

Community Youth Meetings 2007

Health Status of Youth: Fenway

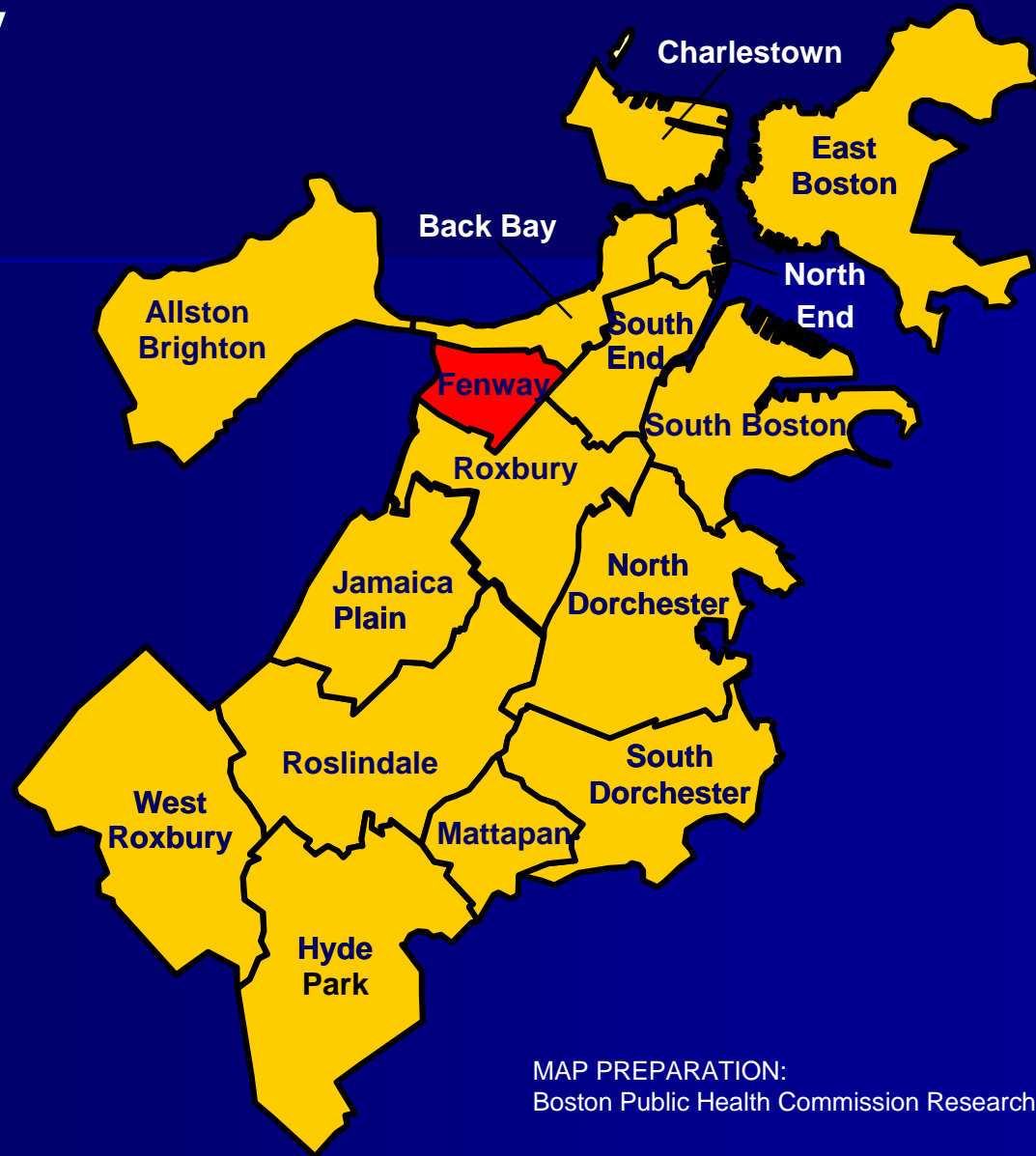
November 8, 2007

Presented by the Boston Public Health
Commission



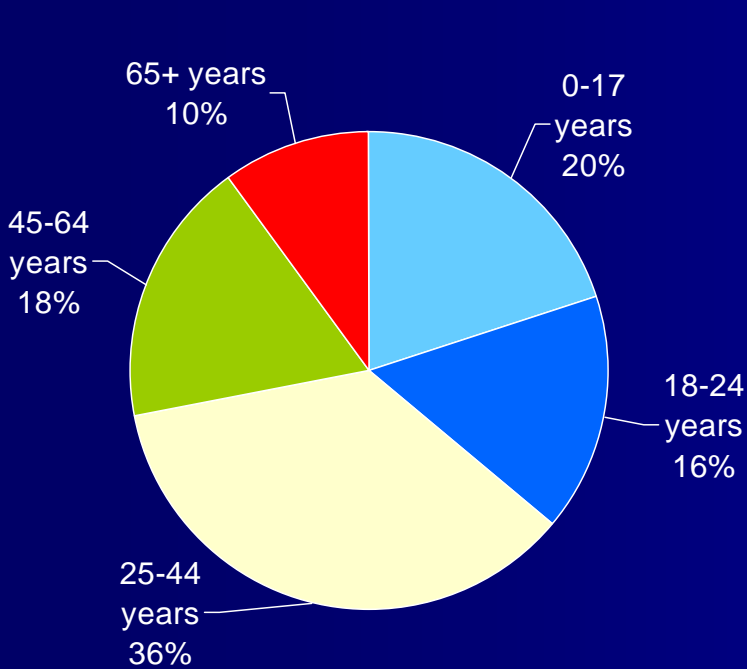
B O S T O N

Fenway

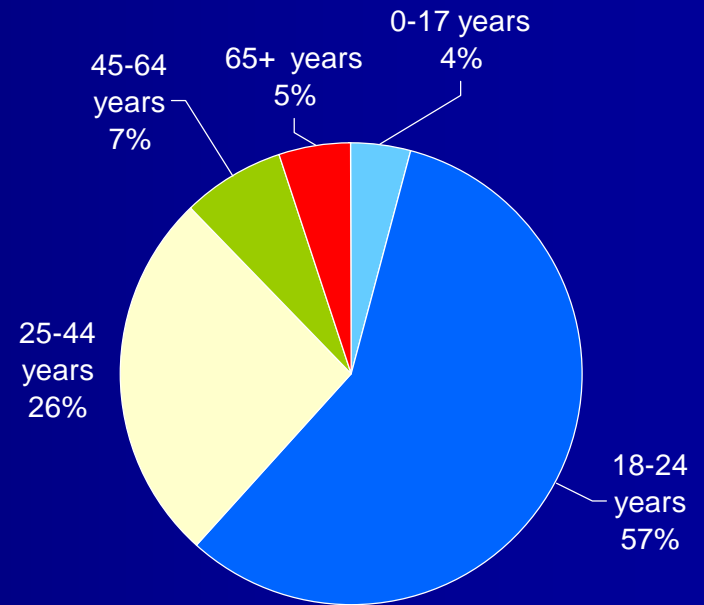


MAP PREPARATION:
Boston Public Health Commission Research Office

Population by Age Group Fenway and Boston, 2000

