

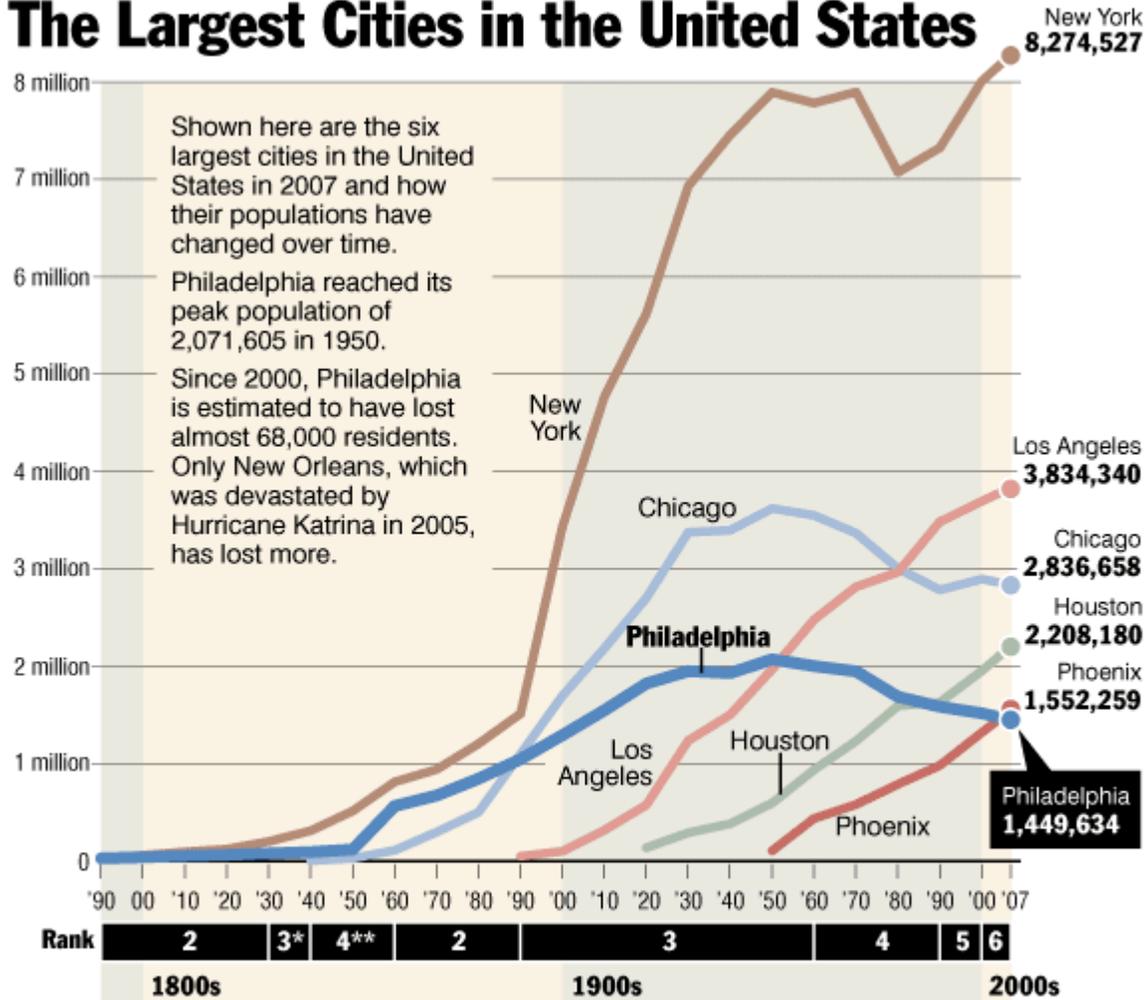
Socio-economics, Health and Immigration in Philadelphia

Giridhar Mallya, MD, MSHP
Philadelphia Department of Public Health

7.6.09



The Largest Cities in the United States



* Behind New York and Baltimore

** Behind New York, Baltimore and New Orleans (1840), and New York, Baltimore and Boston (1850)

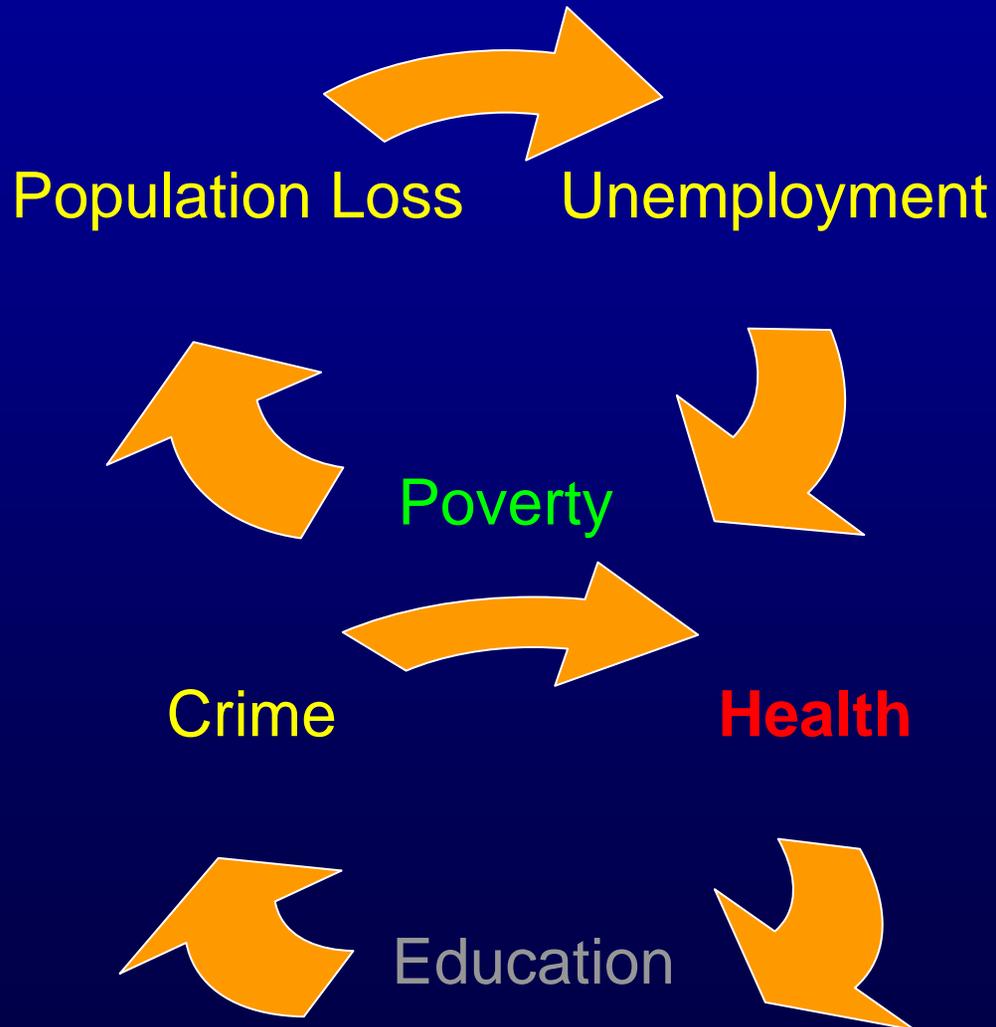
SOURCE: U.S. Census Bureau

JOHN DUCHNESKIE / Inquirer Staff Artist

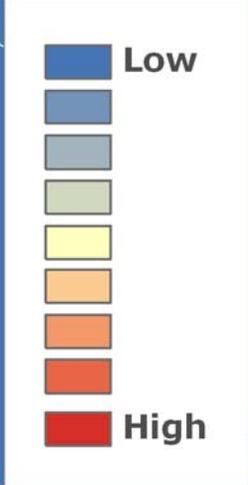
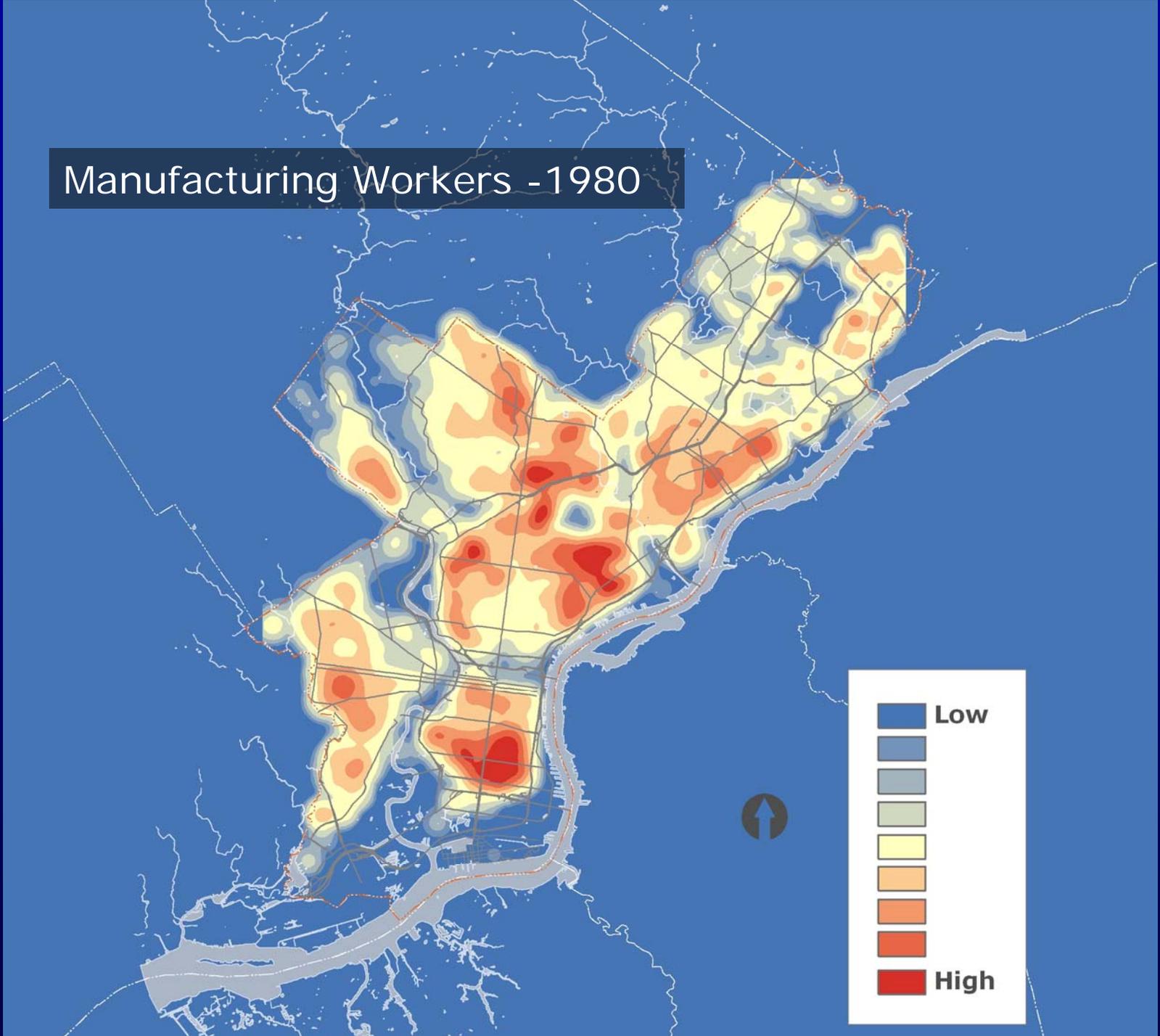
10 Largest U.S. Cities

Rank	1960	2007
1	New York City	New York City
2	Chicago	Los Angeles
3	Los Angeles	Chicago
4	Philadelphia	Houston
5	Detroit	Phoenix
6	Baltimore	Philadelphia
7	Houston	San Antonio
8	Cleveland	San Diego
9	Washington, DC	Dallas
10	St. Louis	San Jose

