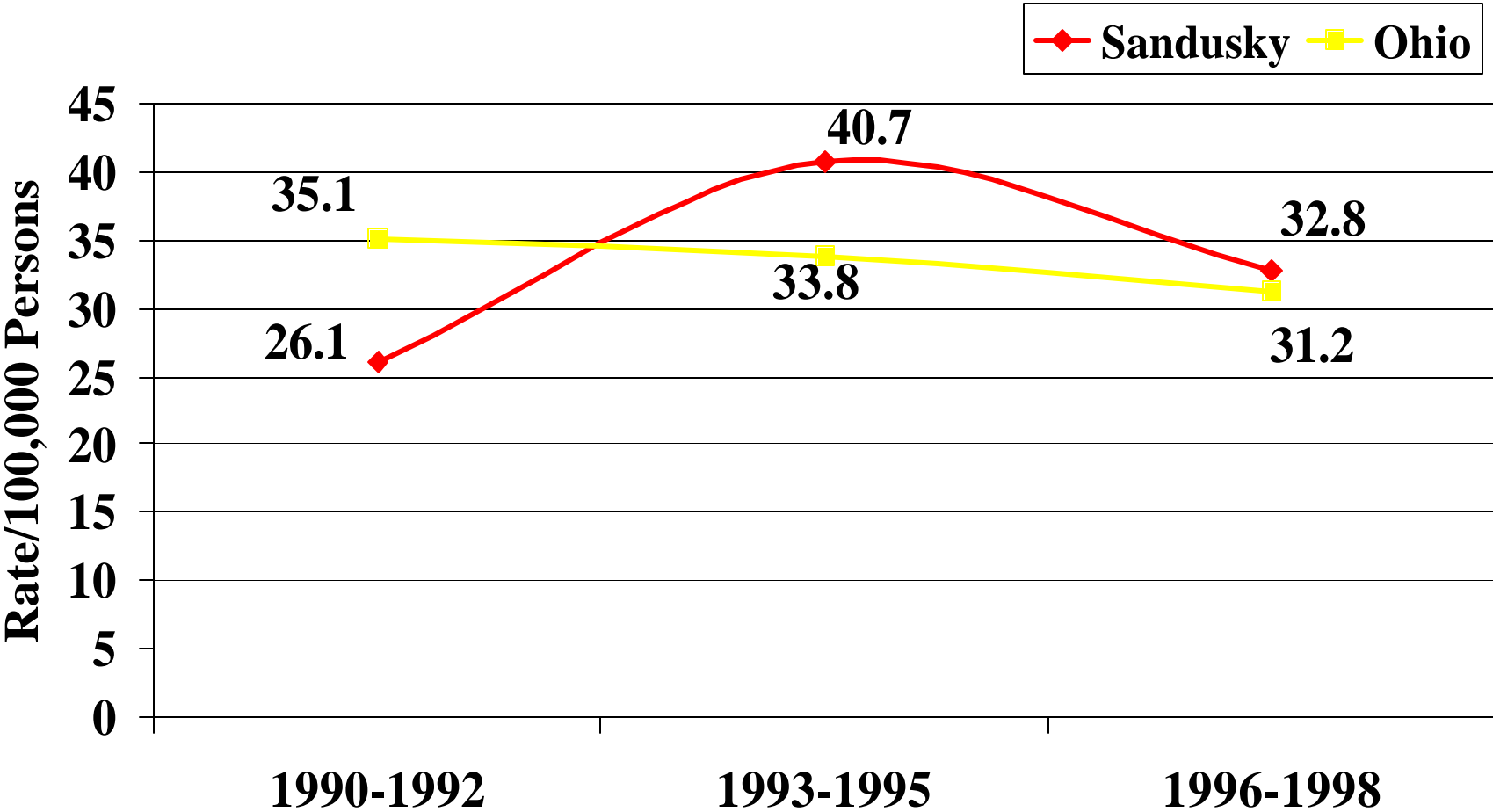
**Lymphomas
68%**



Sandusky County Breast Cancer Deaths According to Gender, 1990-1998



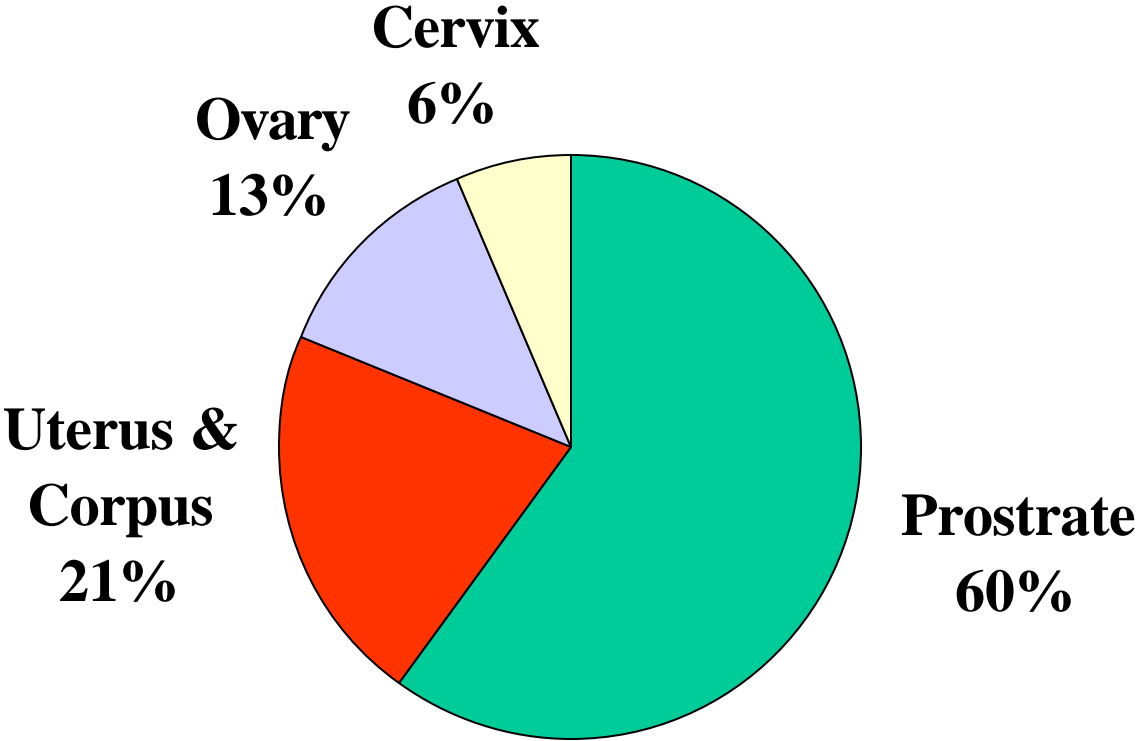
Sandusky Female Breast Cancer Related Deaths Age-Adjusted to 2000 Standard, 1990-1998



Source: ODH Vital Statistics, 2001



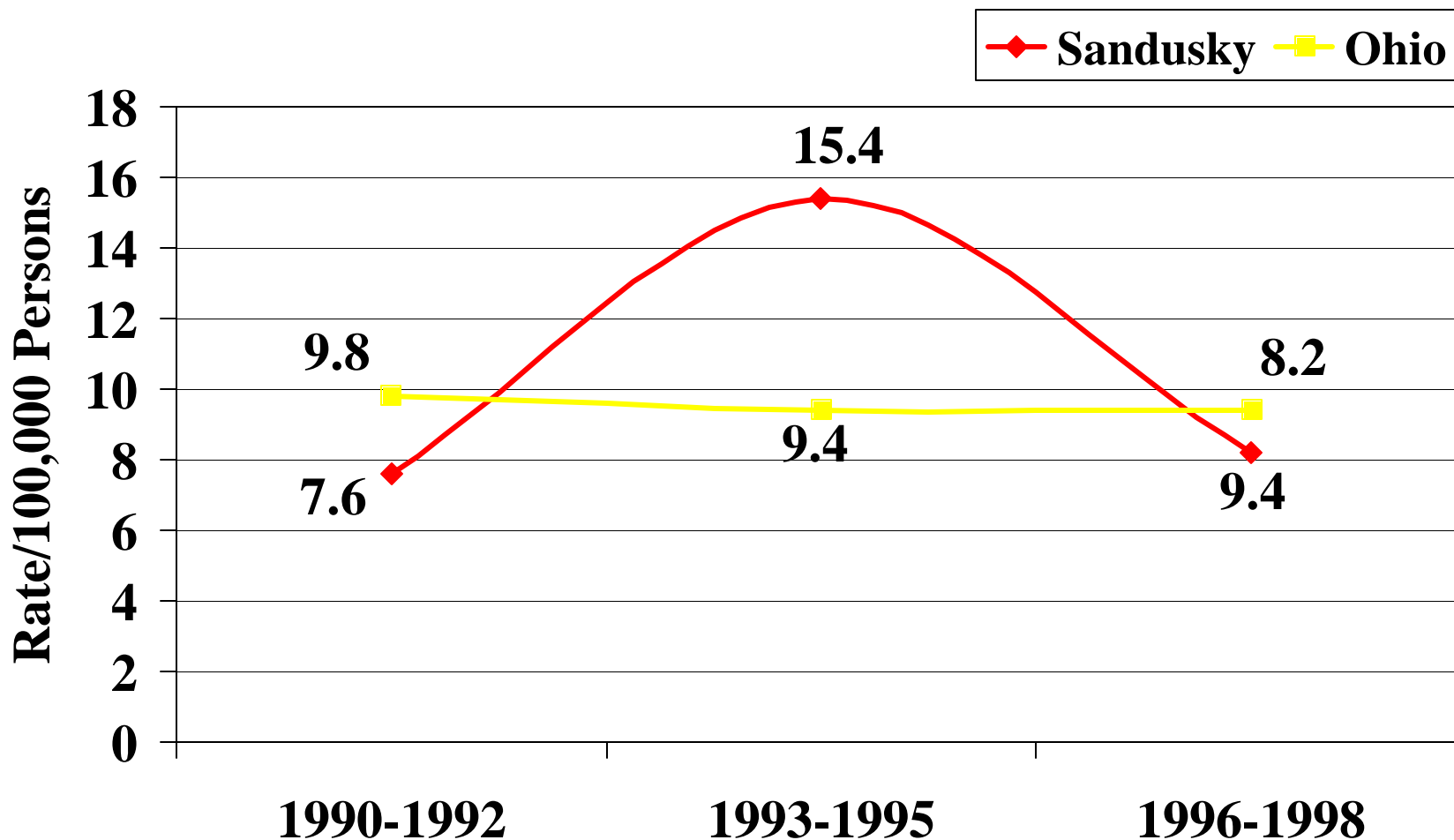
Sandusky County Genital Organ Cancer Deaths, 1990-1998



Source: ODH Vital Statistics, 2001



Sandusky Ovarian Cancer Related Deaths Age-Adjusted to 2000 Standard, 1990-1998

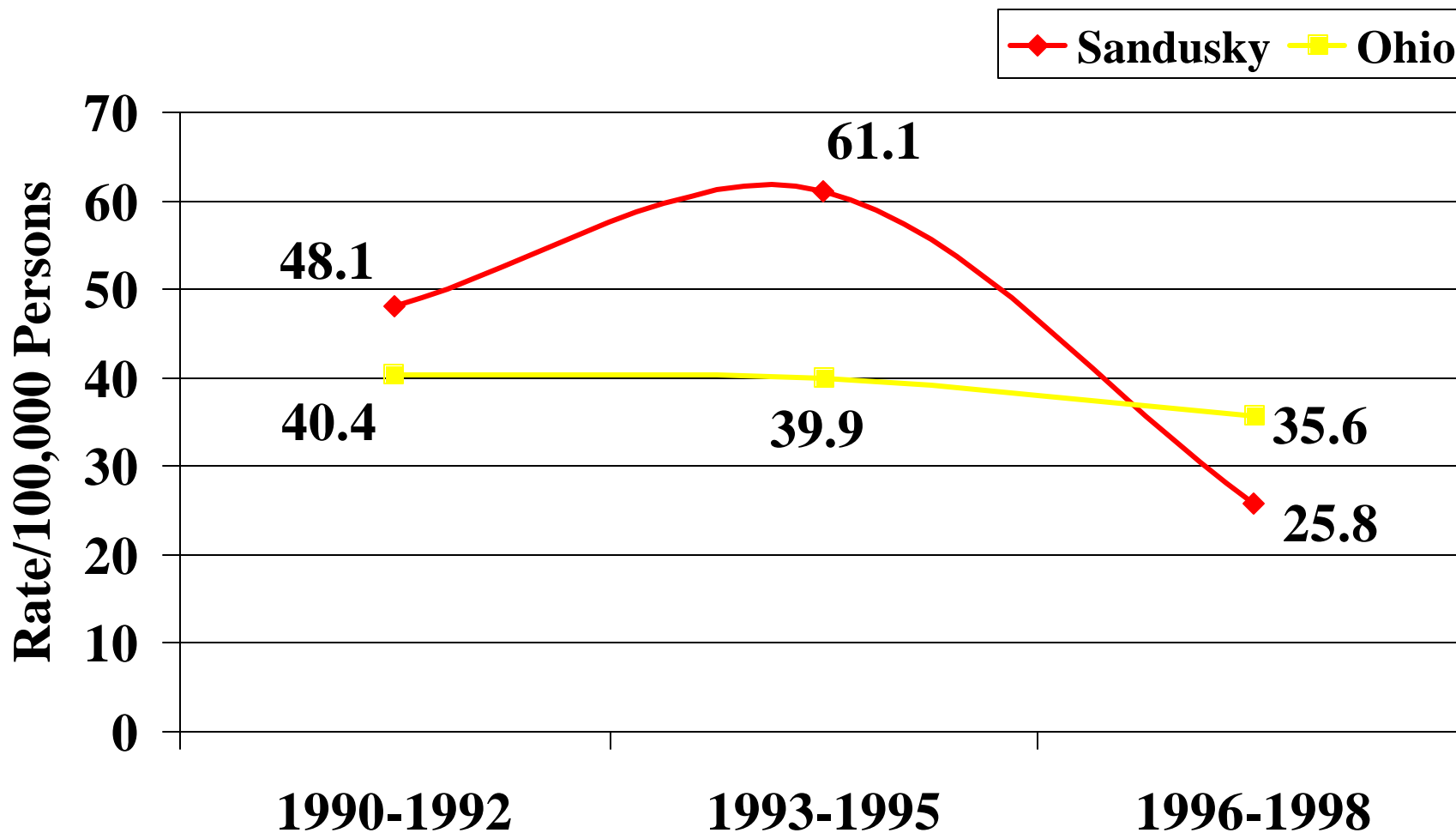


Source: ODH Vital Statistics, 2001

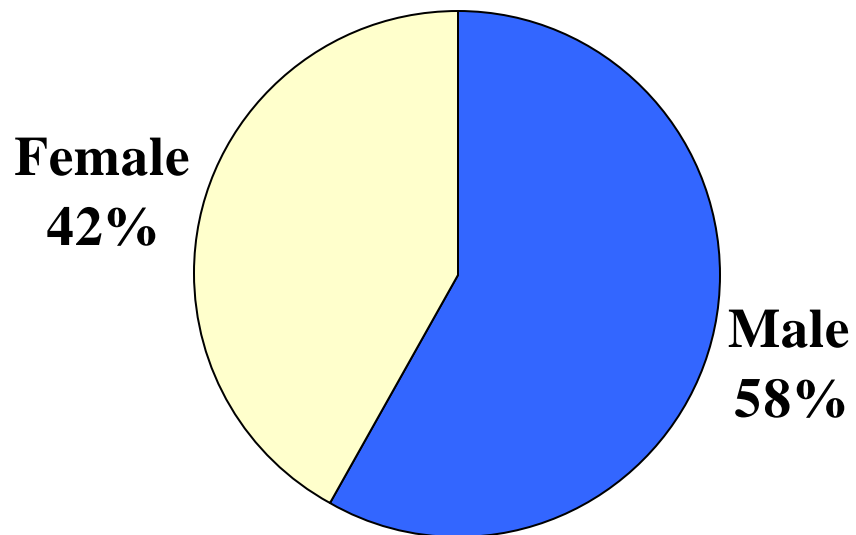
Compiled for Health Partners by
Fall 2001



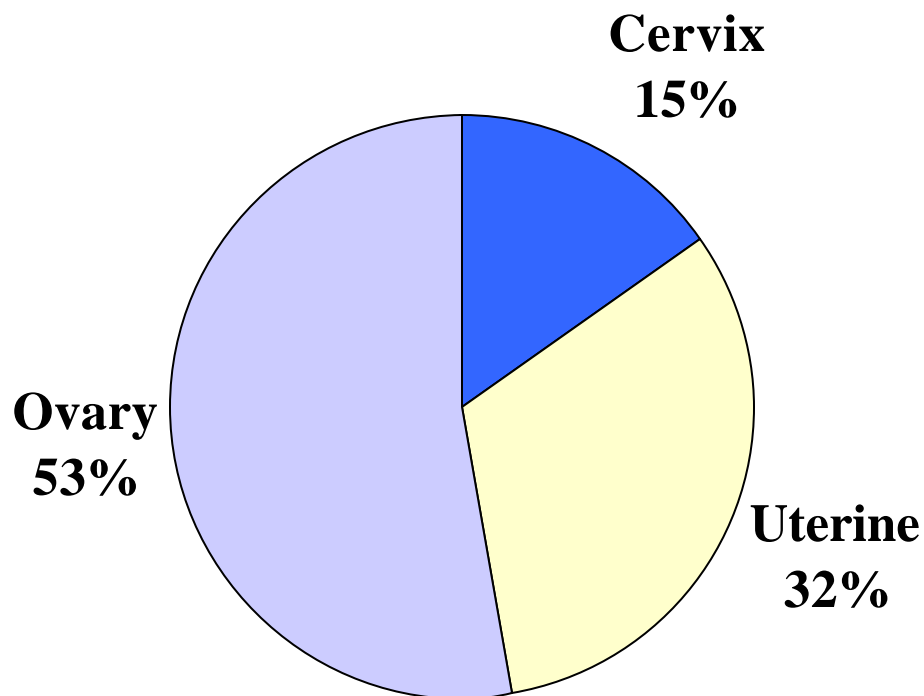
Sandusky Prostate Cancer Related Deaths Age-Adjusted to 2000 Standard, 1990-1998



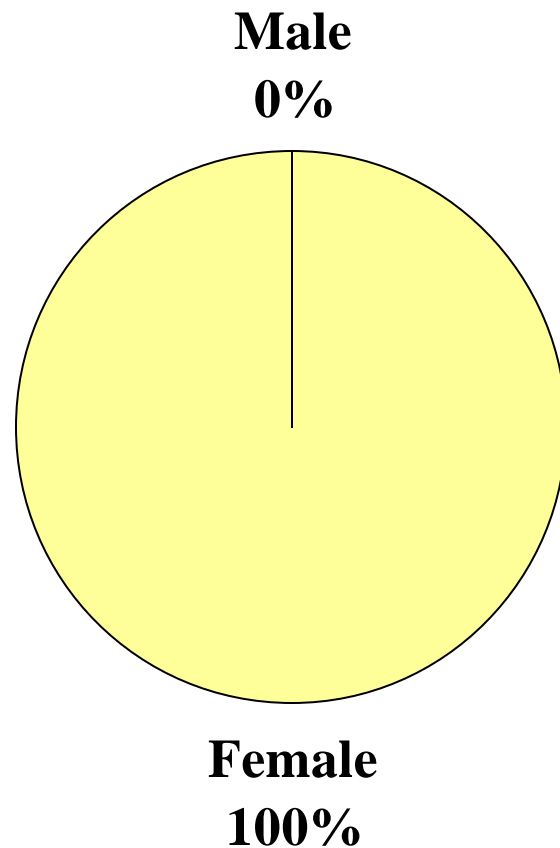
Sandusky County Genital Organ Cancer Deaths According to Gender, 1990-1998



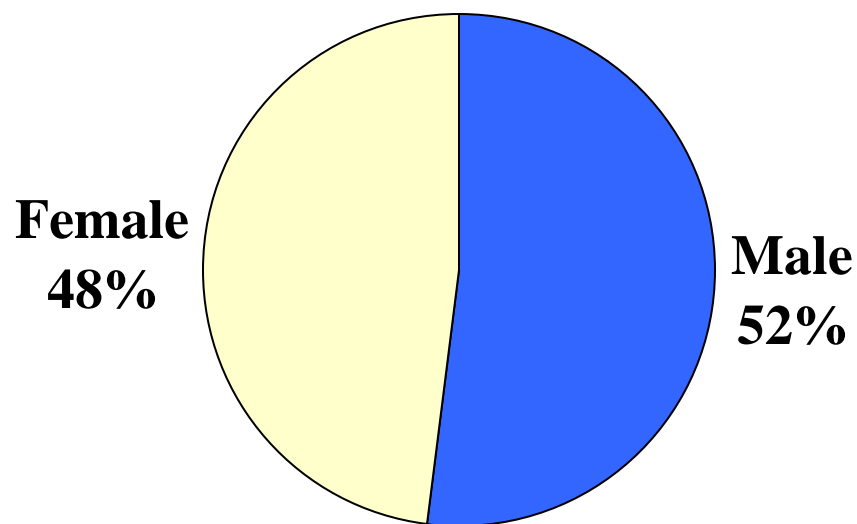
Sandusky County Genital Organ Cancer Deaths Breakdown (Female), 1990-1998



Sandusky County Bone and Joint Cancer Deaths According to Gender, 1990-1998



Sandusky County Other and Unspecified Site Cancer Deaths According to Gender, 1990-1998

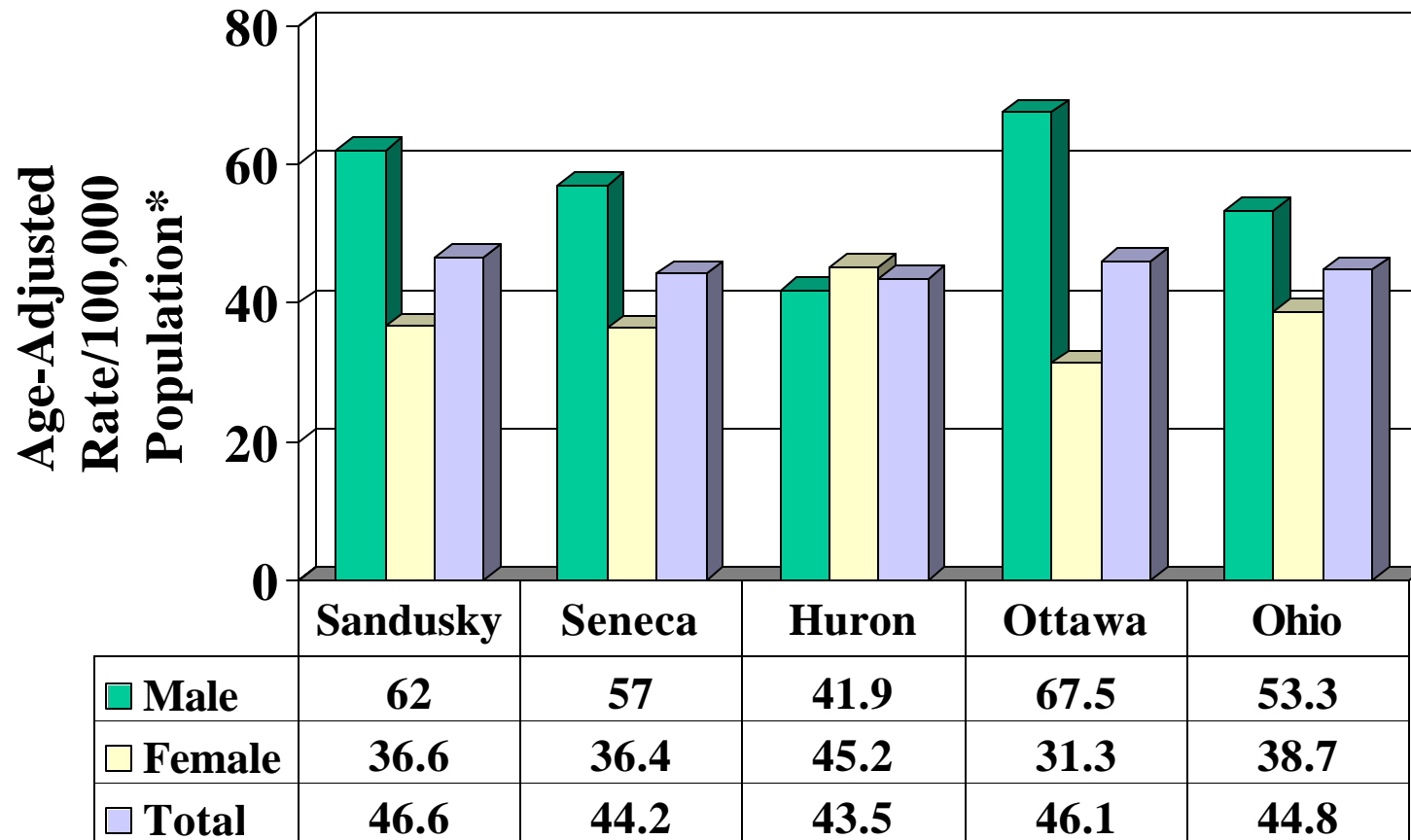


Cancer Incidence

Compiled for Health Partners by
Fall 2001



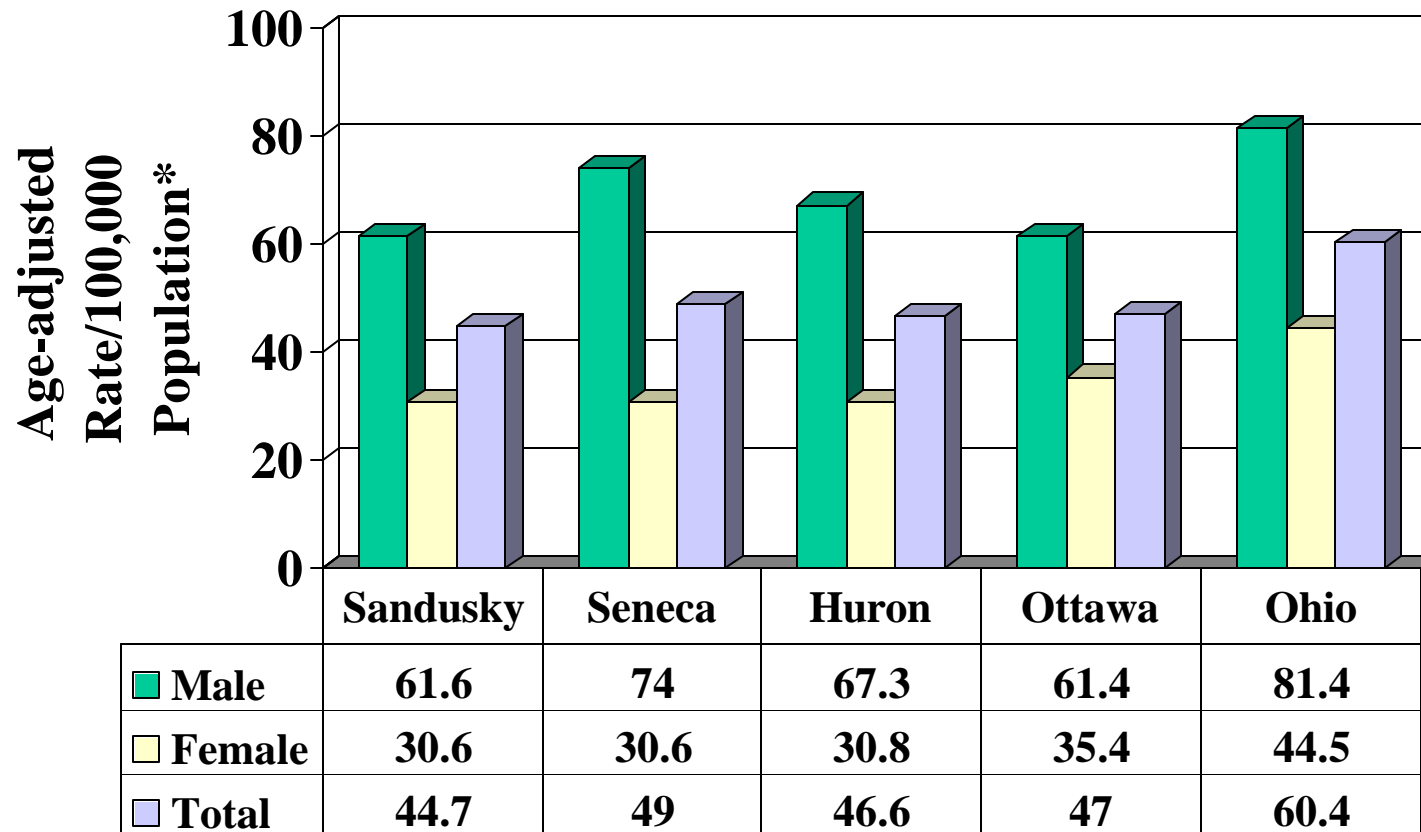
Sandusky County Newly Diagnosed Invasive Cases of Cancer of the Colon and Rectum, 1996