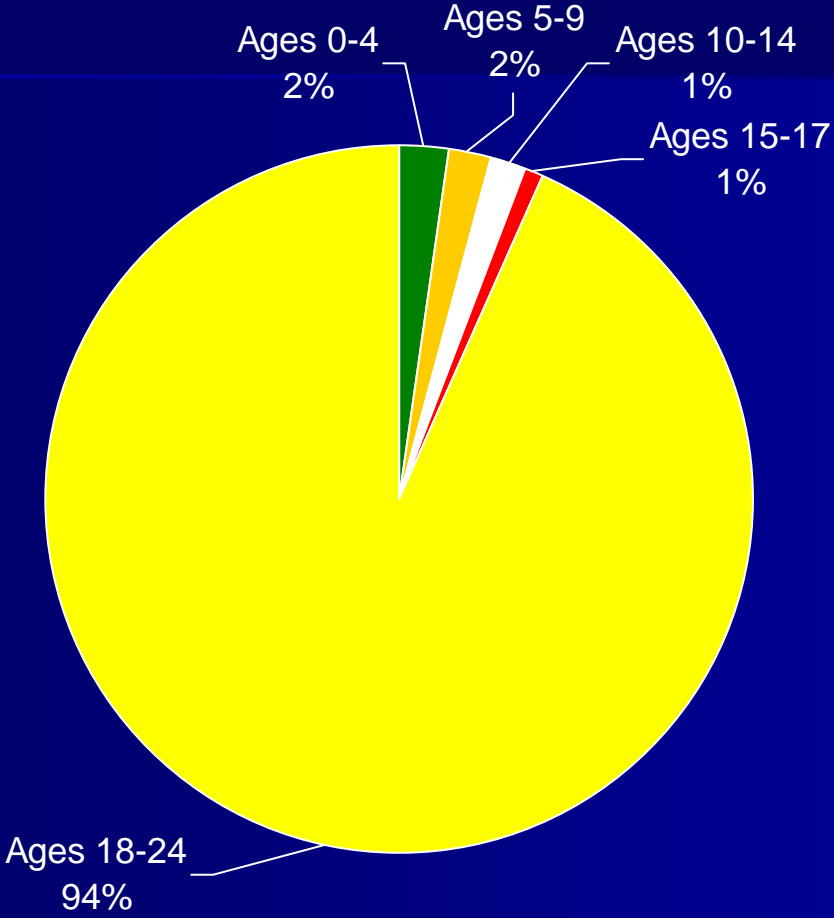


Boston



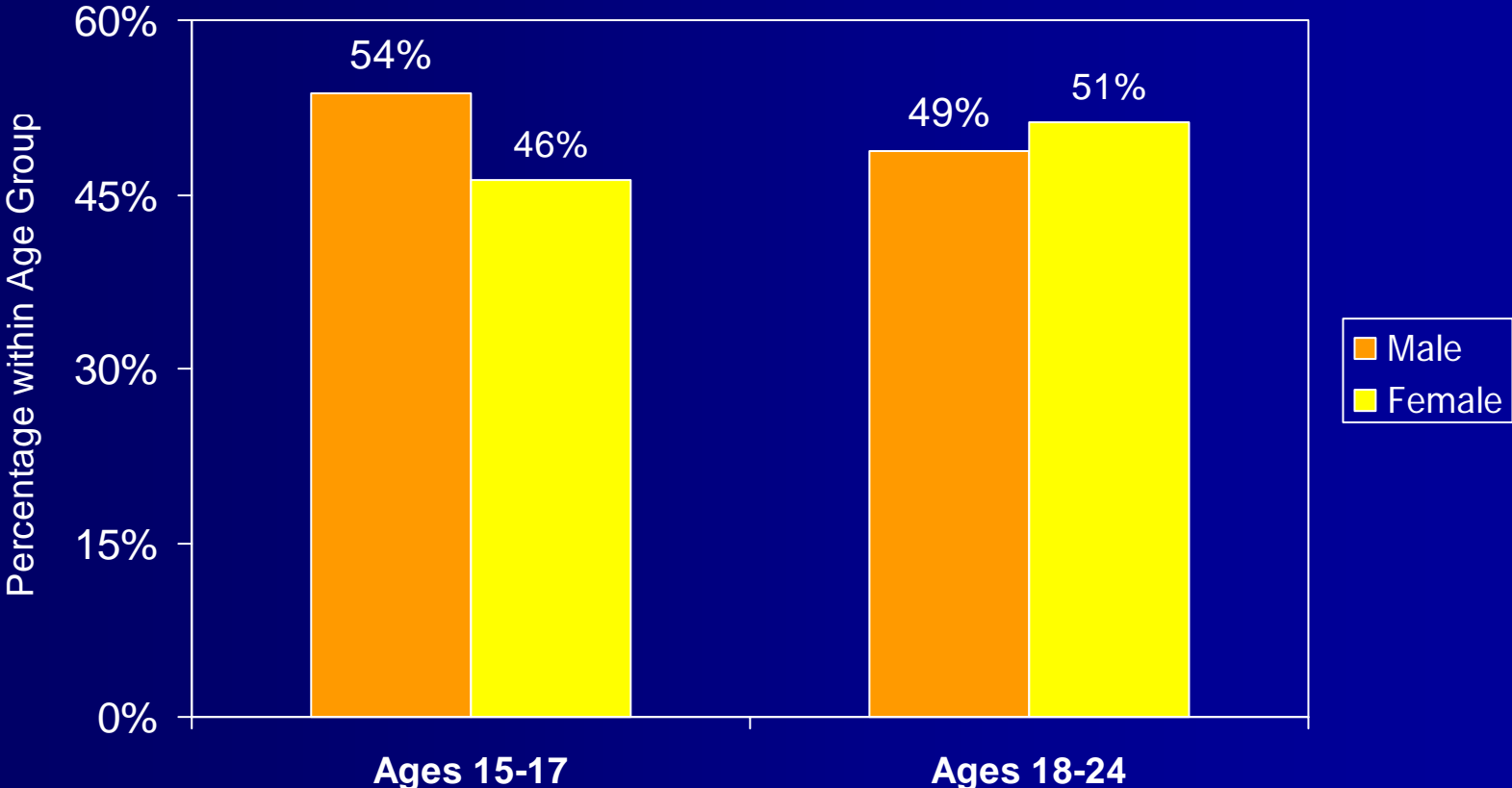
Fenway

Youth and Young Adult Population by Age, Fenway, 2000



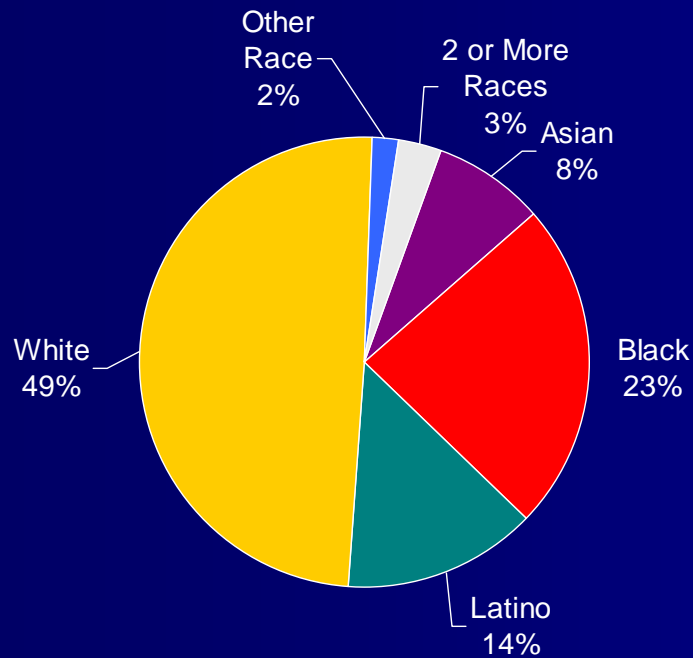
DATA SOURCE: Census, US Department of Commerce, Bureau of the Census, American FactFinder
DATA ANALYSIS: Boston Public Health Commission Research Office