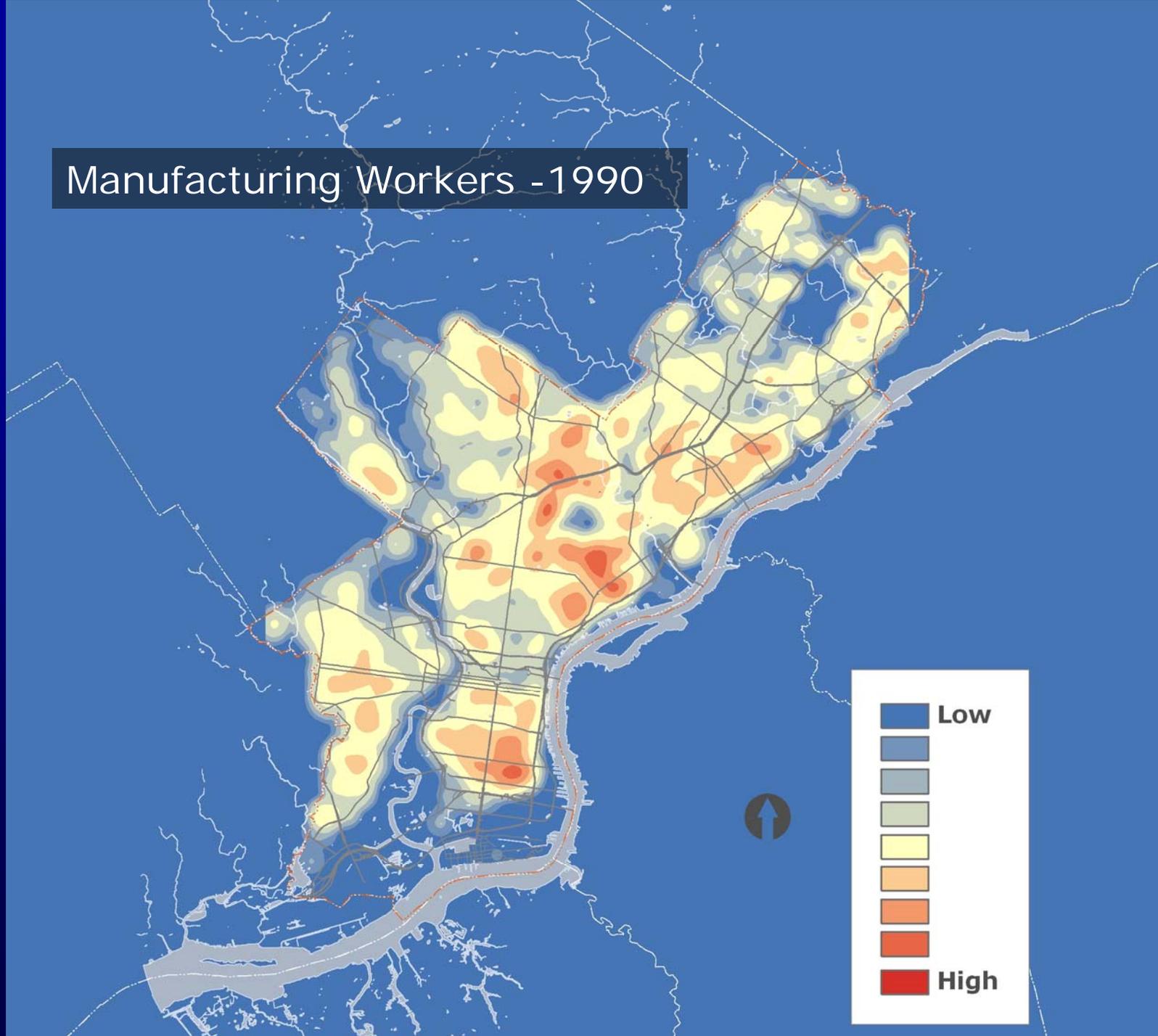
Interlocking Cycles of Disadvantage



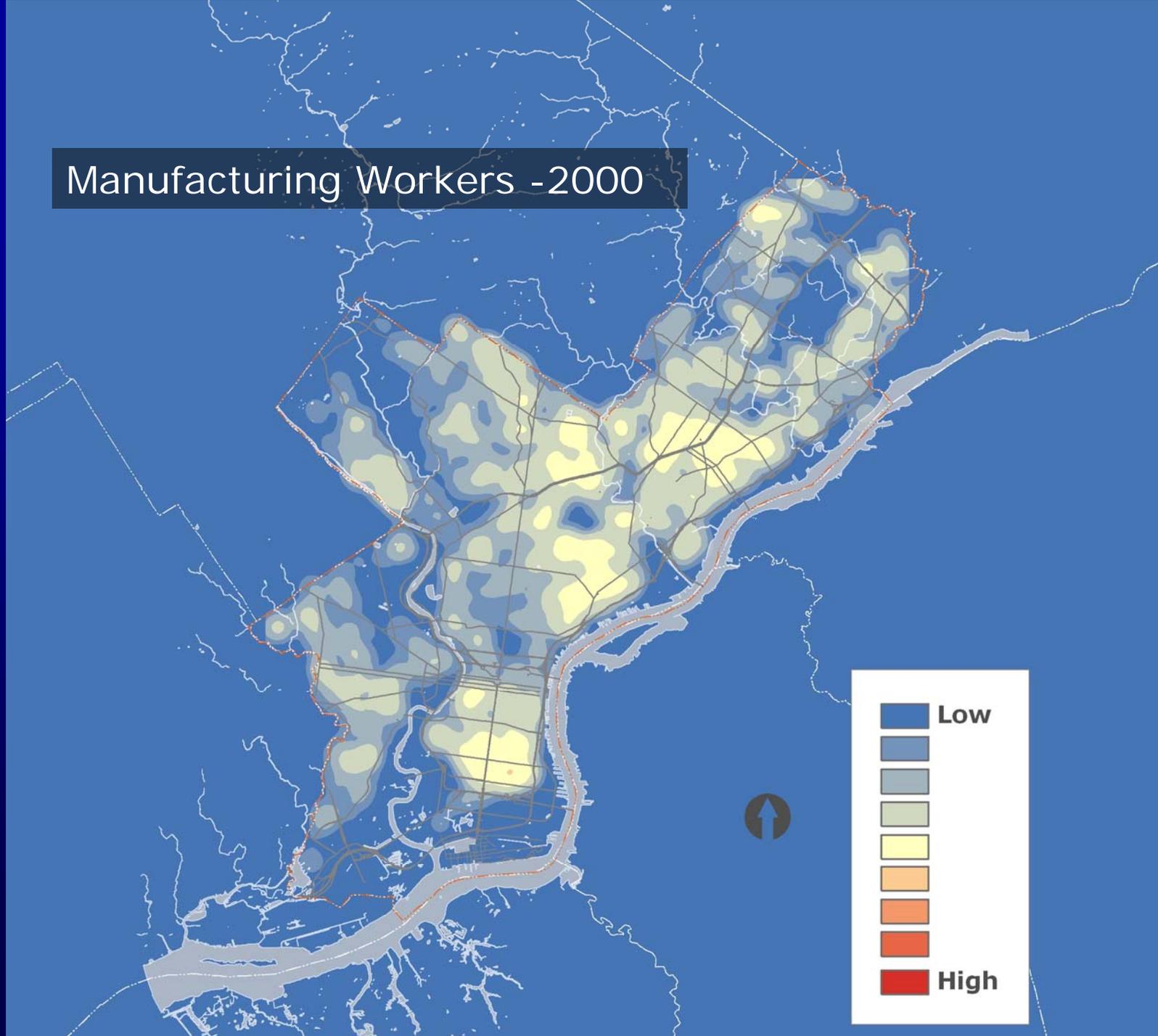
Manufacturing Workers - 1980

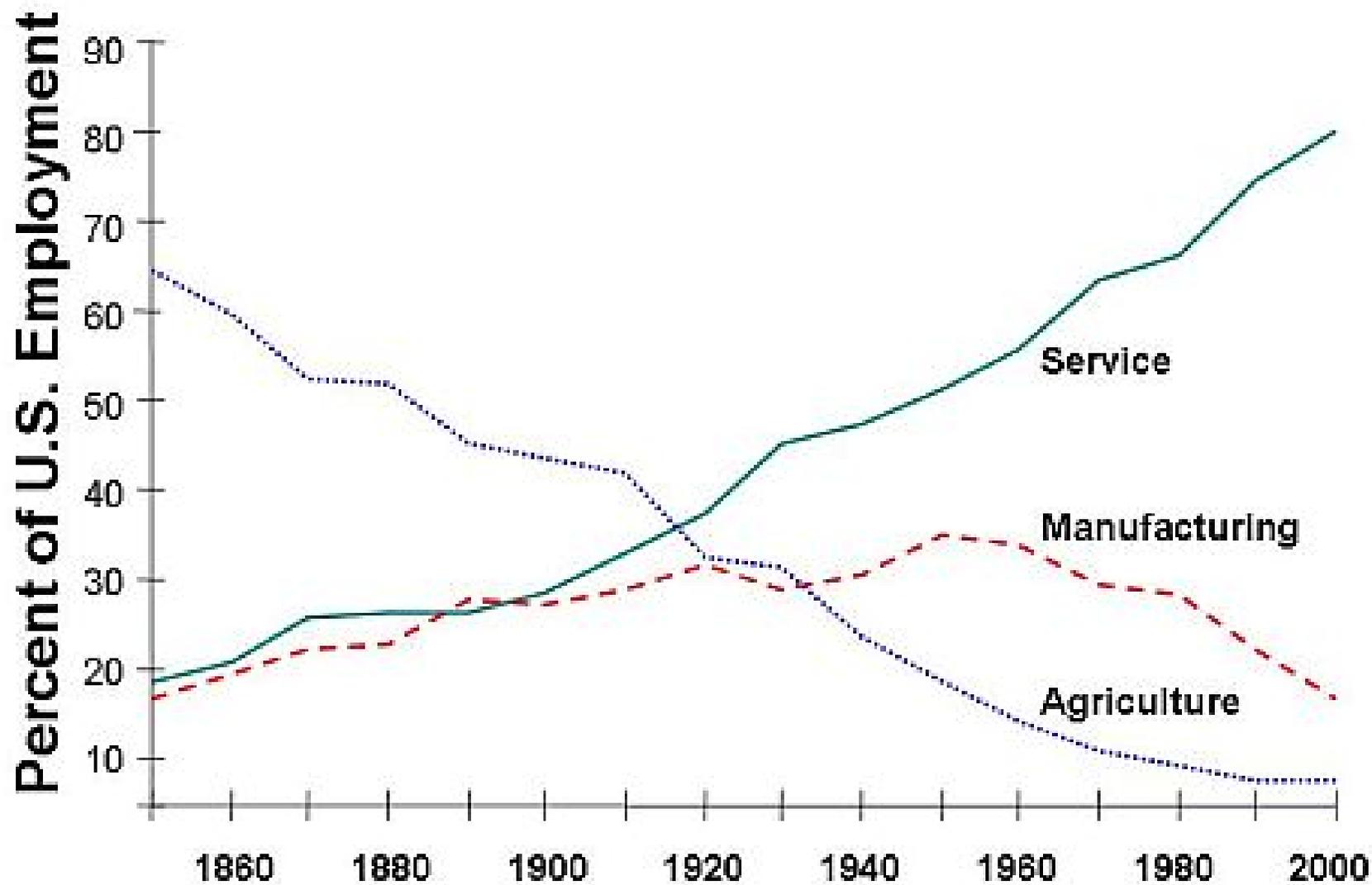


Manufacturing Workers - 1990



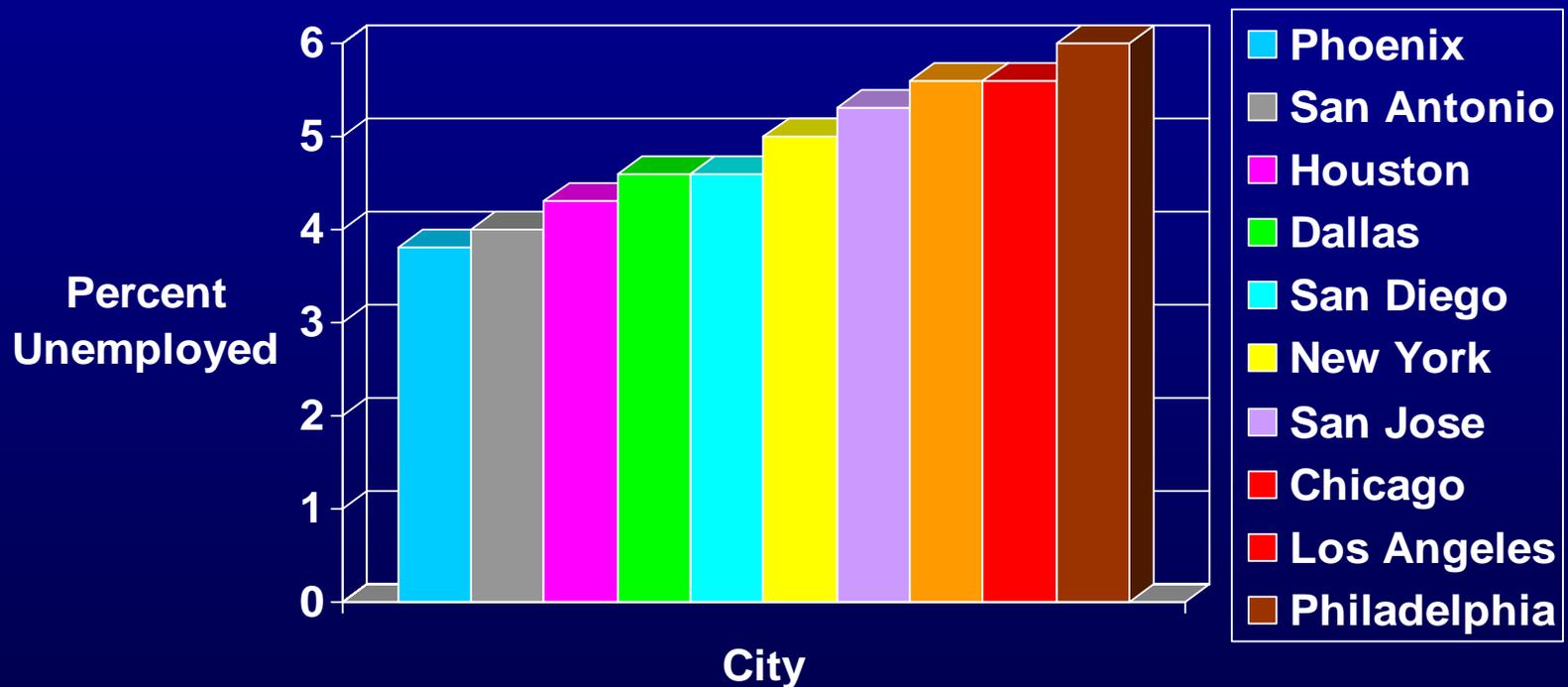
Manufacturing Workers - 2000



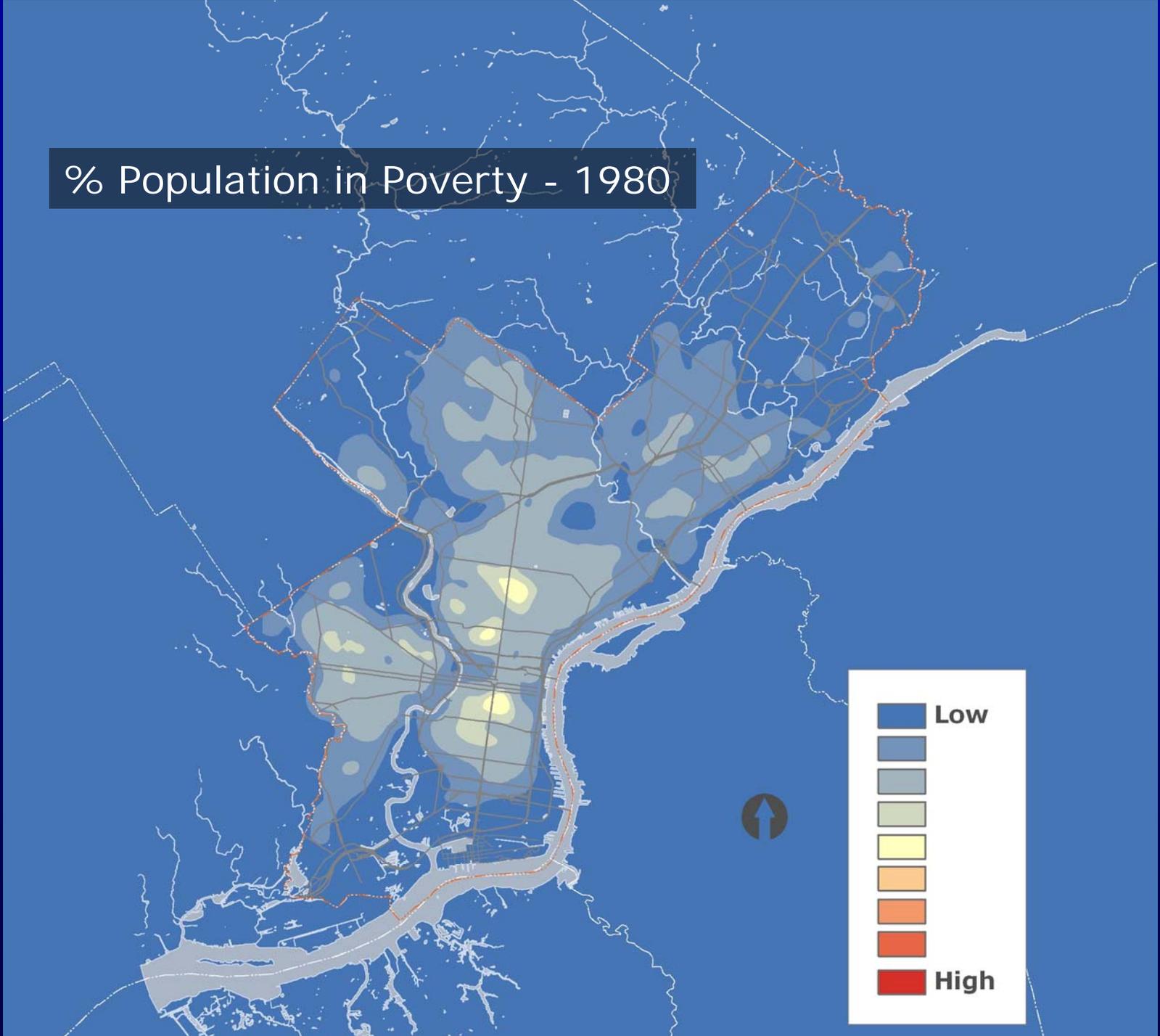


Source: U.S. Department of Commerce, Bureau of the Census 2003

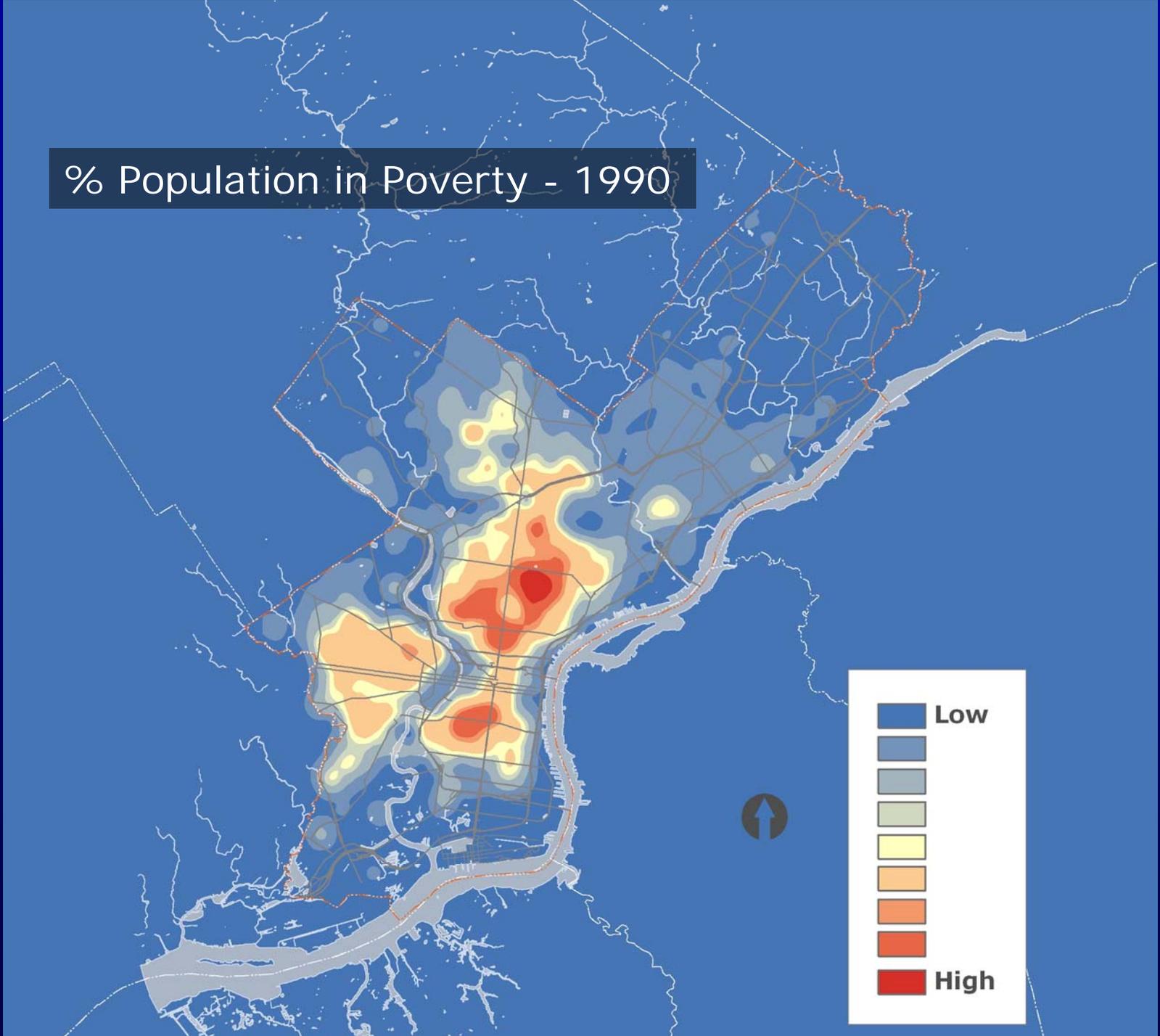
Top 10 Most Populous Cities Unemployment, 2007