*** 2000 Population Standard**



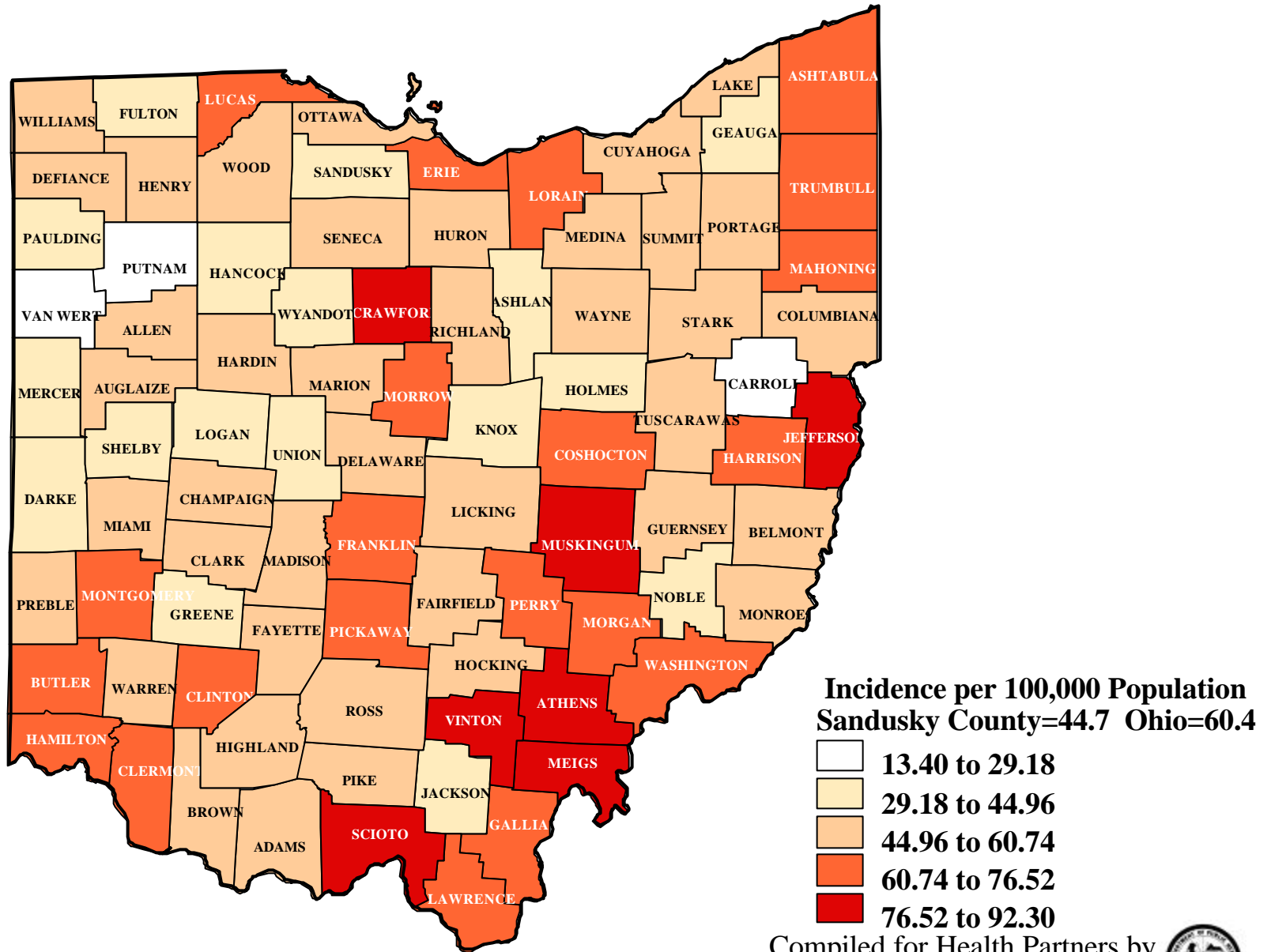
Sandusky County Newly Diagnosed Invasive Cases of Cancer of the Lung and Bronchus, 1996