Youth and Young Adult Population by Gender, Fenway, 2000

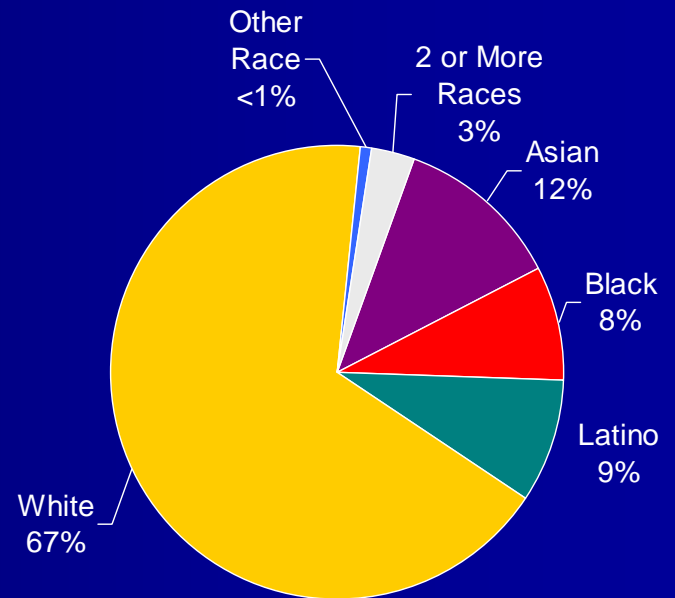


DATA SOURCE: Census 2000, US Department of Commerce, Bureau of the Census, American FactFinder
DATA ANALYSIS: Boston Public Health Commission Research Office

Racial and Ethnic Makeup Fenway and Boston, 2000

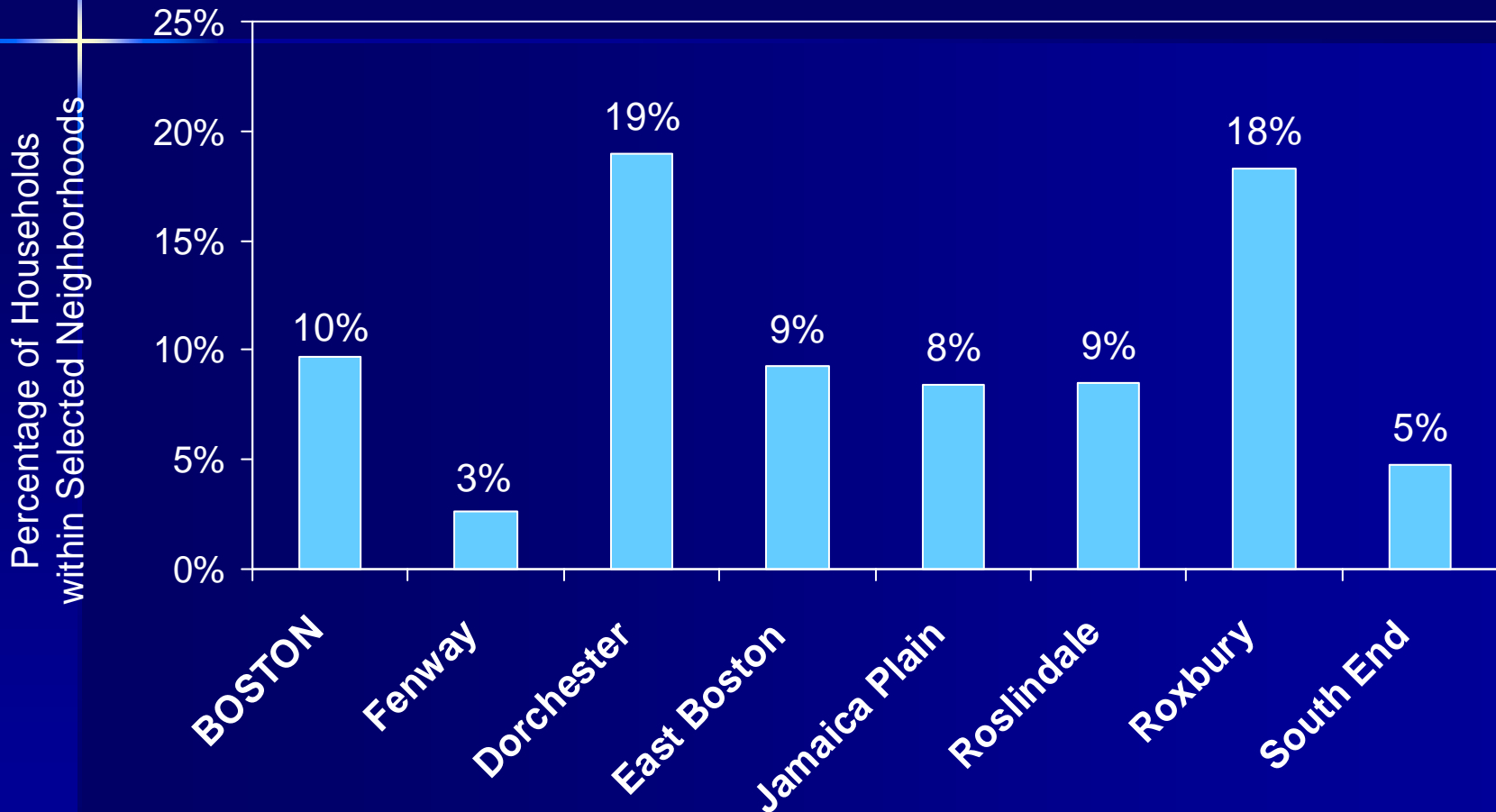


Boston



Fenway

Female-Headed Households* with Own Children Under Age 18, 2000



*No husband present

•DATA SOURCE: Census 2000, US Department of Commerce, Bureau of the Census, American FactFinder

DATA ANALYSIS: Boston Public Health Commission Research Office

Selected Socioeconomic Indicators Boston Overall and Fenway, 2000

Indicator	Boston	Fenway
% of Population with Less Than High School Diploma or GED (Adults Ages 25 and Over)	21%	11%
% of Population Below Poverty Level*	20%	37%
% of Children (Under 18) Below Poverty Level*	26%	36%
% of Adults 65 and Older Below Poverty Level*	18%	27%
Median Household Income in 1999*	\$39,629	\$25,380

*Based on 1999 income

DATA SOURCE: US Department of Commerce, Bureau of the Census, American FactFinder, Census 2000, Sample Data

DATA ANALYSIS: Boston Public Health Commission Research Office

EDUCATION



Students Most at Risk of Dropping Out of School

Segments	% of Class of 2004 Dropouts	4- Year Graduation Rate
Students with One or More 8 th Grade “Risk Factors”	26%	34%
Students with Multiple 9 th Grade Core Course Failures	18%	31%
Substantially Separate Special Education Students	17%	24%
Late Entrant English Language Learner (ELL) Students	13%	36%

DATA SOURCE: BOSTON PUBLIC SCHOOLS Memorandum – “Graduation for All” – Update - September 25, 2007

GRAPHIC: Boston Public Health Commission Research Office

Grade Level 10 2007 MCAS Results: English Language by Race/Ethnicity, Boston

Race/Ethnicity	Total	Advanced/ Above Proficient	Proficient	Needs Improvement	Warning/ Failing
African American/Black	1,730	5%	35%	44%	15%
Asian	416	26%	50%	20%	4%
Hispanic/Latino	1,215	5%	38%	41%	16%
Native American	18	17%	39%	39%	6%
White	631	28%	46%	19%	6%
Native Hawaiian/ Pacific Islander	1	-	-	-	-
Multi-race- Non- Hispanic/Latino	30	13%	43%	37%	7%
Total Students	4,041				