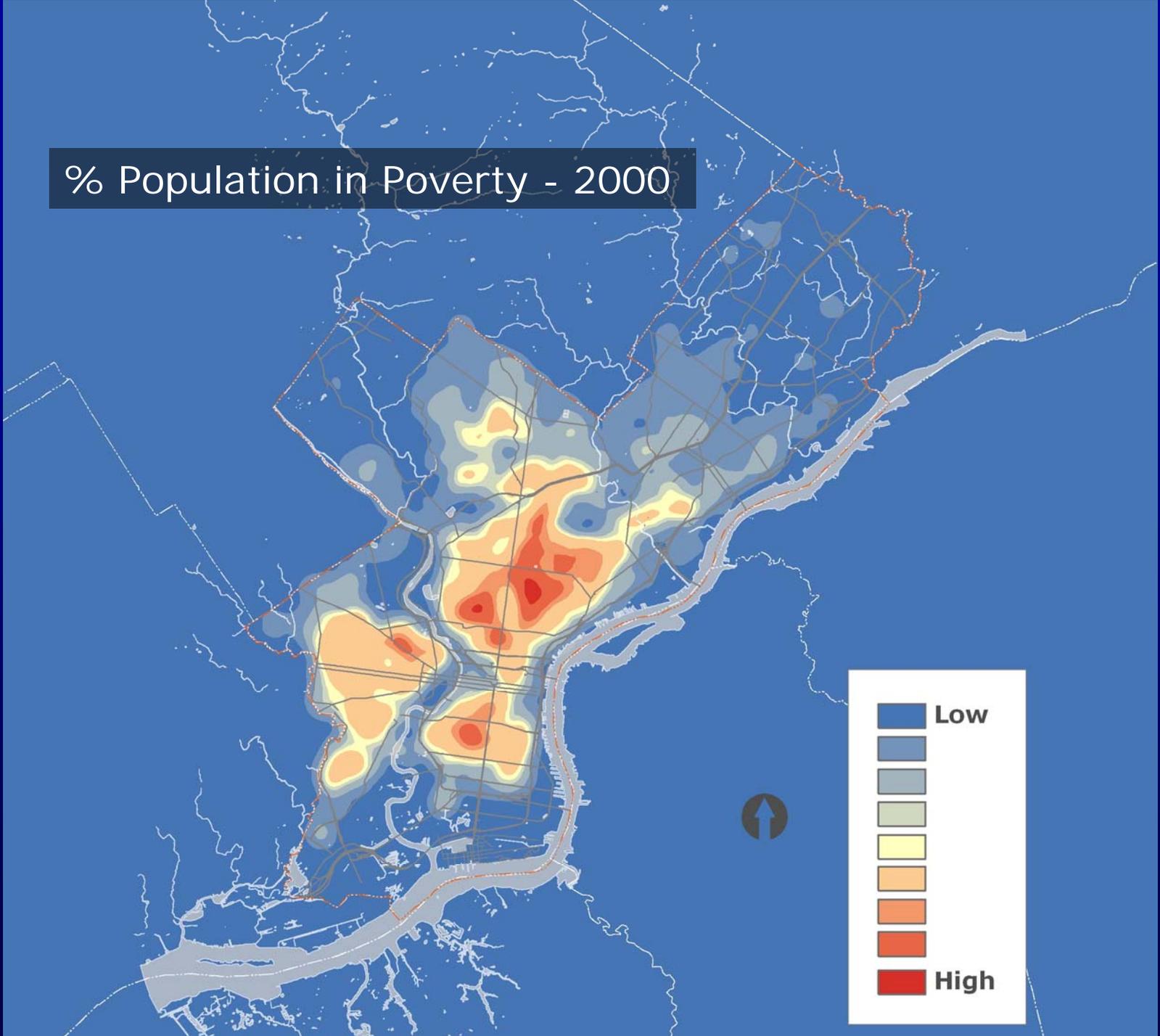
% Population in Poverty - 1980



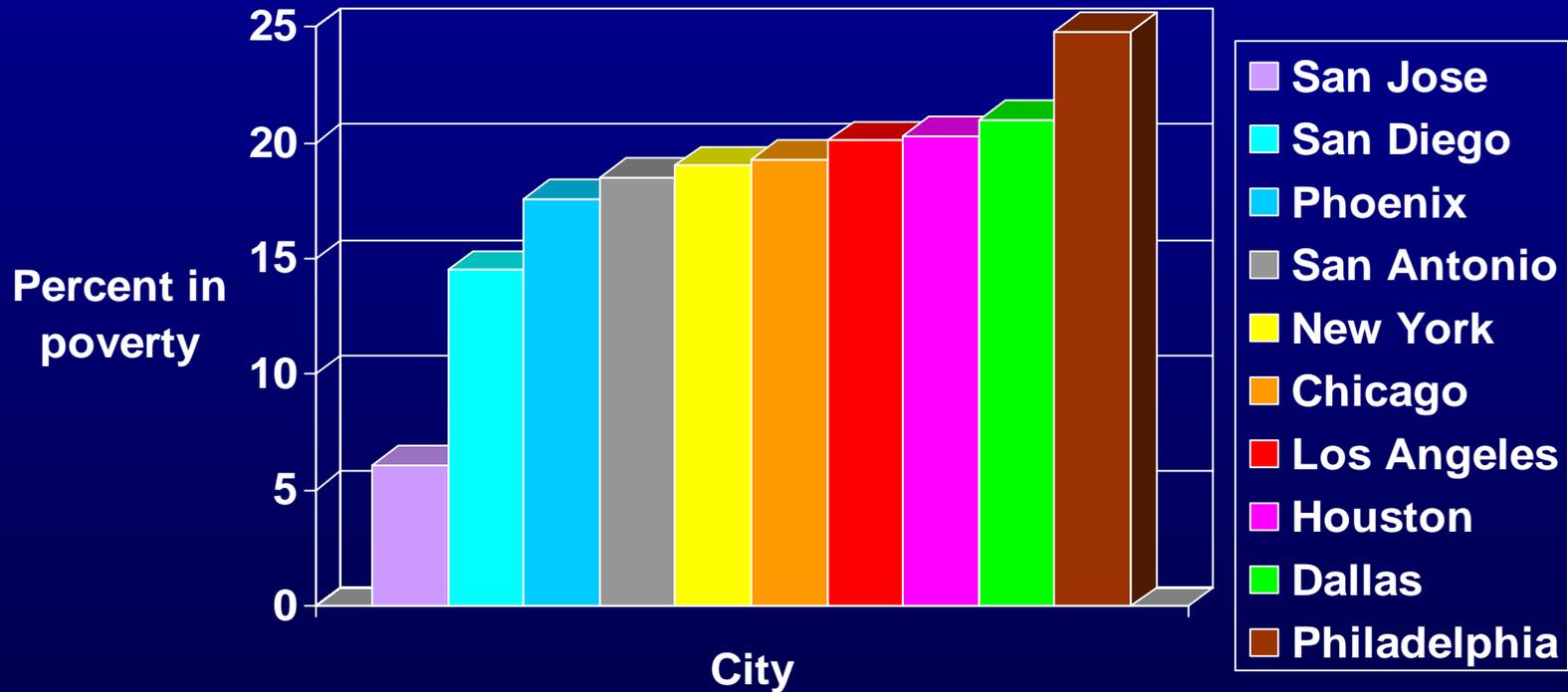
% Population in Poverty - 1990



% Population in Poverty - 2000

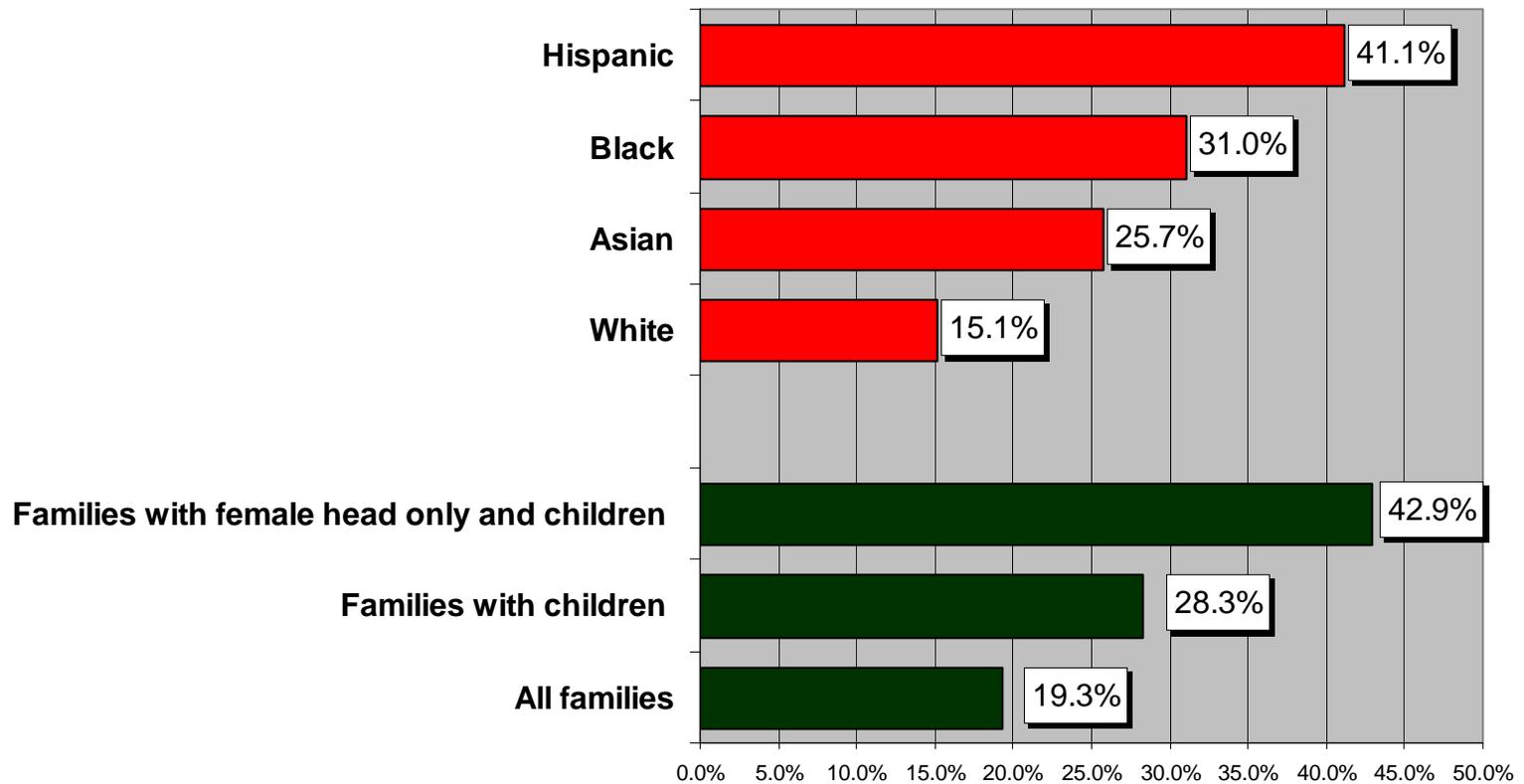


Top 10 Cities' Poverty Rate

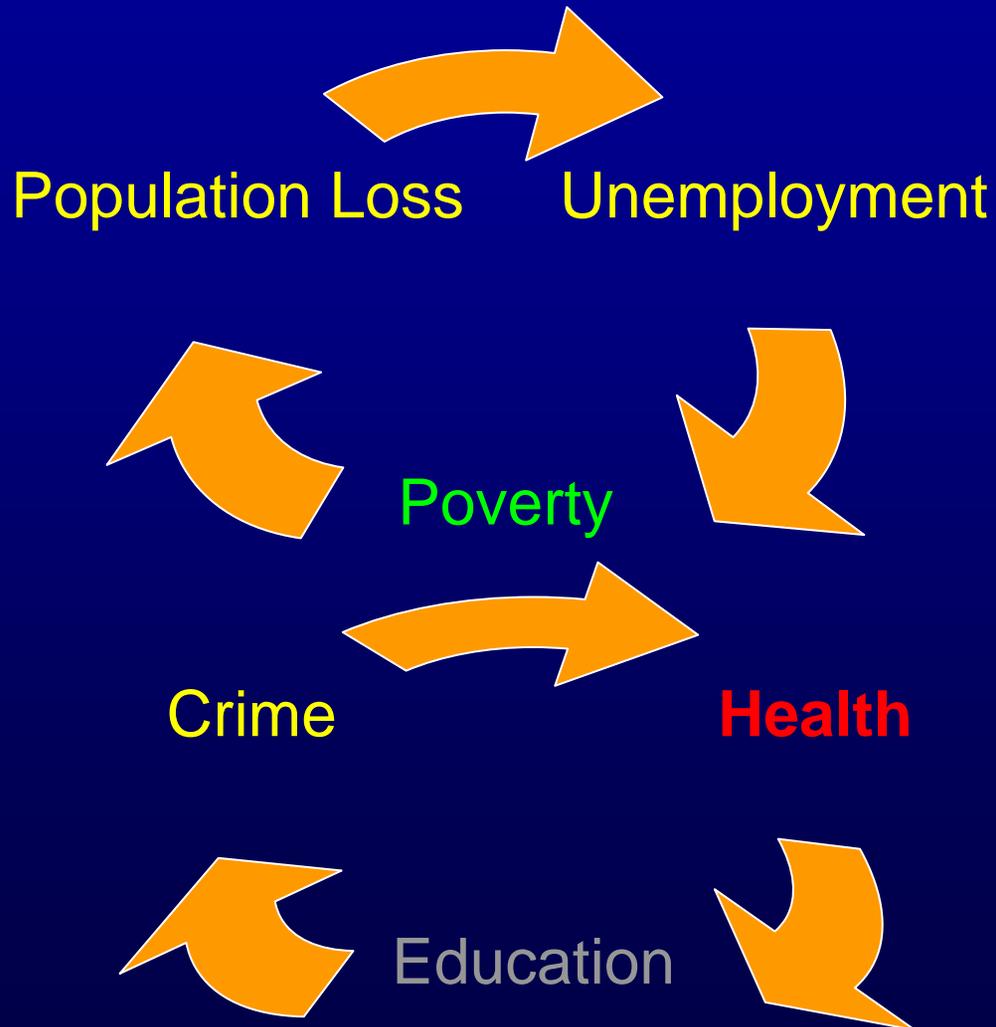


Poverty by race-ethnicity and household structure

Philadelphia Poverty Estimates, 2005-2007

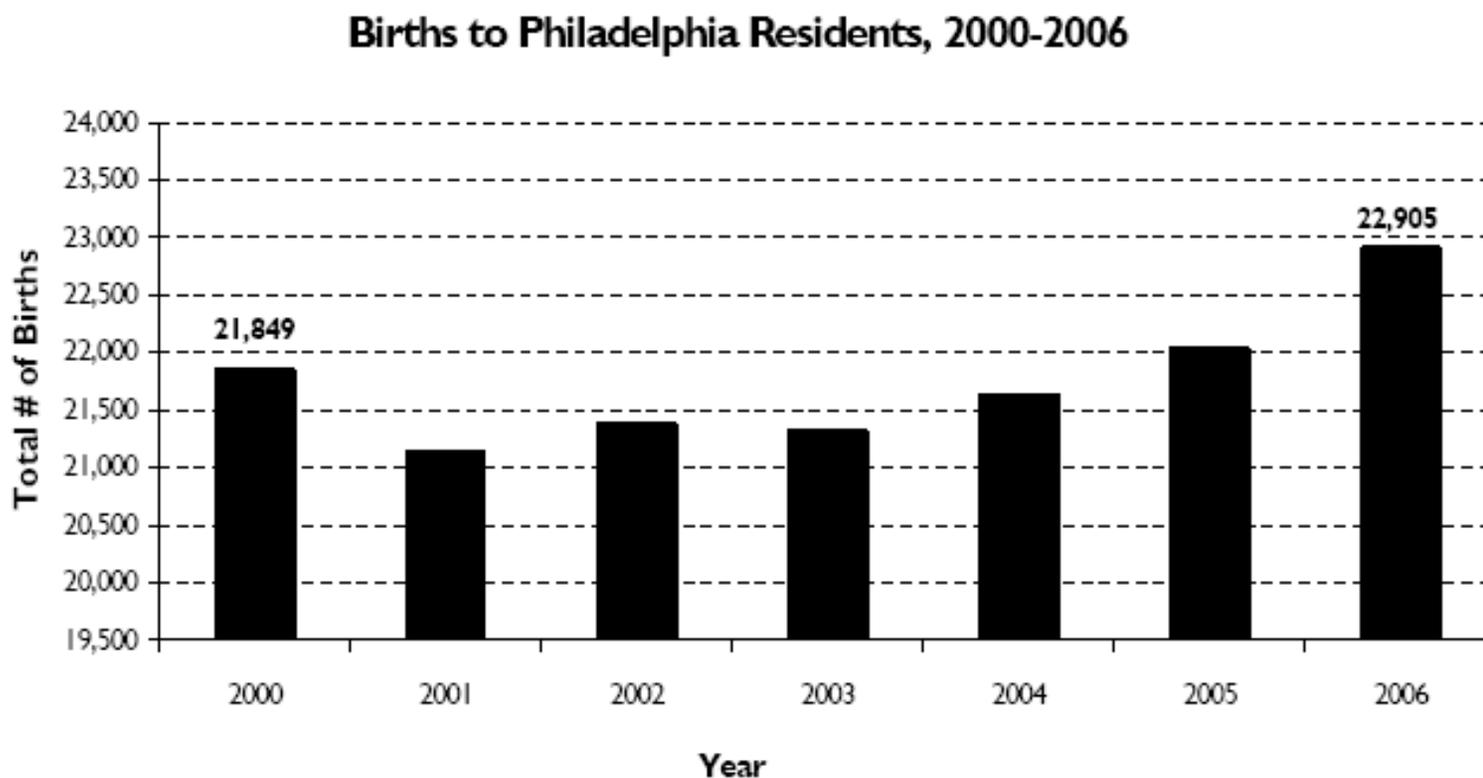


Interlocking Cycles of Disadvantage



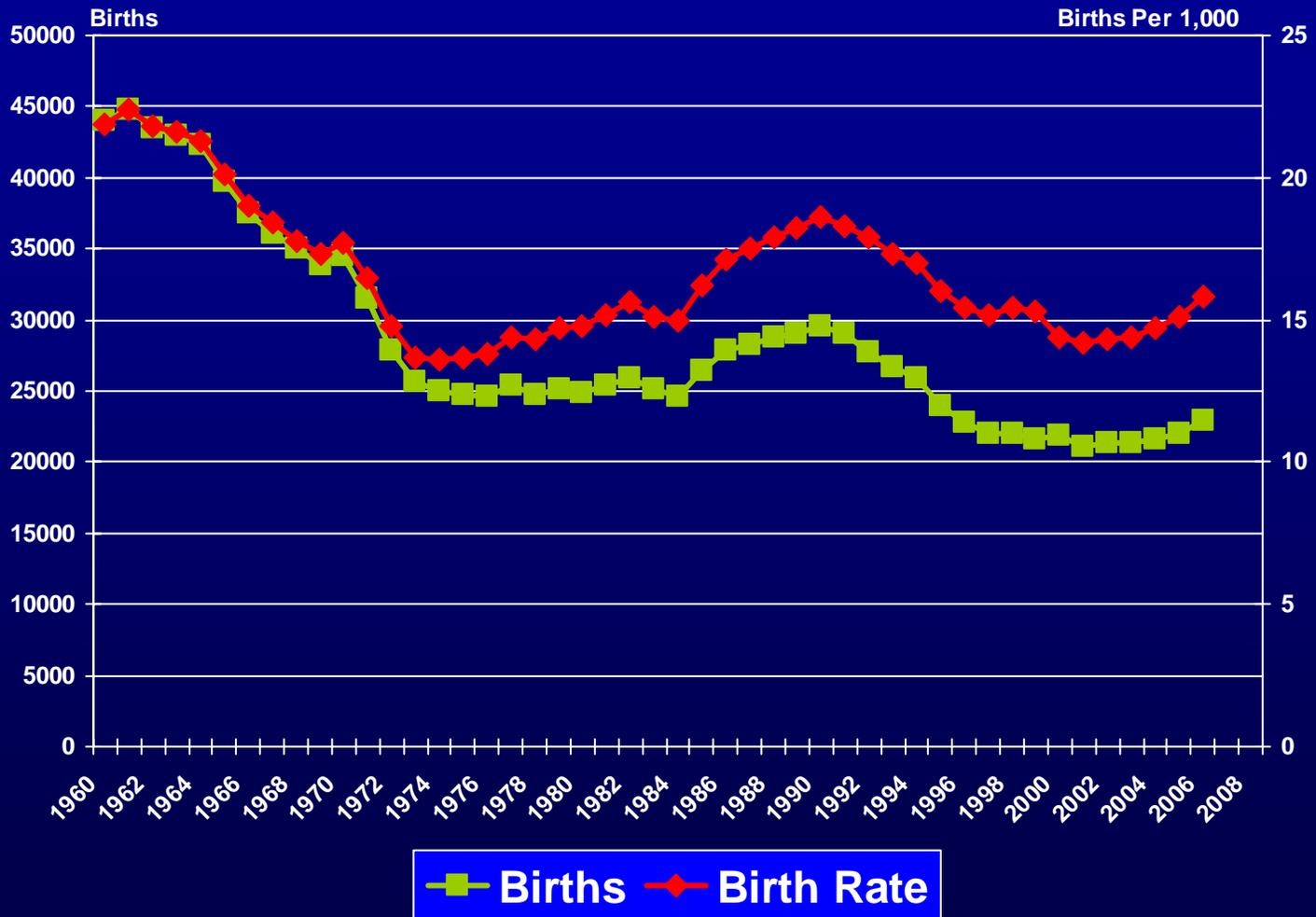
Health

Philadelphia births, 2000-2006



NOTE: The number of births to Philadelphia residents increased overall since 2000. The largest increase in births came in 2006, with almost 900 more births than in 2005.

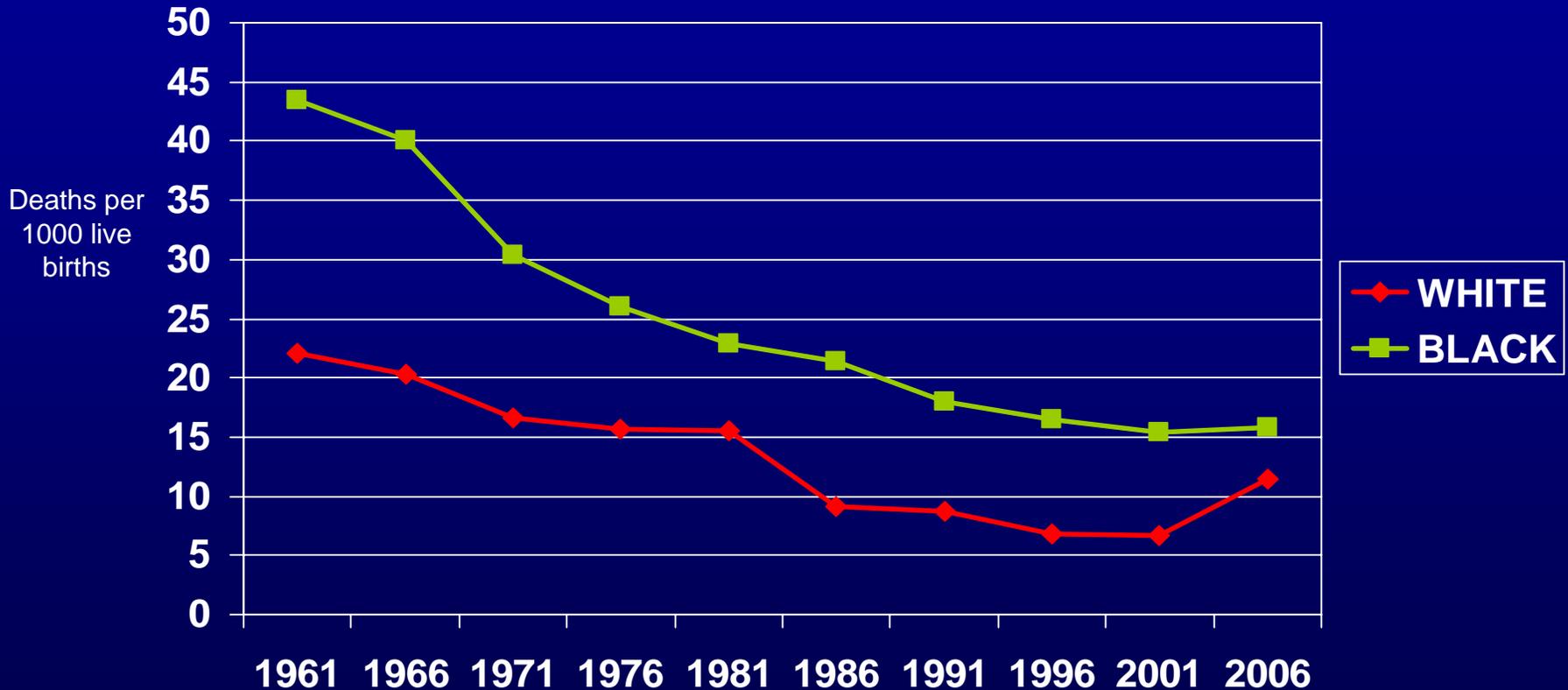
Philadelphia births and birth rate, 1960-2006