* 2000 Population Standard



Total Lung Cancer Incidence 1996

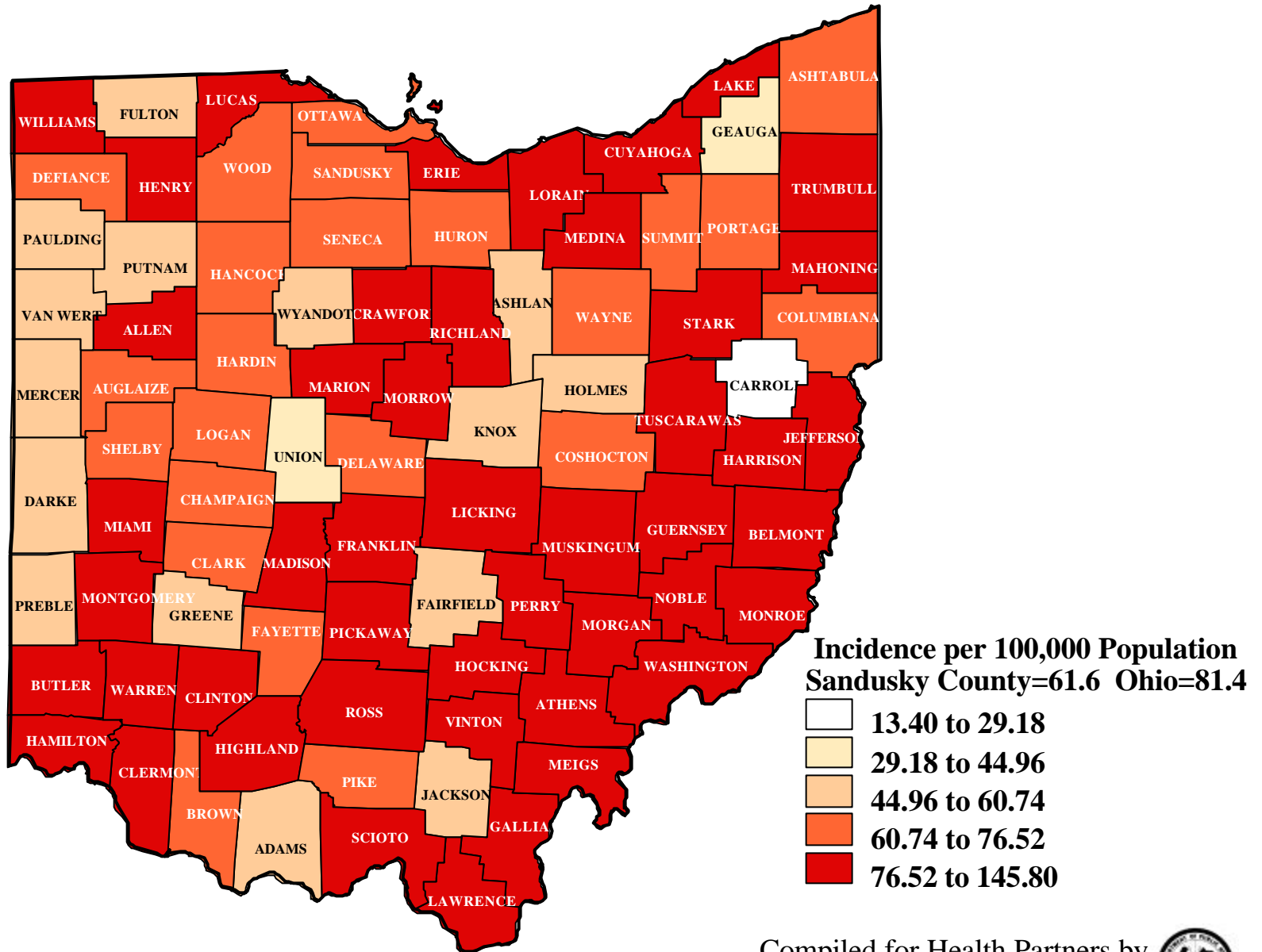


Source: ODH Vital Statistics, 1998

Compiled for Health Partners by
 Fall 2001



Male Lung Cancer Incidence 1996

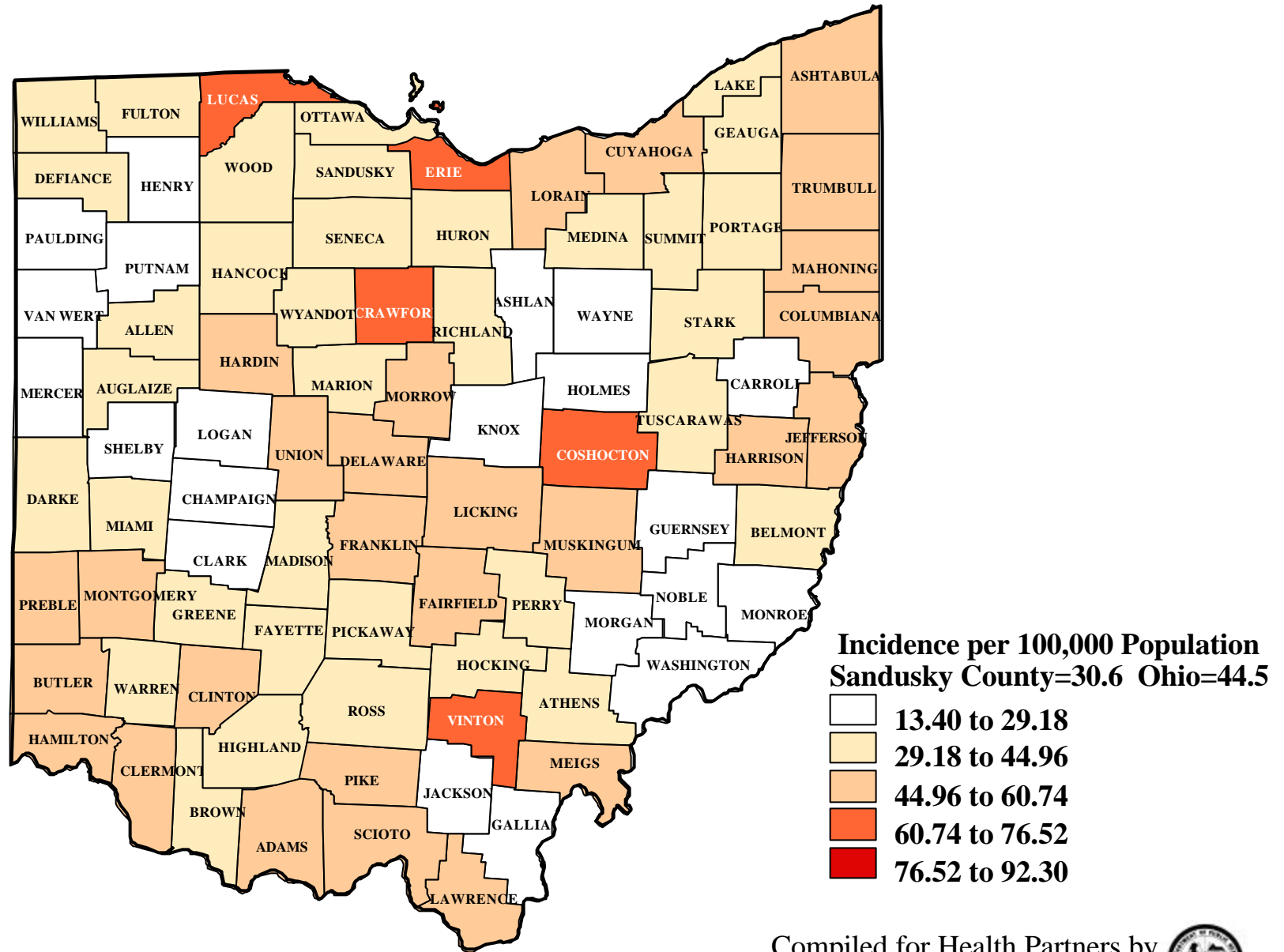


Source: ODH Vital Statistics, 1998

Compiled for Health Partners by
 Fall 2001



Female Lung Cancer Incidence 1996

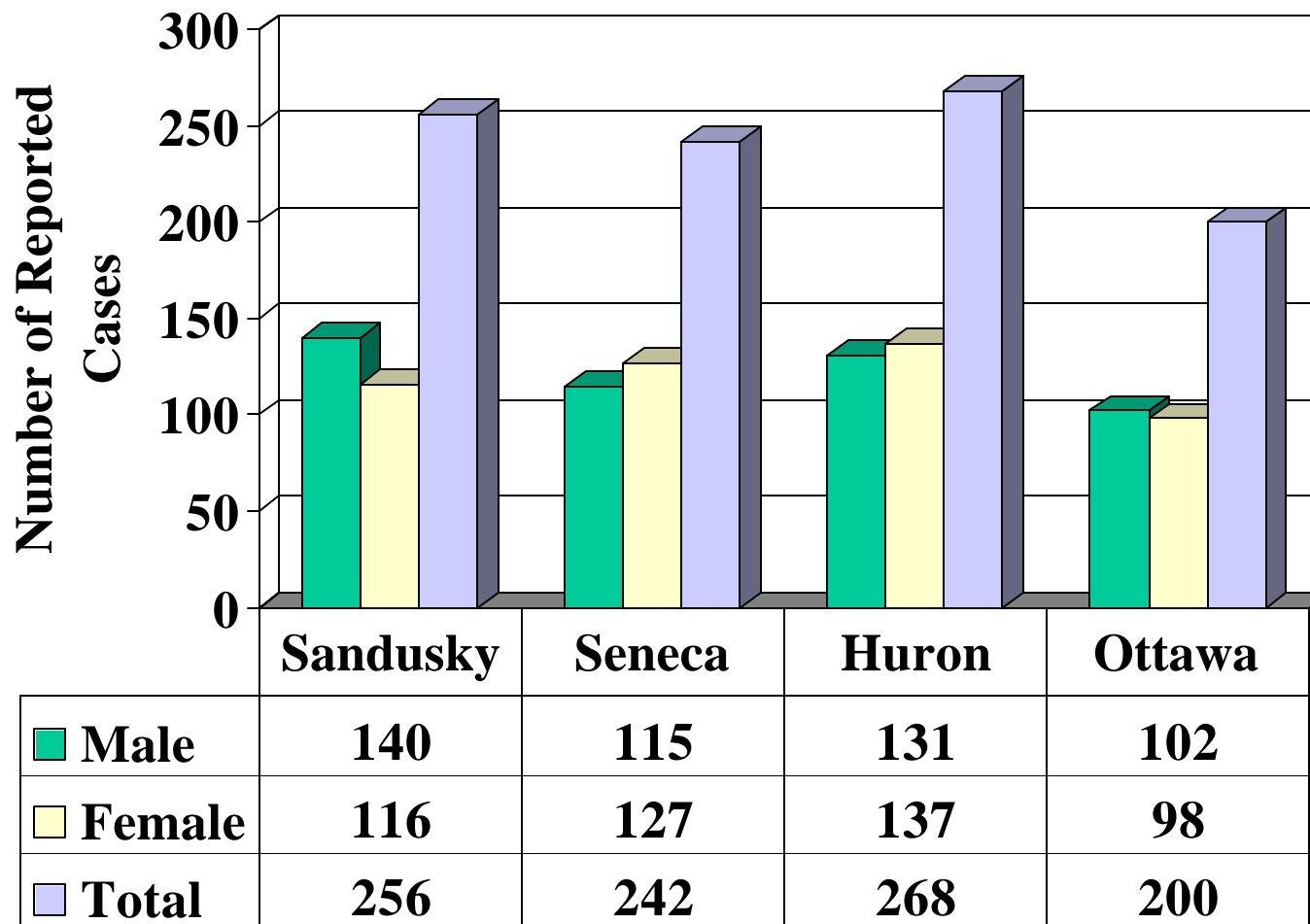


Source: ODH Vital Statistics, 1998

Compiled for Health Partners by
 Fall 2001



Sandusky County Newly Diagnosed Invasive Cases of Cancer, 1996

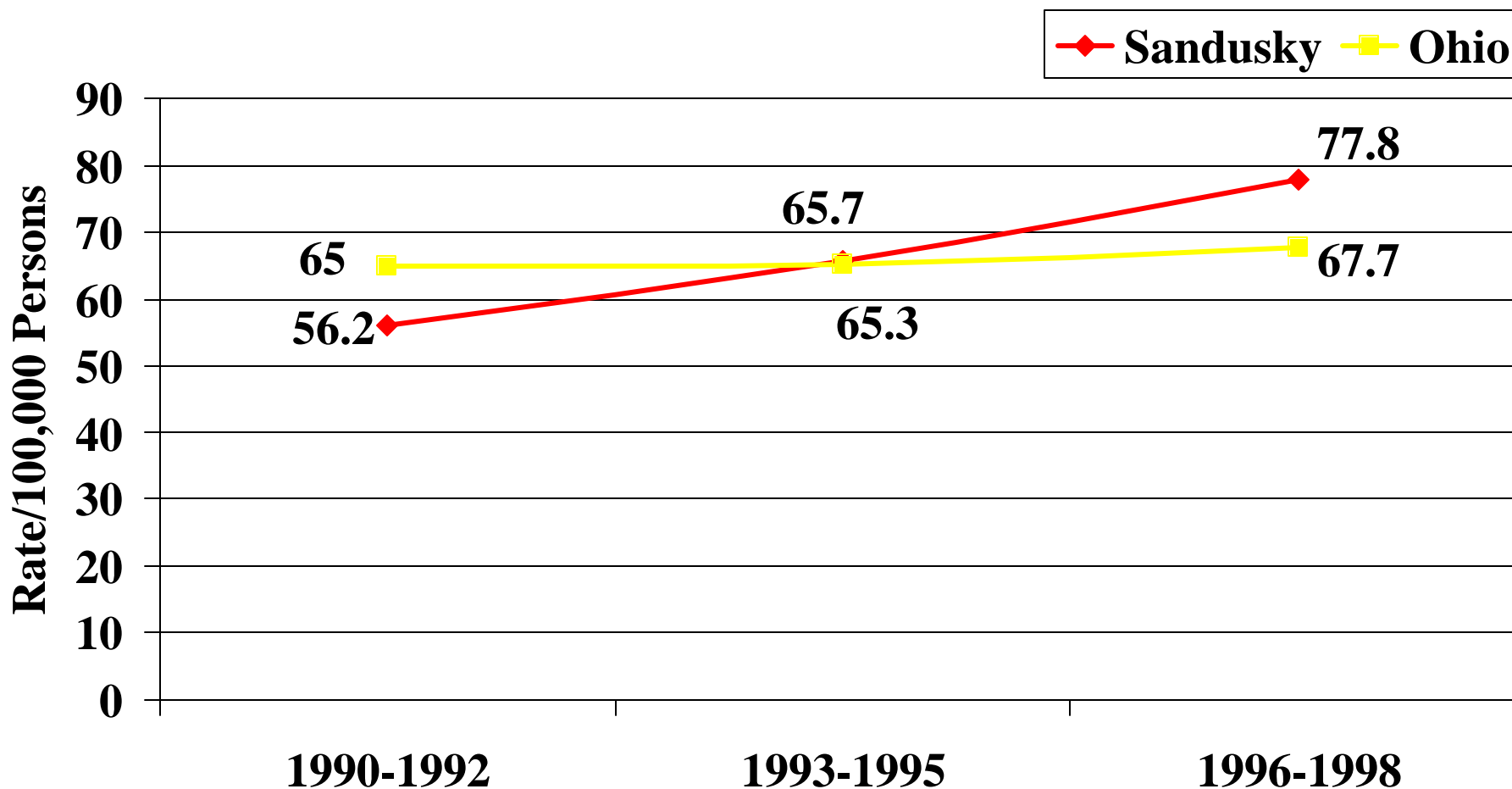


Stroke

Compiled for Health Partners by
Fall 2001



Sandusky County Stroke Related Deaths Age-Adjusted to 2000 Standard, 1990-1998

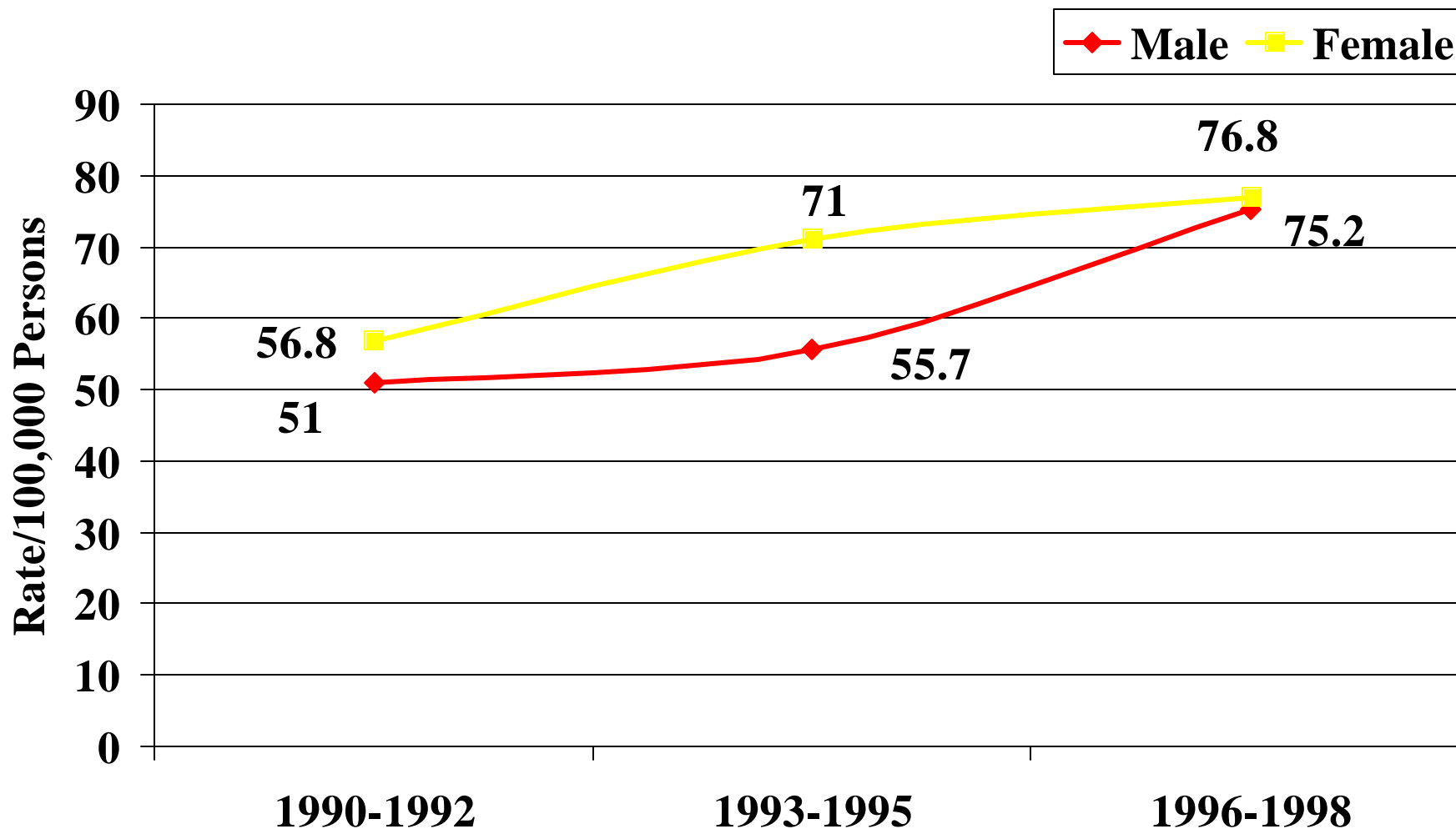


Source: ODH Vital Statistics, 2001

Compiled for Health Partners by
Fall 2001

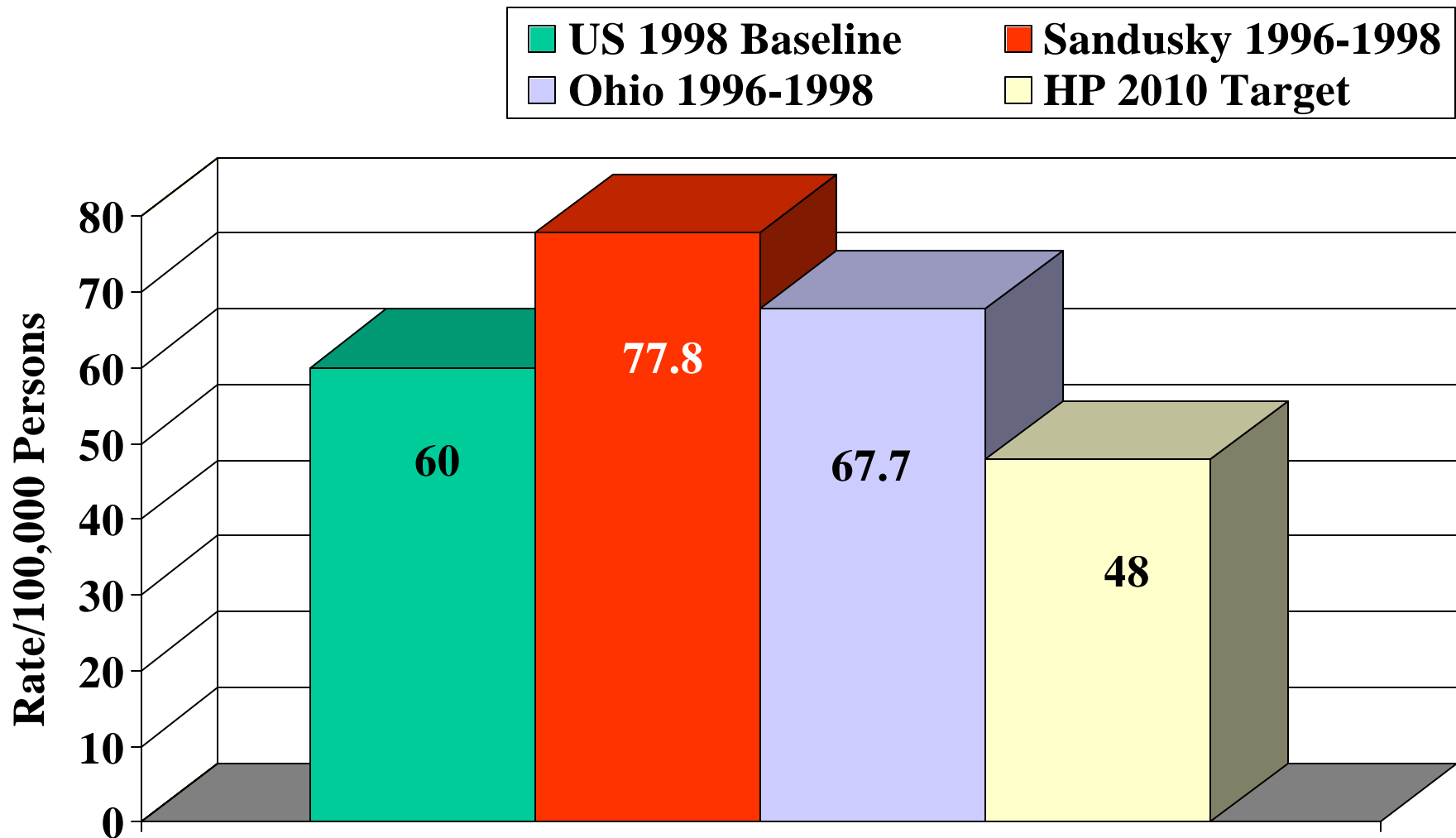


Sandusky County Stroke Related Deaths Age-Adjusted to 2000 Standard, 1990-1998



Stroke Deaths

Tracking Healthy People 2010 Objective

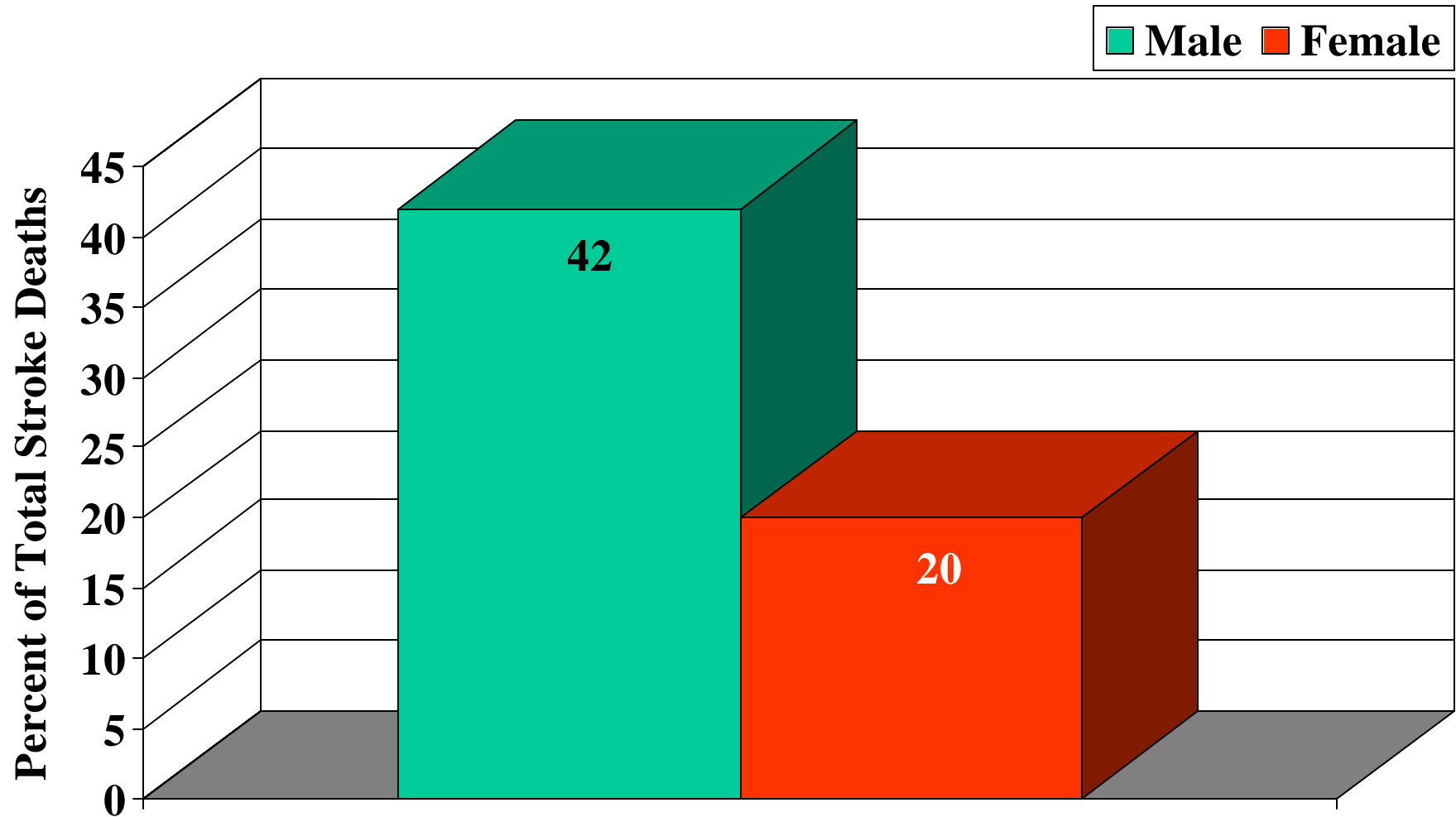


Source: Healthy People 2010, ODH Vital Statistics, 2001

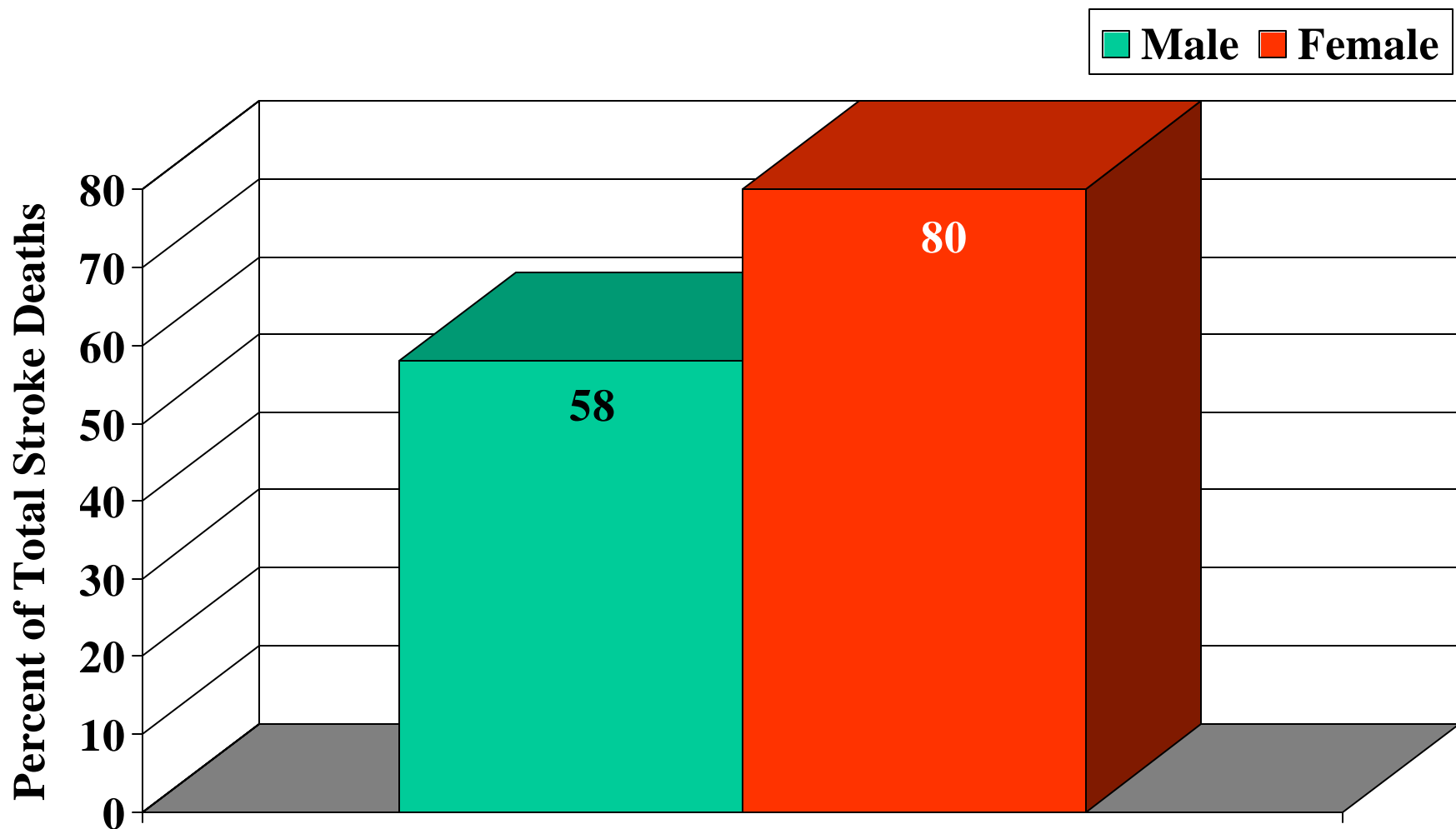
Compiled for Health Partners by
Fall 2001



Percent of Deaths From Stroke Before Age 75, 1990-1998



Percent of Deaths From Stroke 75+ Years, 1990-1998

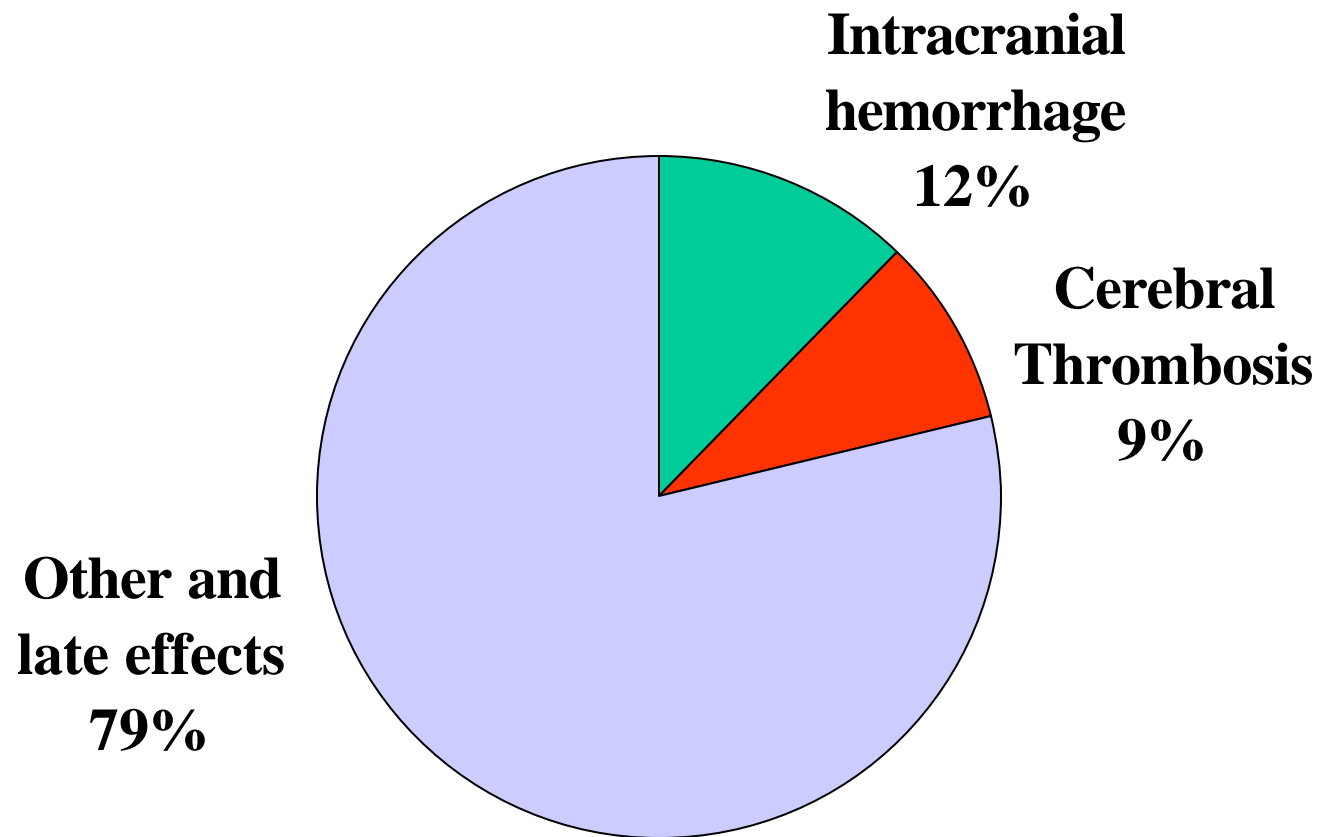


Stroke Deaths by Race/Ethnicity

- 3/5 Hispanic stroke deaths occurred before age 75 (1992-1997)
- 1/3 Black stroke deaths occurred before age 75 (1993-1998)
- 3/10 White stroke deaths occurred before age 75 (1993-1998)



Sandusky County Stroke Deaths By Type, 1990-1998

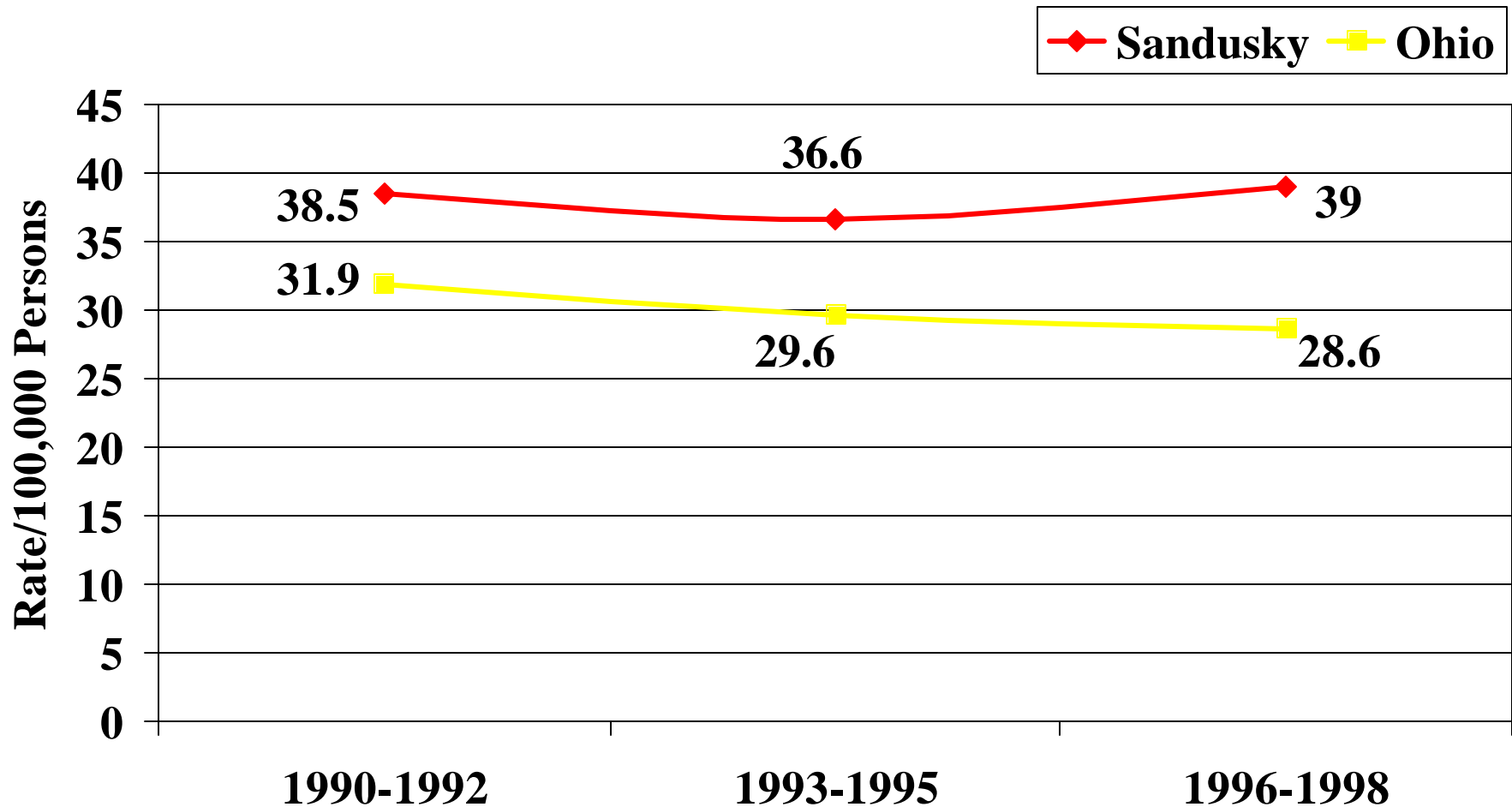


Accidents

Compiled for Health Partners by
Fall 2001



Sandusky County Accident Deaths Age-Adjusted to 2000 Standard, 1990-1998



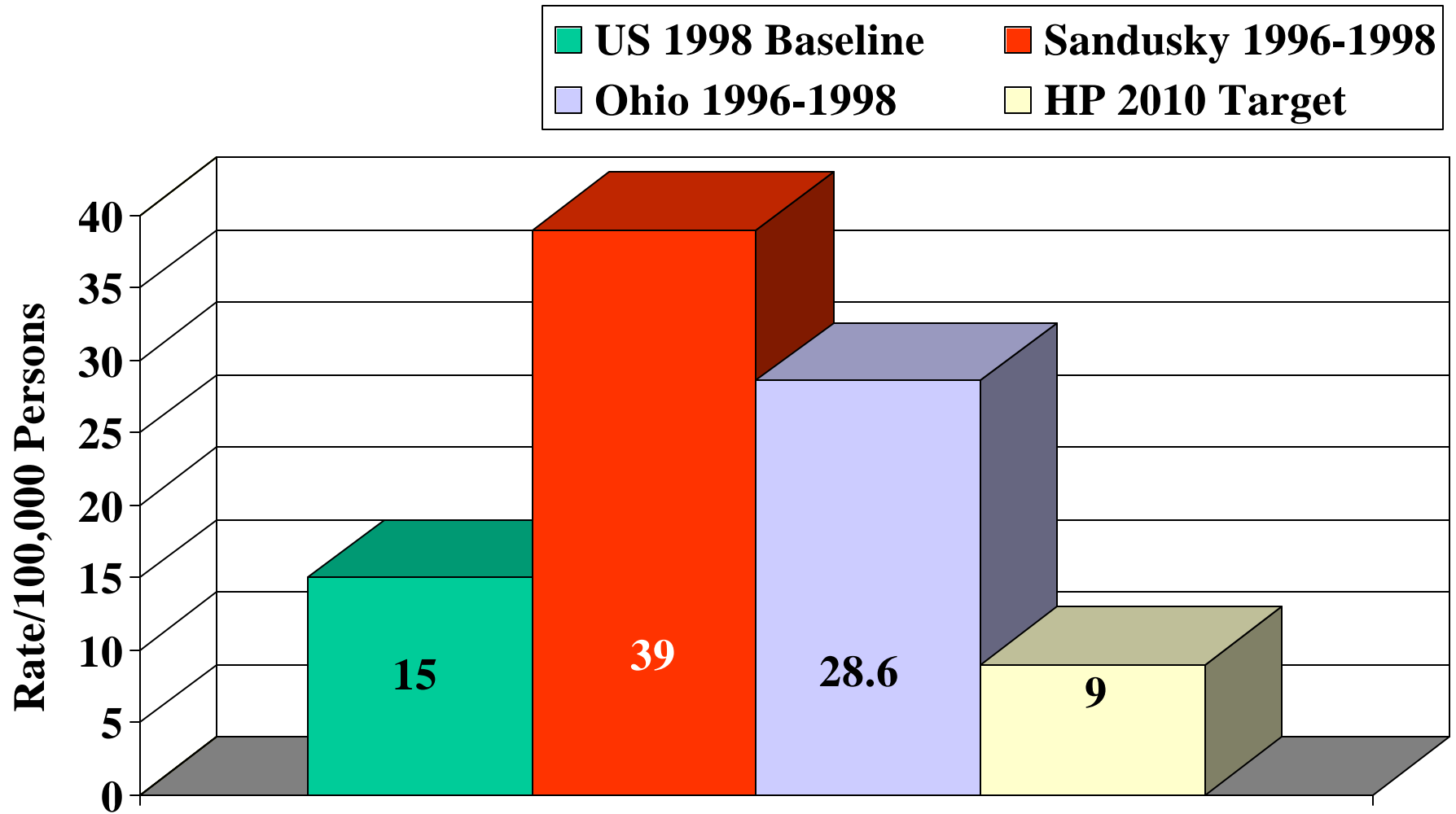
Source: ODH Vital Statistics, 2001

Compiled for Health Partners by
Fall 2001



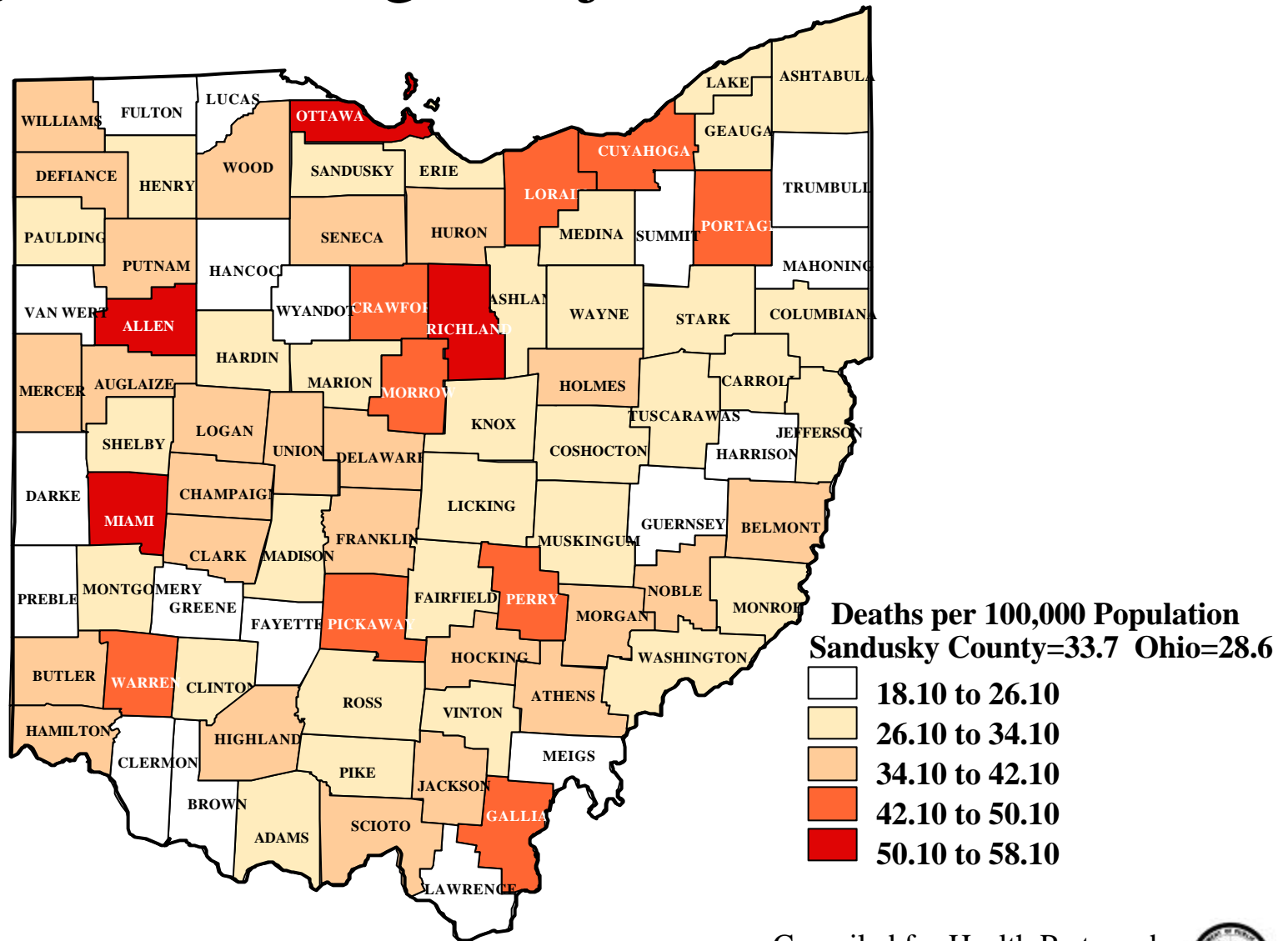
Fatal Accidents

Tracking Healthy People 2010 Objective



Deaths from Accidents

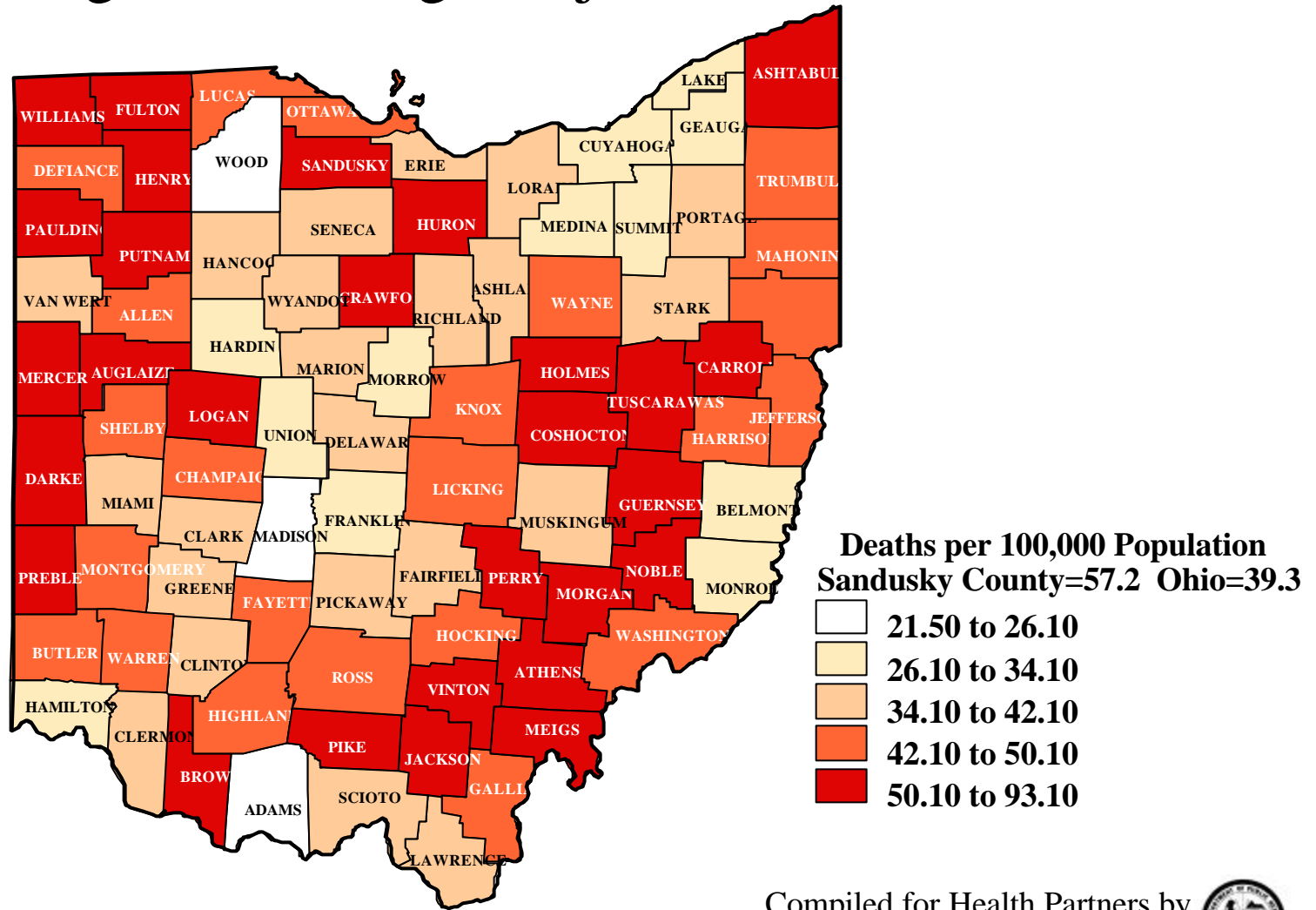
Average Annual Age-Adjusted Rate 1996-1998