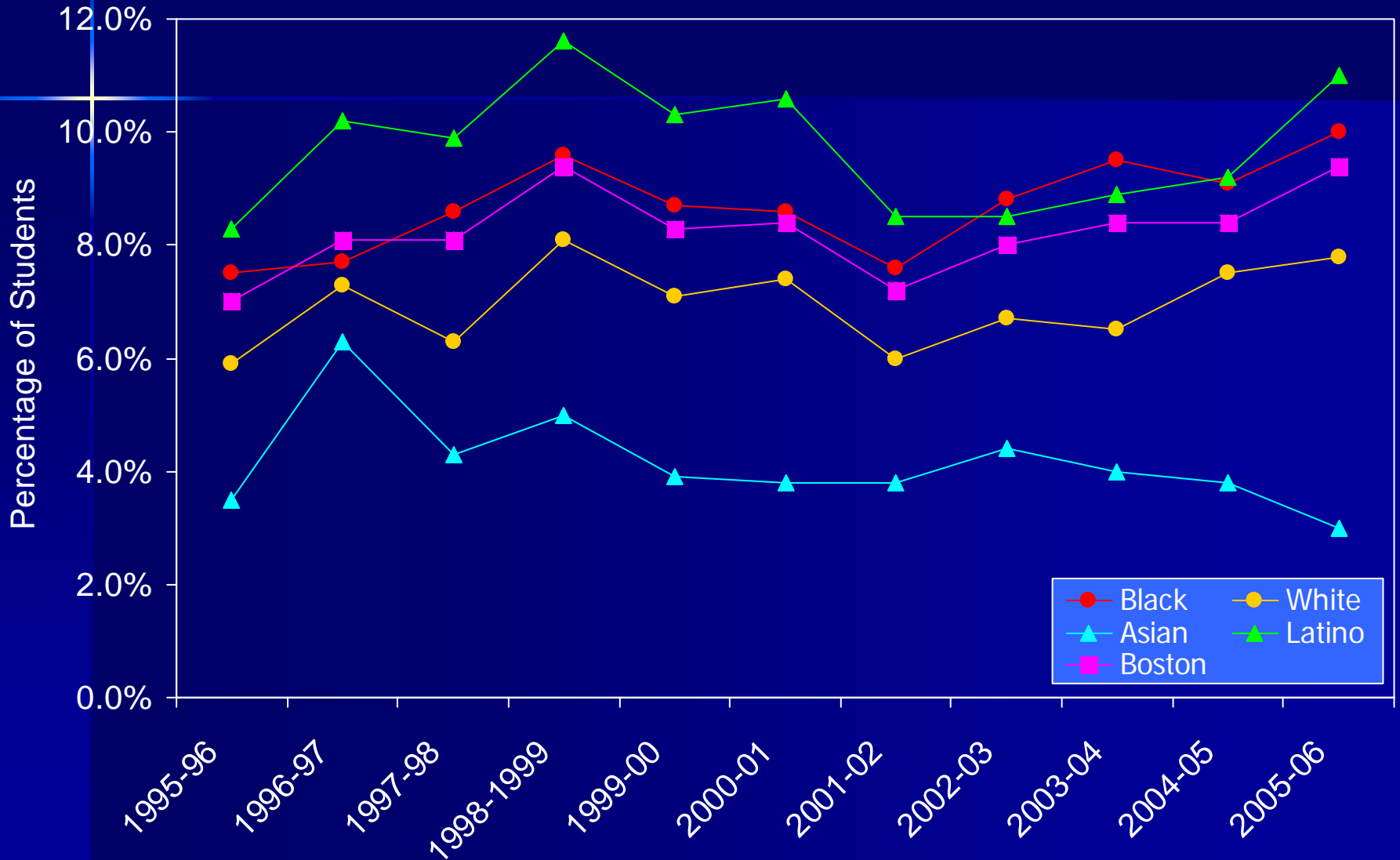
Grade Level 10 2007 MCAS Results for Mathematics in Boston

Race/Ethnicity	Total	Advanced/ Above Proficient	Proficient	Needs Improvement	Warning/ Failing
African American/Black	1,688	21%	24%	33%	23%
Asian	412	77%	12%	7%	4%
Hispanic/Latino	1,185	24%	24%	30%	21%
Native American	16	31%	19%	38%	13%
White	619	55%	19%	16%	11%
Native Hawaiian/ Pacific Islander	1	-	-	-	-
Multi-race- Non- Hispanic/Latino	29	38%	28%	21%	14%
Total Students	3,950				

DATA SOURCE: Massachusetts Department of Education, 2007

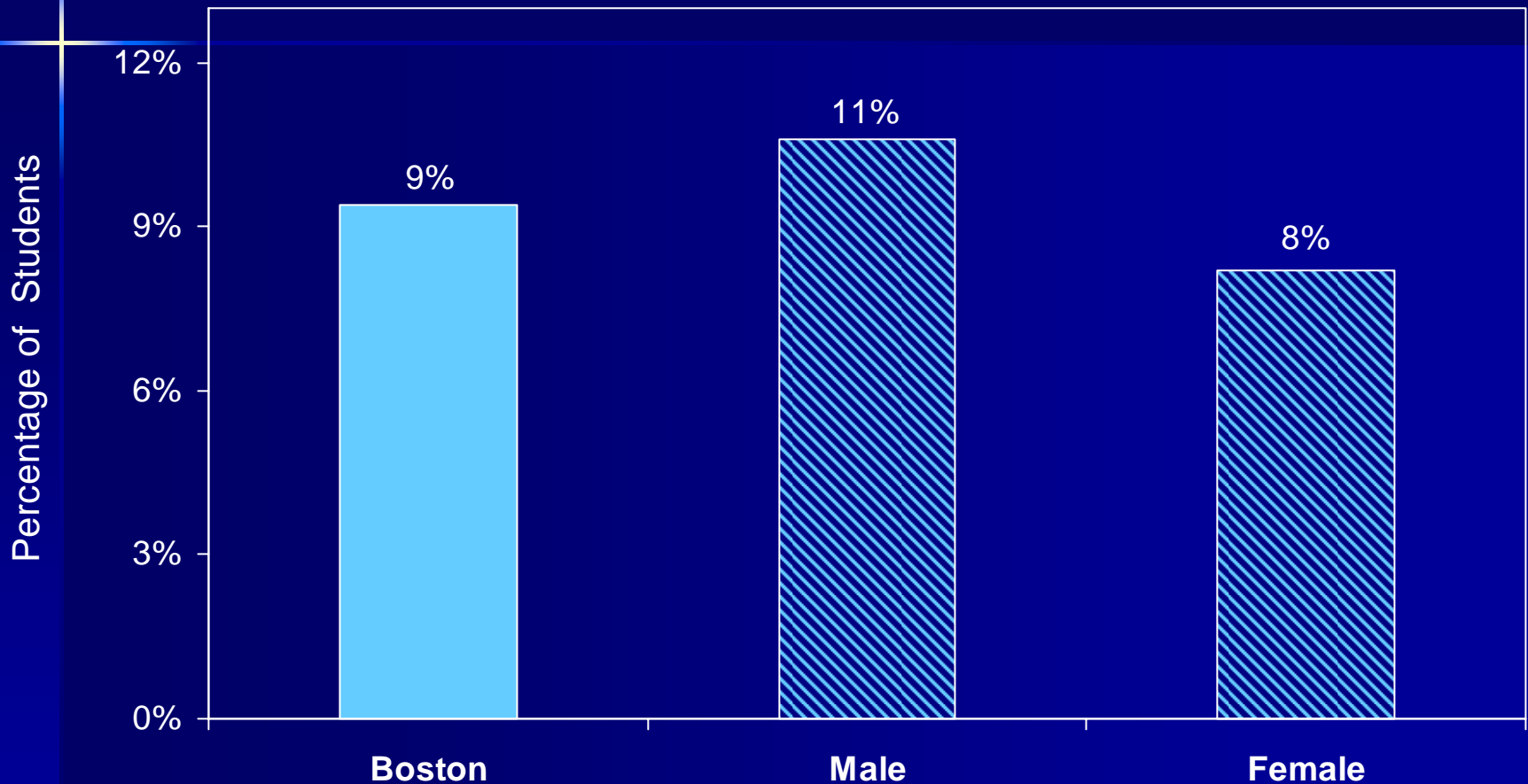
GRAPHIC: Boston Public Health Commission Research Office