*Philadelphia Vital Statistics Reports

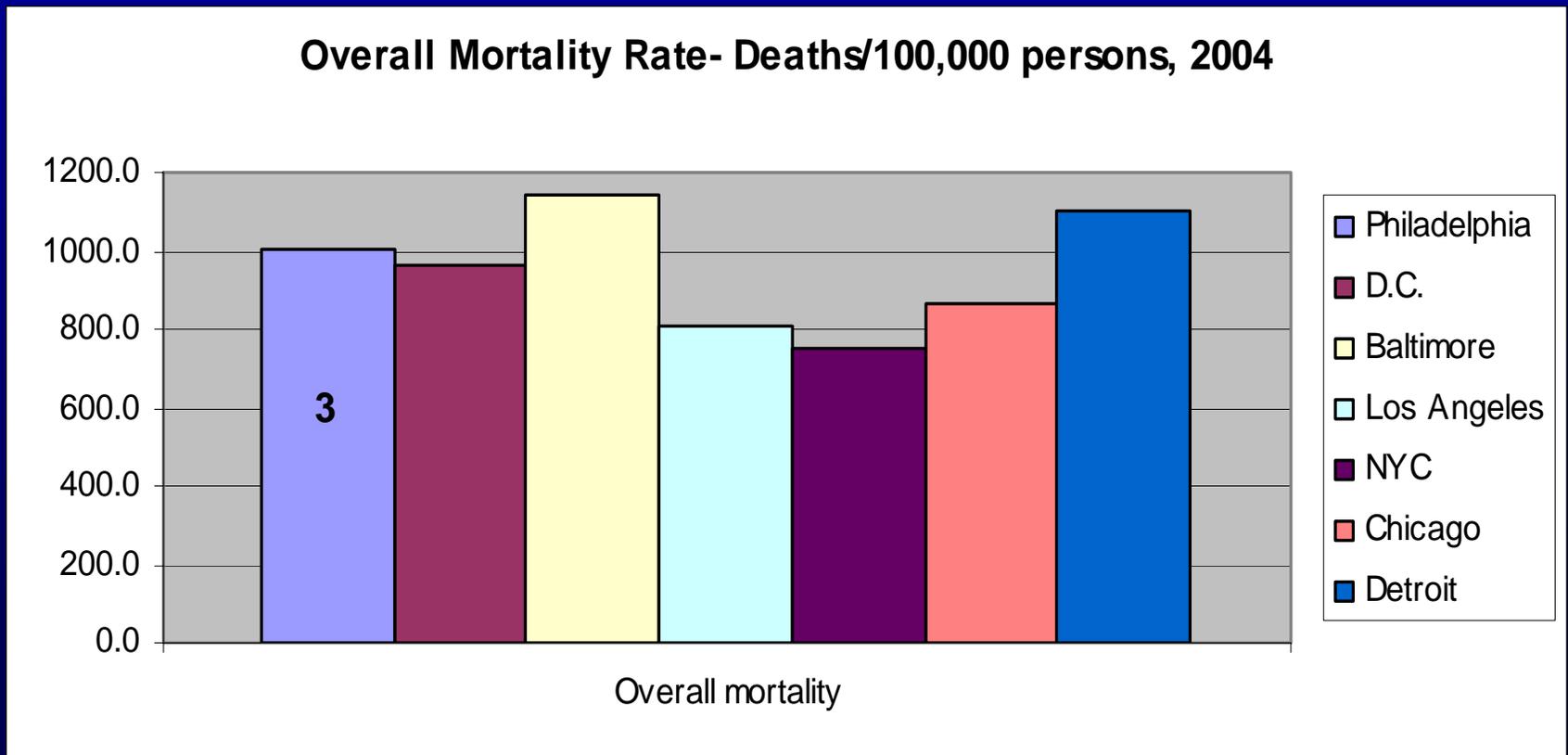
Philadelphia, 1961-2006

Infant Mortality Rate

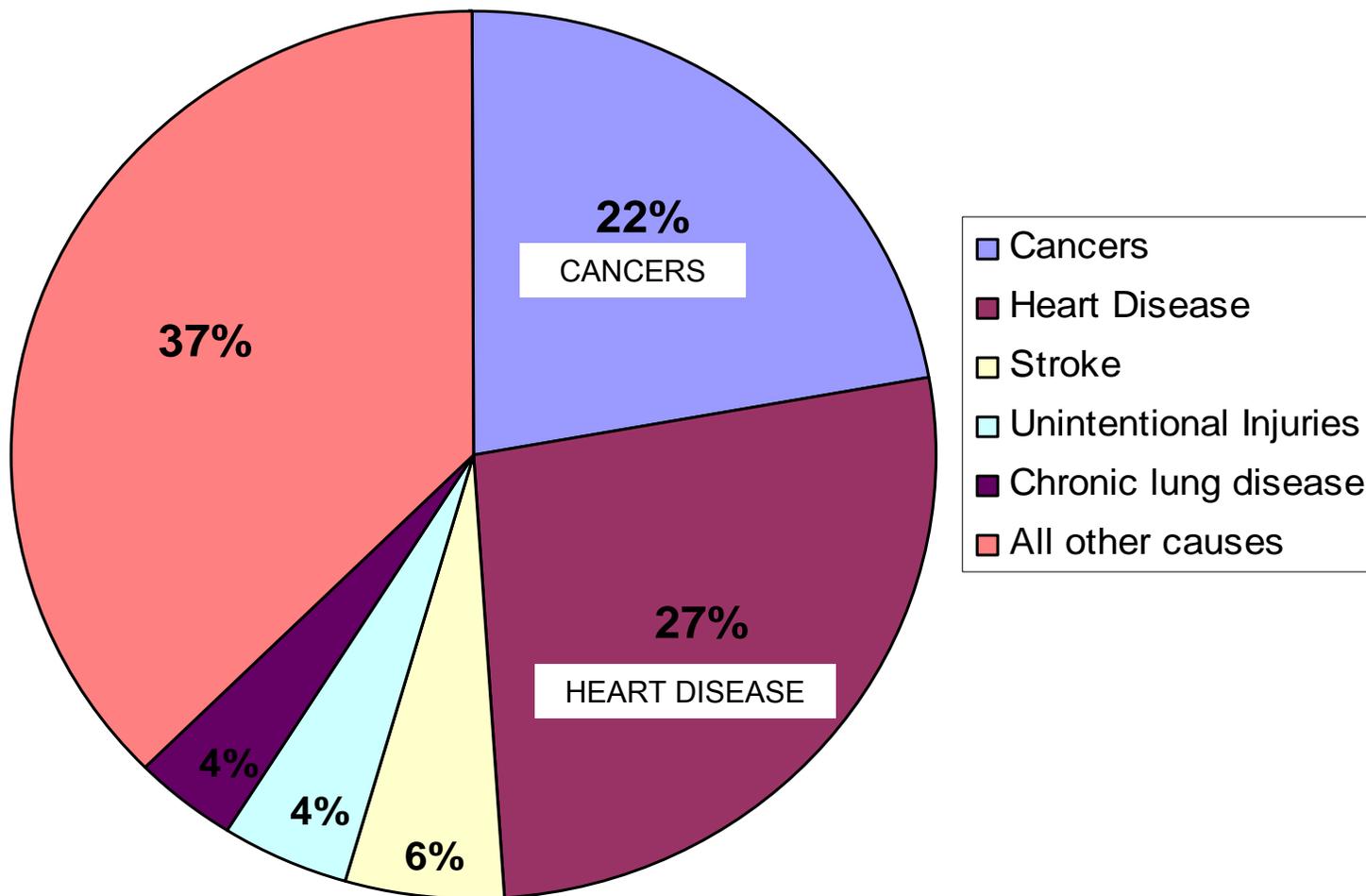


*Philadelphia Vital Statistics Reports

Philadelphia vs. 6 other major cities: Overall mortality

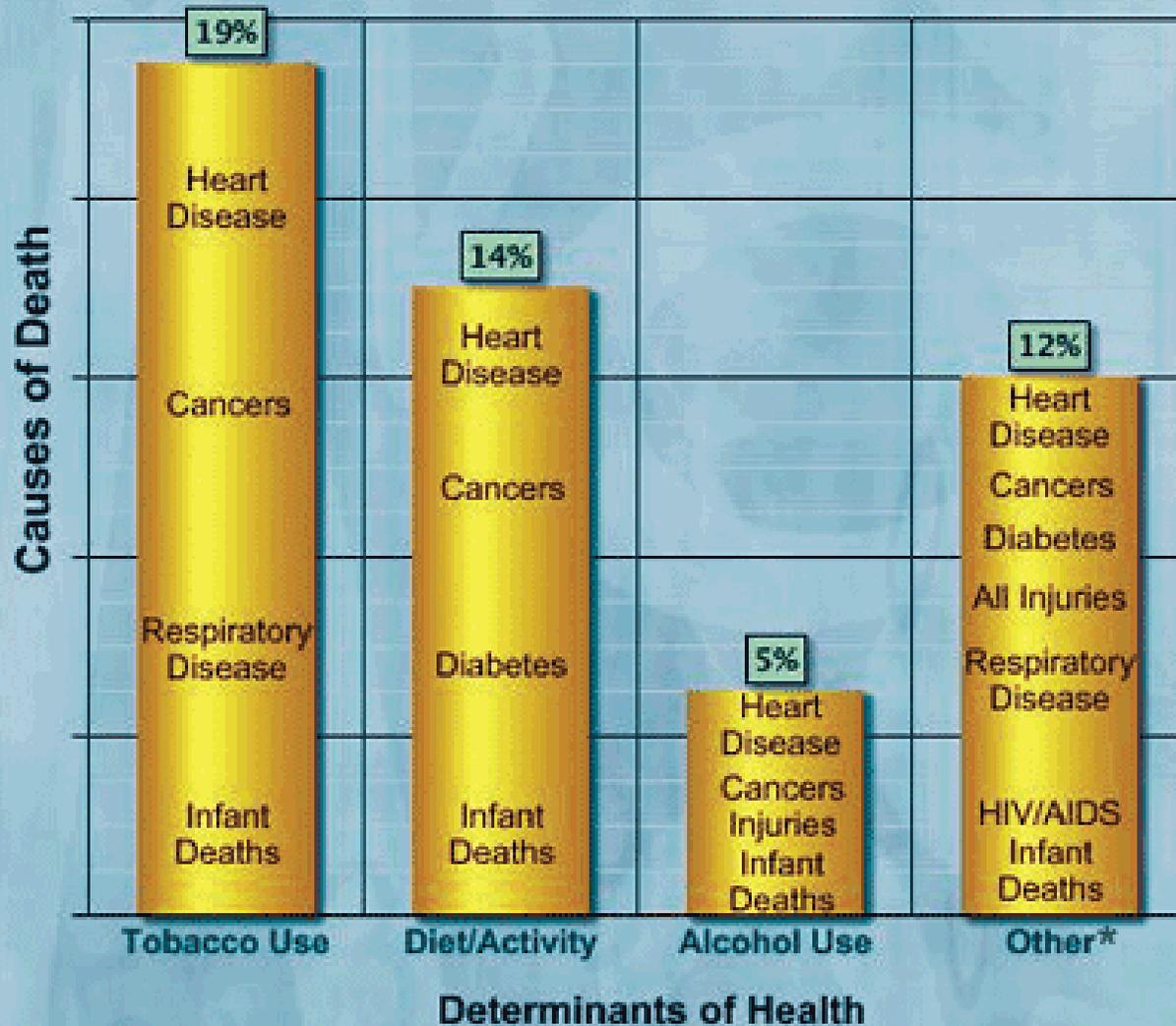


Leading Causes of Death: Philadelphia, 2005



What's Really Killing Us?

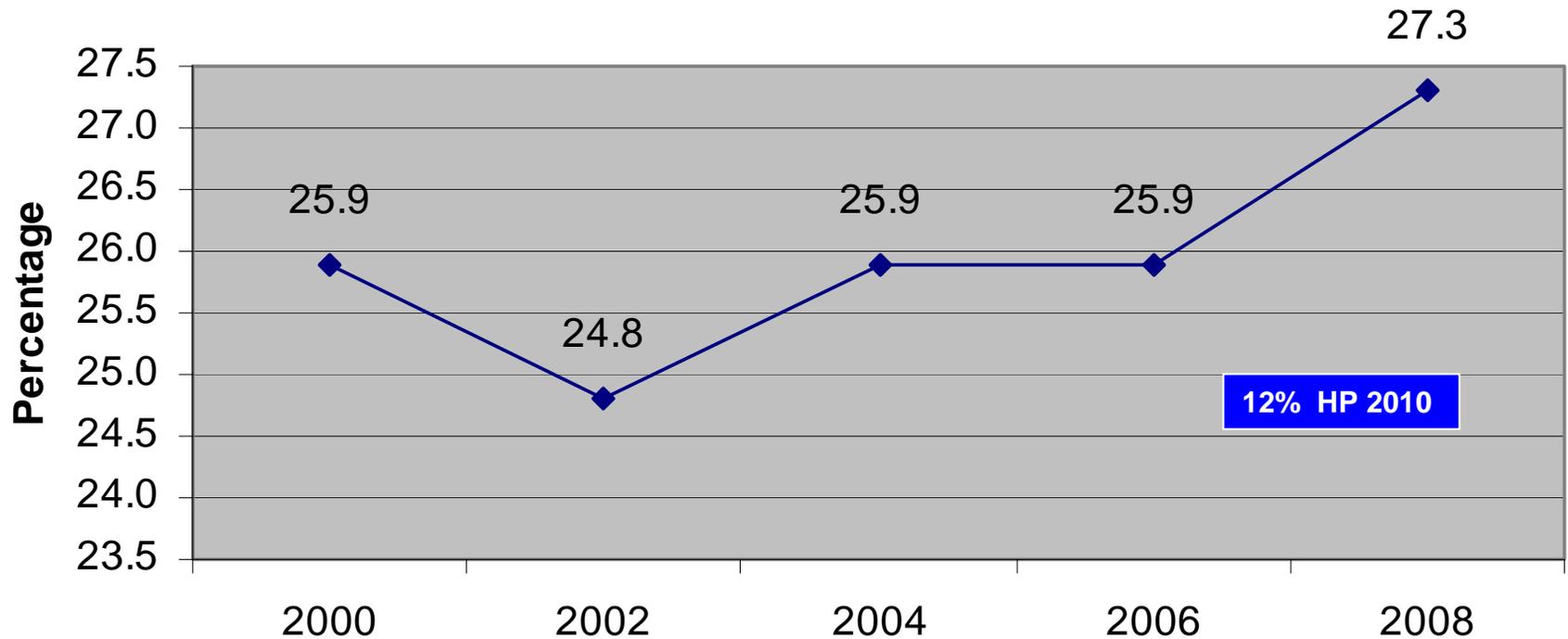
Half of all deaths can be attributed to these factors



*Centers for Disease Control

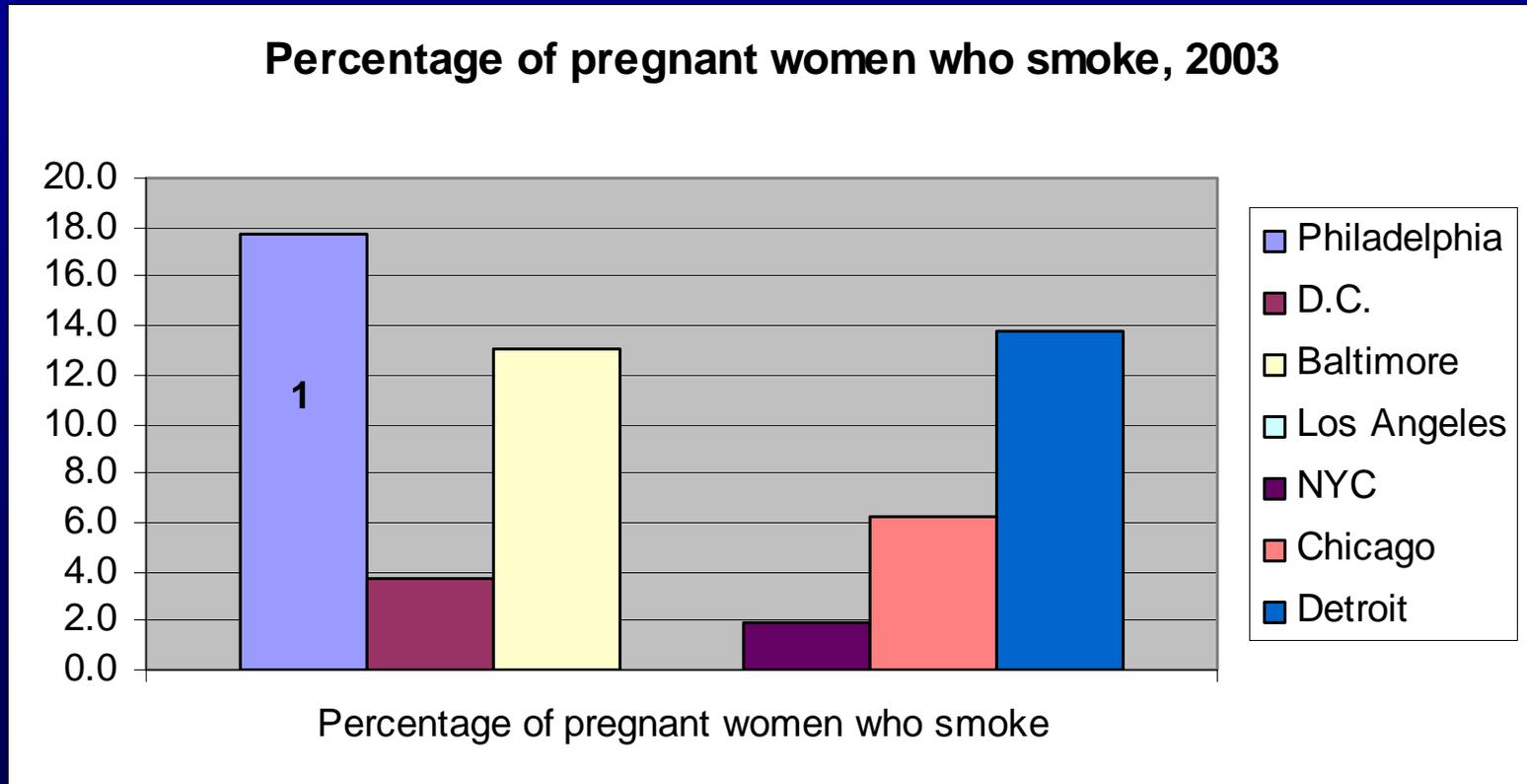
Adult tobacco use

Smoking among adults in Philadelphia



*PHMC Household Health Survey

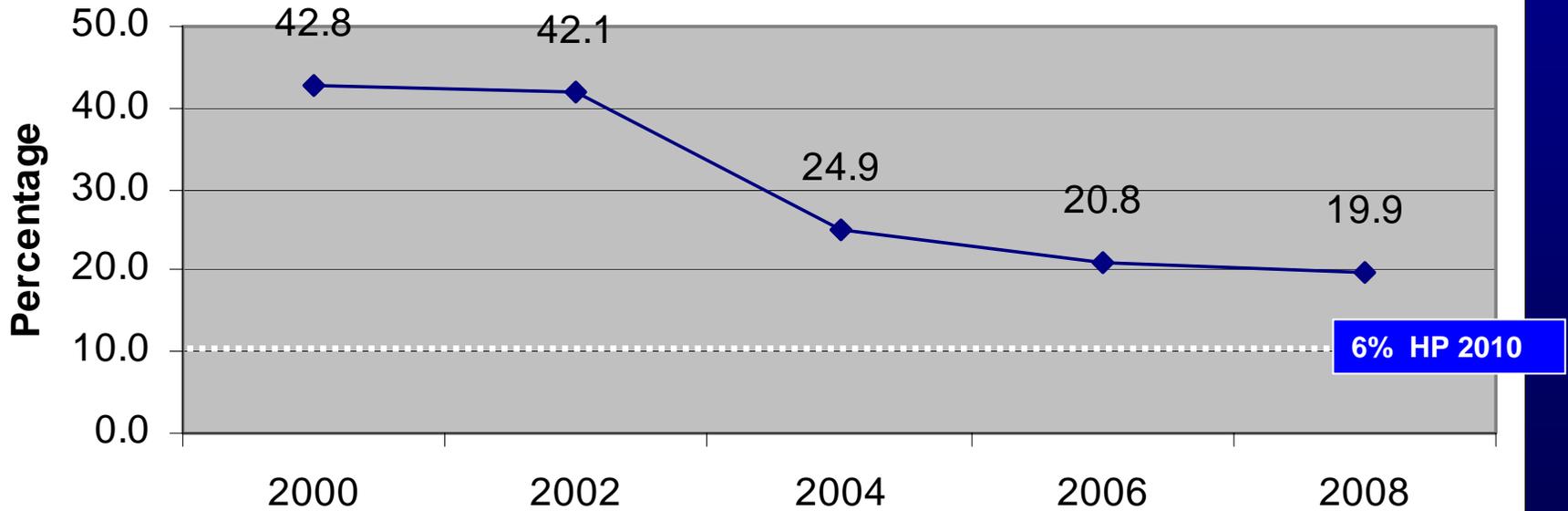
Philadelphia vs. 6 other major cities: Smoking during pregnancy



NCHS Vital Statistics Reporting System, 2003

Childhood ETS exposure

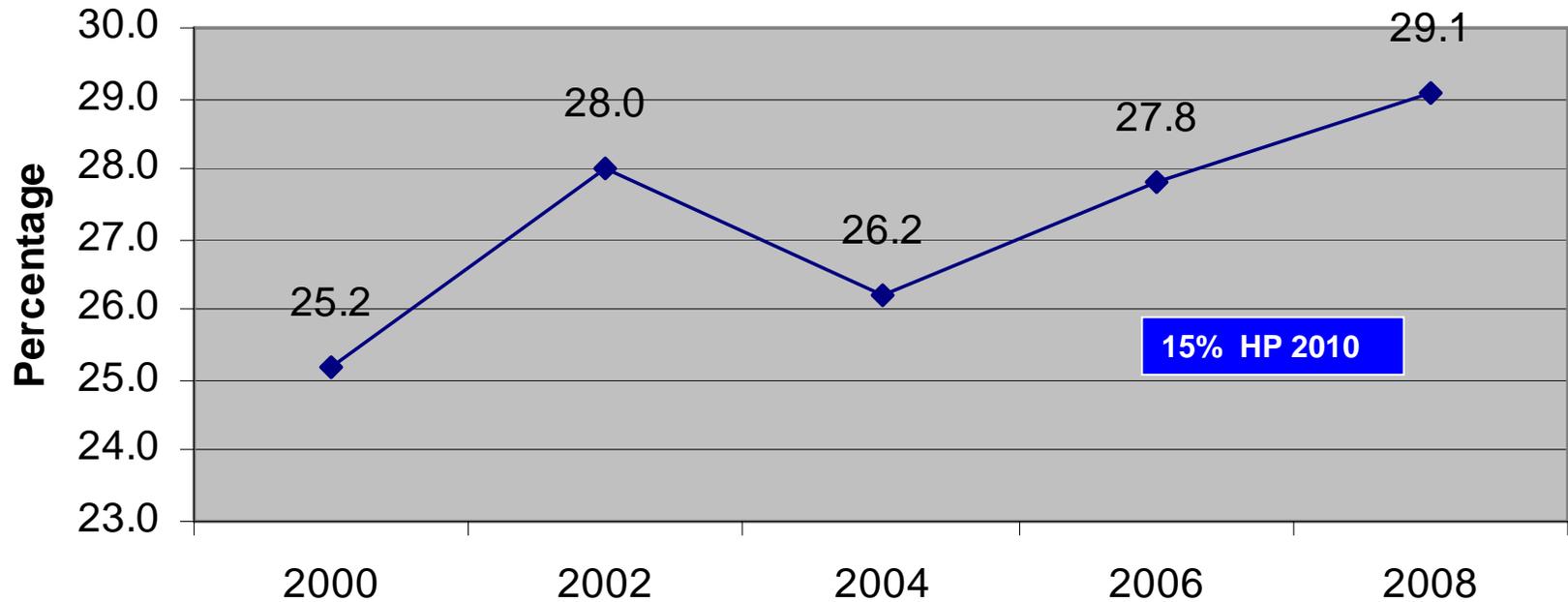
Children (<7yrs) exposed to second hand smoke in Philadelphia