White Male Deaths from Accidents

Compared to Total Population

Average Annual Age-Adjusted Rate 1996-1998

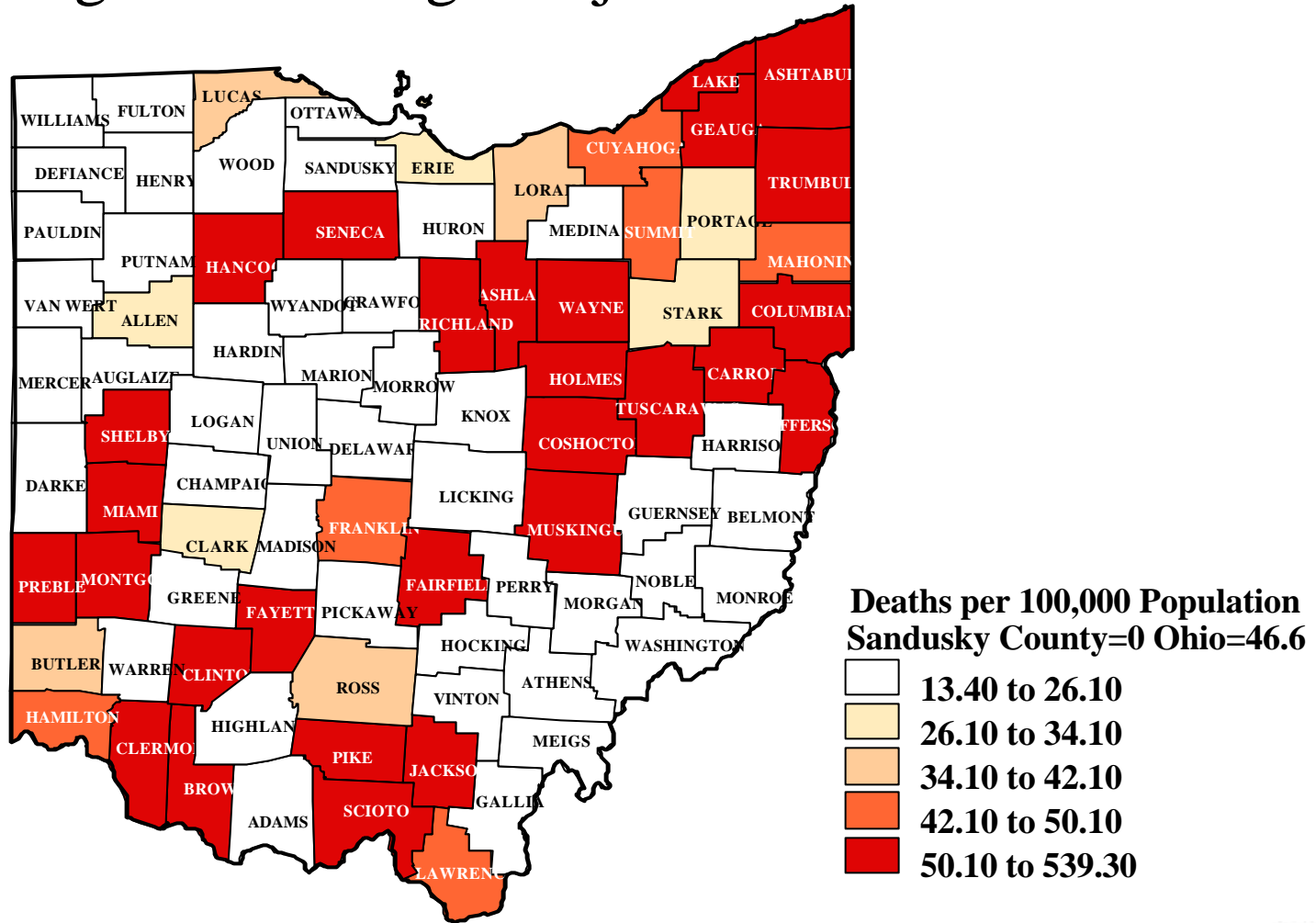


Source: ODH Vital Statistics, 1998

Compiled for Health Partners by
 Fall 2001



Black Male Deaths from Accidents Compared to Total Population Average Annual Age-Adjusted Rate 1996-1998

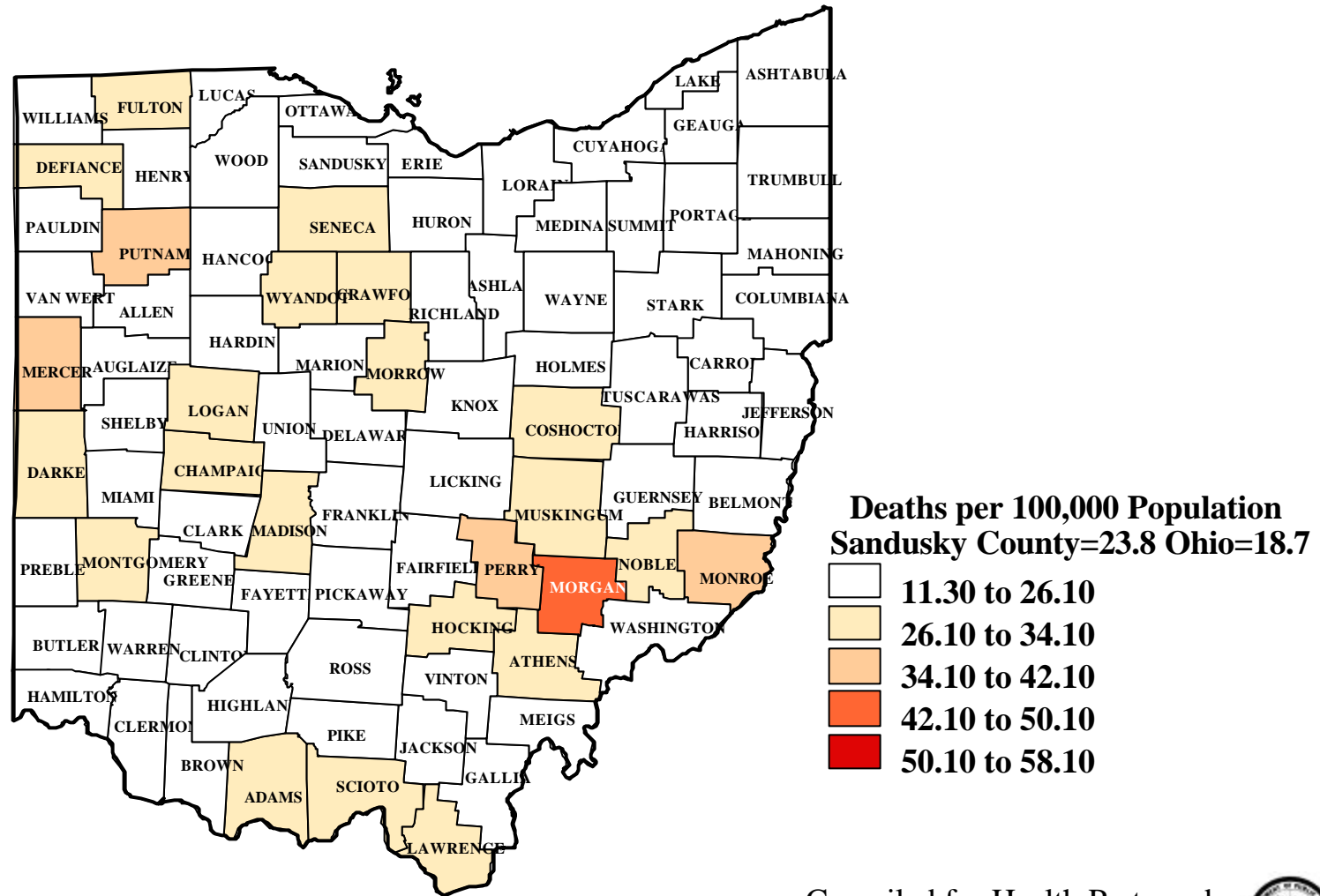


Source: ODH Vital Statistics, 1998

Compiled for Health Partners by
Fall 2001



White Female Deaths from Accidents Compared to Total Population Average Annual Age-Adjusted Rate 1996-1998

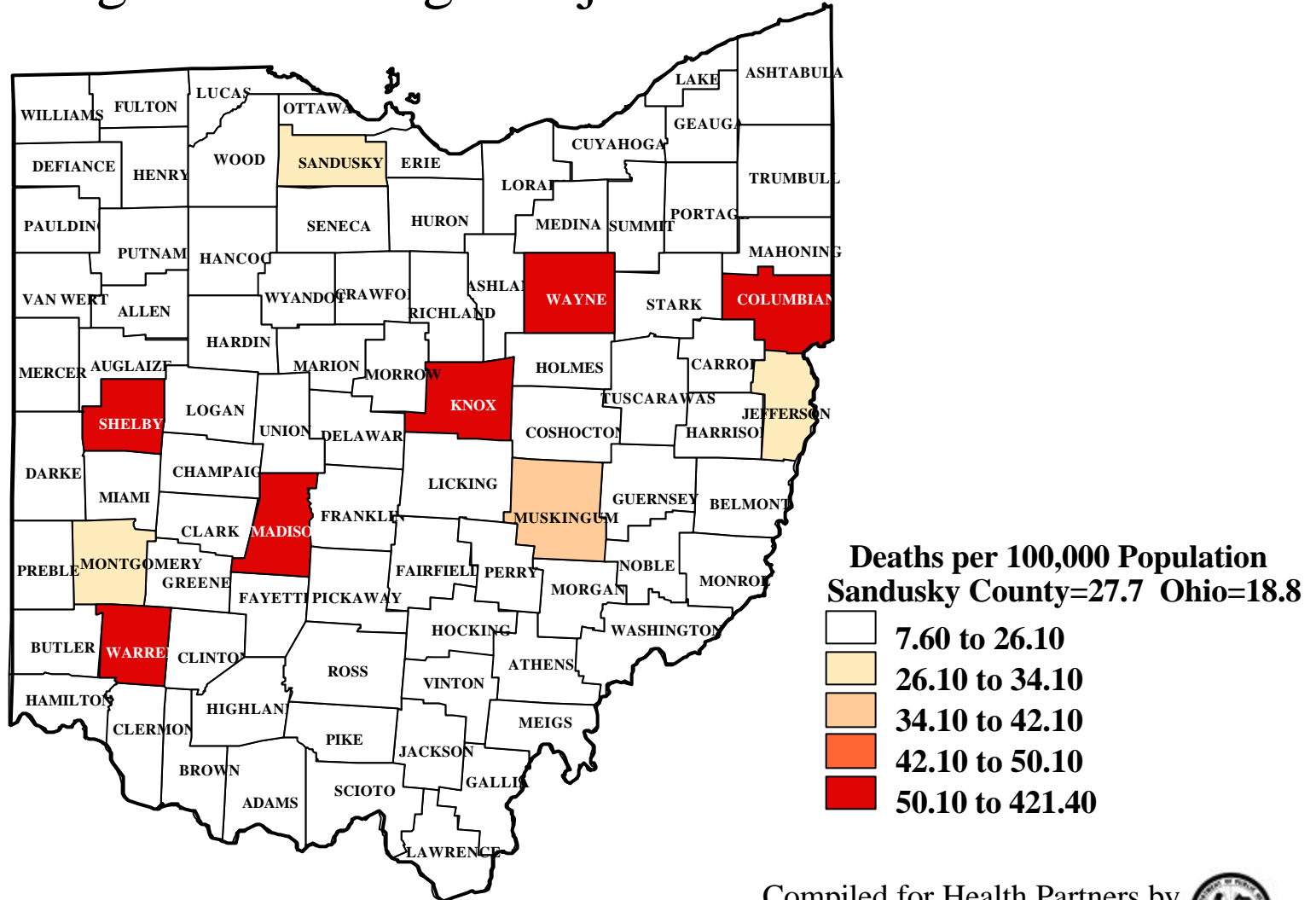


Source: ODH Vital Statistics, 1998

Compiled for Health Partners by
Fall 2001



Black Female Deaths from Accidents Compared to Total Population Average Annual Age-Adjusted Rate 1996-1998

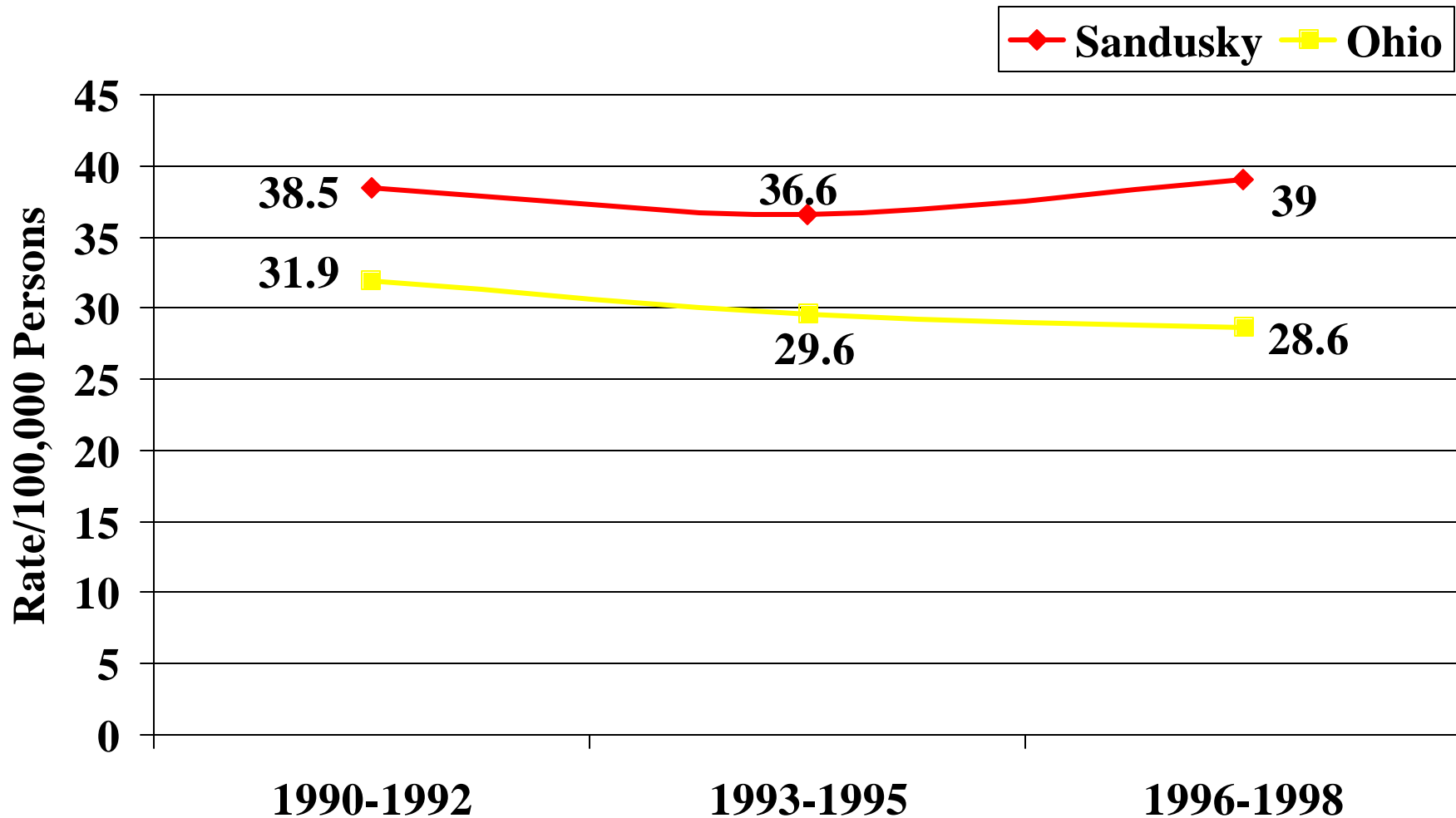


Source: ODH Vital Statistics, 1998

Compiled for Health Partners by
Fall 2001



Sandusky County Accident Related Deaths Age-Adjusted to 2000 Standard, 1990-1998

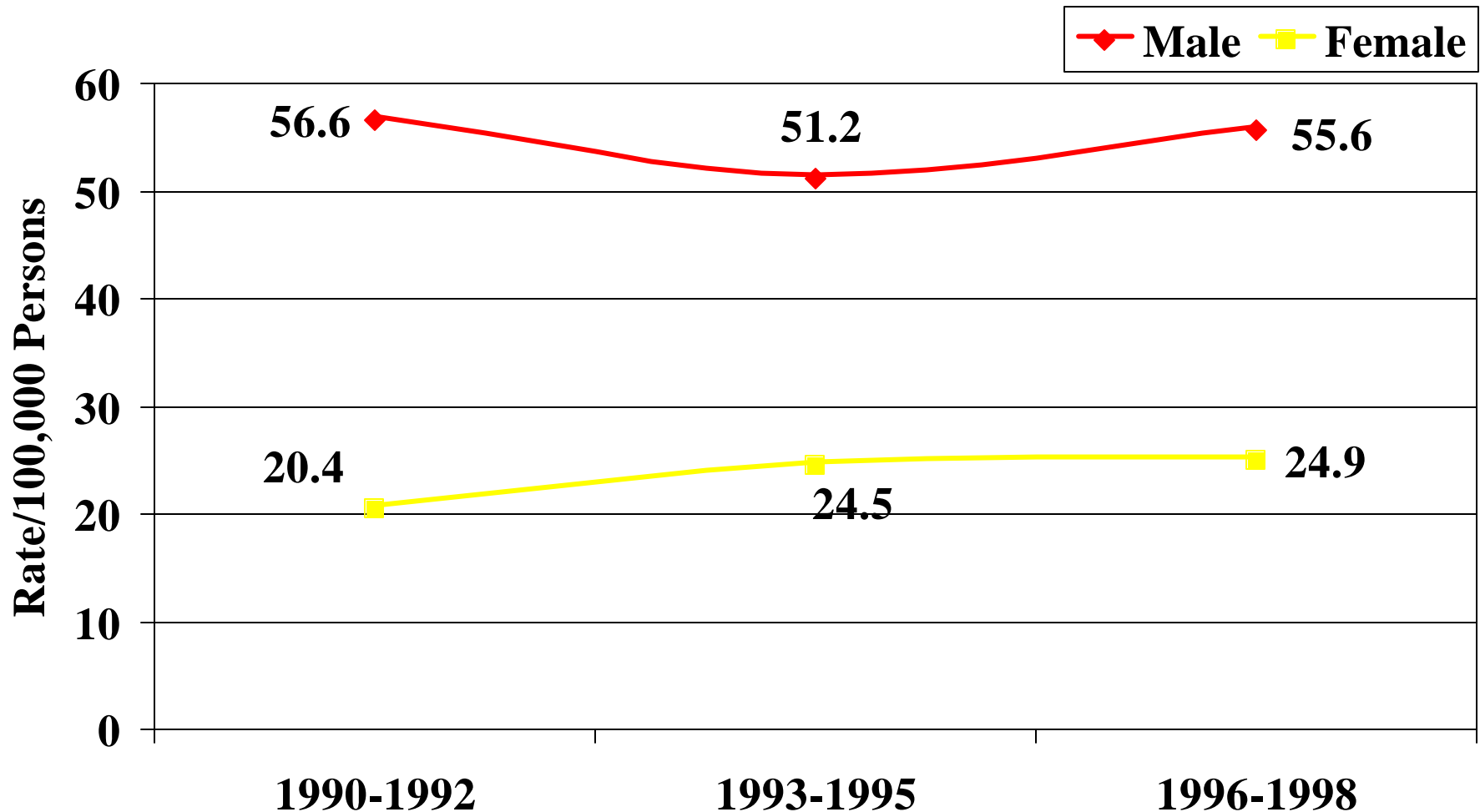


Source: ODH Vital Statistics, 2001

Compiled for Health Partners by
Fall 2001



Sandusky County Accident Related Deaths Age-Adjusted to 2000 Standard, 1990-1998

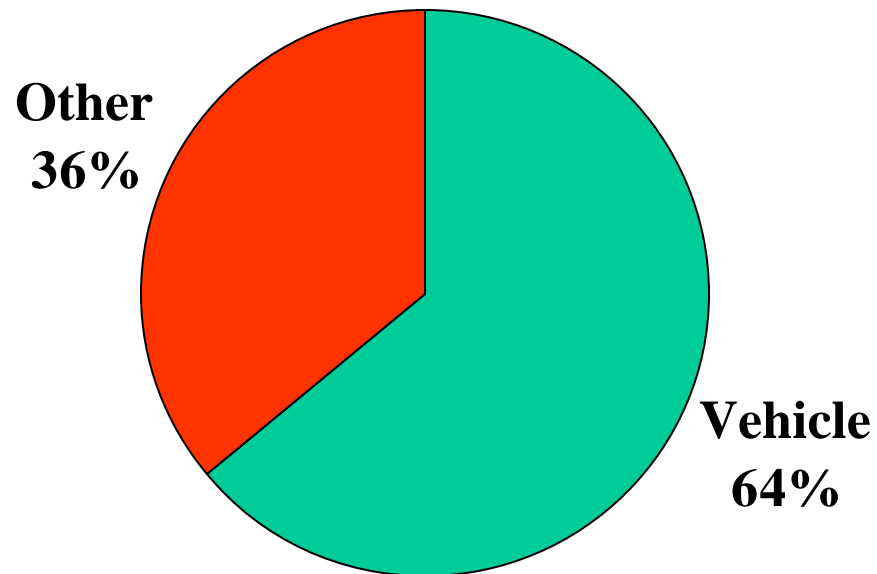


Source: ODH Vital Statistics, 2001

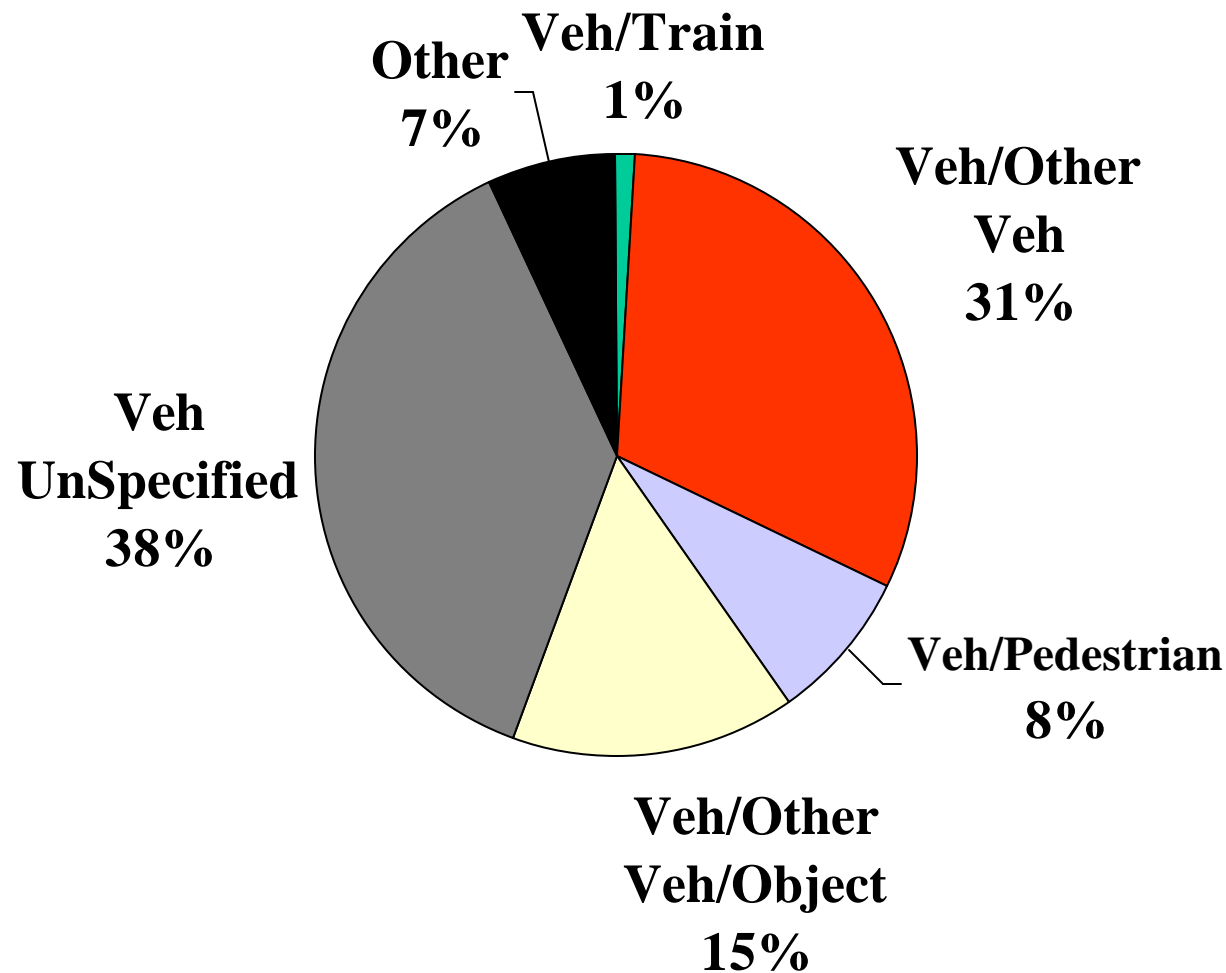
Compiled for Health Partners by
Fall 2001



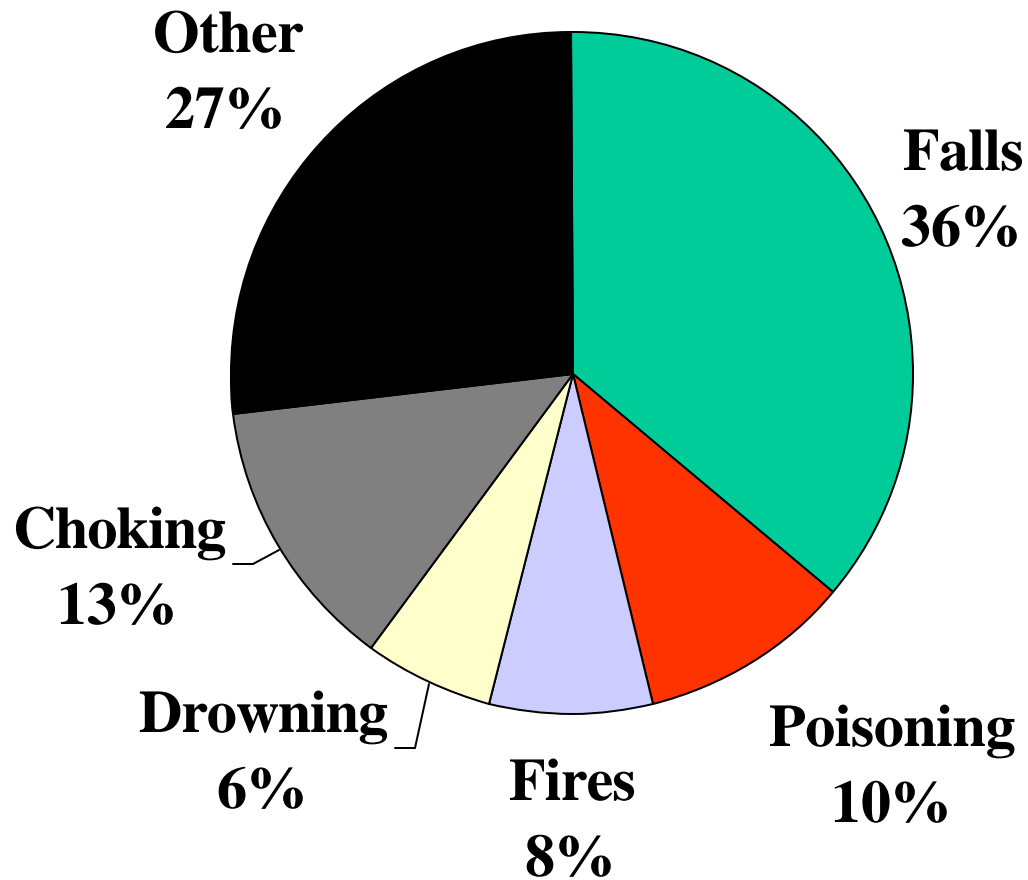
Sandusky County Accident Deaths, 1990-1998