Annual Dropout Rates by Race/Ethnicity and Year, Boston: 1995-96 through 2005-06



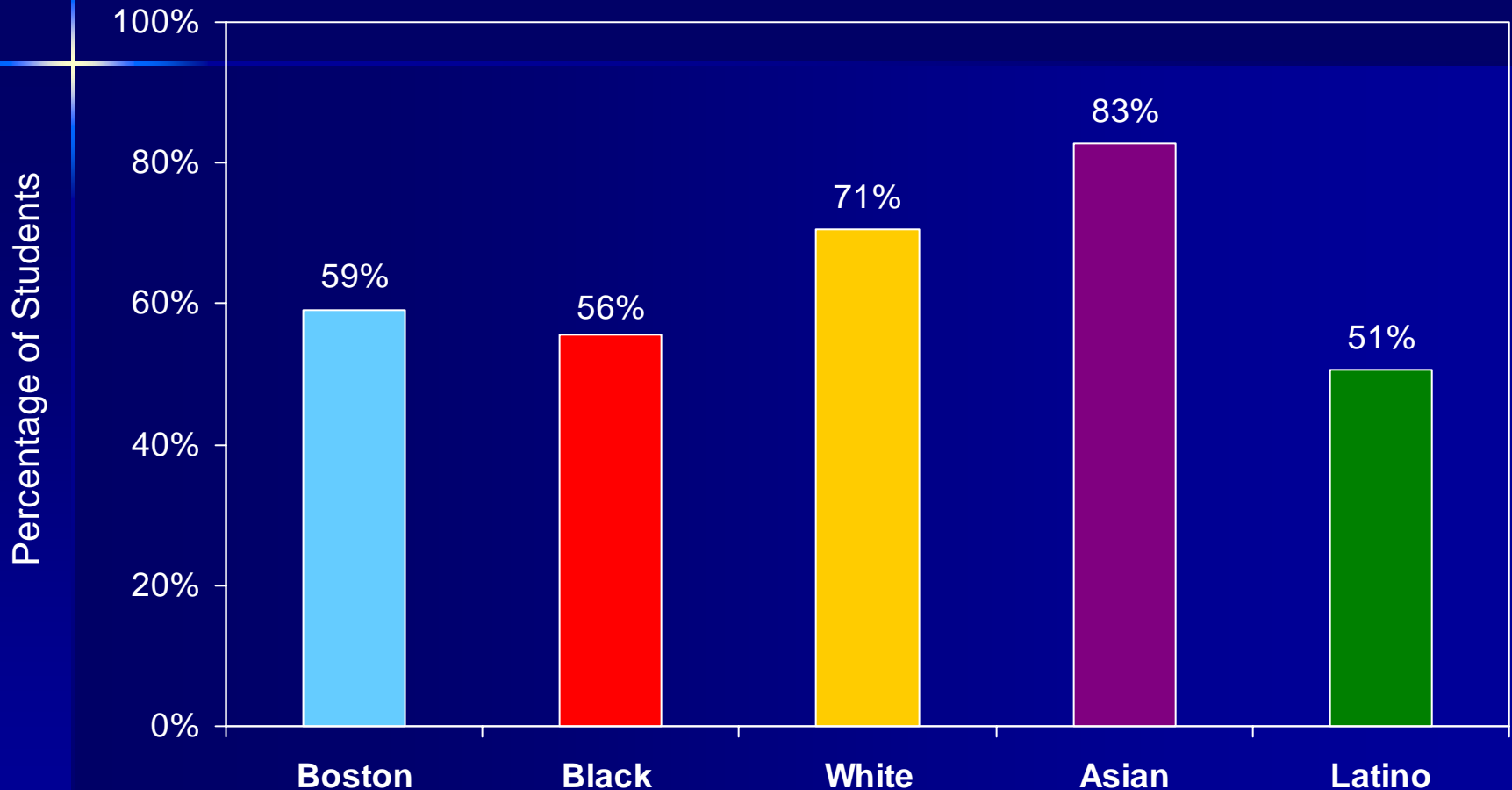
DATA SOURCE: Q and A, Boston Public Schools 2005-2006: Student Dropout
 GRAPHIC: Boston Public Health Commission Research Office

Annual Dropout Rates Sex: Grades 9-12, Boston, 2005-2006



DATA SOURCE: Q and A, Boston Public Schools 2005-2006: Student Dropout
GRAPHIC: Boston Public Health Commission Research Office