*PHMC Household Health Survey

Adult obesity

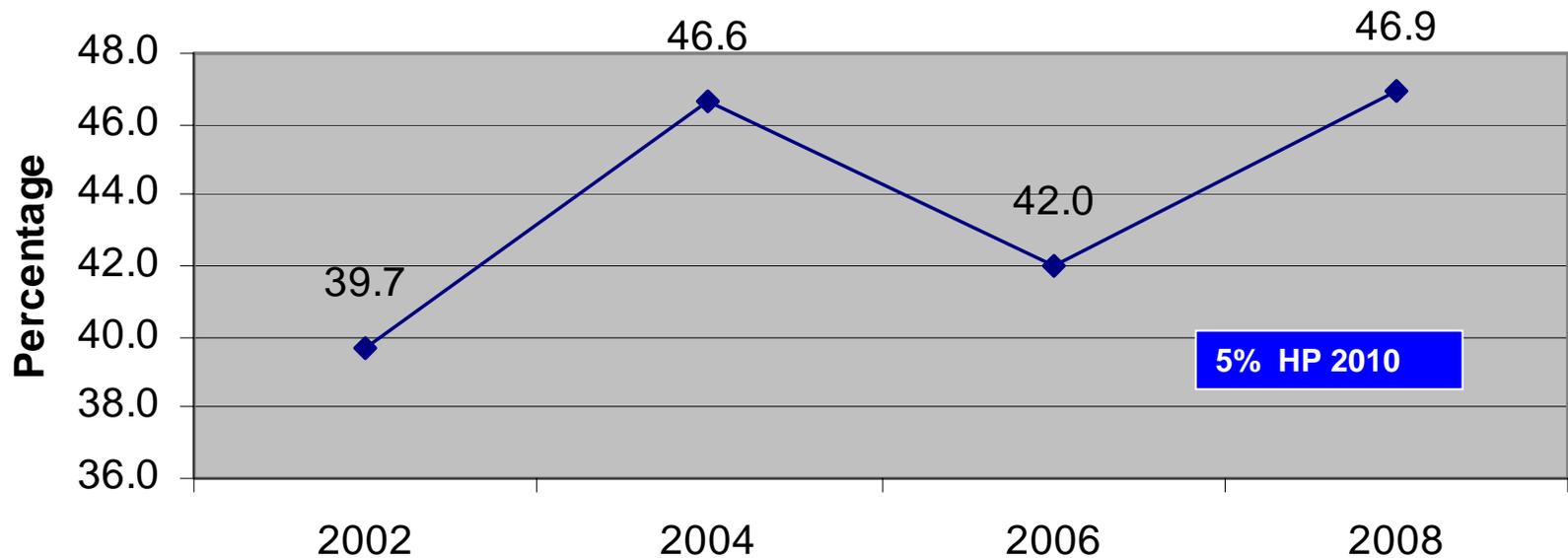
Obesity among adults in Philadelphia



*PHMC Household Health Survey

Childhood overweight and obesity

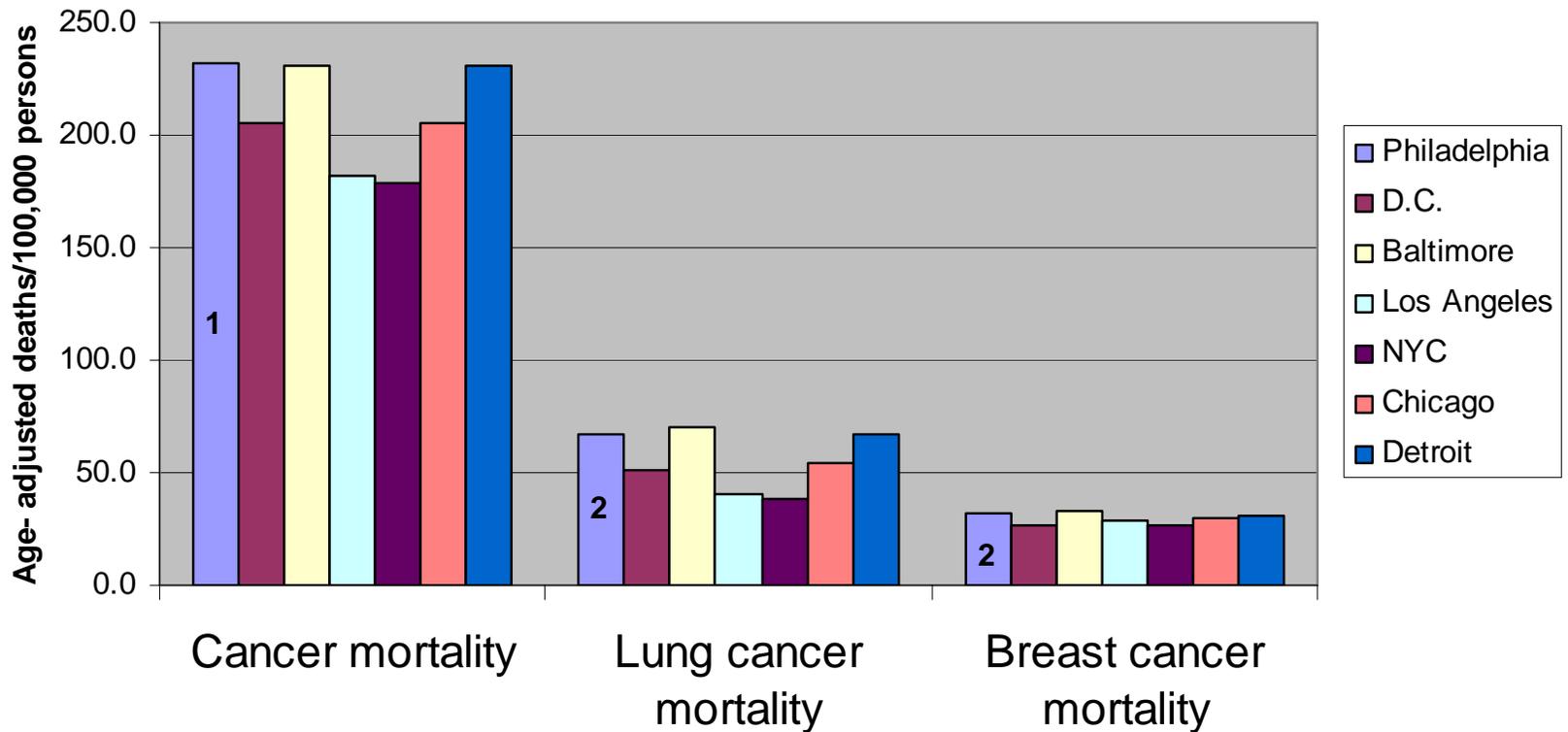
Obesity or Overweight among children 6-17 yrs in Philadelphia



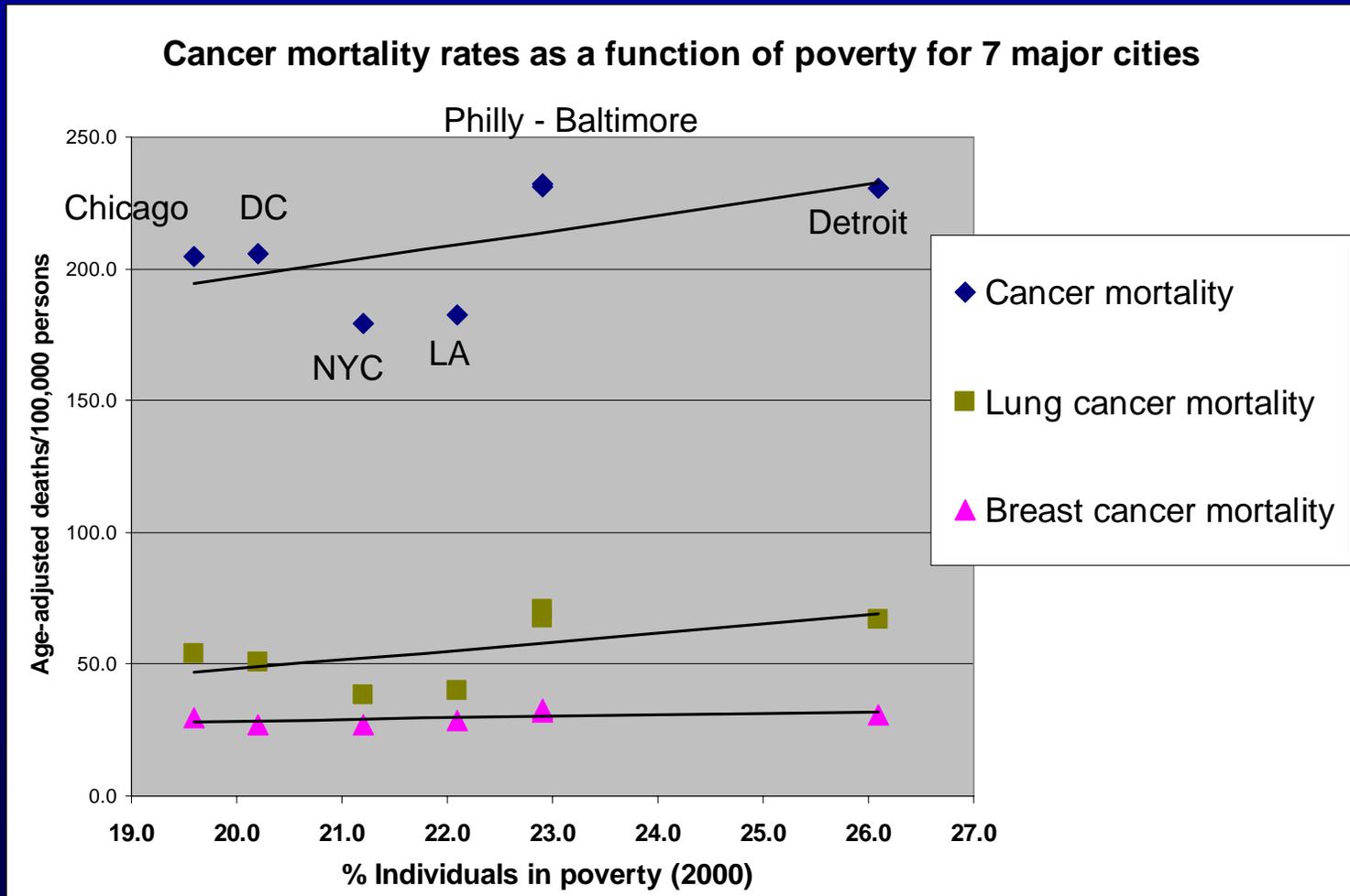
PHMC Household Health Survey

Philadelphia vs. 6 other major cities: cancer mortality

Cancer mortality rates, 2004



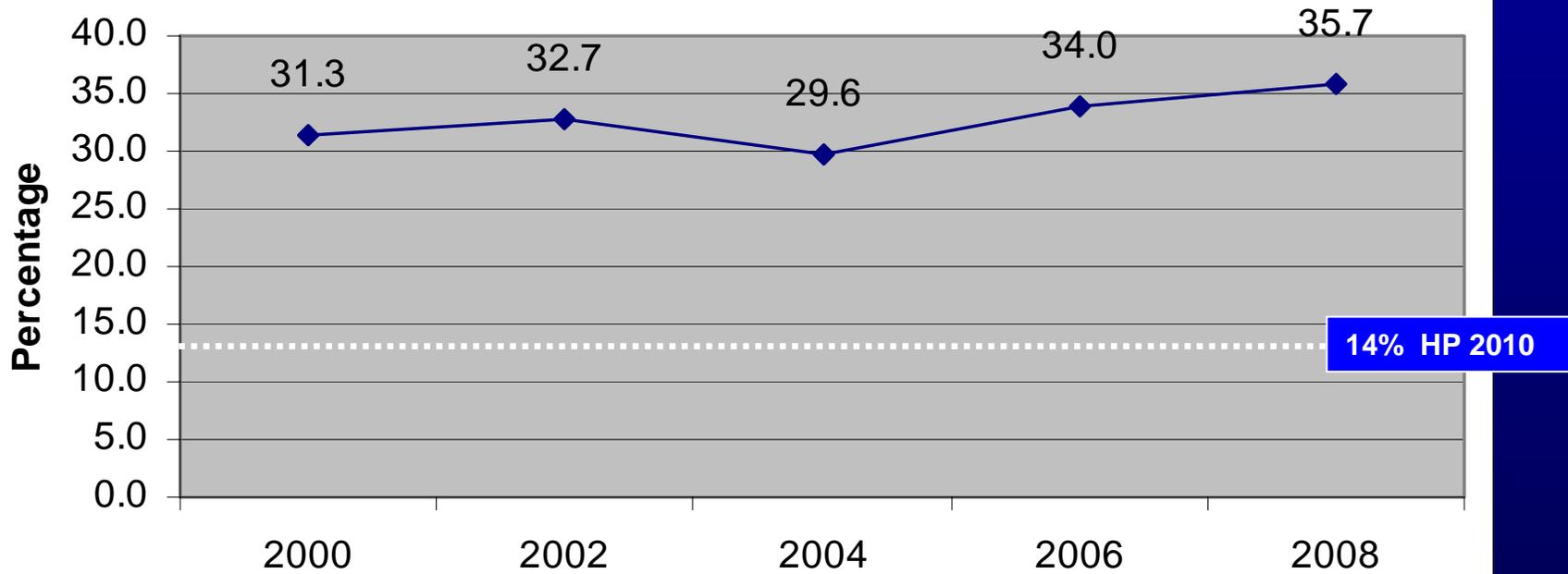
Cancer mortality and poverty



NCHS Vital Statistics Reporting System, 2004

Adult hypertension

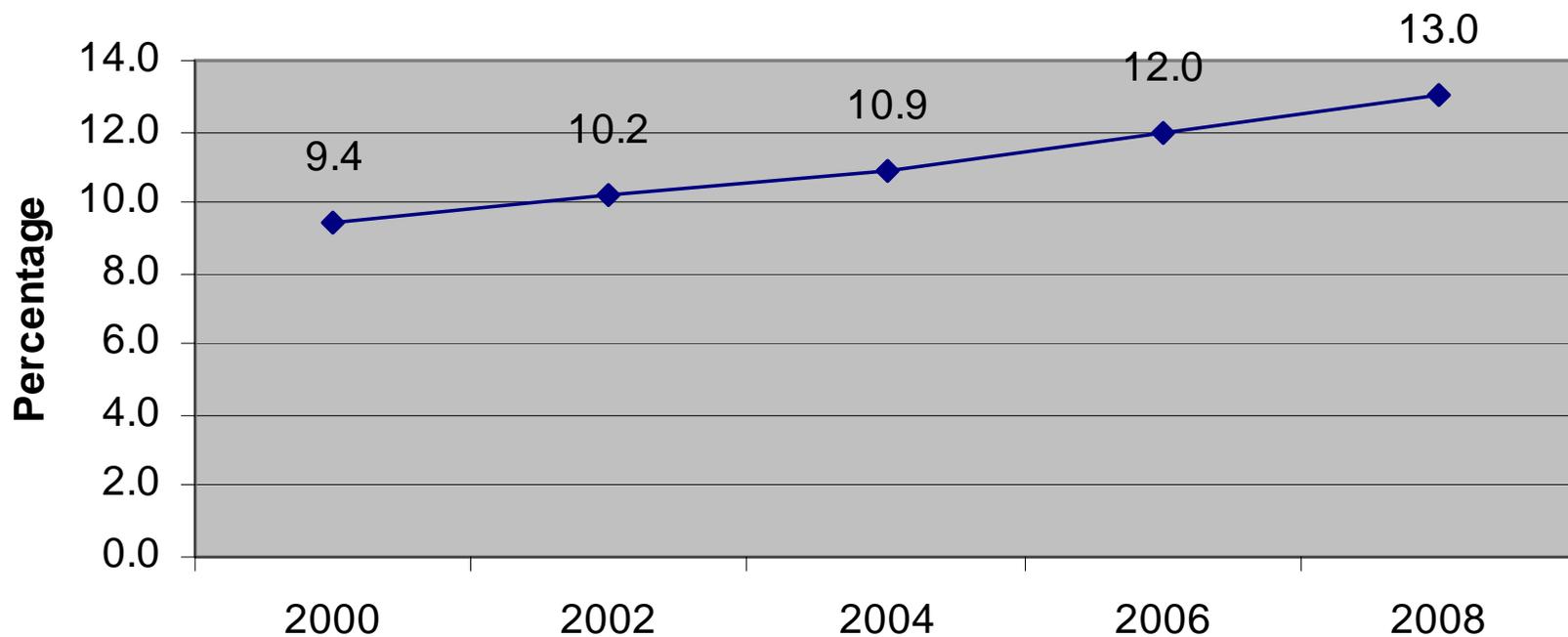
Hypertension among adults in Philadelphia



PHMC Household Health Survey

Adult diabetes

Diabetes among adults in Philadelphia

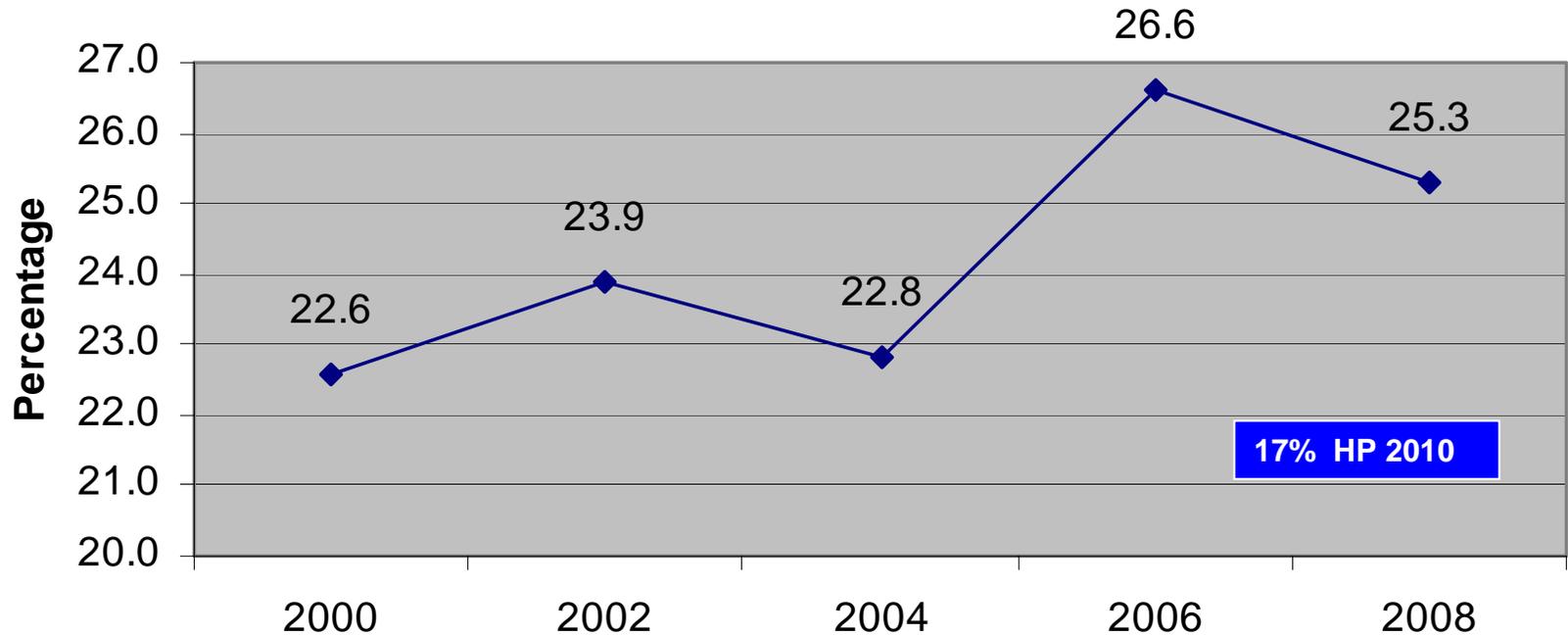


PHMC Household Health Survey

*2000-2002: "now have diabetes"; 2004-2008: "ever have diabetes"