Sandusky County Motor Vehicle Accident Deaths, 1990-1998



Sandusky County Other Accident Deaths, 1990-1998

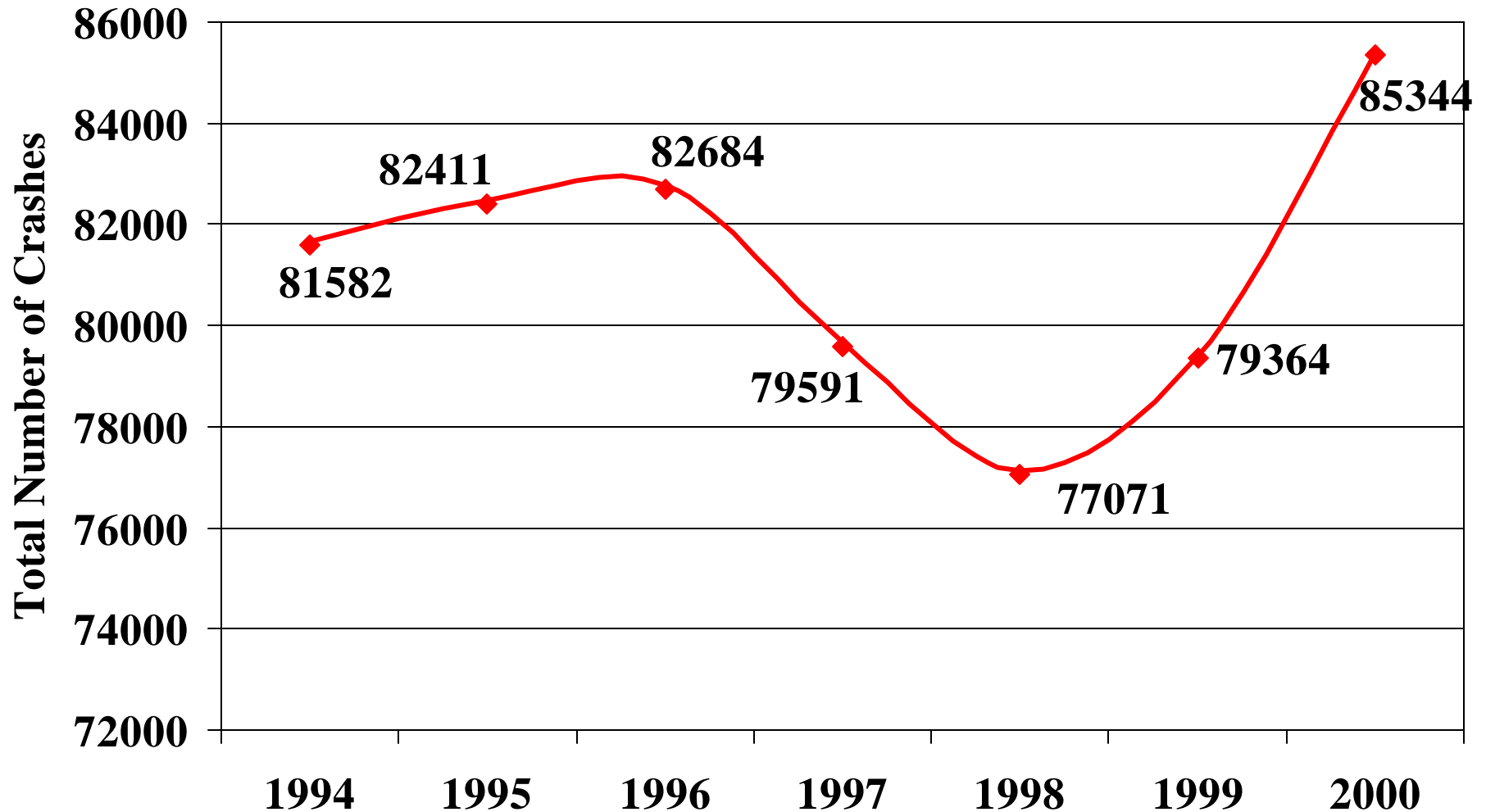


Crash Statistics

Compiled for Health Partners by
Fall 2001



Ohio Total Automobile Crashes Investigated By State Highway Patrol, 1994-2000

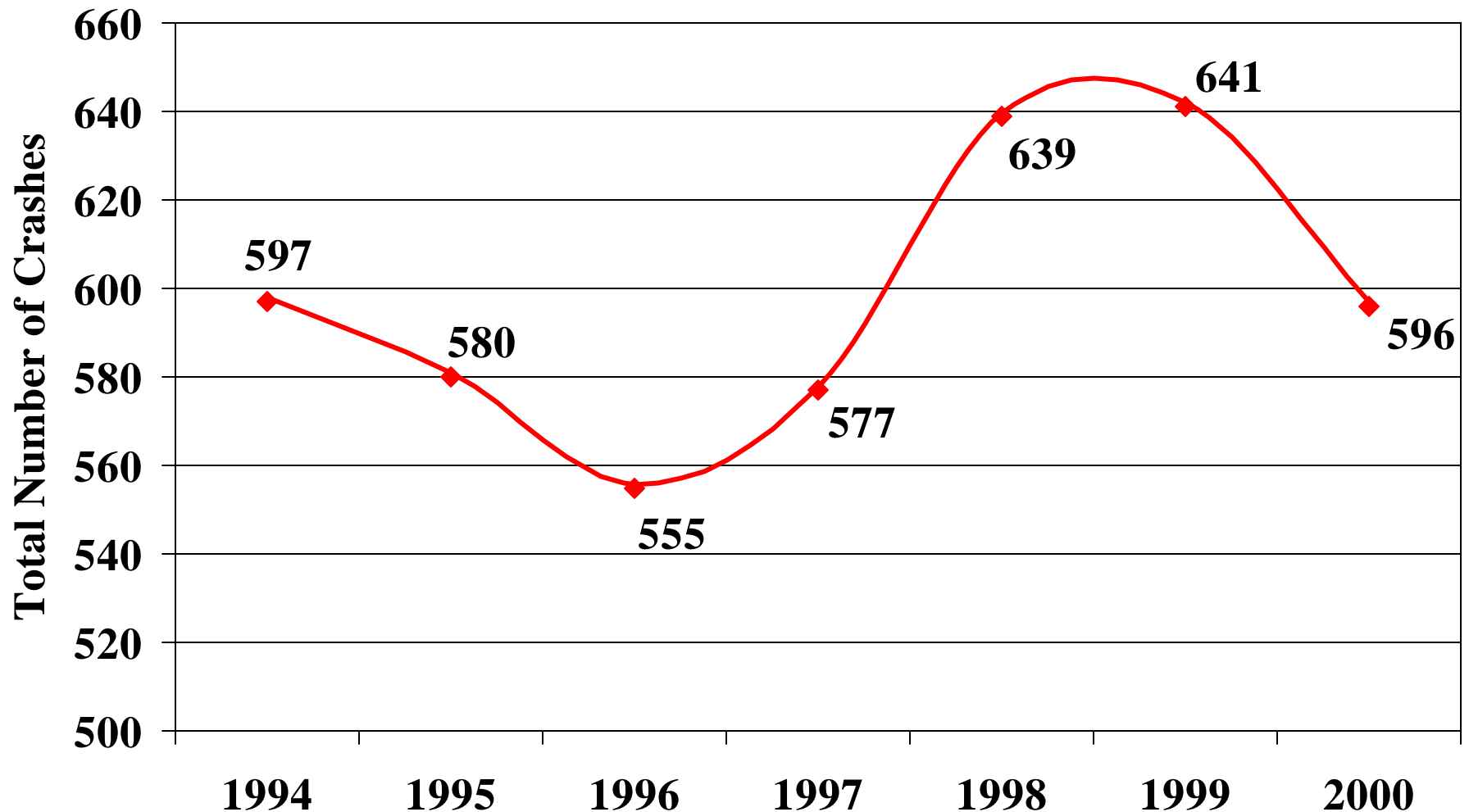


Source: Ohio State Highway Patrol, 2001

Compiled for Health Partners by
Fall 2001



Ohio Fatal Automobile Crashes Investigated By State Highway Patrol, 1994-2000

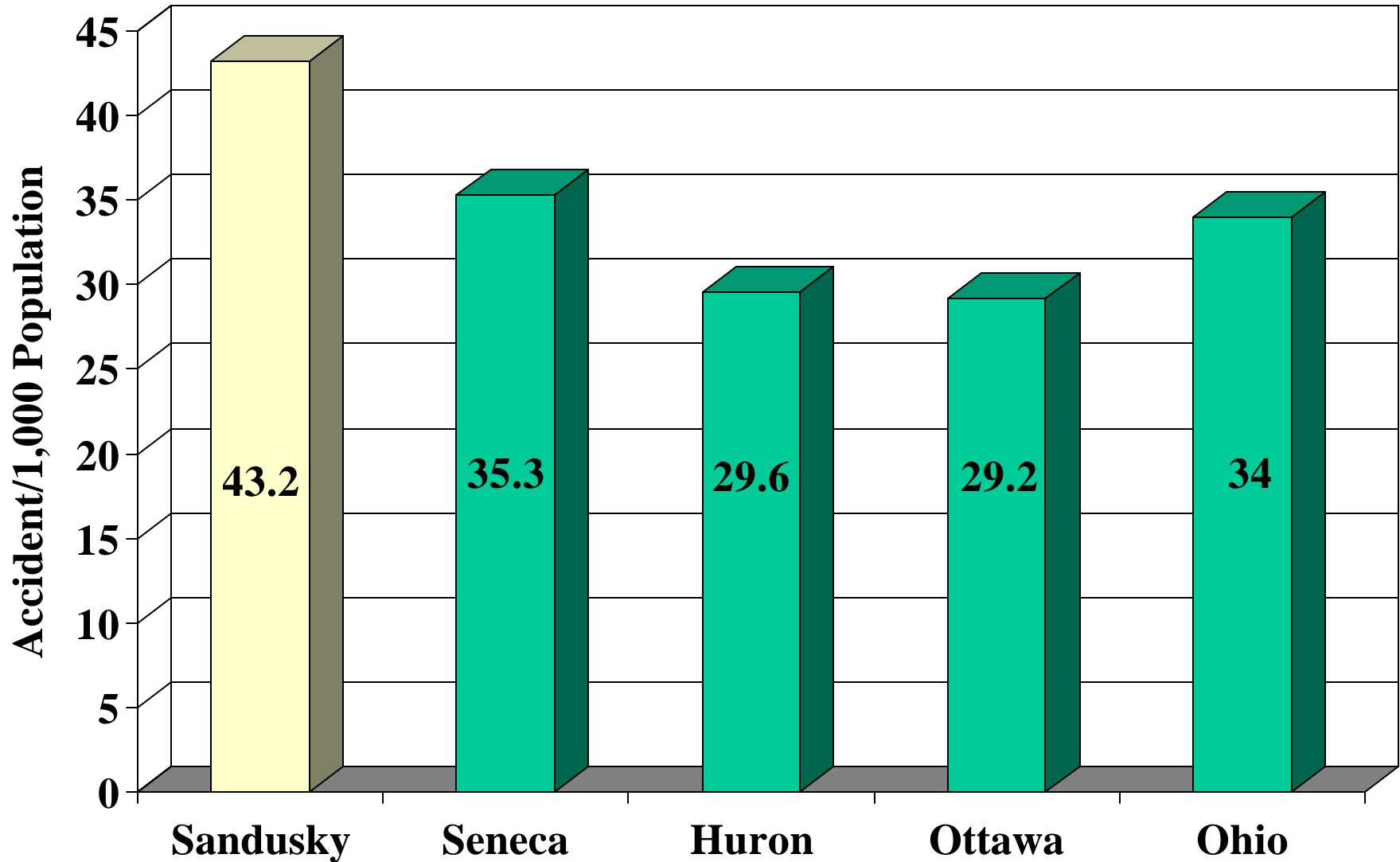


Source: Ohio State Highway Patrol, 2001

Compiled for Health Partners by
Fall 2001



Sandusky County Crash Statistics, 2000



Source: Ohio Department of Public Safety, 2001

Compiled for Health Partners by
Fall 2001



Sandusky County Crash Data, 2000

	Acc/1,000 People	Total Crashes	Fatal Crashes	Injury Crashes	PDO	Deaths	Injuries
Sandusky	43.2	2,672	9	658	1,984	10	1032
Ohio	34.0						
<i>Alcohol Related</i>							
Sandusky	3.1	192	3	75	110	3	112
Ohio	1.8						



Sandusky County Crash Data, 2000

	Acc/1,000 People	Total Crashes	Fatal Crashes	Injury Crashes	PDO	Deaths	Injuries
Fremont	50.7	880	2	177	687	2	268
Ohio	34.0						
<i>Alcohol Related</i>							
Fremont	3.5	60	2	22	33	2	35
Ohio	1.8						



Sandusky County Crash Data, 2000

	Acc/1,000 People	Total Crashes	Fatal Crashes	Injury Crashes	PDO	Deaths	Injuries
Bellevue	30.8	252	0	52	195	0	89
Ohio	34.0						
<i>Alcohol Related</i>							
Bellevue	0.98	8	0	5	3	0	5
Ohio	1.8						



Sandusky County Crash Data, 2000

	Acc/1,000 People	Total Crashes	Fatal Crashes	Injury Crashes	PDO	Deaths	Injuries
Clyde	24.4	148	0	39	107	0	60
Ohio	34.0						
<i>Alcohol Related</i>							
Clyde	2.3	14	0	4	10	0	6
Ohio	1.8						



Sandusky County Crash Data, 1999

	Acc/1,000 People	Total Crashes	Fatal Crashes	Injury Crashes	PDO	Deaths	Injuries
Sandusky	38.2	2,376	15	604	1,757	17	946
Rural		1,361					
Urban		1,015					
Ohio	34.4						
<i>Alcohol Related</i>							
Sandusky	2.15	134	2	65	67	2	88
Rural		85					
Urban		49					
Ohio	2.07						



Sandusky County Crash Data, 1999

	Acc/1,000 People	Total Crashes	Fatal Crashes	Injury Crashes	PDO	Deaths	Injuries
Fremont	42.5	723	1	153	569	1	229
Ohio	34.4						
<i>Alcohol Related</i>							
Fremont	2.12	36	1	15	20	1	23
Ohio	2.07						



Sandusky County Crash Data, 1999

	Acc/1,000 People	Total Crashes	Fatal Crashes	Injury Crashes	PDO	Deaths	Injuries
Bellevue	25	201	0	53	148	0	80
Ohio	34.4						
<i>Alcohol Related</i>							
Bellevue	1.24	10	0	4	6	0	9
Ohio	2.07						



Sandusky County Crash Data, 1999

	Acc/1,000 People	Total Crashes	Fatal Crashes	Injury Crashes	PDO	Deaths	Injuries
Clyde	24	144	0	35	109	0	52
Ohio	34.4						
<i>Alcohol Related</i>							
Clyde	1.17	7	0	3	4	0	3
Ohio	2.07						