4-Year Graduation Rate: Grades 9-12 Boston, 2006

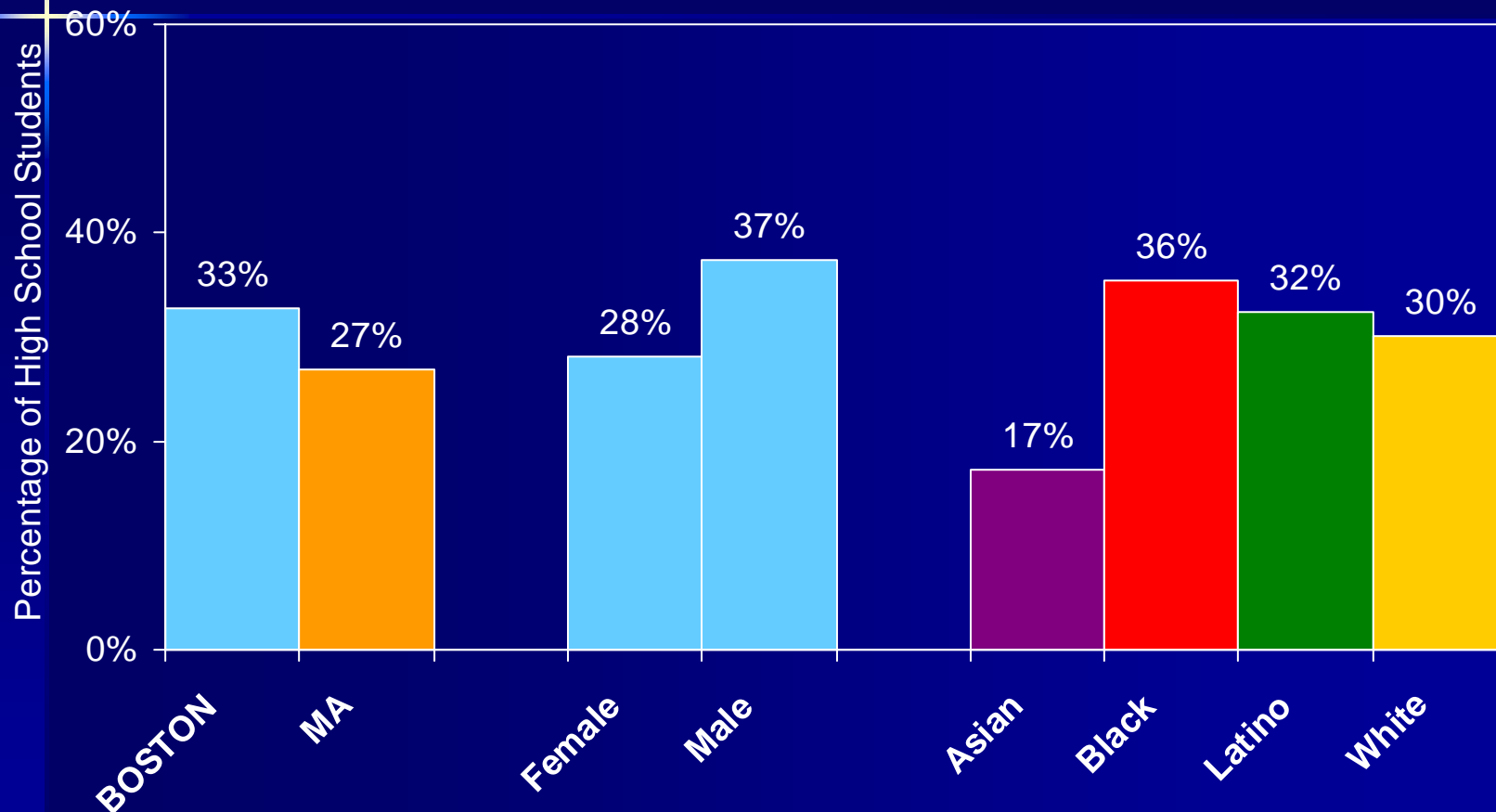


NOTES: Graduation rate Indicates the percentage of students who graduate with a regular high school diploma within 4 years.
of students in cohort who graduate in 4 years or less/ [# of 1st time entering 9th graders 4 years earlier] – transfers out + transfers in
DATA SOURCE: Massachusetts Department of Education
GRAPHIC: Boston Public Health Commission Research Office

OVERWEIGHT and OBESITY

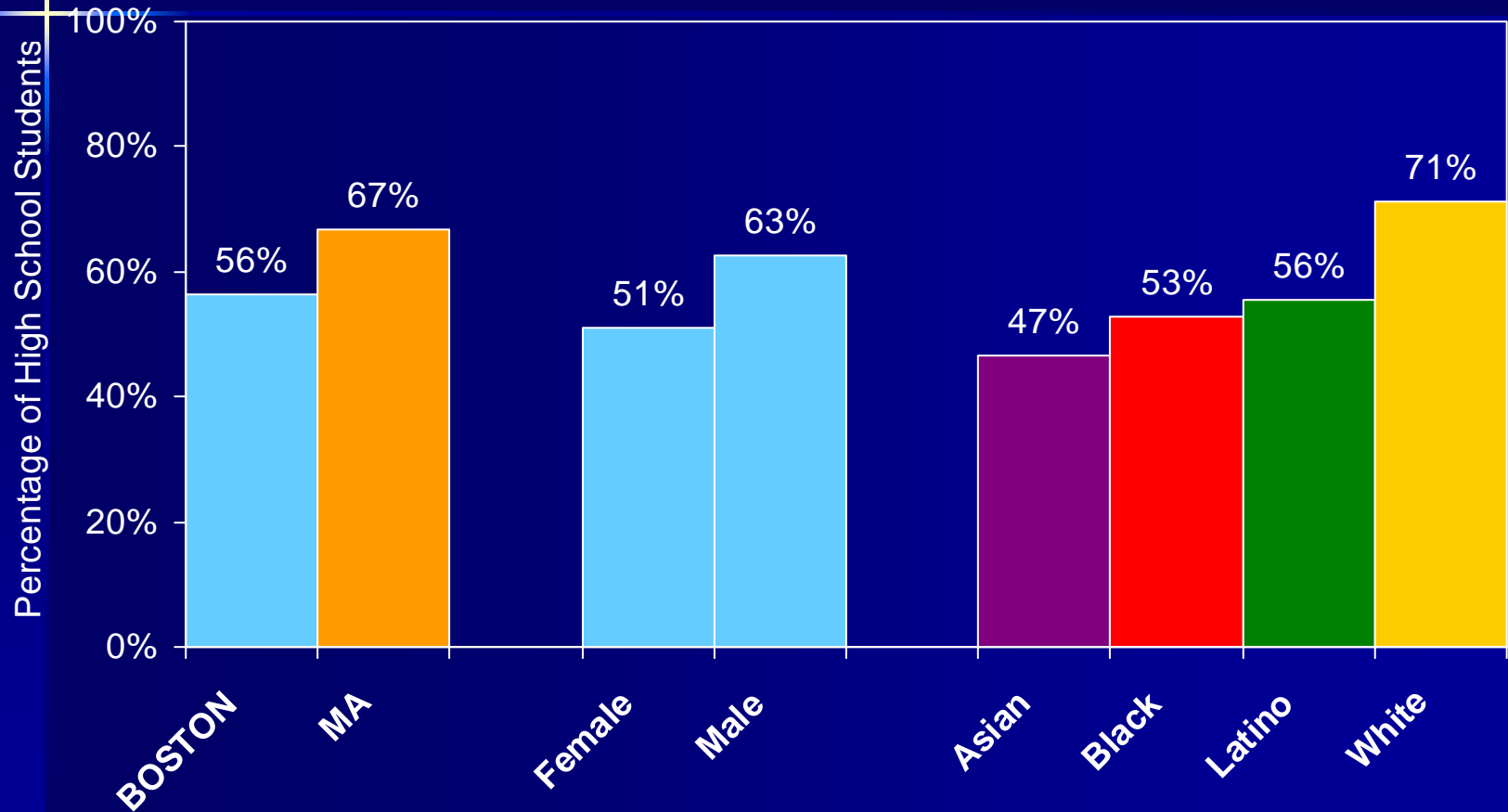


At Risk for Overweight or Overweight/Obese, High School Students Boston, 2005



DATA SOURCE: Boston Youth Risk Behavior Survey 2005, Centers for Disease Control (CDC)
DATA ANALYSIS: Boston Public Health Commission Research Office