Adult hyperlipidemia

Hyperlipidemia among adults in Philadelphia



PHMC Household Health Survey

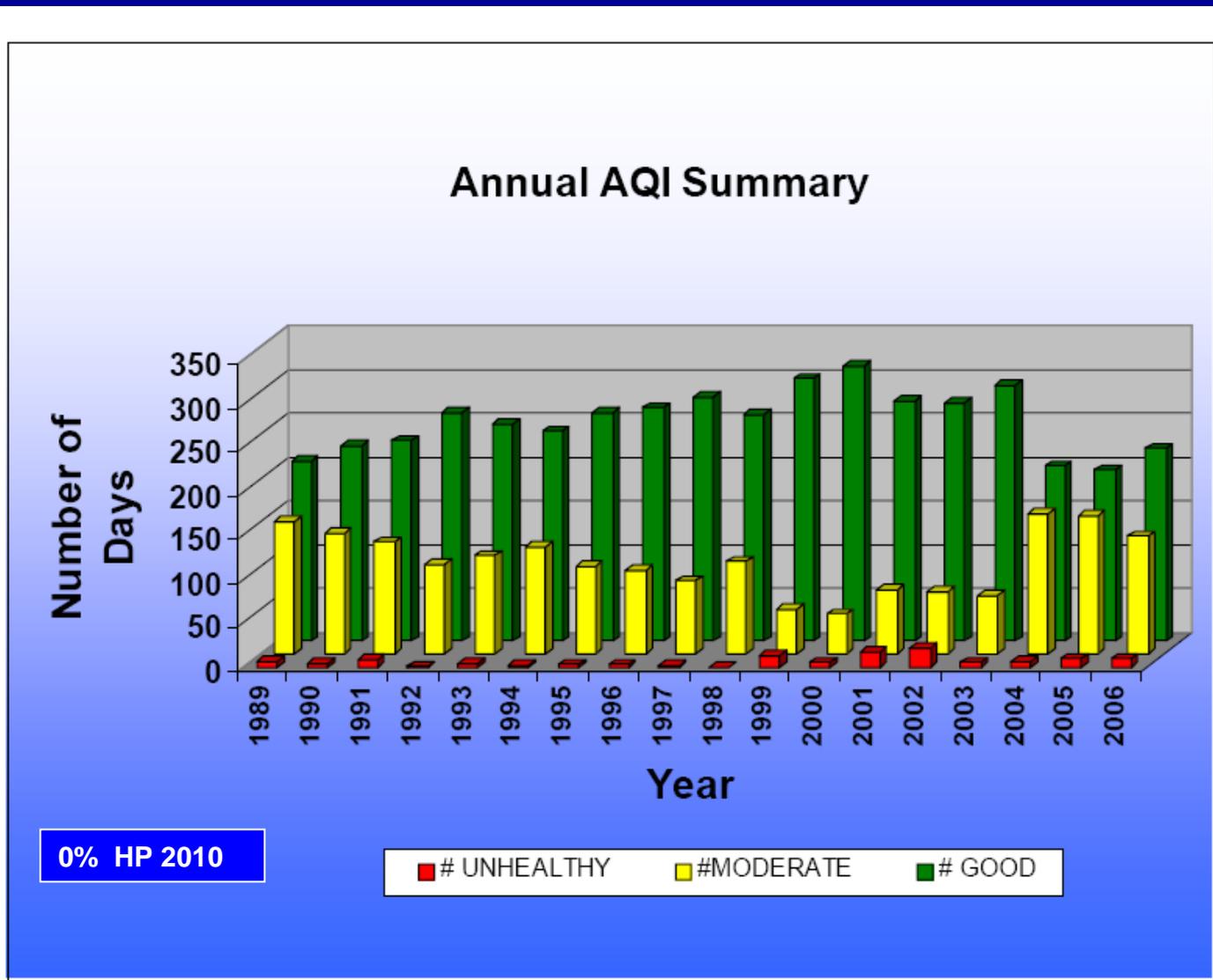
Childhood asthma in Philadelphia

- 22.8% of children have ever had asthma
- 12.9 asthma hospitalizations/100,000 (0-14 yrs)
 - Healthy People 2010 goal: 1.7/100,000

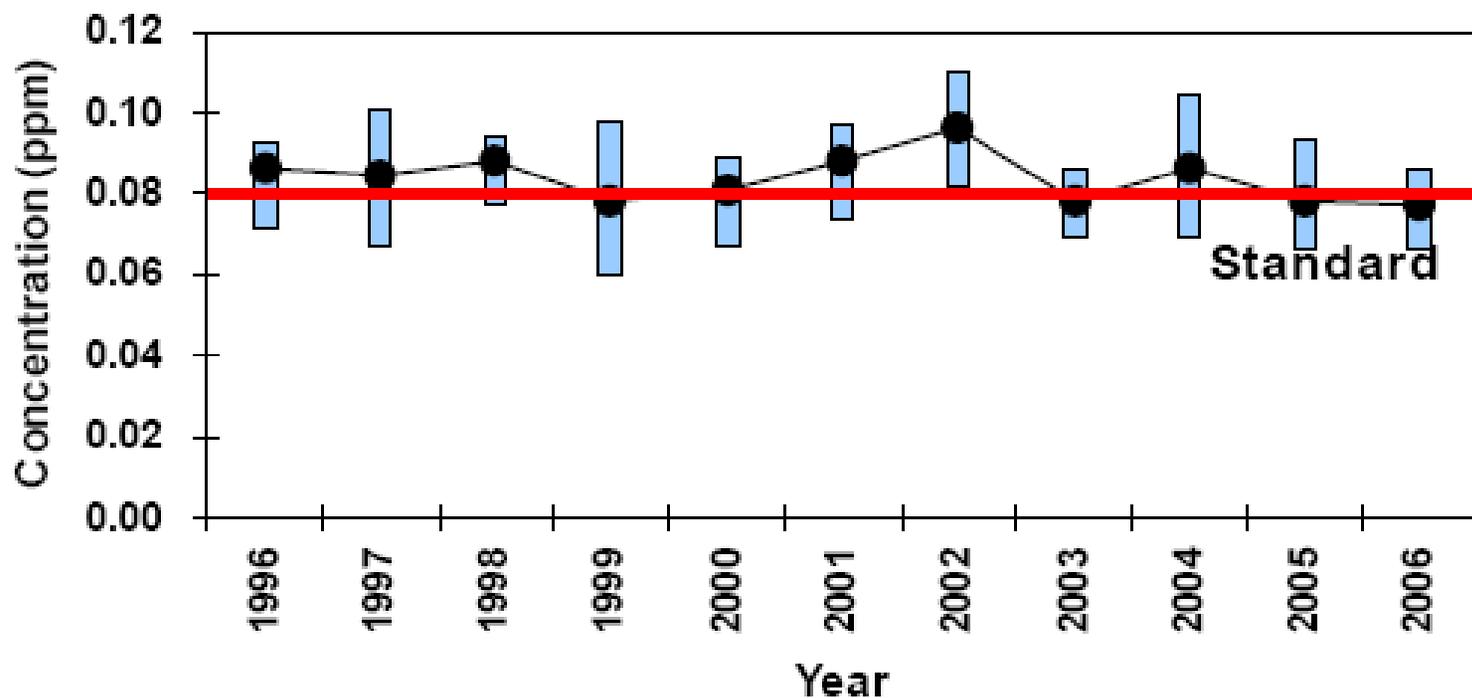
PHMC Household Health Survey, 2008

PA Health Care Cost Containment Council, 2006

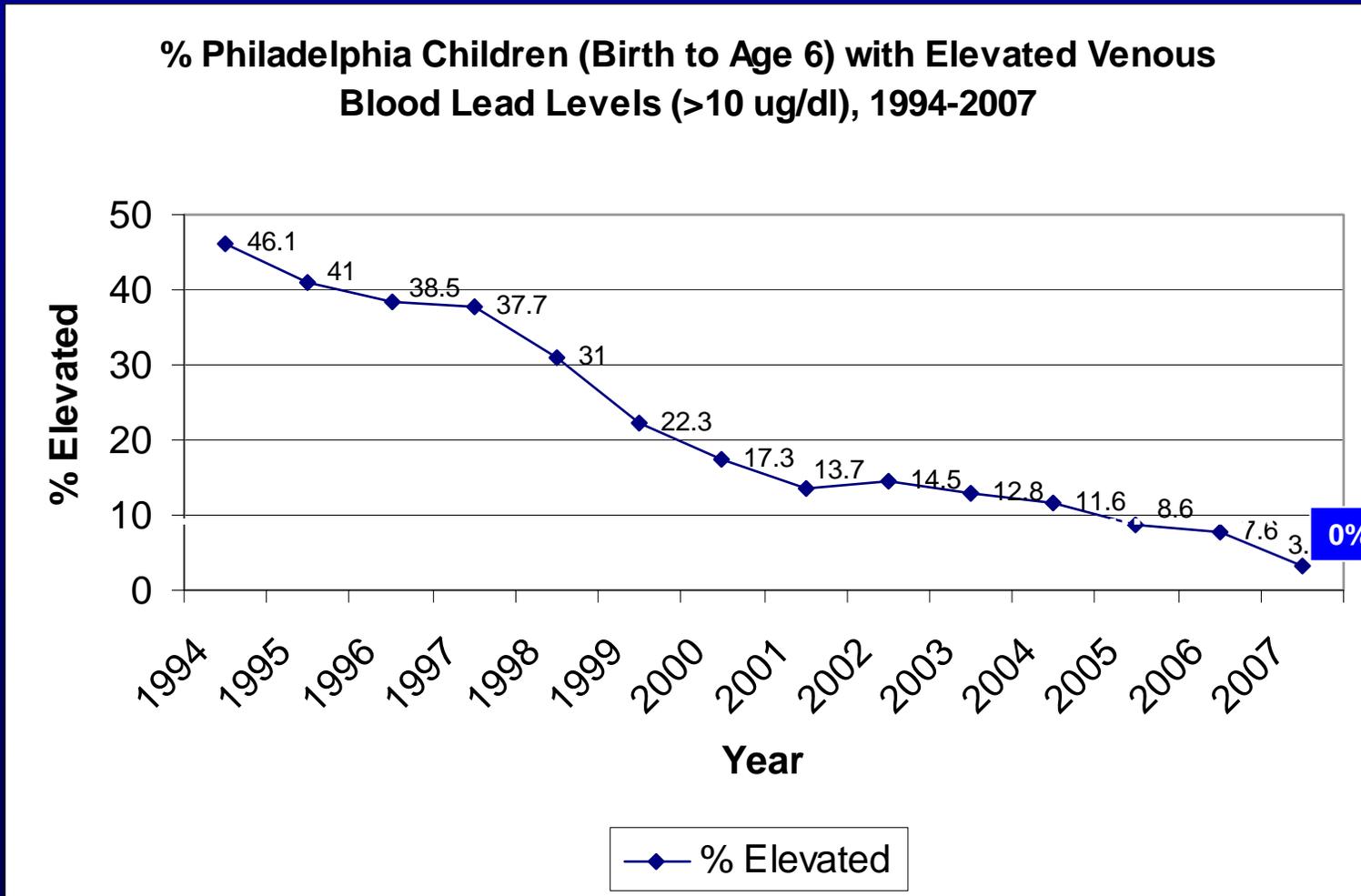
Air Quality Index



Ozone Trends
Minimum, Maximum, Average
Highest Fourth Daily Maximum 8 Hour Concentration