Farm Fatalities

Compiled for Health Partners by
Fall 2001



Sandusky County Farm Fatality Reports, 1981-2000

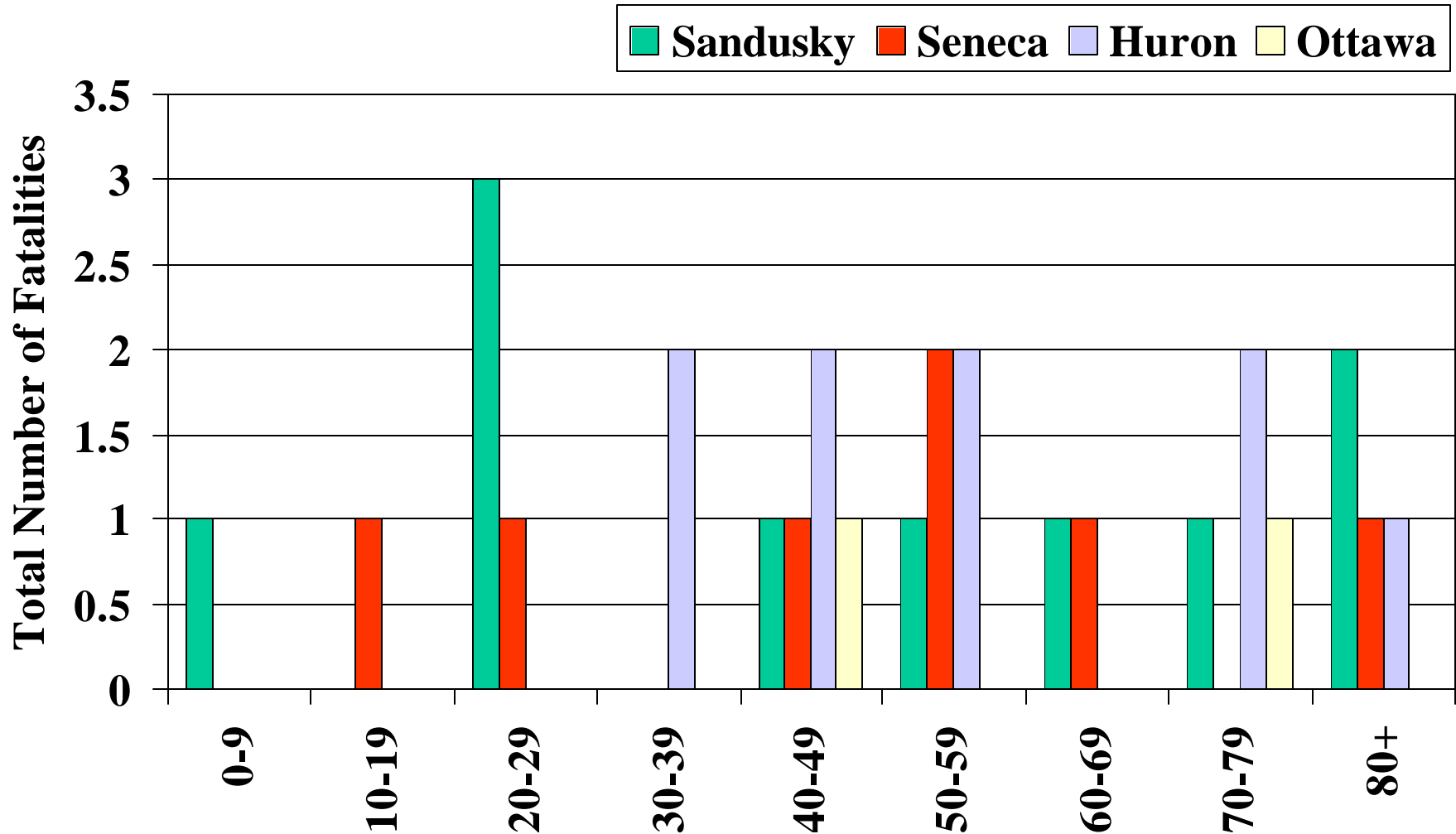


Source: FFIDO/OSU, 2001

Compiled for Health Partners by
Fall 2001



Sandusky County Farm Fatality Reports, 1981-2000

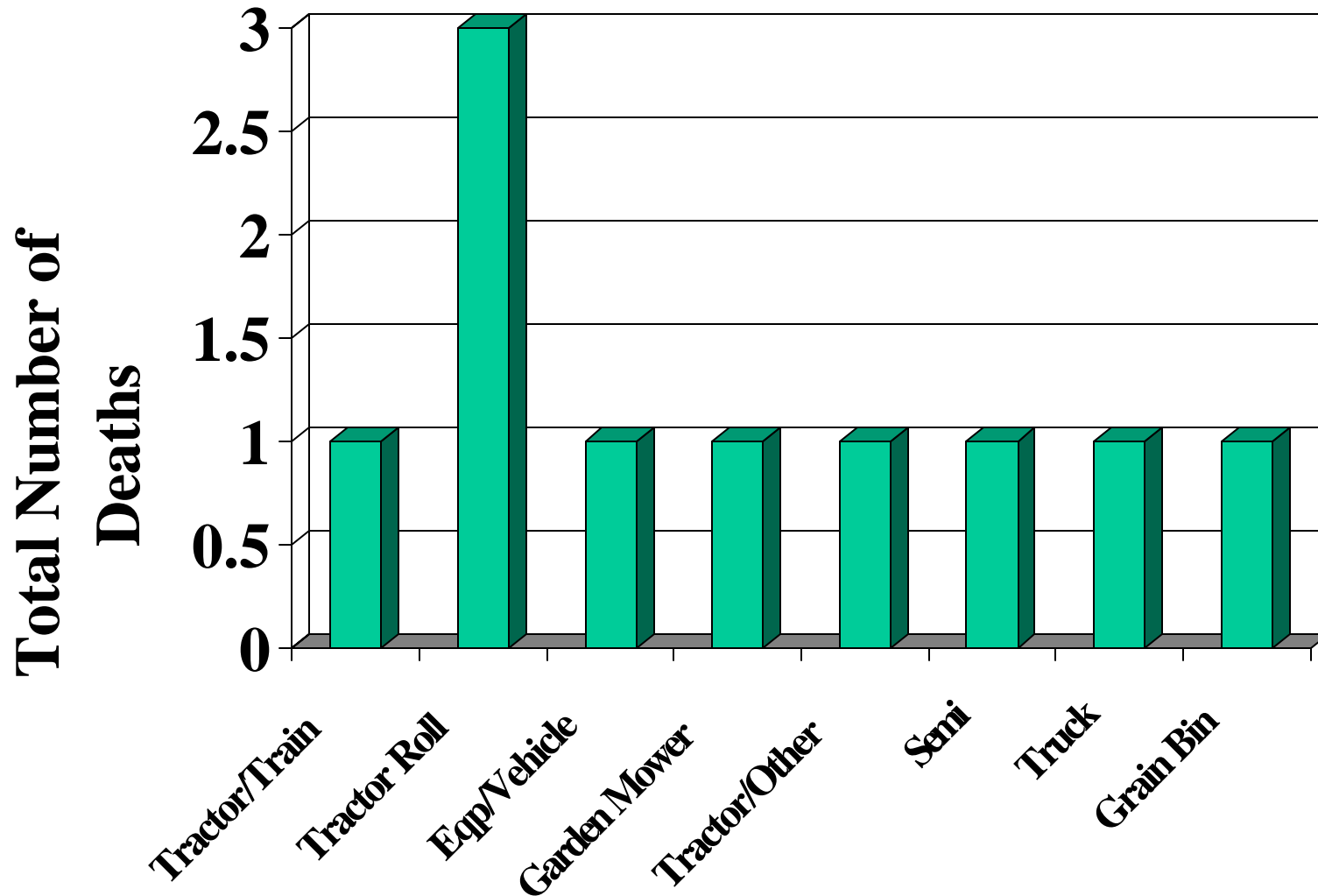


Source: FFIDO/OSU, 2001

Compiled for Health Partners by
Fall 2001



Types of Sandusky County Farm Fatalities, 1981-2000



Source: FFIDO/OSU, 2001

Compiled for Health Partners by
Fall 2001

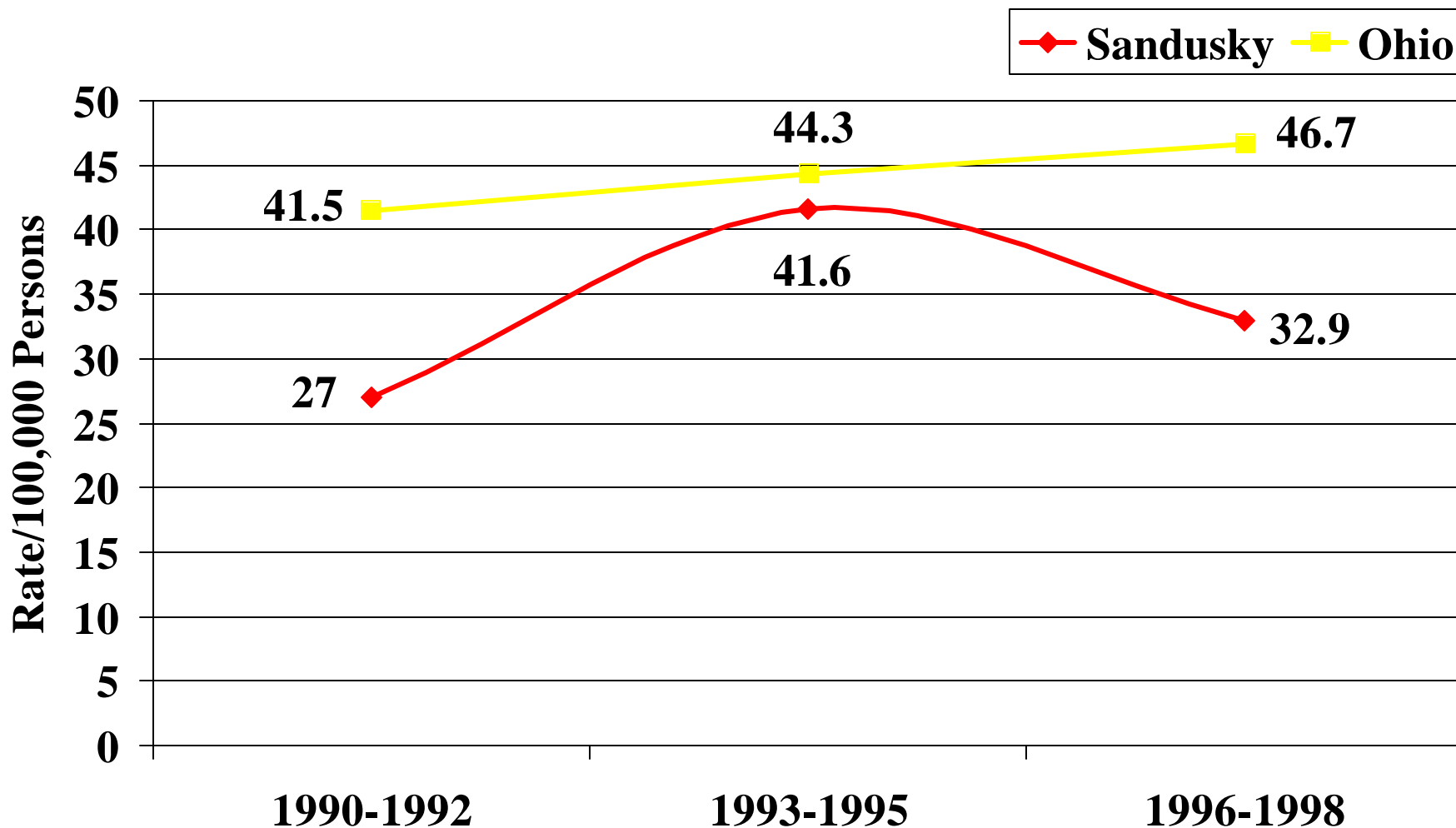


COPD

Compiled for Health Partners by
Fall 2001



Sandusky County COPD Related Deaths Age-Adjusted to 2000 Standard, 1990-1998

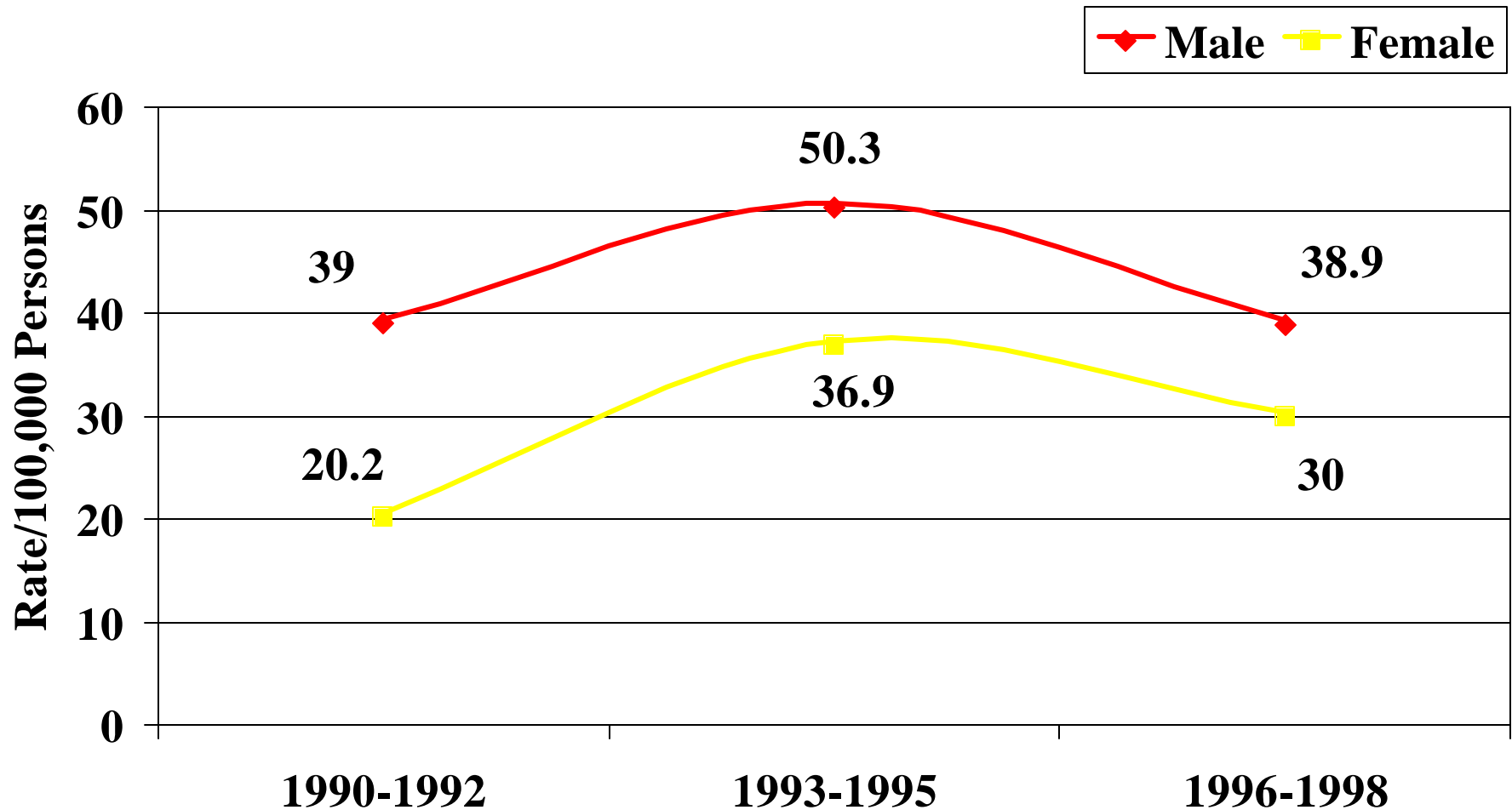


Source: ODH Vital Statistics, 2001

Compiled for Health Partners by
Fall 2001



Sandusky County COPD Related Deaths Age-Adjusted to 2000 Standard, 1990-1998



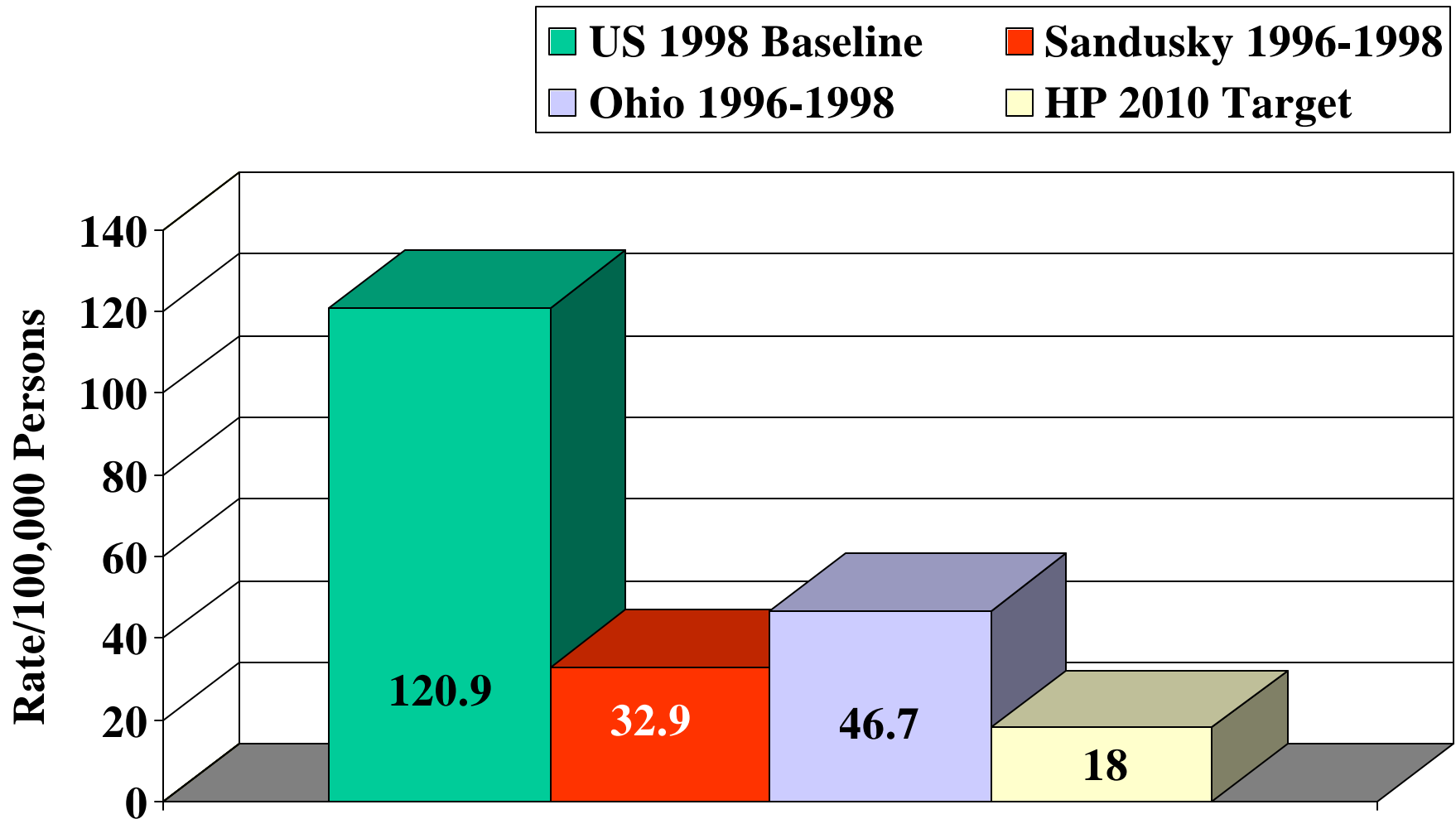
Source: ODH Vital Statistics, 2001

Compiled for Health Partners by
Fall 2001



COPD Deaths

Tracking Healthy People 2010 Objective

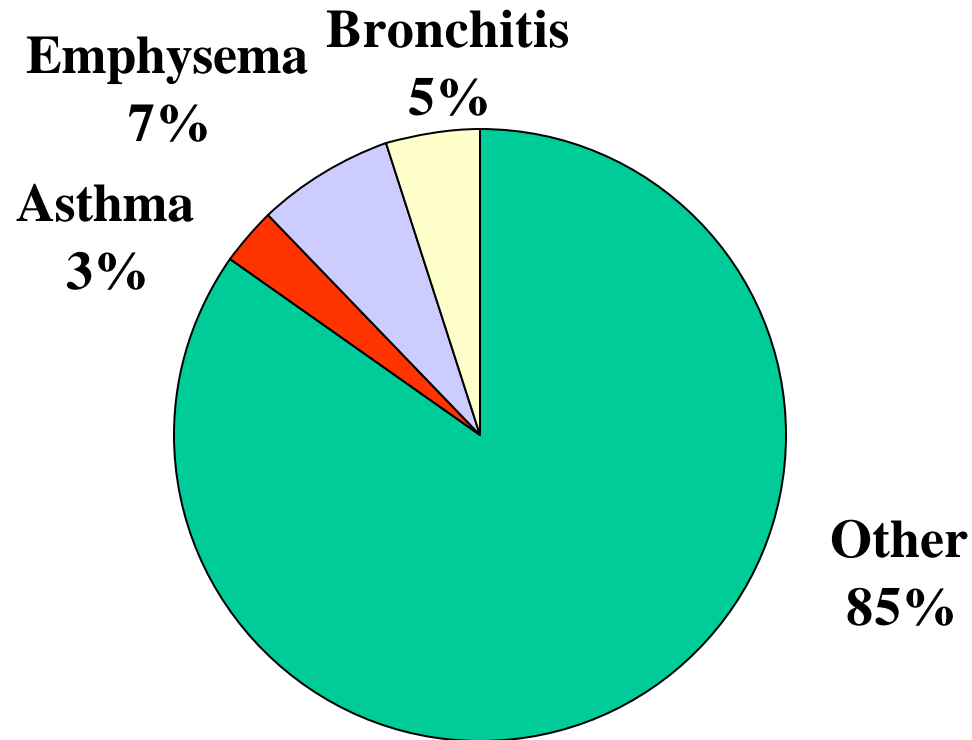


Source: Healthy People 2010, ODH Vital Statistics, 2001

Compiled for Health Partners by
Fall 2001

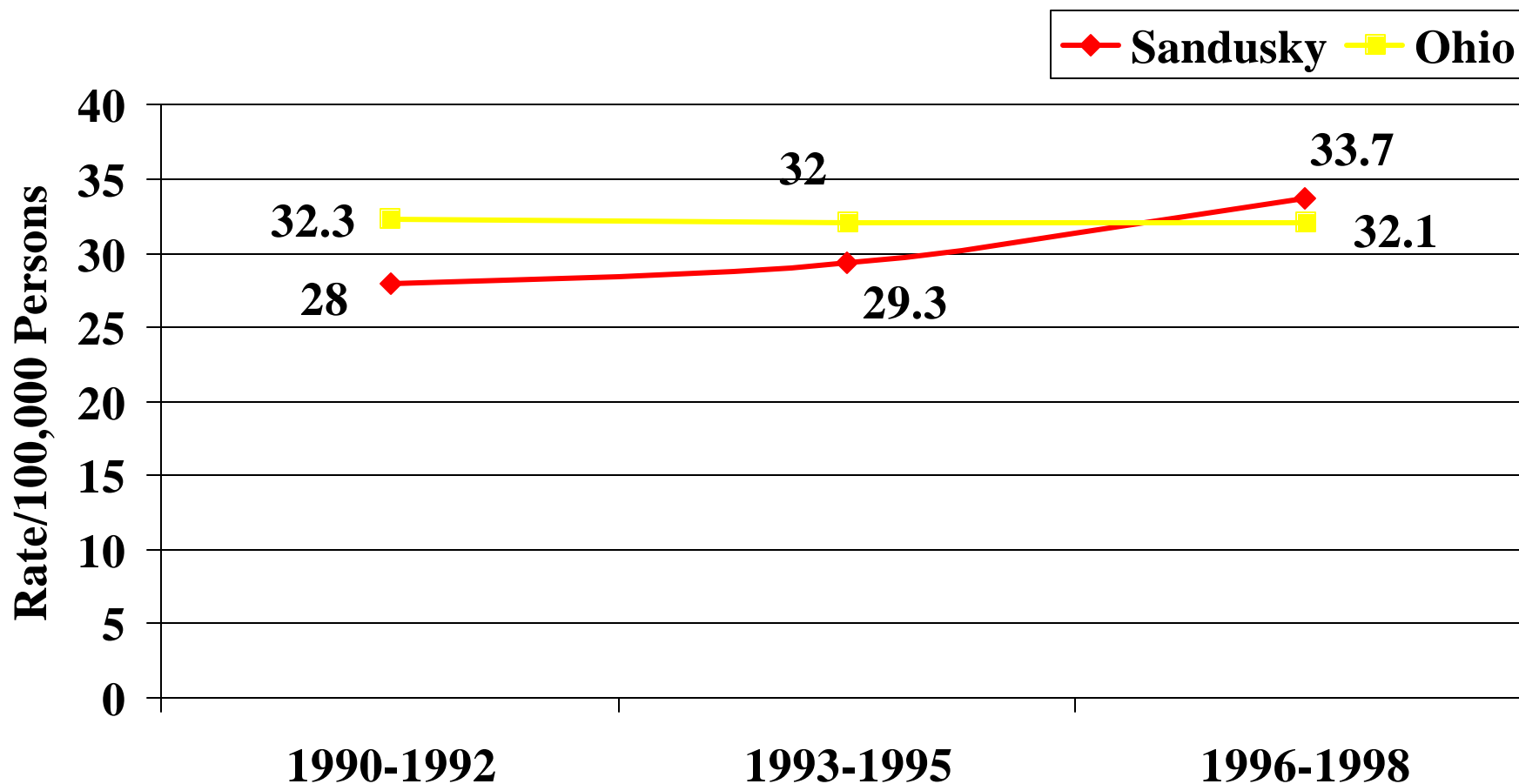


Sandusky County COPD Deaths By Type, 1990-1998



Sandusky County Pneumonia and Influenza Related Deaths

Age-Adjusted to 2000 Standard, 1990-1998



Source: ODH Vital Statistics, 2001

Compiled for Health Partners by
Fall 2001

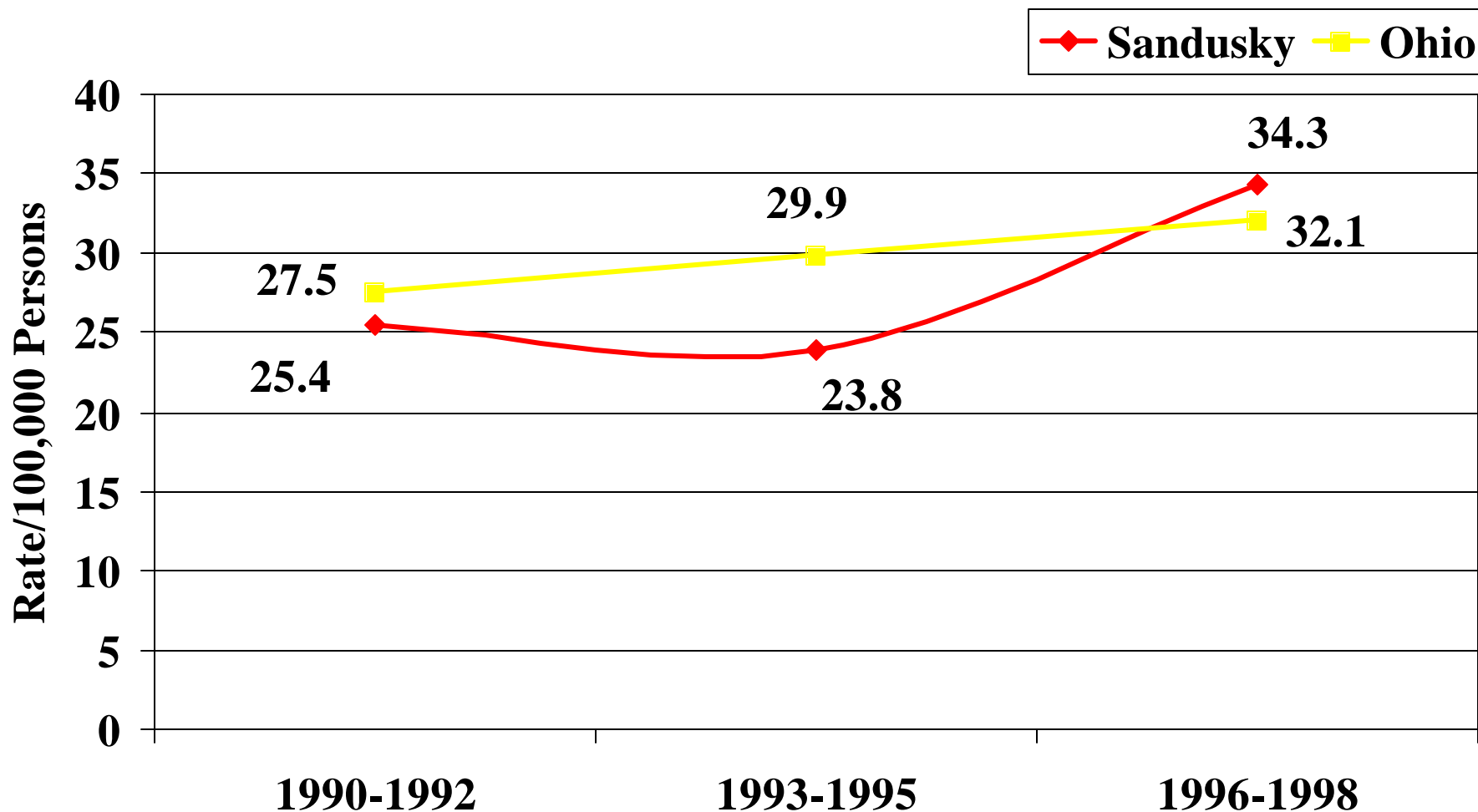


Diabetes

Compiled for Health Partners by
Fall 2001



Sandusky County Diabetes Related Deaths Age-Adjusted to 2000 Standard, 1990-1998

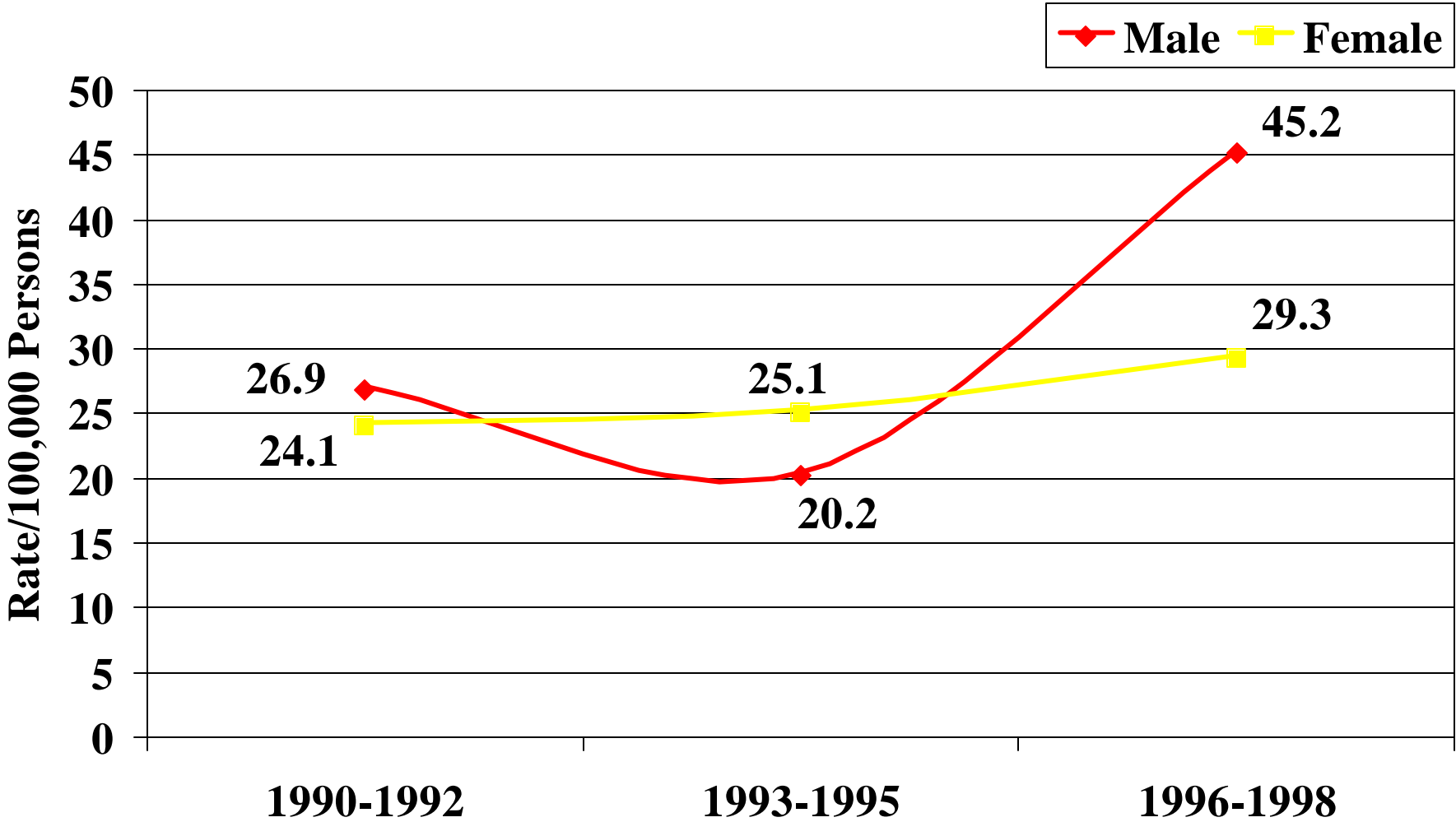


Source: ODH Vital Statistics, 2001

Compiled for Health Partners by
Fall 2001



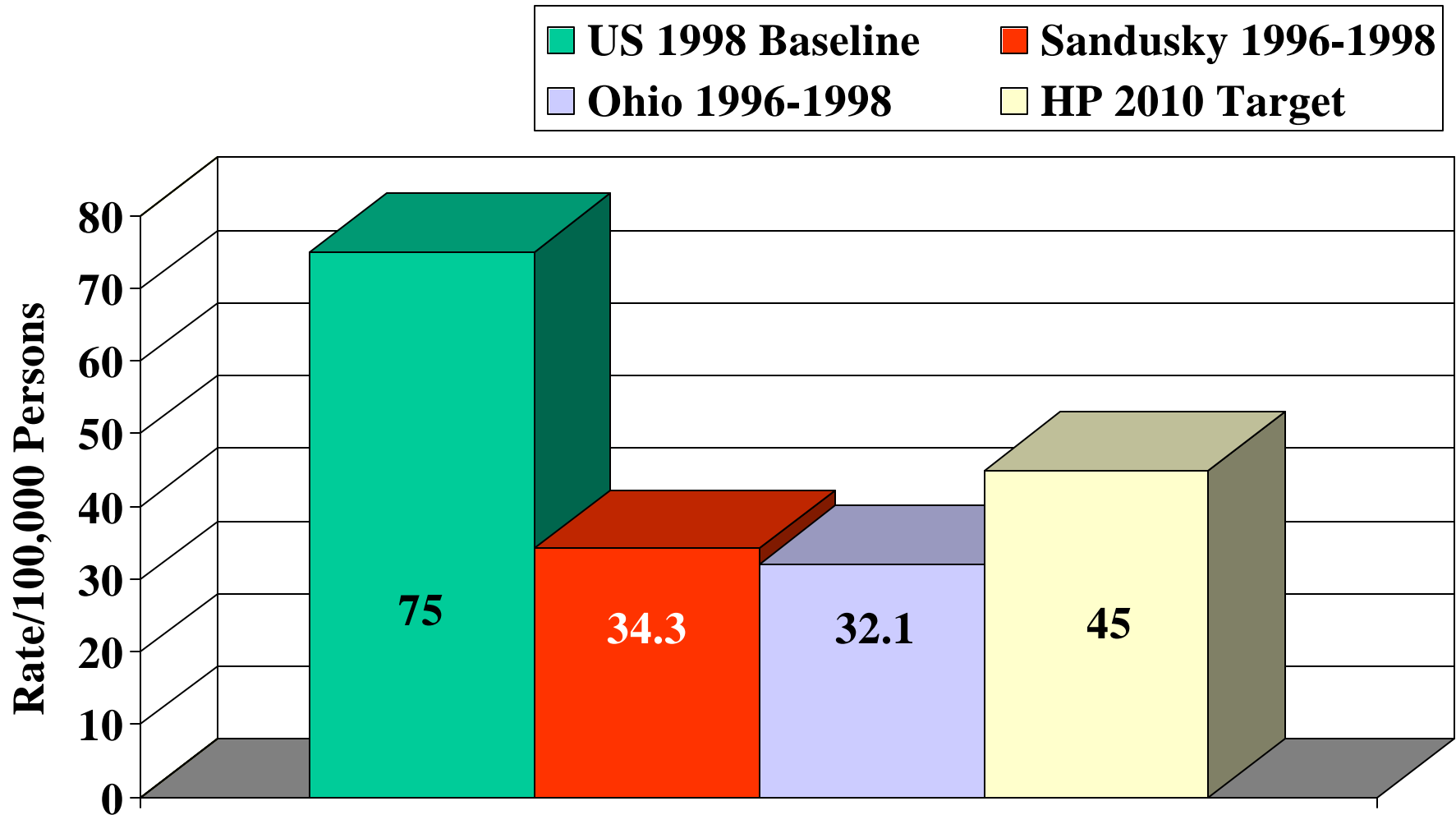
Sandusky County Diabetes Related Deaths Age-Adjusted to 2000 Standard, 1990-1998