Adequate Exercise/Physical Activity High School Students, Boston, 2005

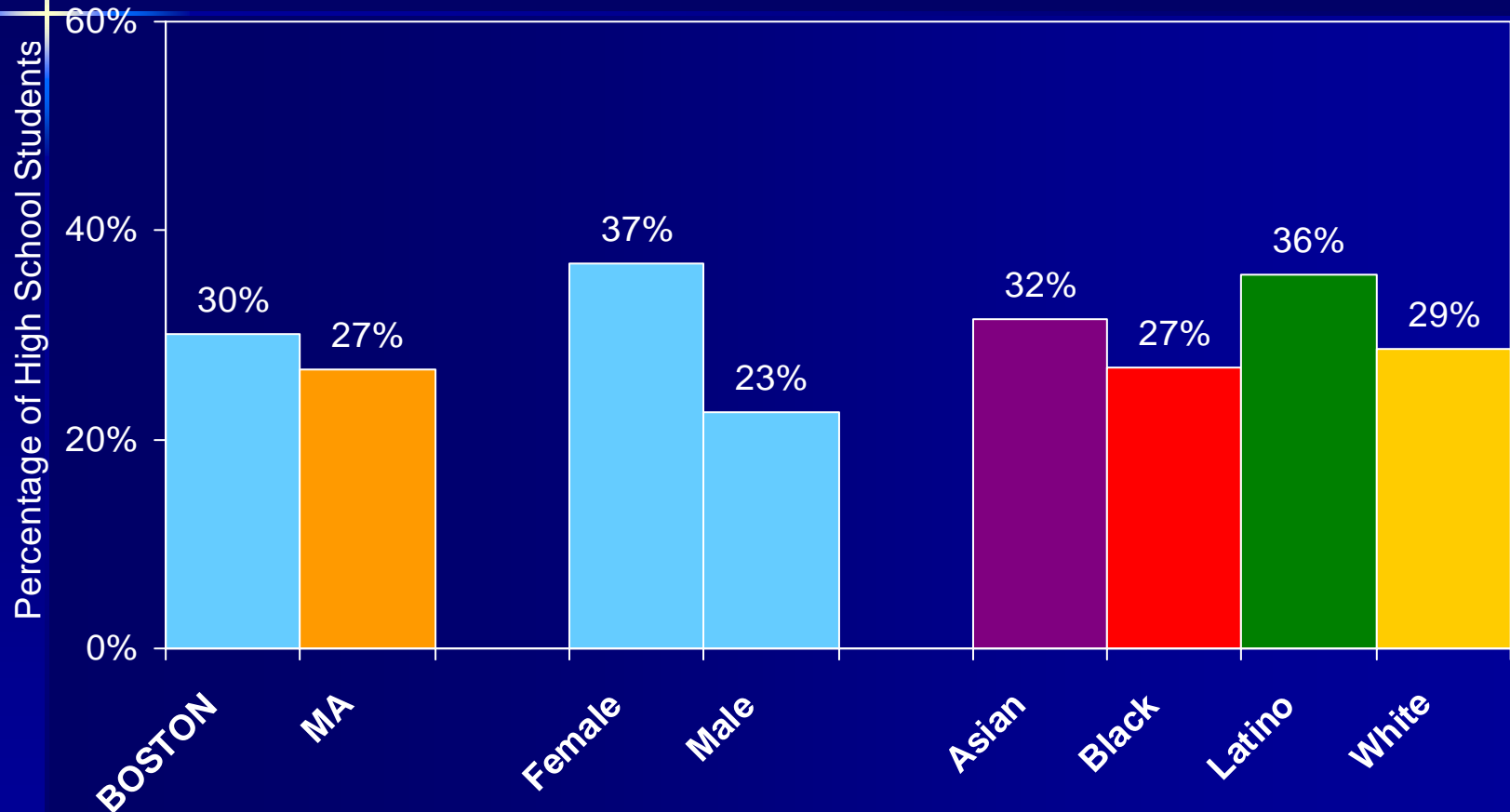


DATA SOURCE: Boston Youth Risk Behavior Survey 2005, Centers for Disease Control (CDC)
DATA ANALYSIS: Boston Public Health Commission Research Office

MENTAL HEALTH

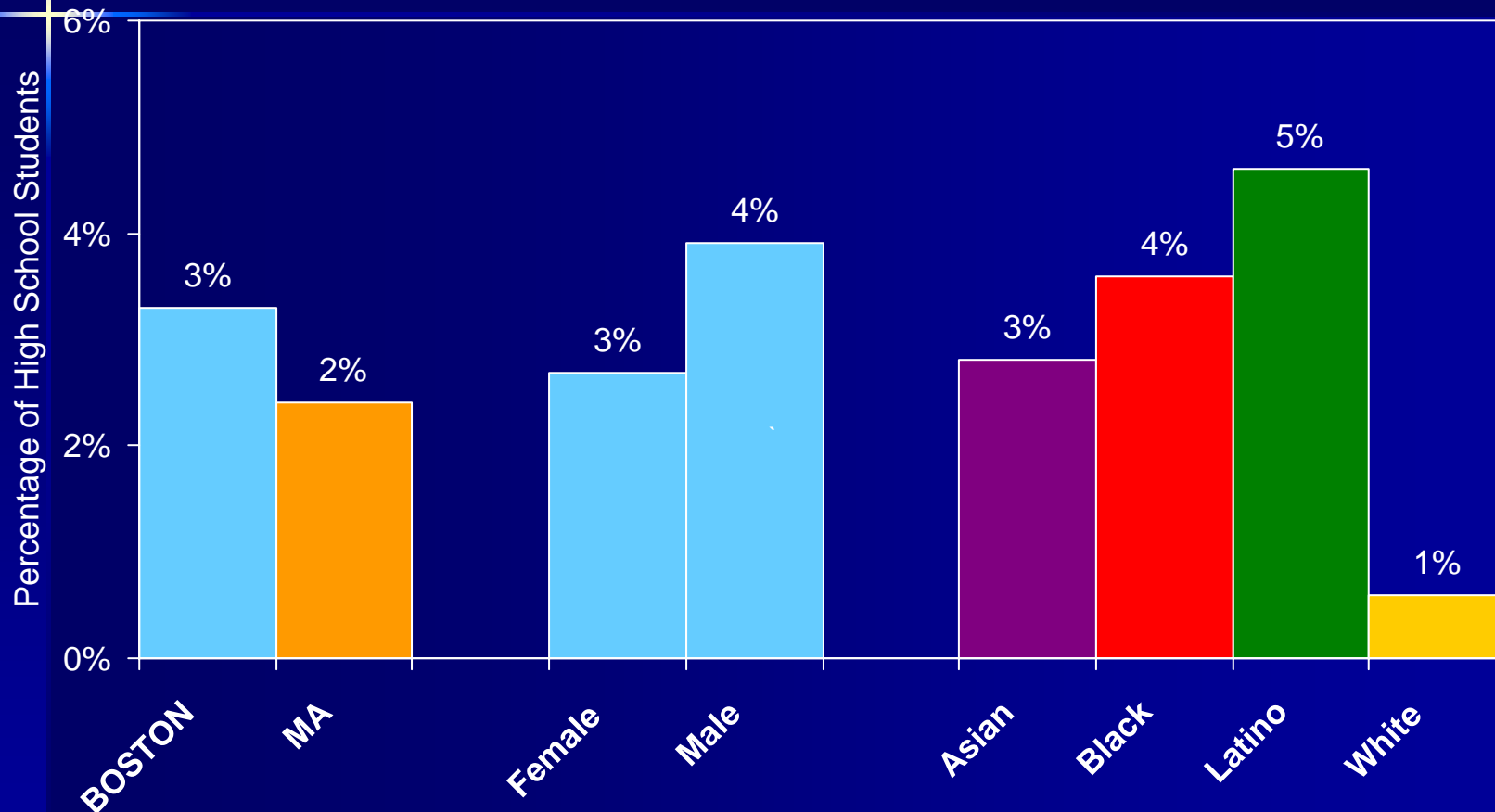


Felt Sad/Hopeless for Two Weeks Straight During Past Year, High School Students Boston, 2005



DATA SOURCE: Boston Youth Risk Behavior Survey 2005, Centers for Disease Control (CDC)
DATA ANALYSIS: Boston Public Health Commission Research Office

Suicide Attempt Requiring Medical Care During Past Year, High School Students Boston, 2005



DATA SOURCE: Boston Youth Risk Behavior Survey 2005, Centers for Disease Control (CDC)
DATA ANALYSIS: Boston Public Health Commission Research Office

FENWAY: SUMMARY of MAJOR FINDINGS

POSITIVE

- **Adolescent Births** - In 2005, there were less than 5 births to Fenway adolescents ages 15-17.
- **Infant Mortality** - During 2001-2005, less than 5 Fenway infants died.
- **ED Intentional Injury Visits** – In 2005, Fenway youth (ages 0-17) and young adults (ages 18-24) made less than 5 visits each to hospital EDs for intentional injuries due to guns or sharp objects like knives. In addition, Fenway youth made less than 5 visits to hospital EDs for intentional injuries due to unarmed fights and self-inflicted injuries.