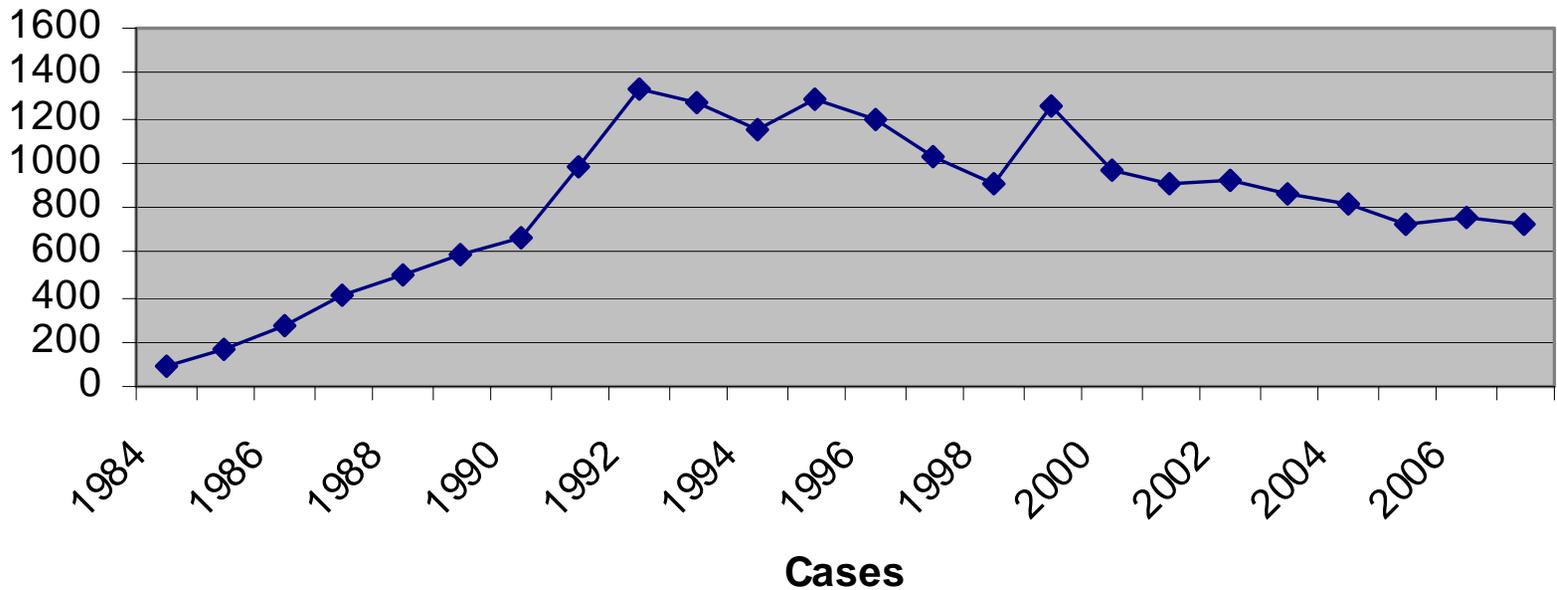
Childhood lead poisoning



*City of Philadelphia Lead Database

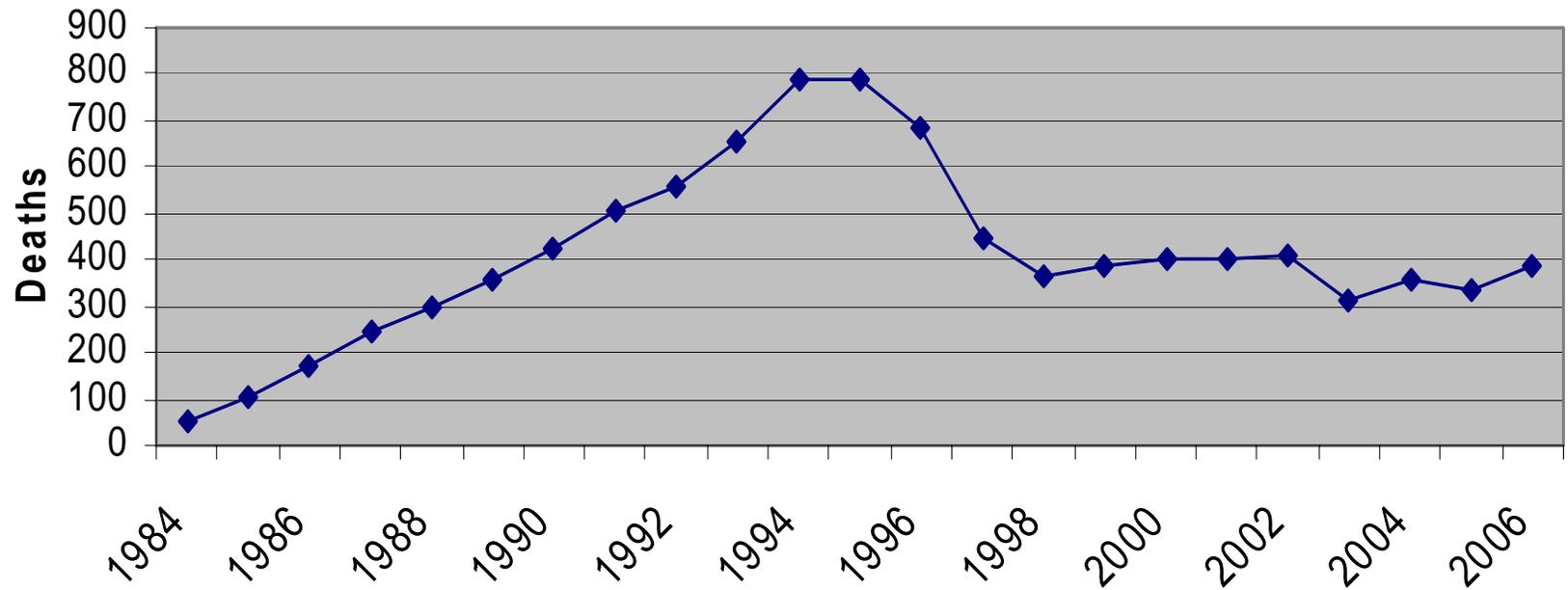
New AIDS cases per year

AIDS Incidence in Philadelphia, 1984-2007



AIDS deaths per year

AIDS Mortality in Philadelphia, 1984-2006



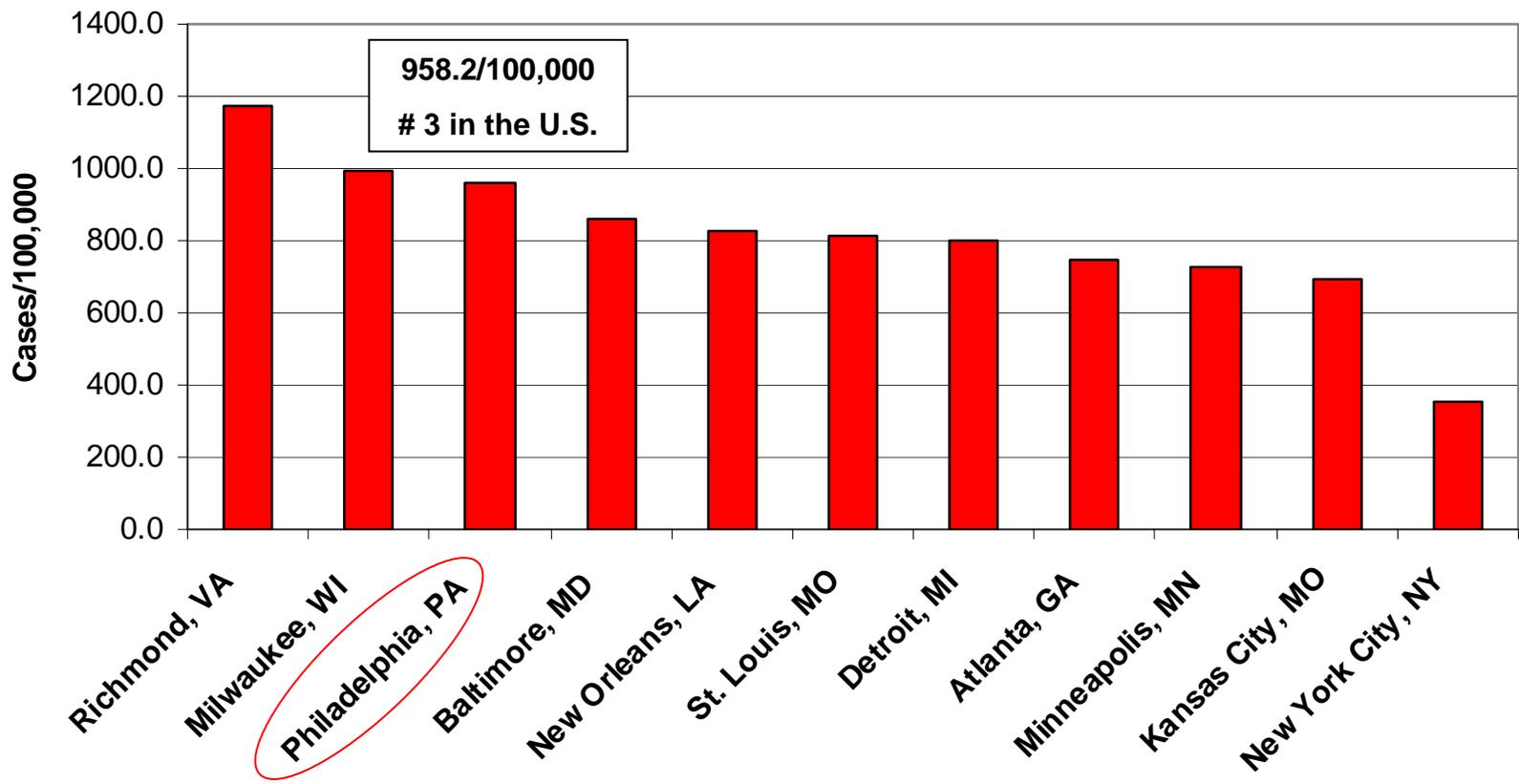
New cases of HIV in Philadelphia

<u>Year</u>	<u>Prevalence</u>	<u>New cases</u>
2006	5827	1285
2007	6621	1258

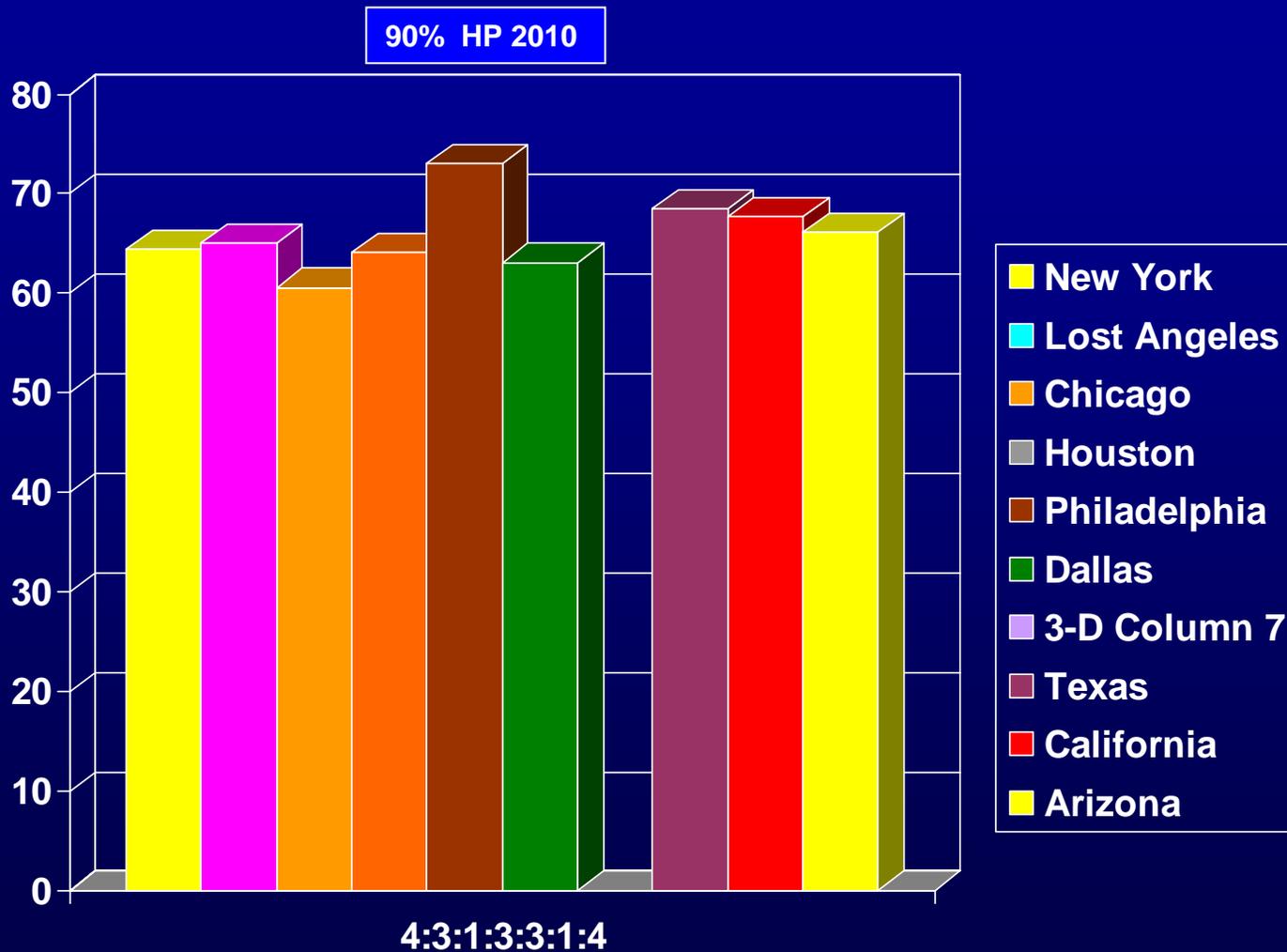
- Of new cases in 2006
 - 67% among African-Americans
 - 30% among women
 - 32% among MSM
 - 15% among 13-24 yrs; 51% among 25-44 yrs

Chlamydia rates in large cities, 2000

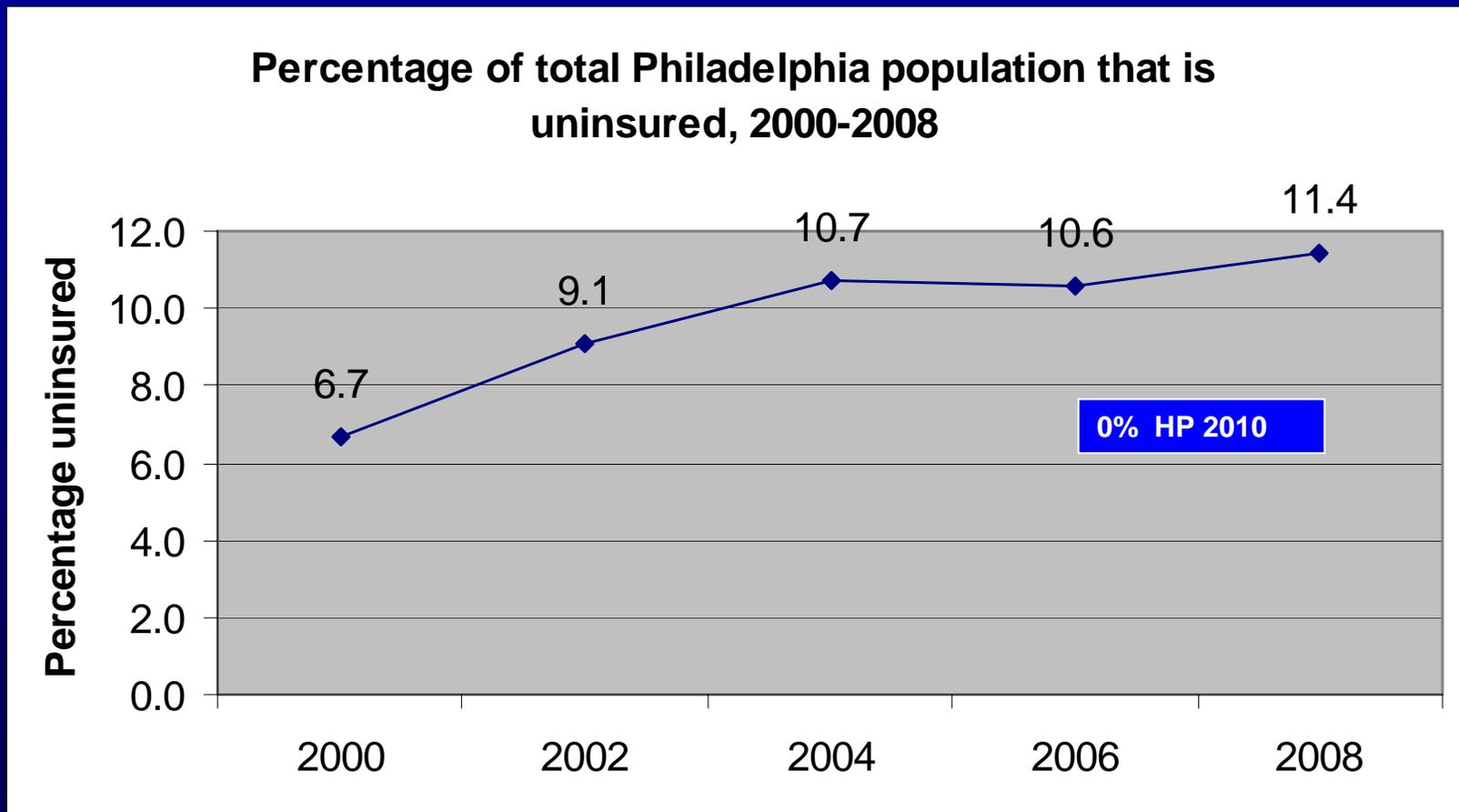
Chlamydia rates per 100,000 persons in cities of >200,000 population (2000)



Completed Early Childhood Immunization U.S. Cities and States, 2007



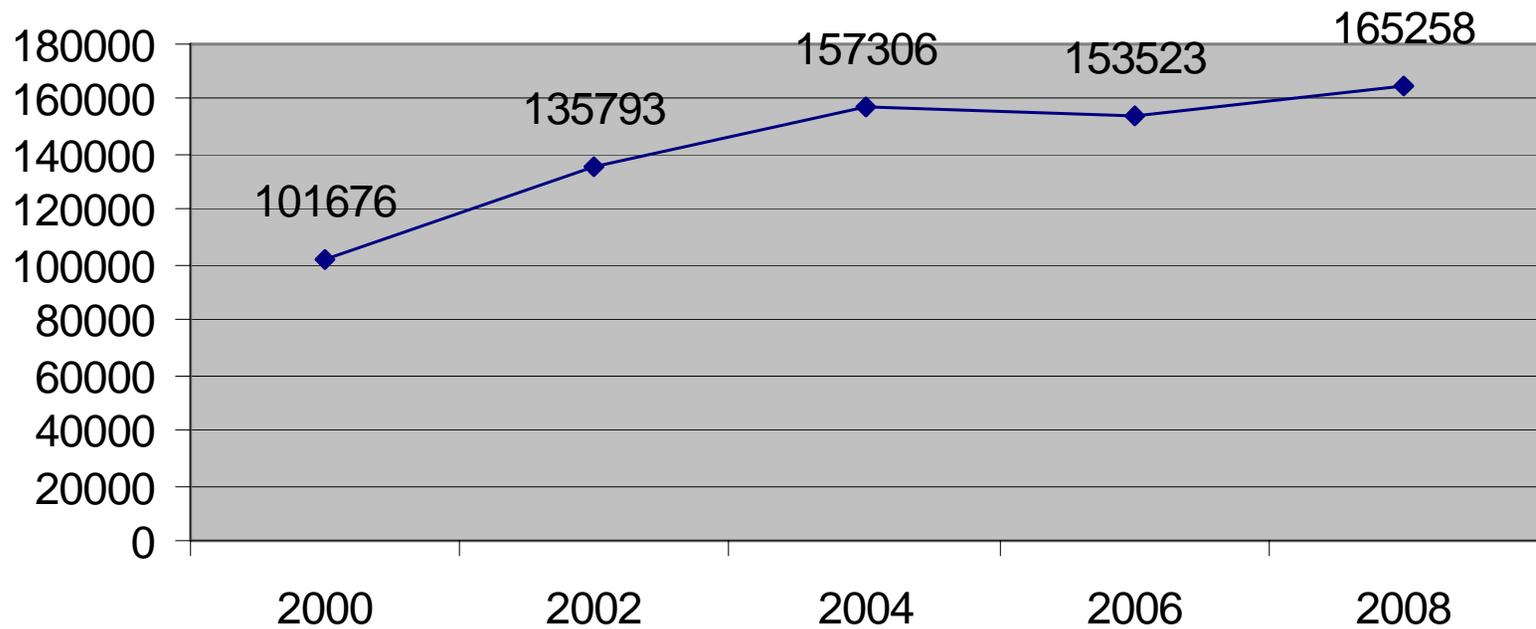
Uninsurance over time in Philadelphia



*PHMC Household Health Survey

Uninsurance over time in Philadelphia

**Approximate number of uninsured Philadelphians,
2000-2008**



*PHMC Household Health Survey

Immigration

Immigrant Gateways: 1900 vs. 2006

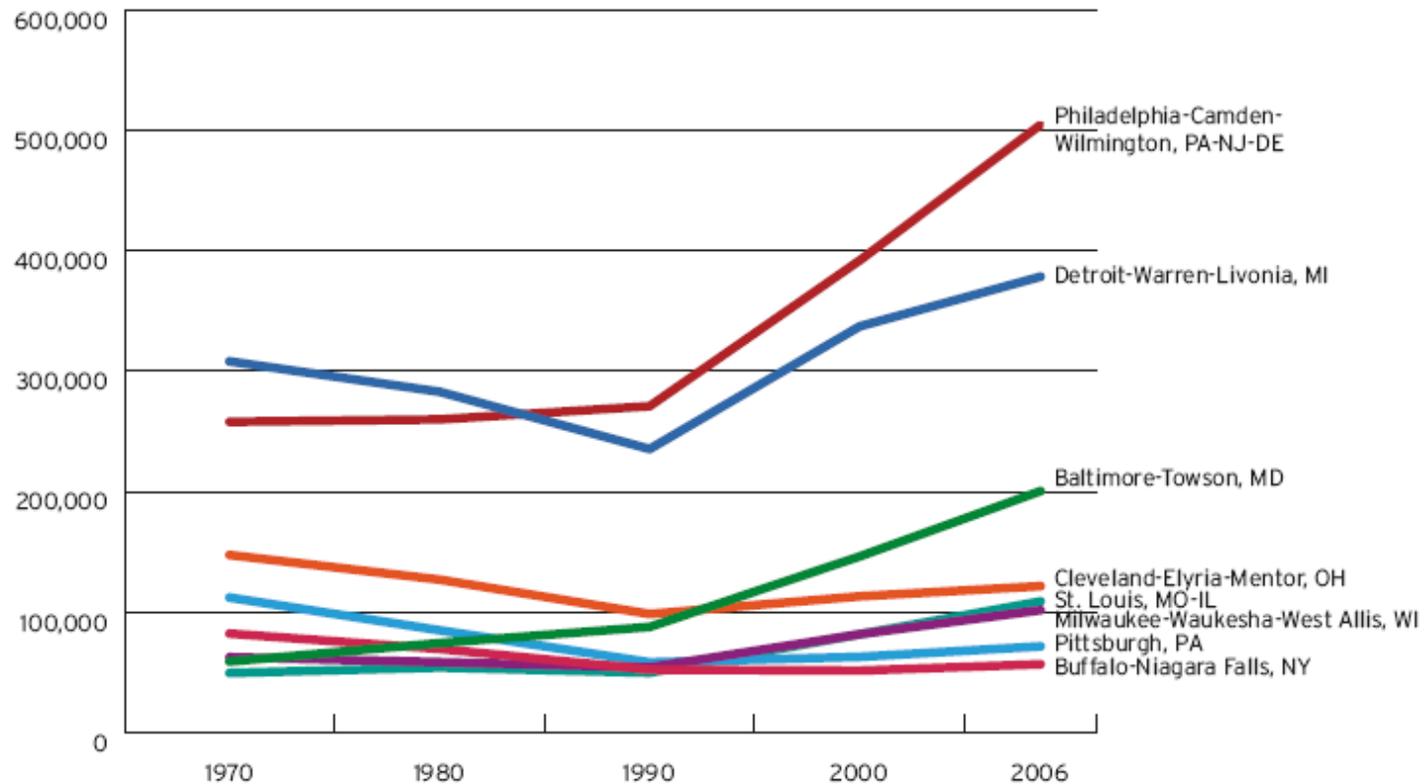
Table 1. Central-City Immigrant Gateways, 1900 and 2006

1900	Population	Foreign-Born Population	Percent Foreign-Born	2006	Population	Foreign-Born Population	Percent Foreign-Born
1 New York	3,437,202	1,270,080	37.0	1 New York	8,214,426	3,038,139	37.0
2 Chicago	1,698,575	587,112	34.6	2 Los Angeles	3,773,846	1,507,032	39.9
3 Philadelphia	2,293,967	295,340	22.8	3 Chicago	2,749,283	599,802	21.8
4 Boston	560,892	197,129	35.1	4 Houston	2,074,828	576,035	27.8
5 Cleveland	381,768	124,631	32.6	5 San Jose	916,220	353,905	38.6
6 San Francisco	342,782	116,885	34.1	6 San Diego	1,261,251	335,431	26.6
7 St. Louis	575,238	111,356	19.4	7 Phoenix	1,429,637	334,143	23.4
8 Buffalo	352,387	104,252	29.6	8 Dallas	1,192,538	321,253	26.9
9 Detroit	285,704	96,503	33.8	9 San Francisco	744,041	270,357	36.3
10 Milwaukee	285,315	88,991	31.2	10 Miami	358,091	206,485	57.7

Source: U.S. Census Bureau, Gibson & Lennon, "Historical Census Statistics on the Foreign-born Population of the United States: 1850-1990", February 1999; American Community Survey

Former Immigrant Gateways

Figure 1. Foreign-Born Population of Former Immigrant Gateways, 1970-2006

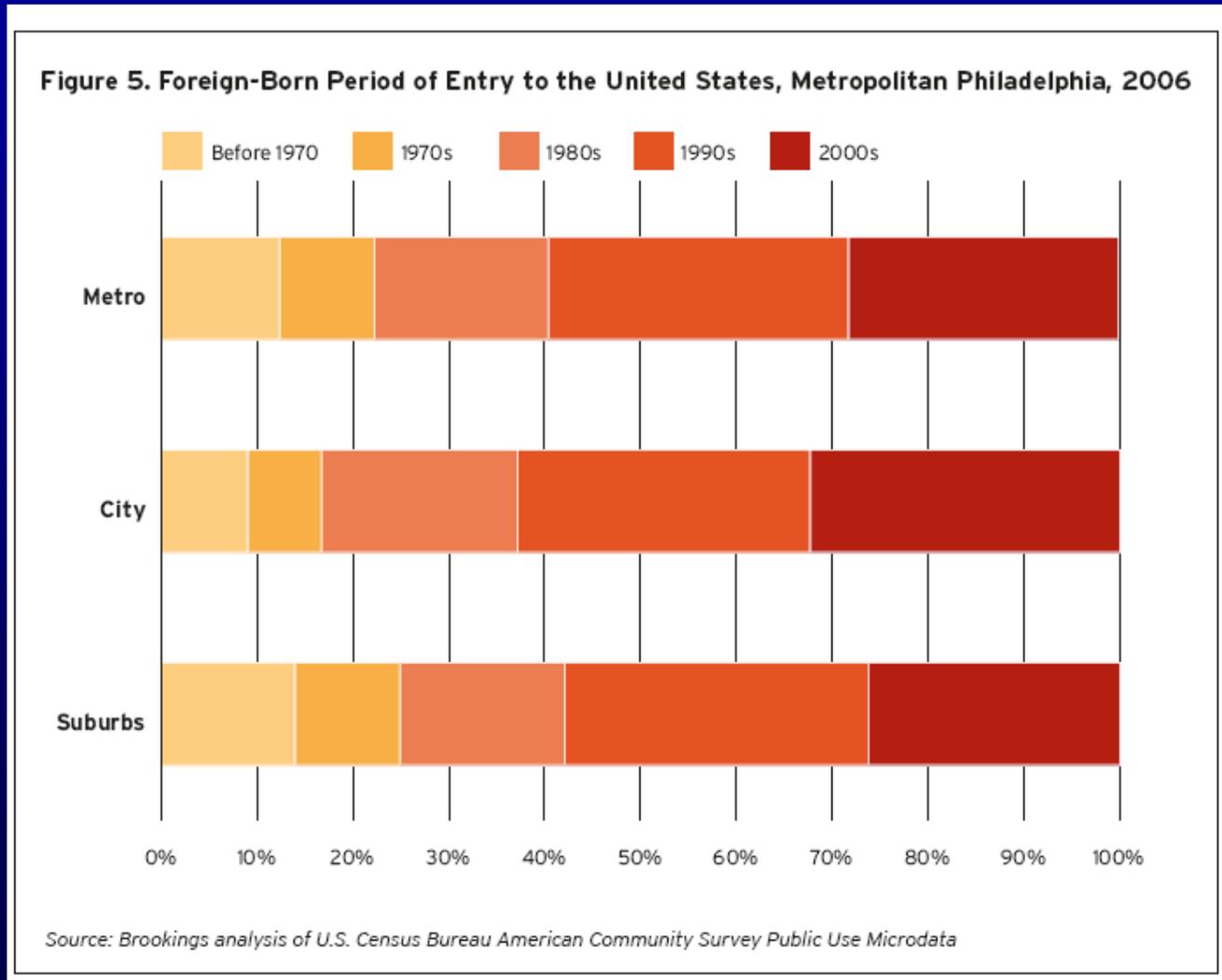


Source: Brookings analysis of U.S. Census decennial and American Community Survey data