Source: ODH Vital Statistics, 2001

Diabetes Deaths

Tracking Healthy People 2010 Objective

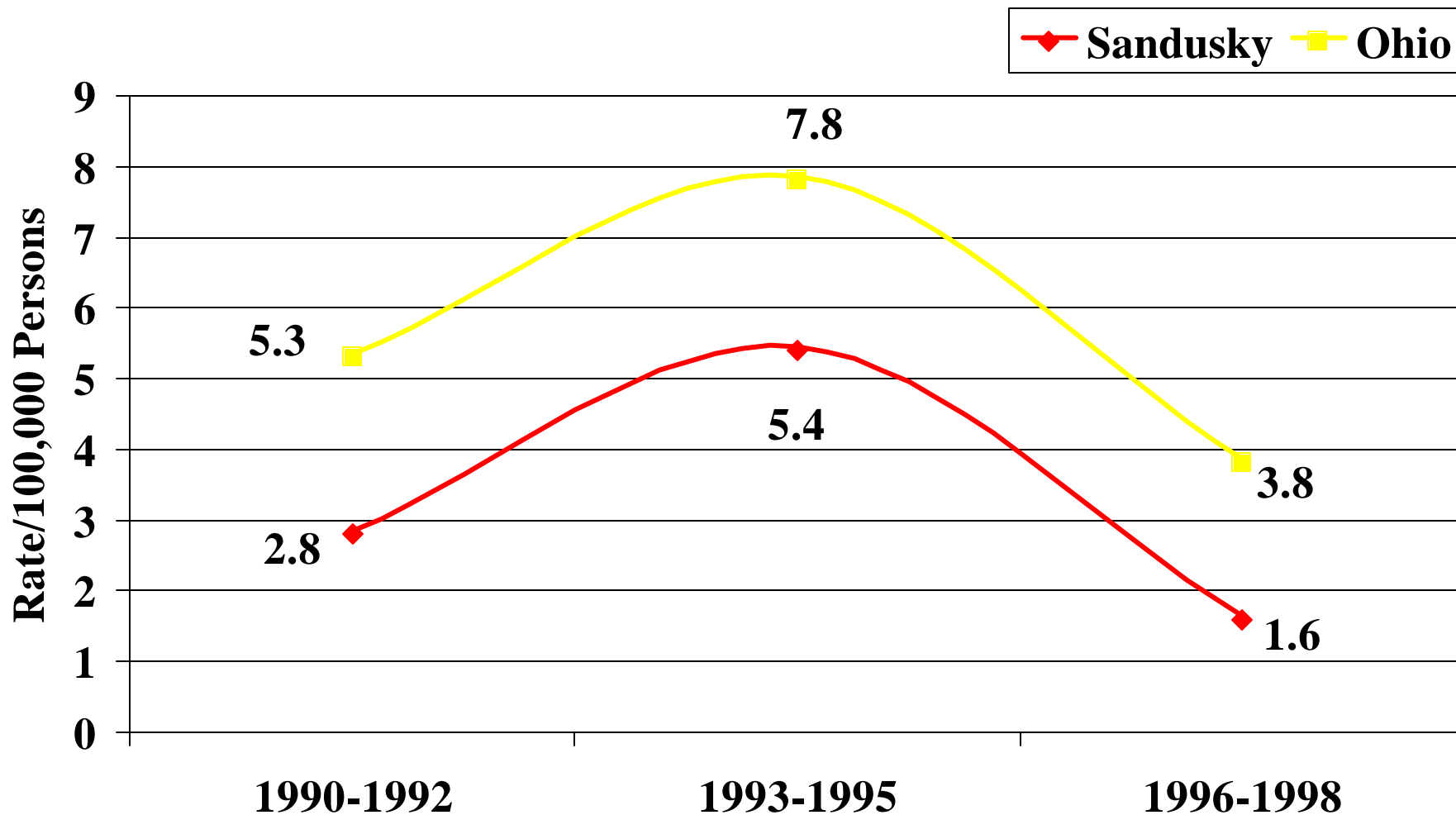


Other Diseases

Compiled for Health Partners by
Fall 2001



Sandusky County HIV Related Deaths Age-Adjusted to 2000 Standard, 1990-1998



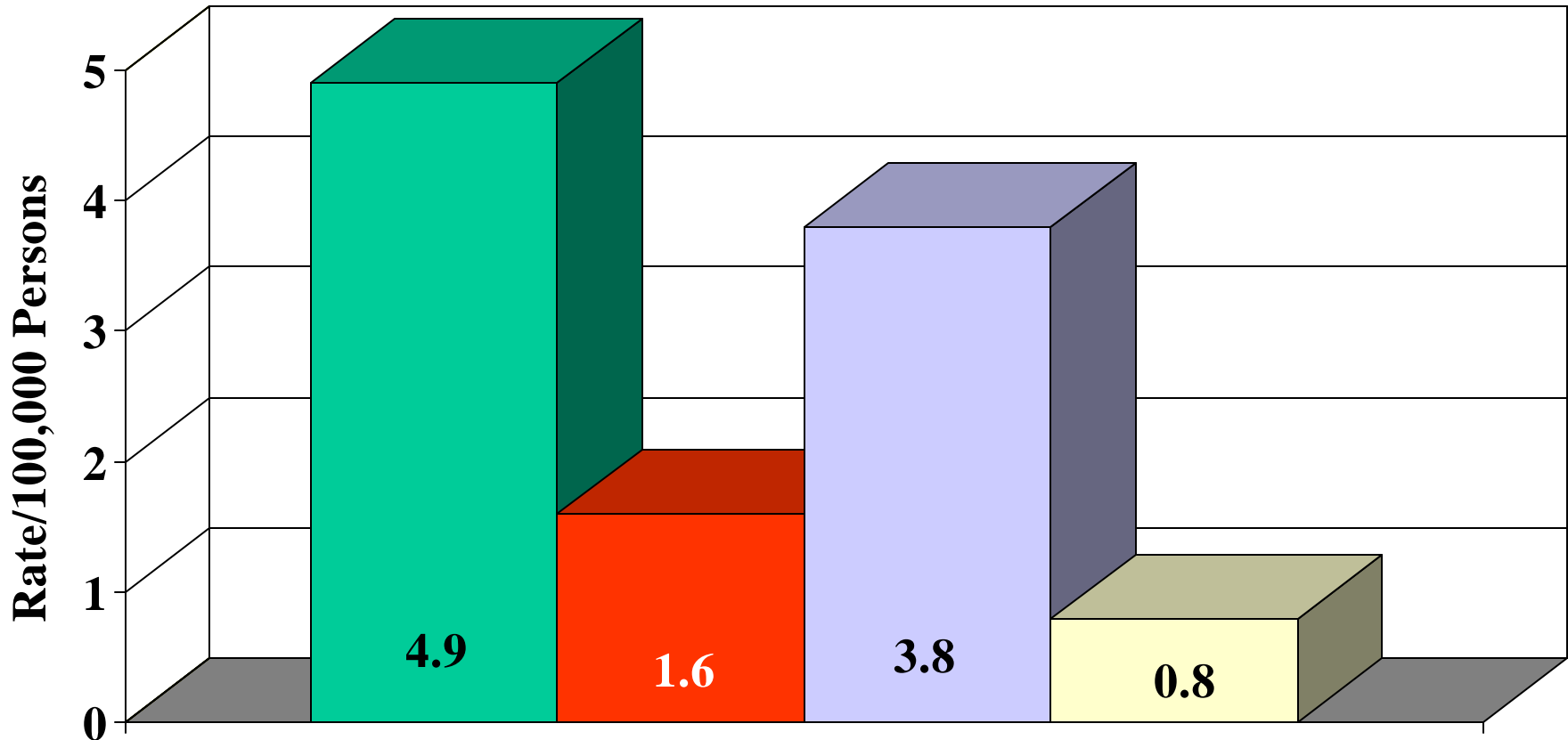
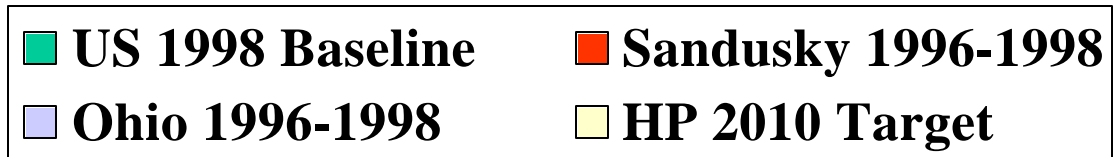
Source: ODH Vital Statistics, 2001

Compiled for Health Partners by
Fall 2001



HIV Deaths

Tracking Healthy People 2010 Objective



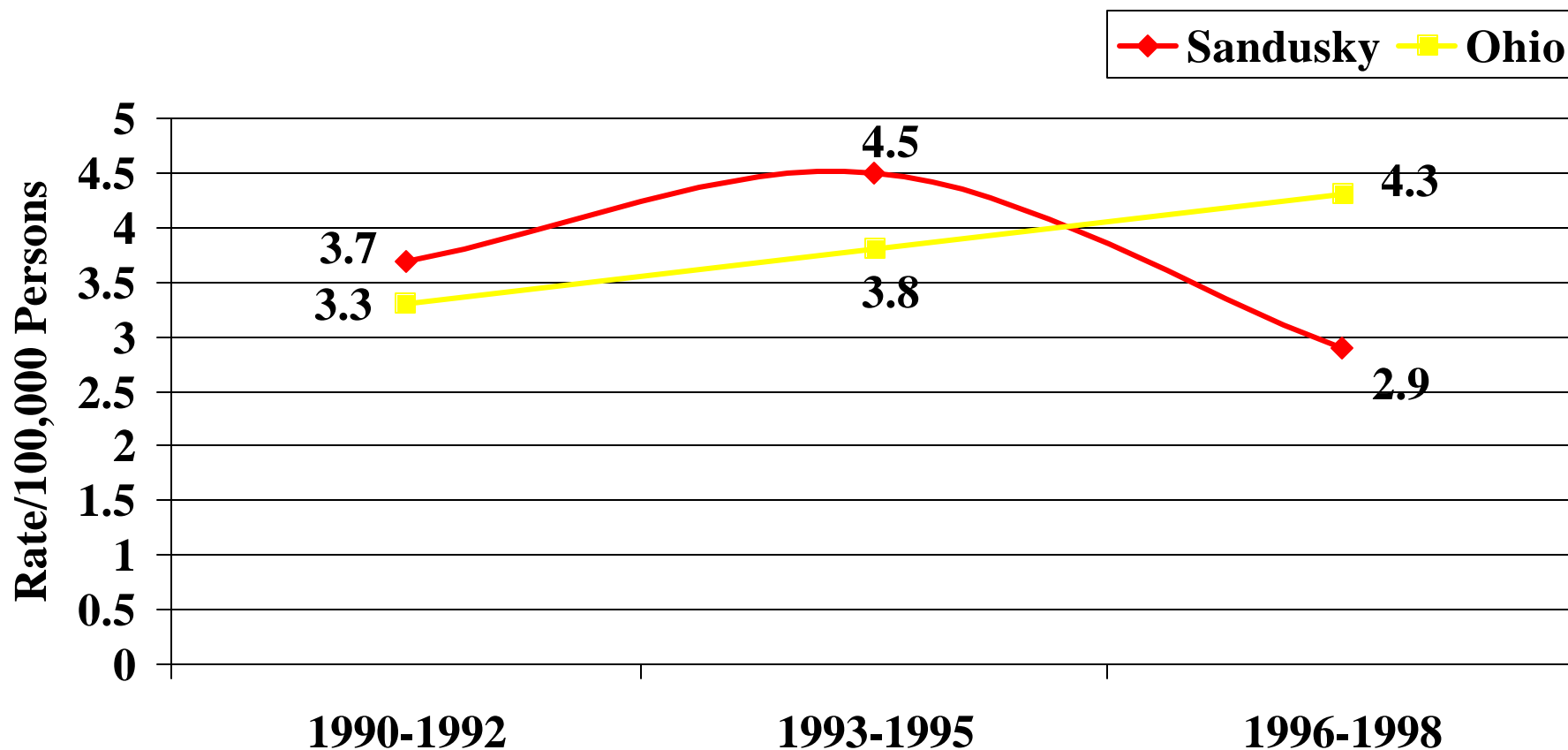
Source: Healthy People 2010, ODH Vital Statistics, 2001

Compiled for Health Partners by
Fall 2001



Sandusky County Hypertension Related Deaths

Age-Adjusted to 2000 Standard, 1990-1998

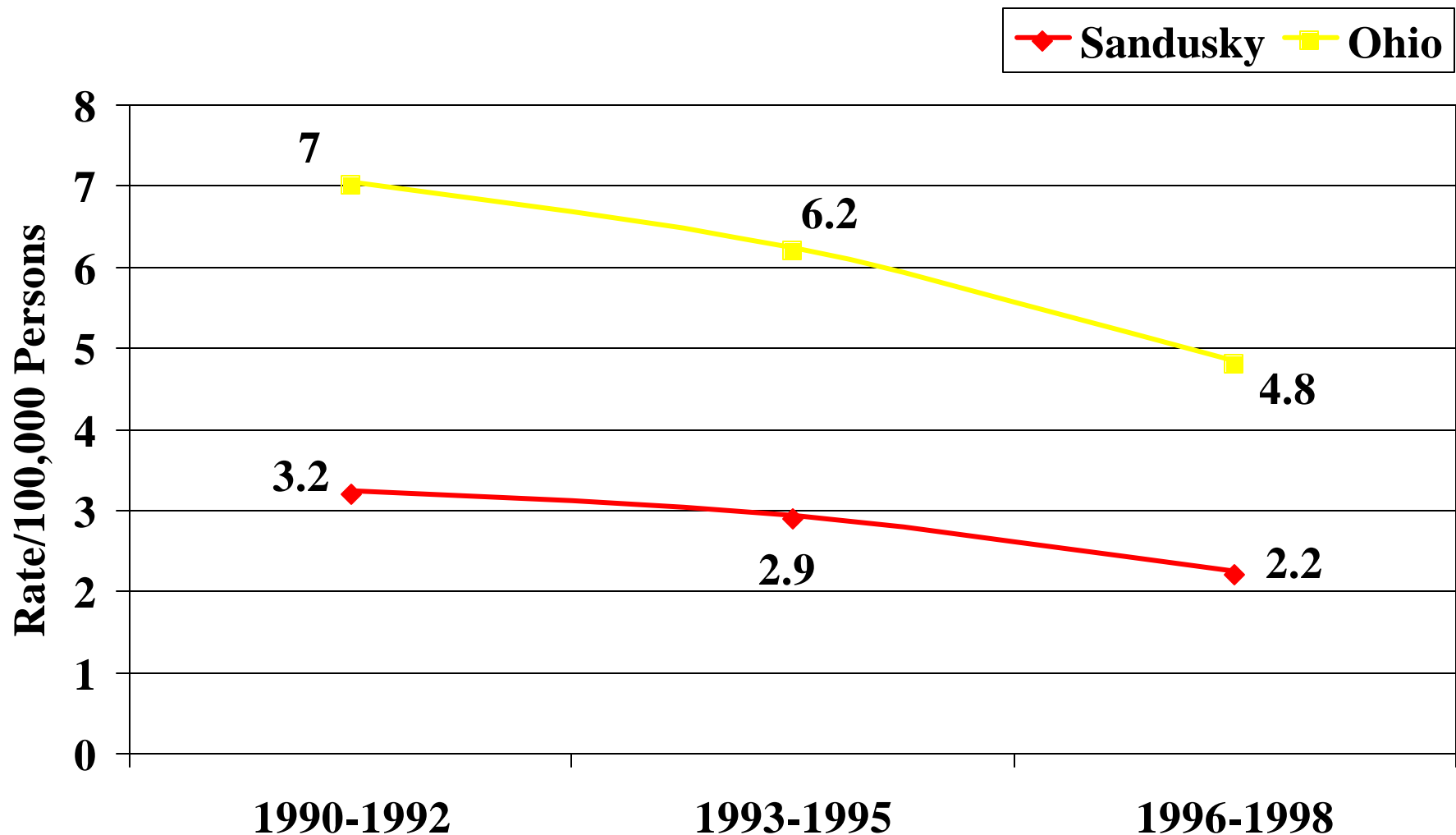


Source: ODH Vital Statistics, 2001

Compiled for Health Partners by
Fall 2001



Sandusky County Homicide Related Deaths Age-Adjusted to 2000 Standard, 1990-1998

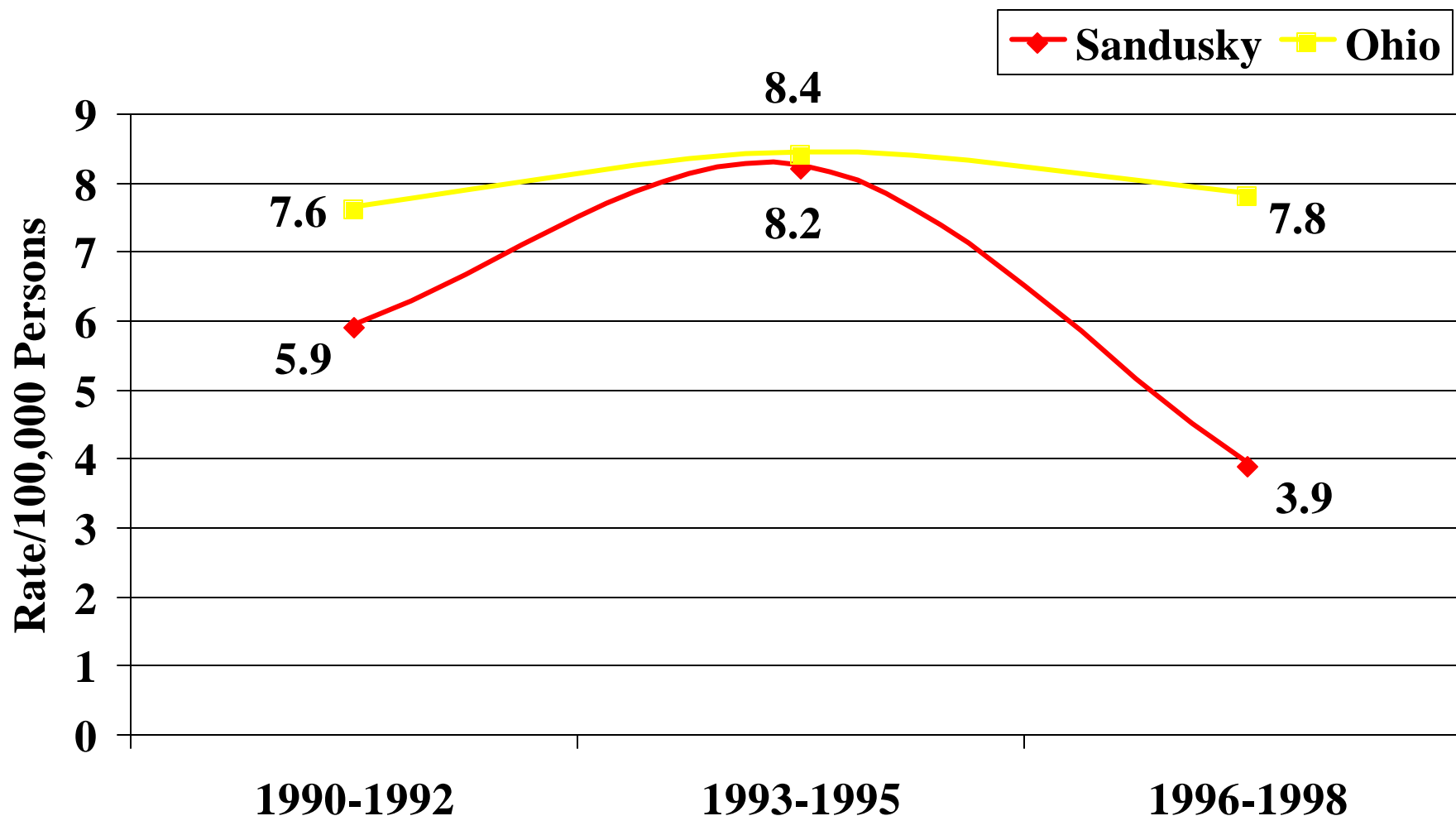


Source: ODH Vital Statistics, 2001

Compiled for Health Partners by
Fall 2001



Sandusky County Septicemia Related Deaths Age-Adjusted to 2000 Standard, 1990-1998



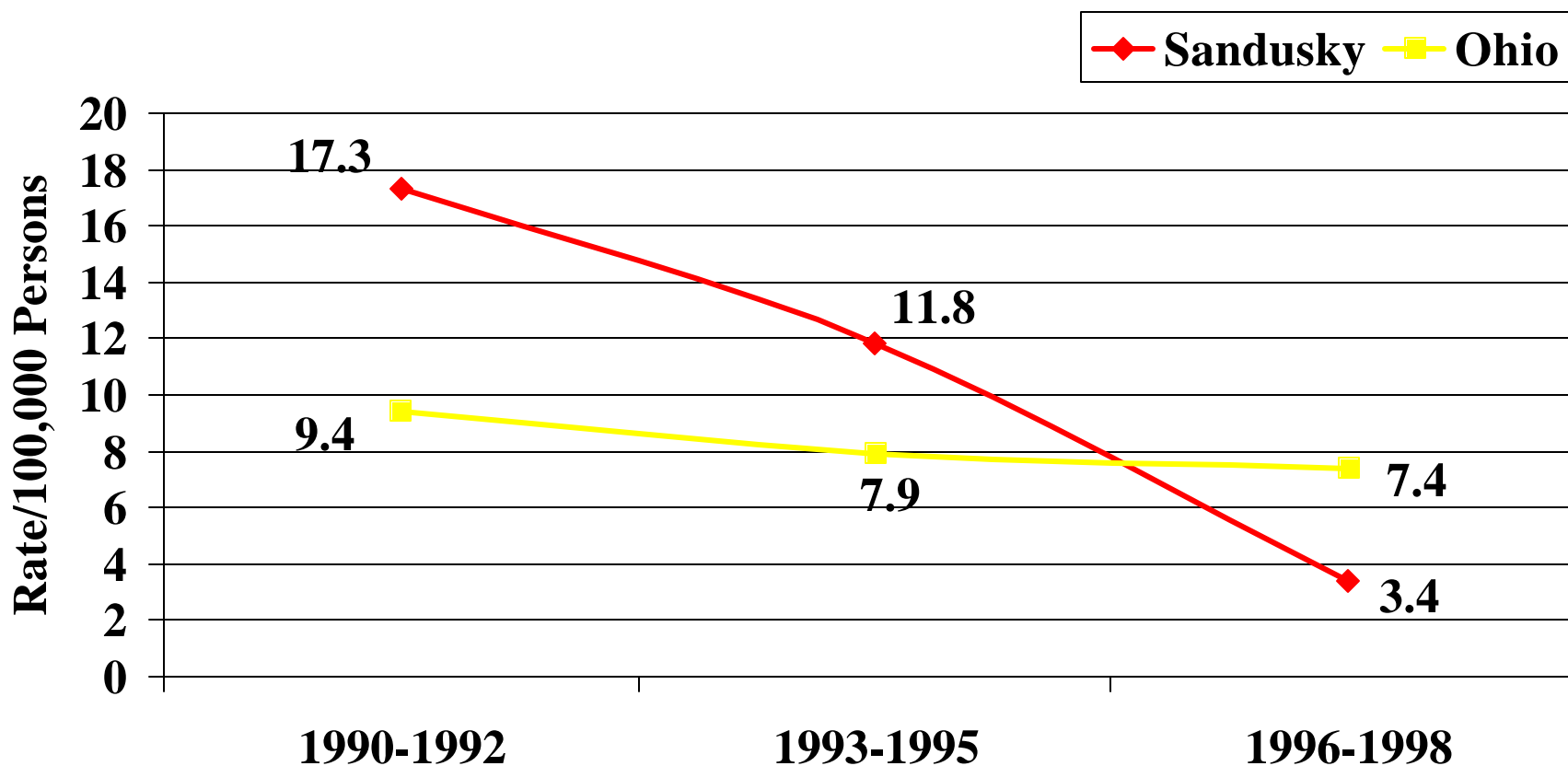
Source: ODH Vital Statistics, 2001

Compiled for Health Partners by
Fall 2001



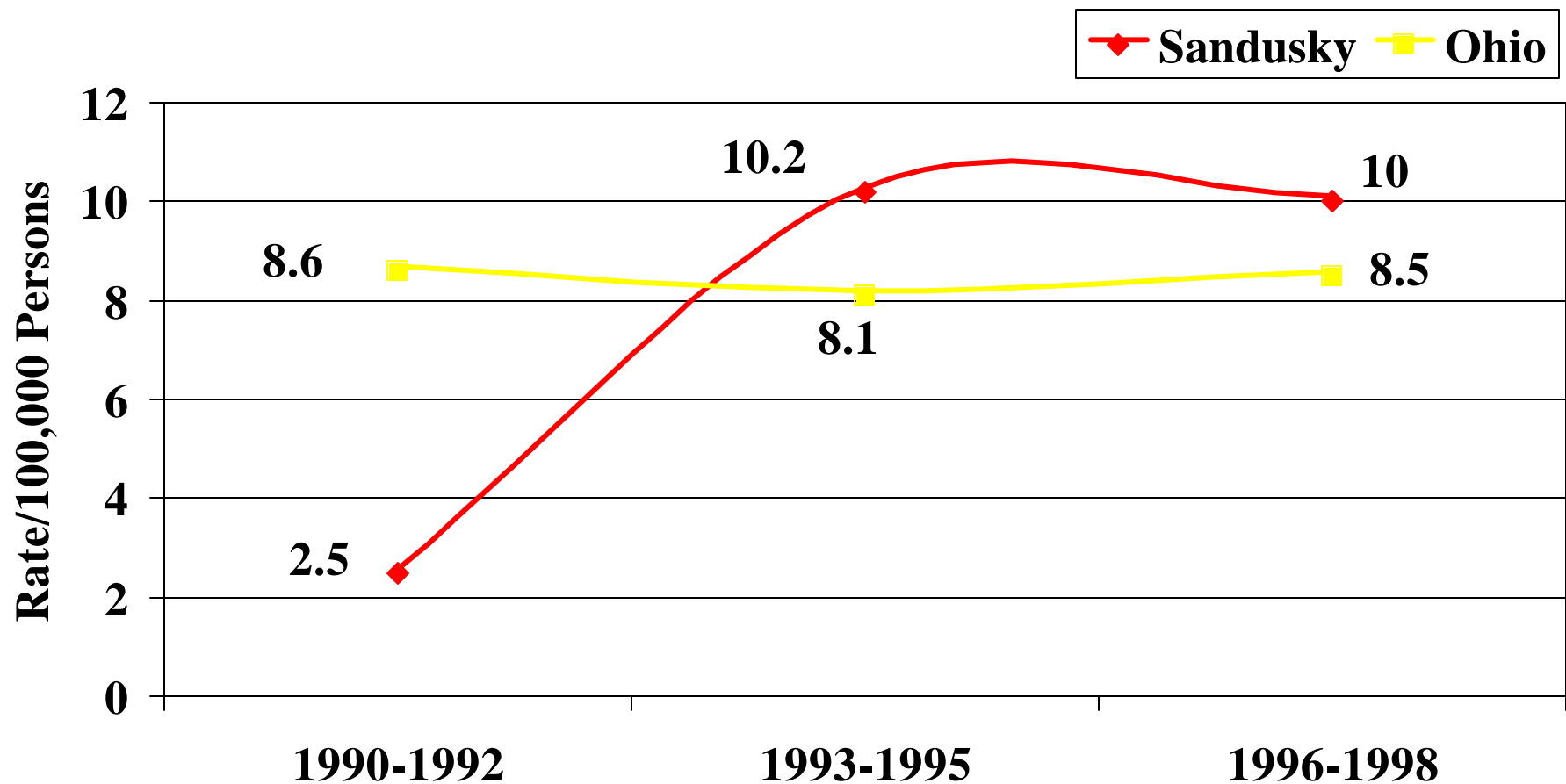
Sandusky County Atherosclerosis Related Deaths

Age-Adjusted to 2000 Standard, 1990-1998



Sandusky County Chronic Liver Disease Related Deaths

Age-Adjusted to 2000 Standard, 1990-1998



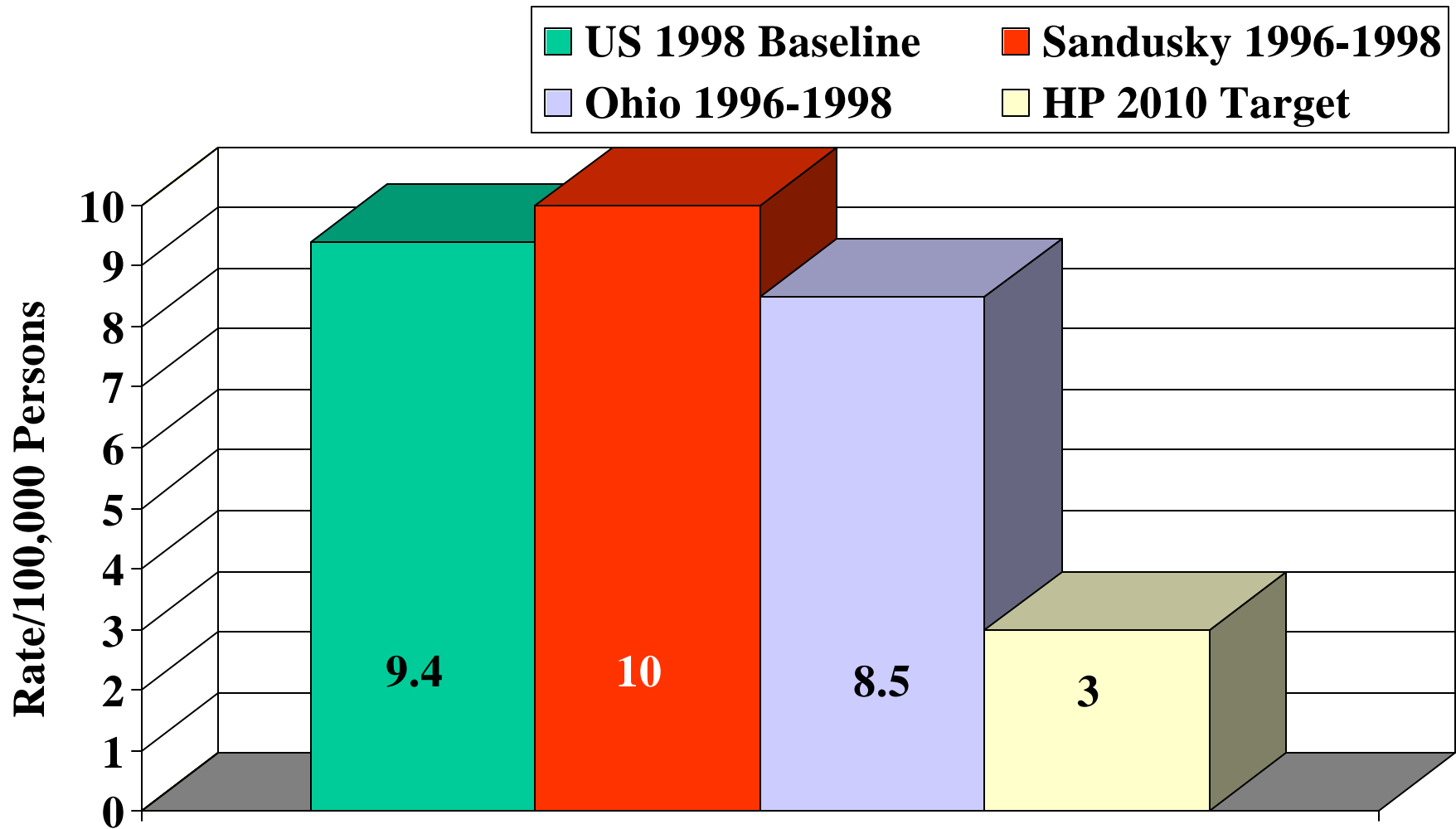
Source: ODH Vital Statistics, 2001

Compiled for Health Partners by
Fall 2001



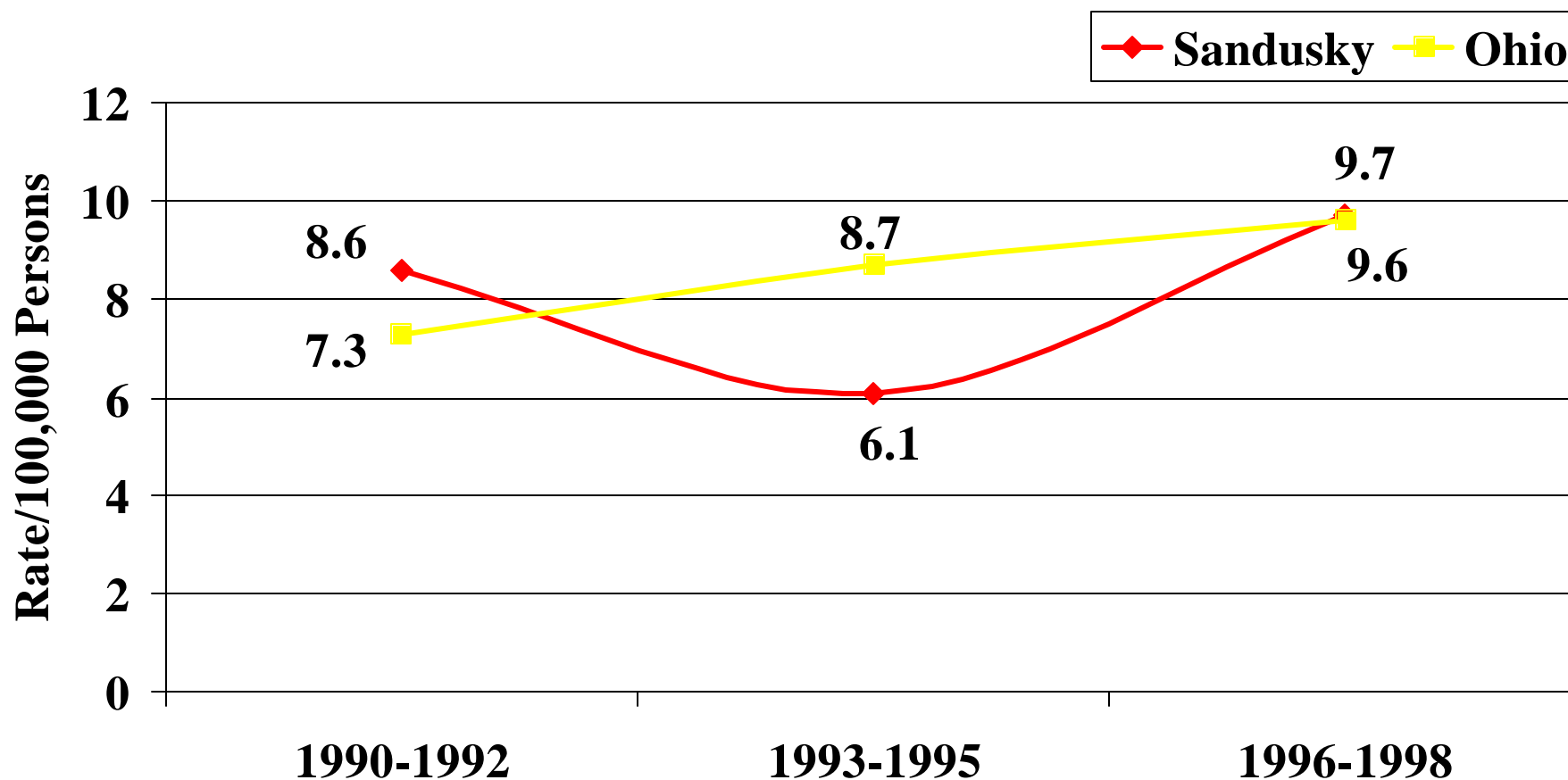
Liver Disease Deaths

Tracking Healthy People 2010 Objective



Sandusky County Alzheimer's Disease Related Deaths

Age-Adjusted to 2000 Standard, 1990-1998



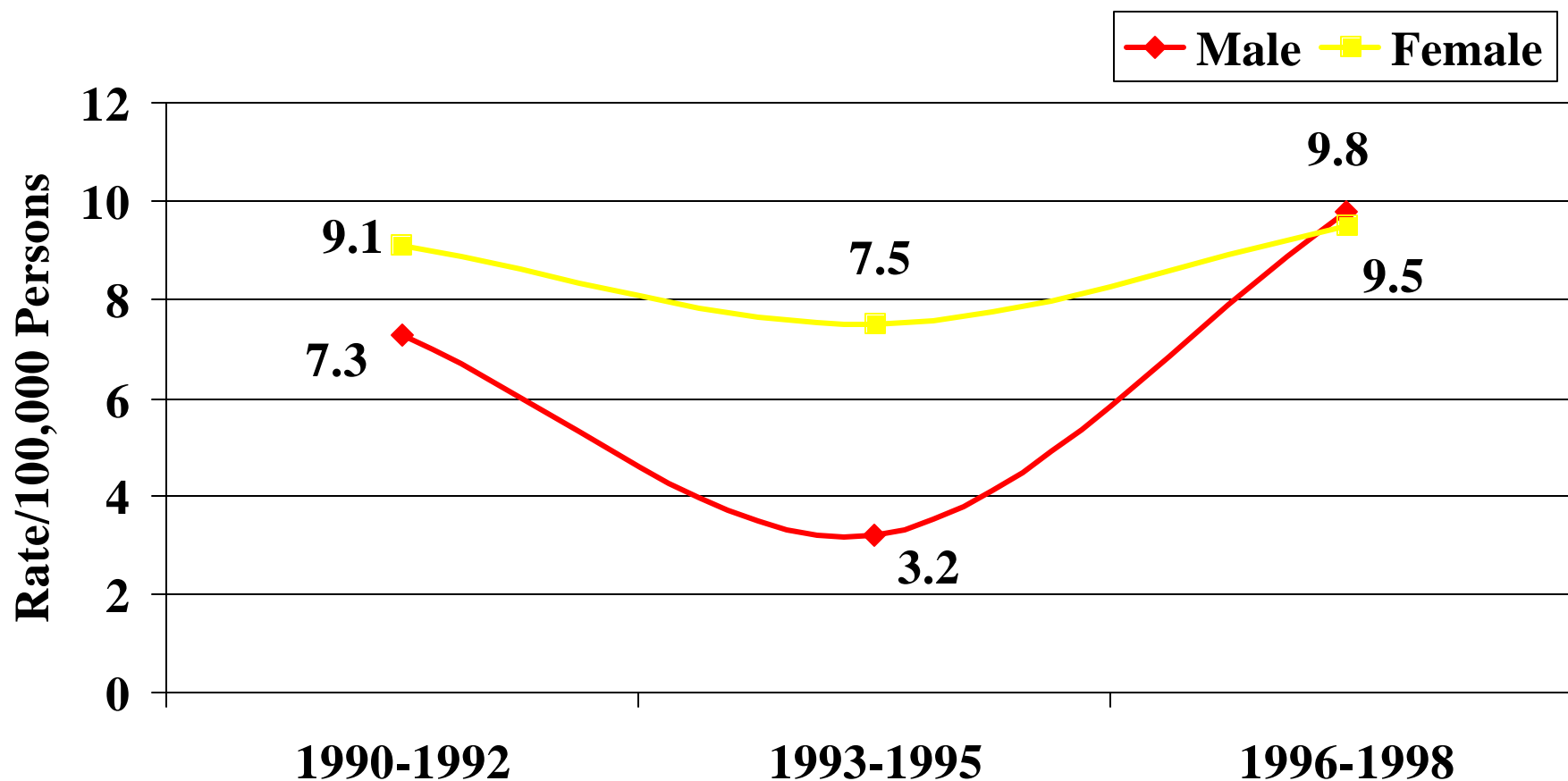
Source: ODH Vital Statistics, 2001

Compiled for Health Partners by
Fall 2001



Sandusky County Alzheimer's Disease Related Deaths

Age-Adjusted to 2000 Standard, 1990-1998

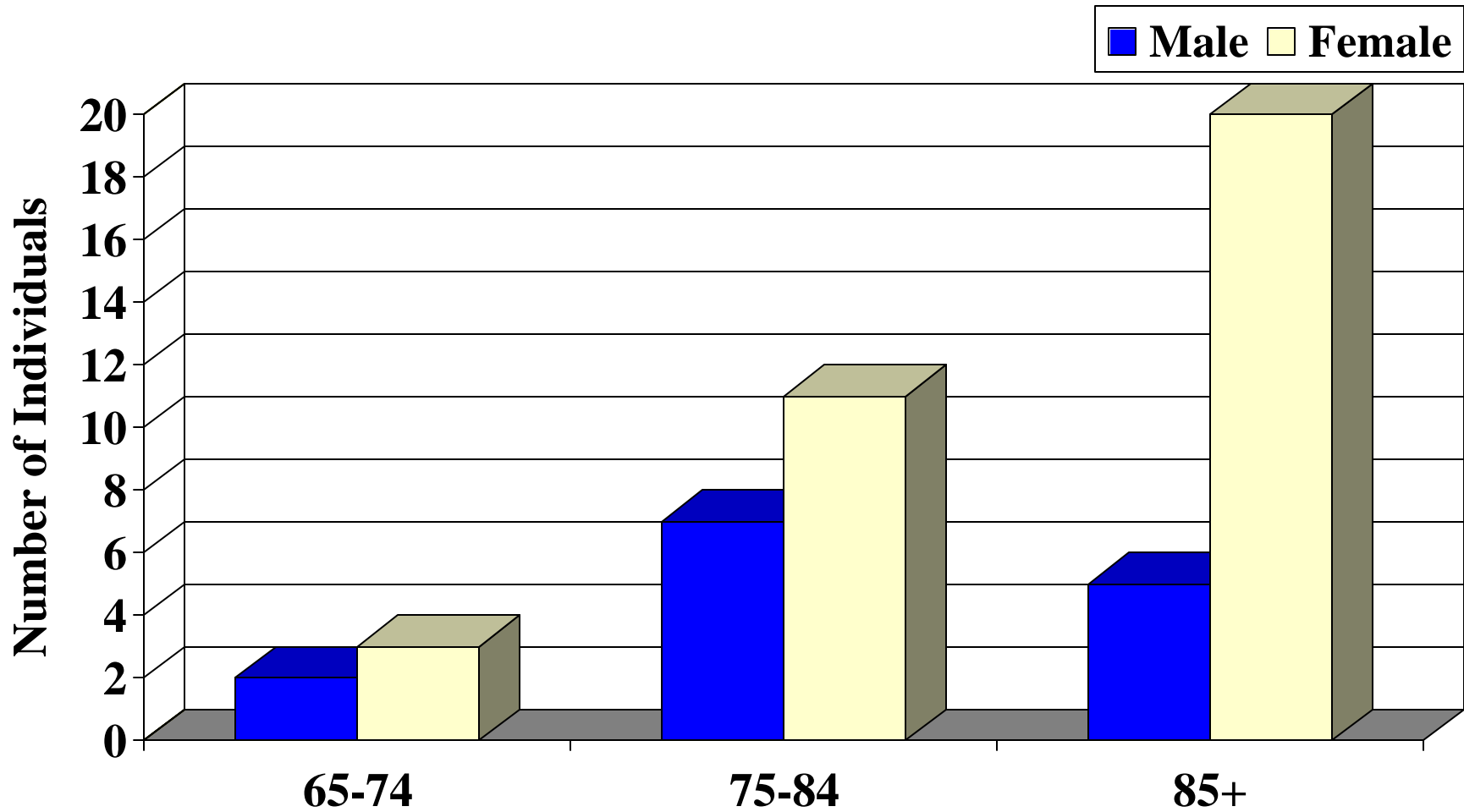


Source: ODH Vital Statistics, 2001

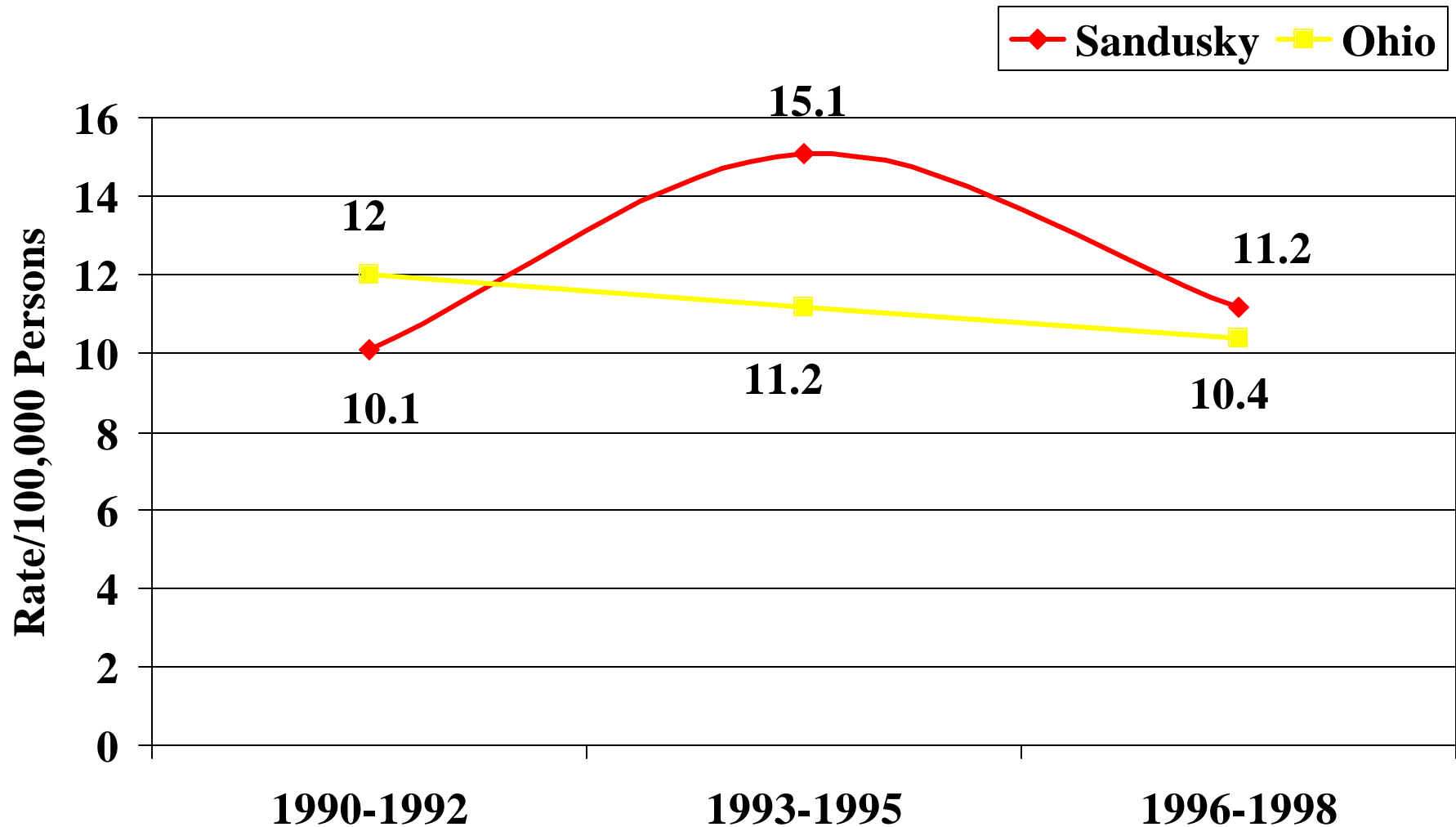
Compiled for Health Partners by
Fall 2001



Age of Alzheimer's Deaths, 1990-1998



Sandusky County Suicide Deaths Age-Adjusted to 2000 Standard, 1990-1998



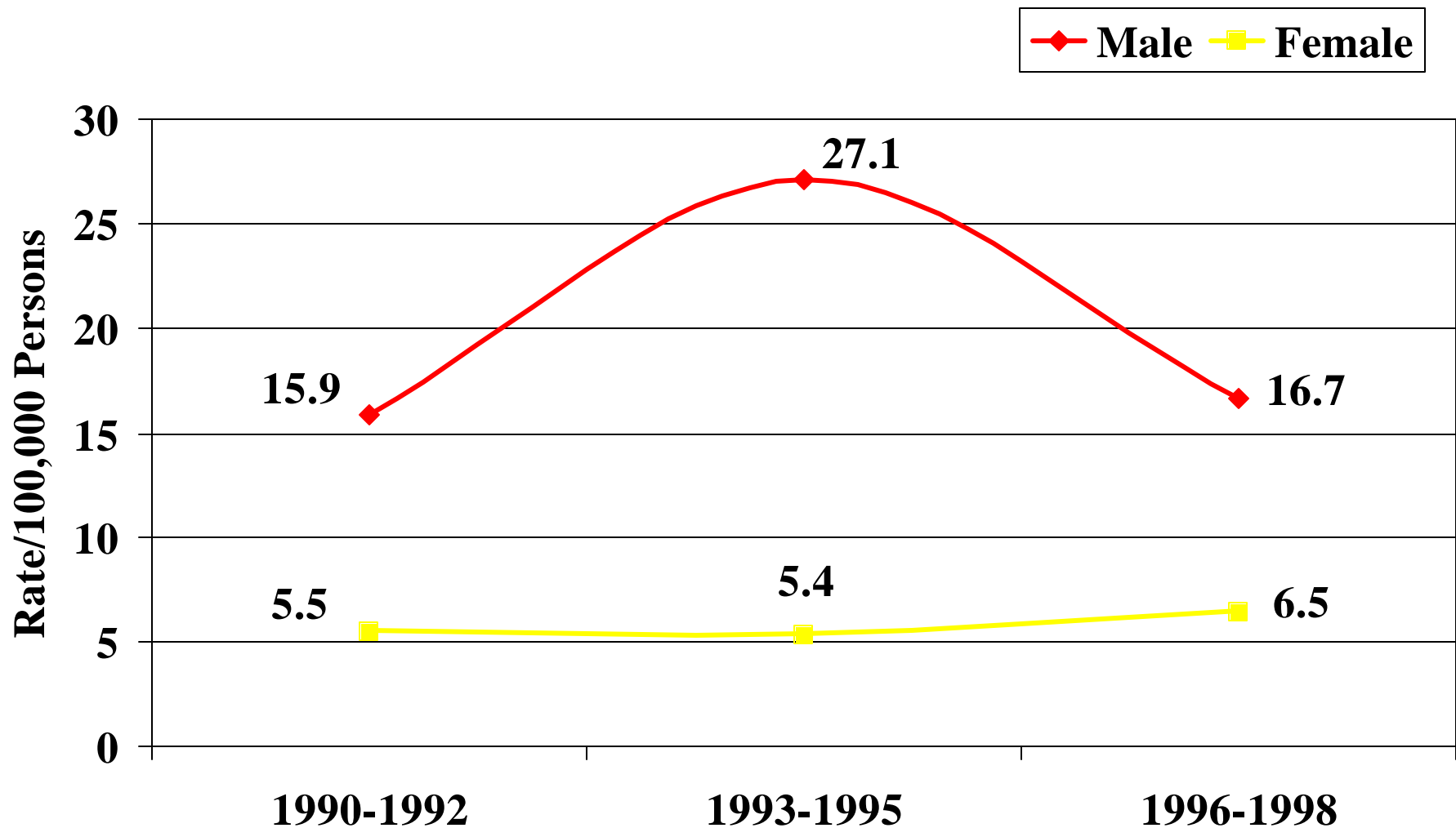
Source: ODH Vital Statistics, 2001

Compiled for Health Partners by
Fall 2001



Sandusky County Suicide Deaths

Age-Adjusted to 2000 Standard, 1990-1998

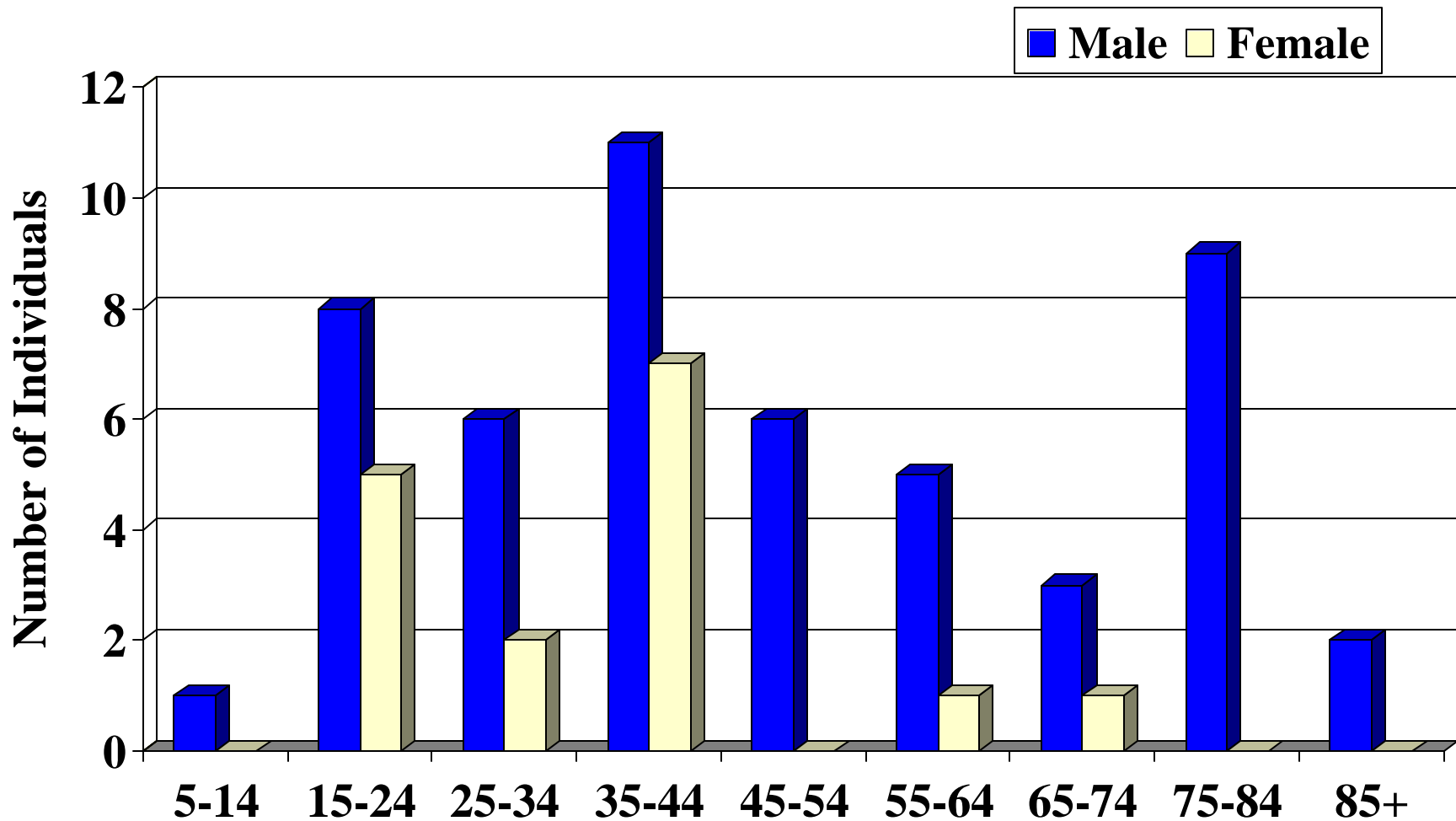


Source: ODH Vital Statistics, 2001

Compiled for Health Partners by
Fall 2001



Age of Sandusky County Residents at Time of Suicide, 1990-1998



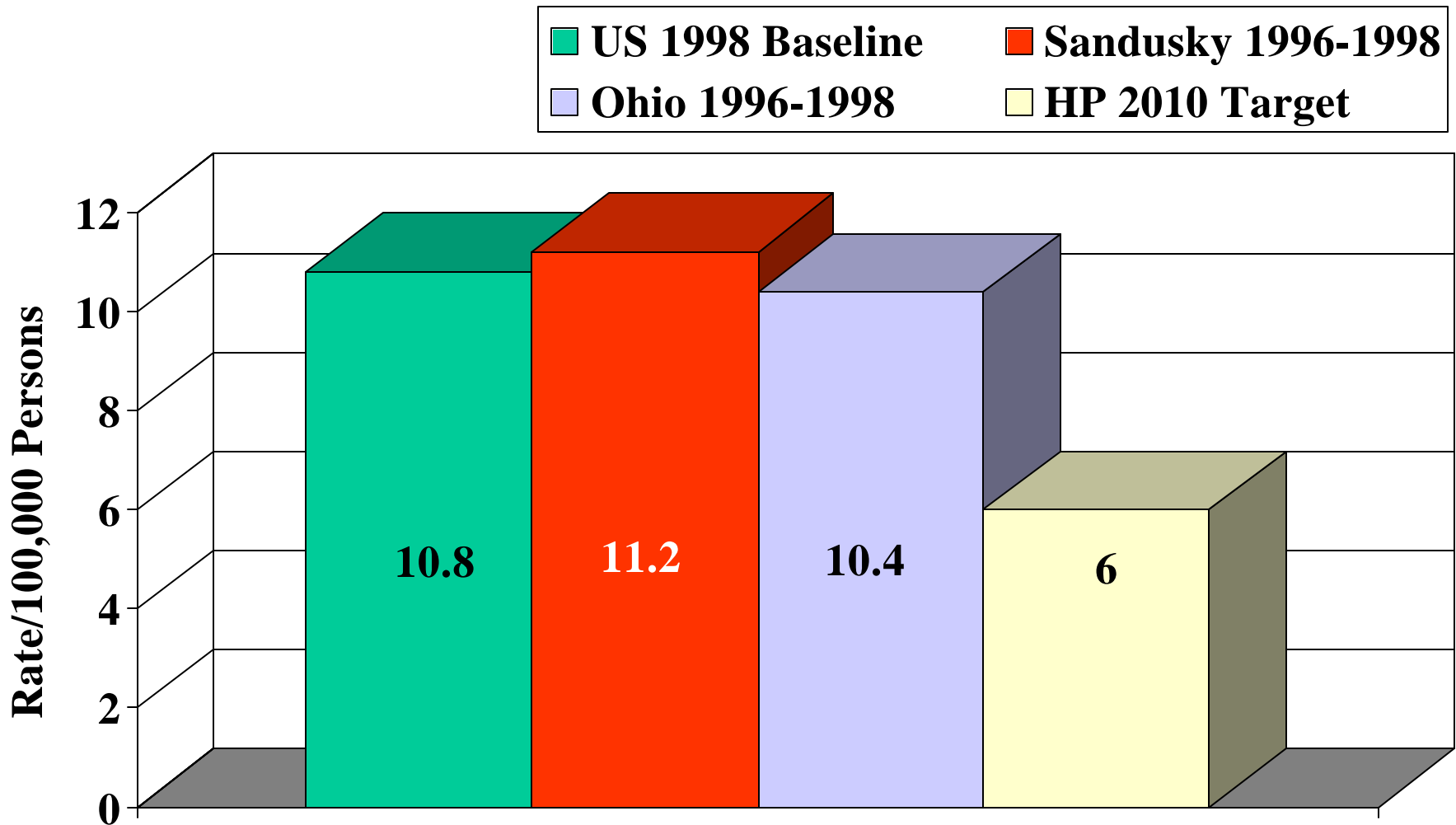
Source: ODH Vital Statistics, 2001

Compiled for Health Partners by
Fall 2001



Suicide Deaths

Tracking Healthy People 2010 Objective



Source: Healthy People 2010, ODH Vital Statistics, 2001

Compiled for Health Partners by
Fall 2001