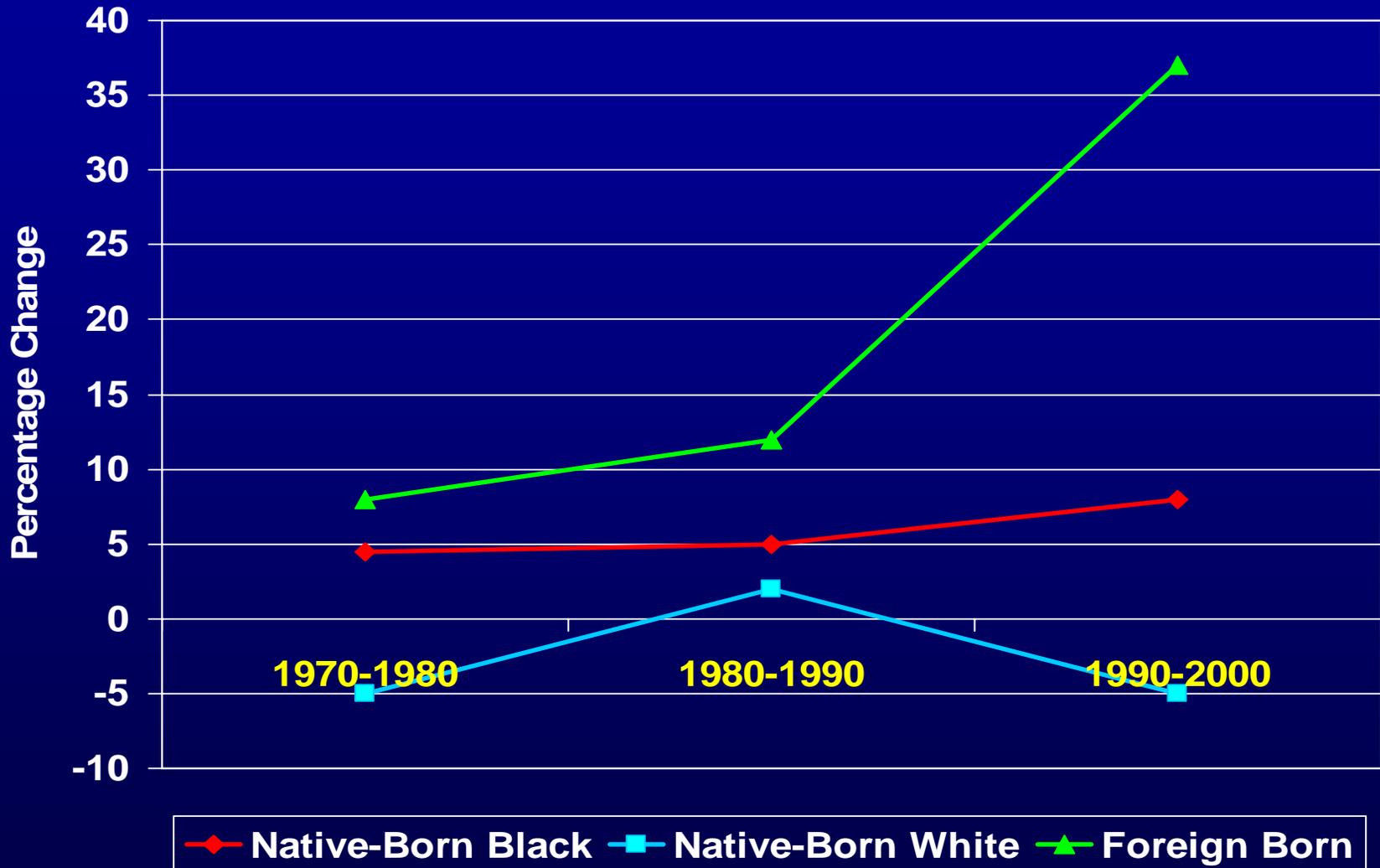
Immigration to Philadelphia, 1900-present

Early 20 th century	European (Italy, Ireland), Slovaks, Greeks, Russian Jews
1940s-1960s	Puerto Rican Second wave of African-Americans
1970s	Southeast Asian (many as refugees), Chinese, Indian
1980s	Russian, Eastern European, Korean, Chinese
1990s	African, West African, Caribbean, Mexican
2000s	African, West African, Mexican, Central American, Eastern European, Russian

Philadelphia Region: Foreign-born period of entry



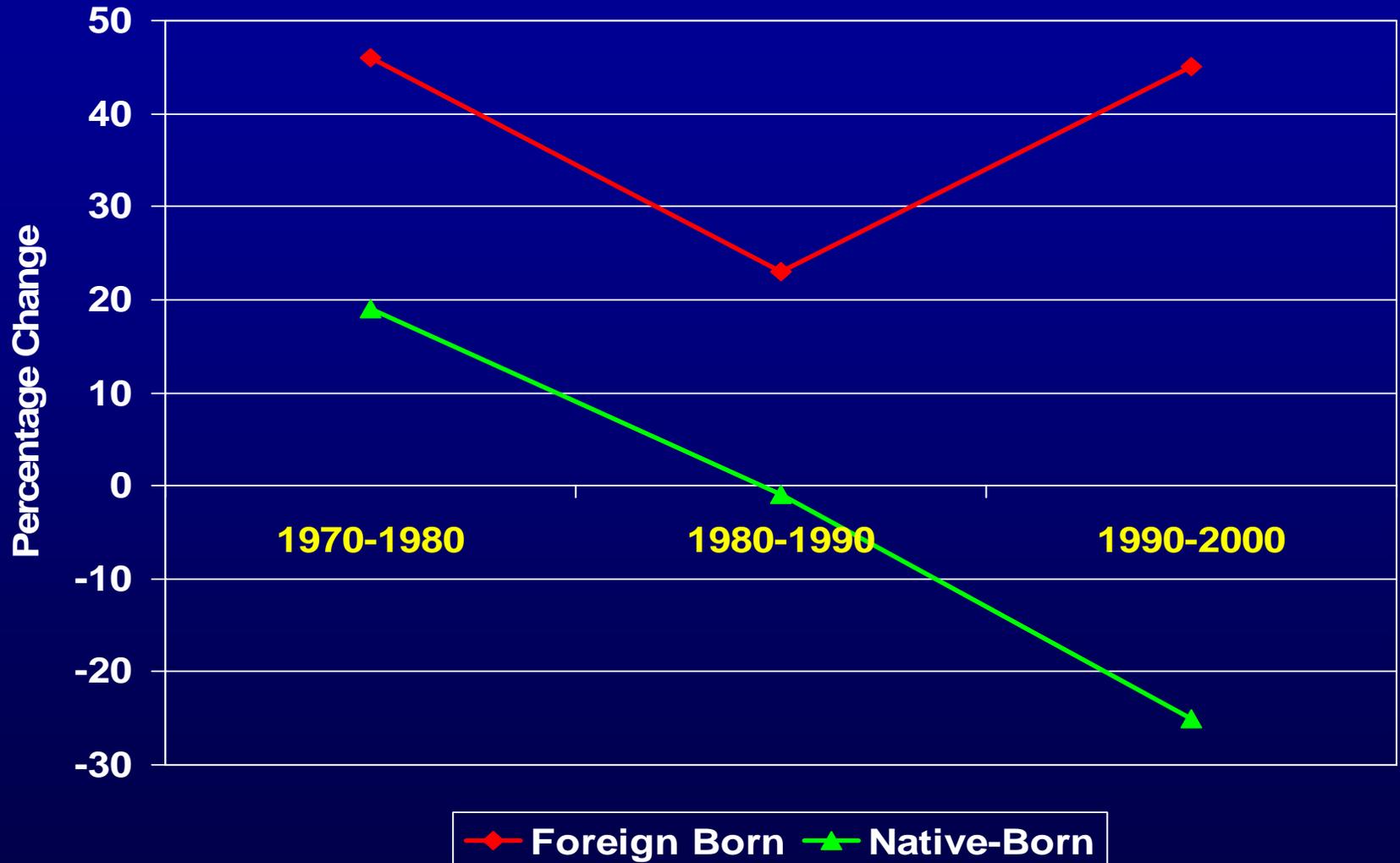
Philadelphia: Impact of Immigration



Source: Katz M, Philadelphia Migration Project; from U.S. Census, 2000.

Philadelphia: Impact of Immigration

Age 20-30 Years



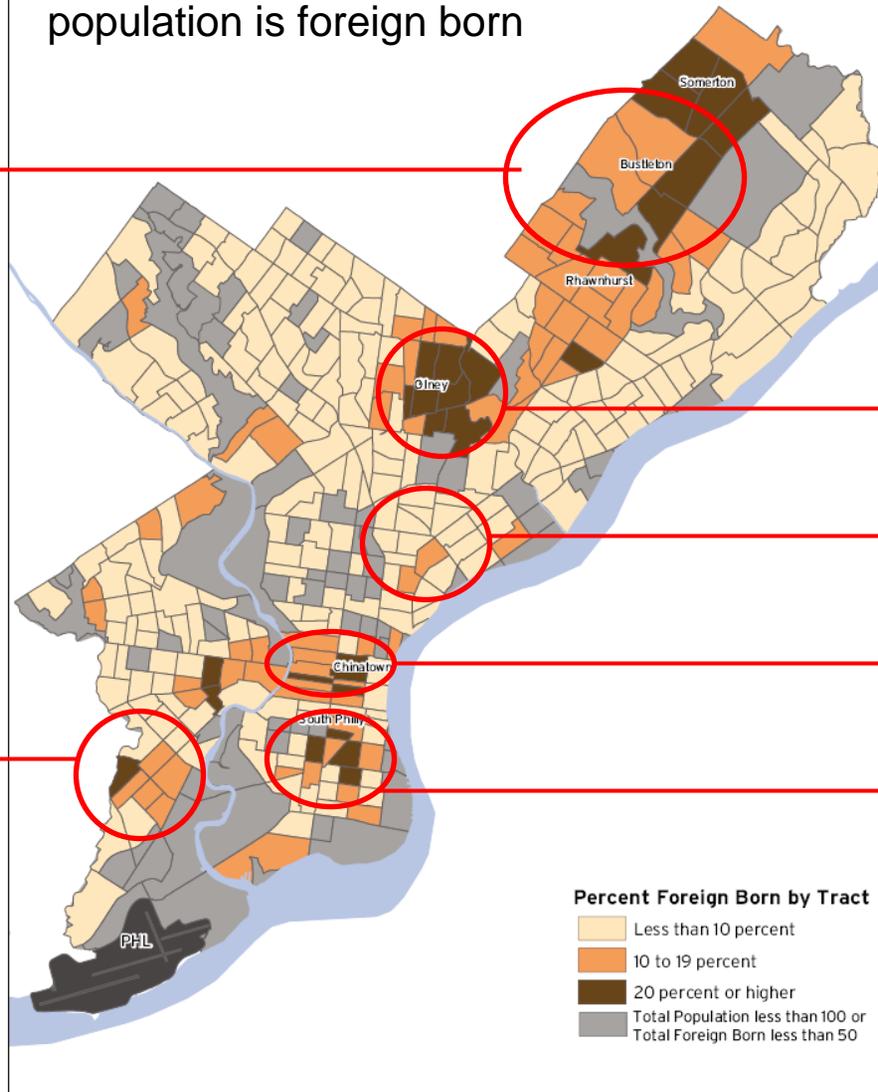
Philadelphia: Foreign-born country of origin, 2006

	2006	Total FB	% of FB
1	India	13,419	8.5%
2	China^	11,226	7.1%
3	Vietnam	10,024	6.4%
4	Ukraine	6,900	4.4%
5	Jamaica	6,822	4.3%
6	Dominican Republic	6,356	4.0%
7	Haiti	5,537	3.5%
8	Other Eastern Europe^^	4,890	3.1%
9	Mexico	4,402	2.8%
10	Liberia	3,983	2.5%
	Other	84,102	53.3%
	Top Ten Total	73,559	46.7%
	Total Foreign-born Population	157,661	100.0%

Brookings Institute, Recent Immigration to Philadelphia, November 2008

Map 1. Percent of the Total Population that is Foreign Born, City of Philadelphia, 2000

11% of Philadelphia's population is foreign born



Ukrainian, Russian, Indian, Caribbean, Eastern European, Brazilian

Korean, Southeast Asian, Indian, Puerto Rican, Dominican

Puerto Rican, Dominican

Chinese, Indonesian, Vietnamese,

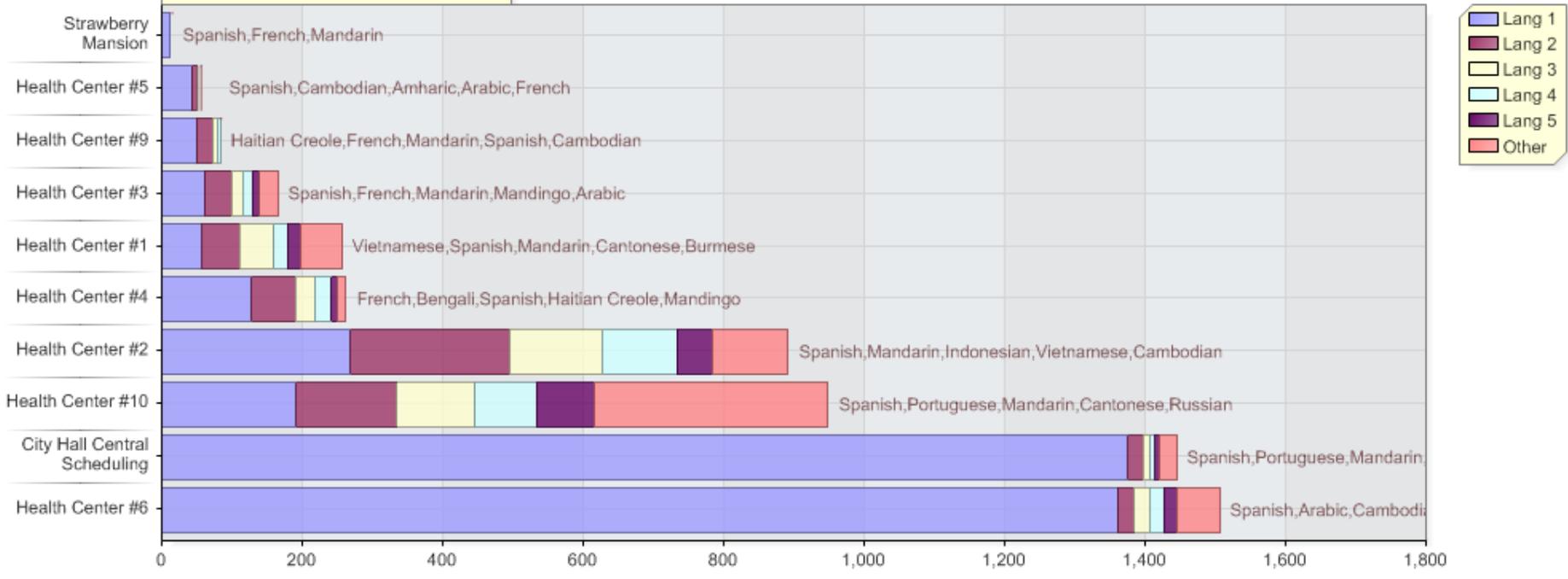
Southeast Asian, Mexican

West African, Haitian, Jamaican

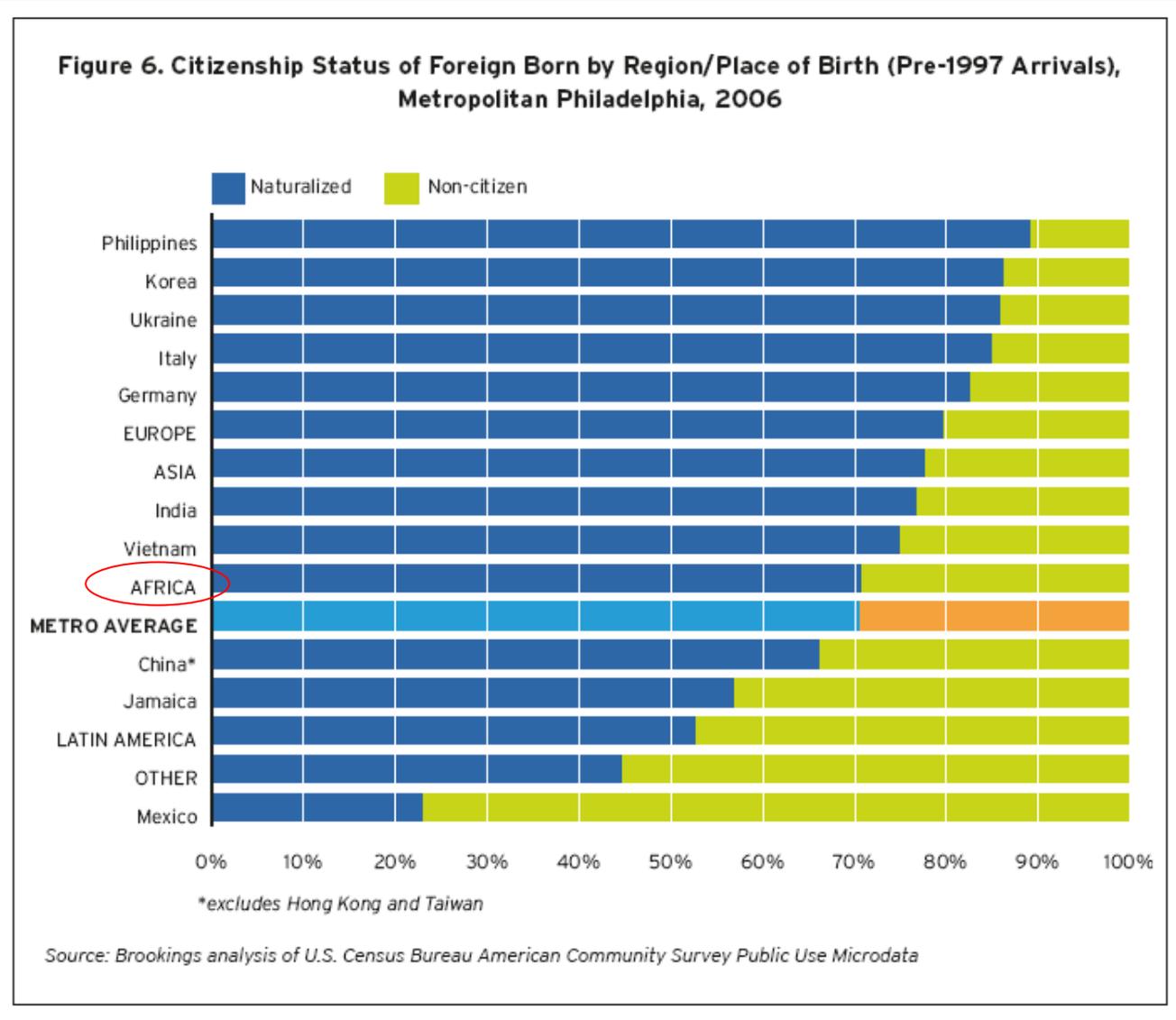
Brookings analysis of U.S. Census decennial data

Language Line Use: City Health Centers, 2008

Top 5 Languages by Top 10 Locations



Philadelphia: Foreign-born citizenship status



Philadelphia: Foreign-born vs. Native born

Table 5. Demographic and Social Characteristics of the Foreign-Born and Native-Born Population, Metropolitan Philadelphia, 2006

	Foreign Born	Native Born
<i>Age Distribution</i>		
Less than 18yrs	7.5%	26.1%
18yrs to 64yrs (Labor force)	79.8%	60.9%
65+ (Retired)	12.7%	13.0%
TOTAL	100.0%	100.0%
<i>Gender</i>		
Male	50.9%	48.1%
Female	49.1%	51.9%
TOTAL	100.0%	100.0%
<i>Educational Attainment for Population 25yrs and older</i>		
Less than High School	20.6%	12.7%
High School Diploma/GED	24.5%	32.9%
Some College	17.5%	23.6%
Bachelors or higher	37.4%	30.7%
TOTAL	100.0%	100.0%
<i>English Language Ability for Population 5yrs and older</i>		
Speak English Only	22.7%	93.1%
Non-English Home Language	77.3%	6.9%
-Speak English Very well	45.0%	77.0%
-Less than Very Well	55.0%	23.0%
TOTAL	100.0%	100.0%

Source: Brookings analysis of U.S. Census Bureau American Community Public Use Microdata

Philadelphia: Foreign-born occupations

Top 10 Detailed Occupations	
	Computer Software Engineer
	Cook
	Home health aide
	Registered Nurse
	Cashier
	Janitor
	Retail sales manager
	Postsecondary teacher
	Maid, housekeeper
	Grounds maintenance

Brookings Institute, Recent Immigration to Philadelphia, November 2008

QUESTIONS?



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