CHALLENGES

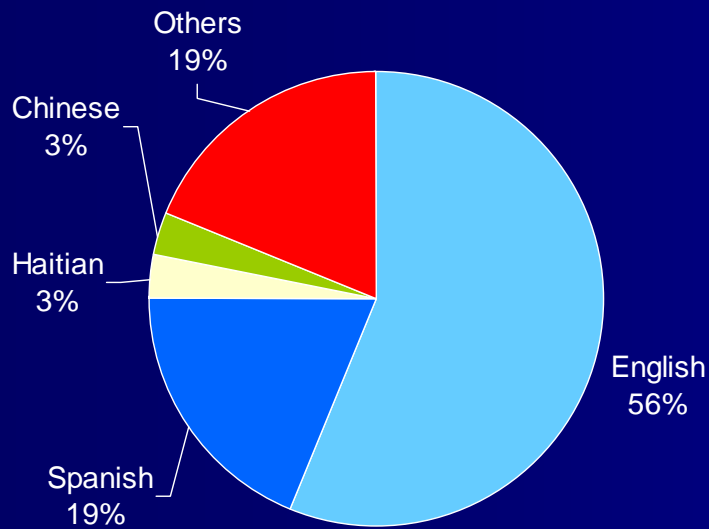
- **ED intentional Injury Visits for Self-Inflicted Injuries** – In 2005, 43% of visits made by Fenway young adults, ages 18-24, to hospital EDs for intentional injuries were for self-inflicted injuries which may include suicide attempts.
- **Asthma Hospitalization Rate** – Although the Fenway asthma hospitalization rate for children under age 5 (8 hospitalizations per 1,000 pop.) during 2004-2006 was the same as for Boston children, that rate is still higher than the Healthy People 2010 target of no more than 2.5 hospitalizations per 1,000 pop. Furthermore, the rate for Fenway children ages 5-17 was one-third higher than the Boston rate.

BPHC YOUTH PROGRAMS

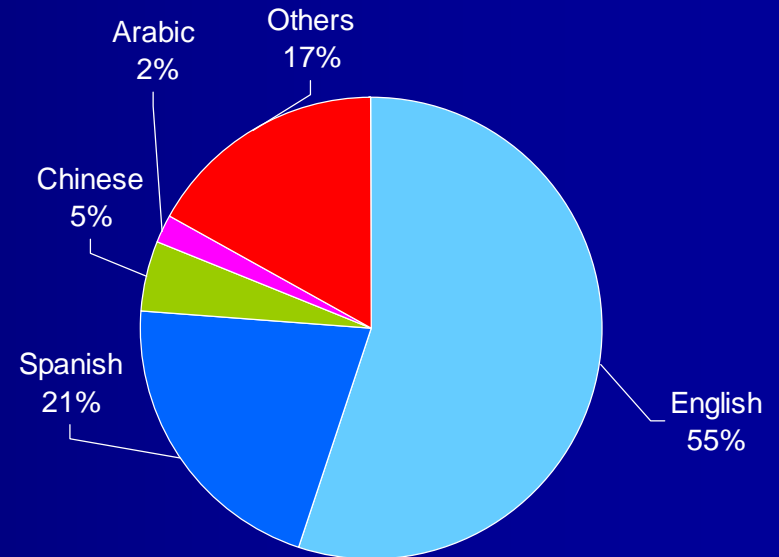
- **Adolescent Wellness Program**
- **Boston Area Health Education Center (BAHEC)**
- **Child and Adolescent Mental Health**
- **Connecting Families to Schools**
- **School Based Health Programs**
 - **Parochial, Private & Charter School Program**
 - **Public School Program**
- **Youth Development Network**

Slides Not Included in the Presentation

Language Spoken at Home by Students Boston and Fenway, 2005



Boston



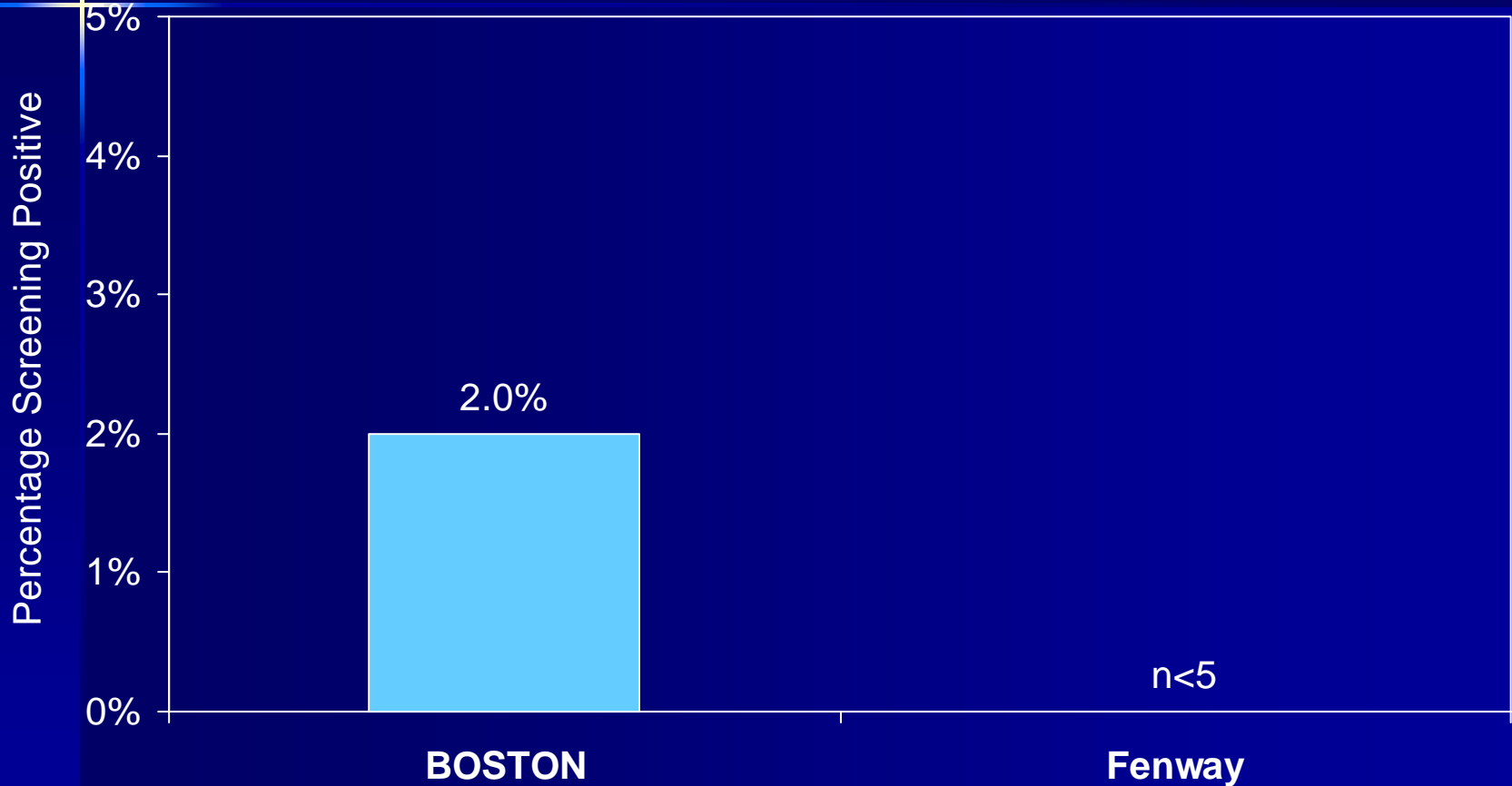
Fenway

ENVIRONMENTAL LEAD

ASTHMA



Children with Elevated Blood Lead Levels in Fenway: Percentages for Screened Population, Boston, 2006



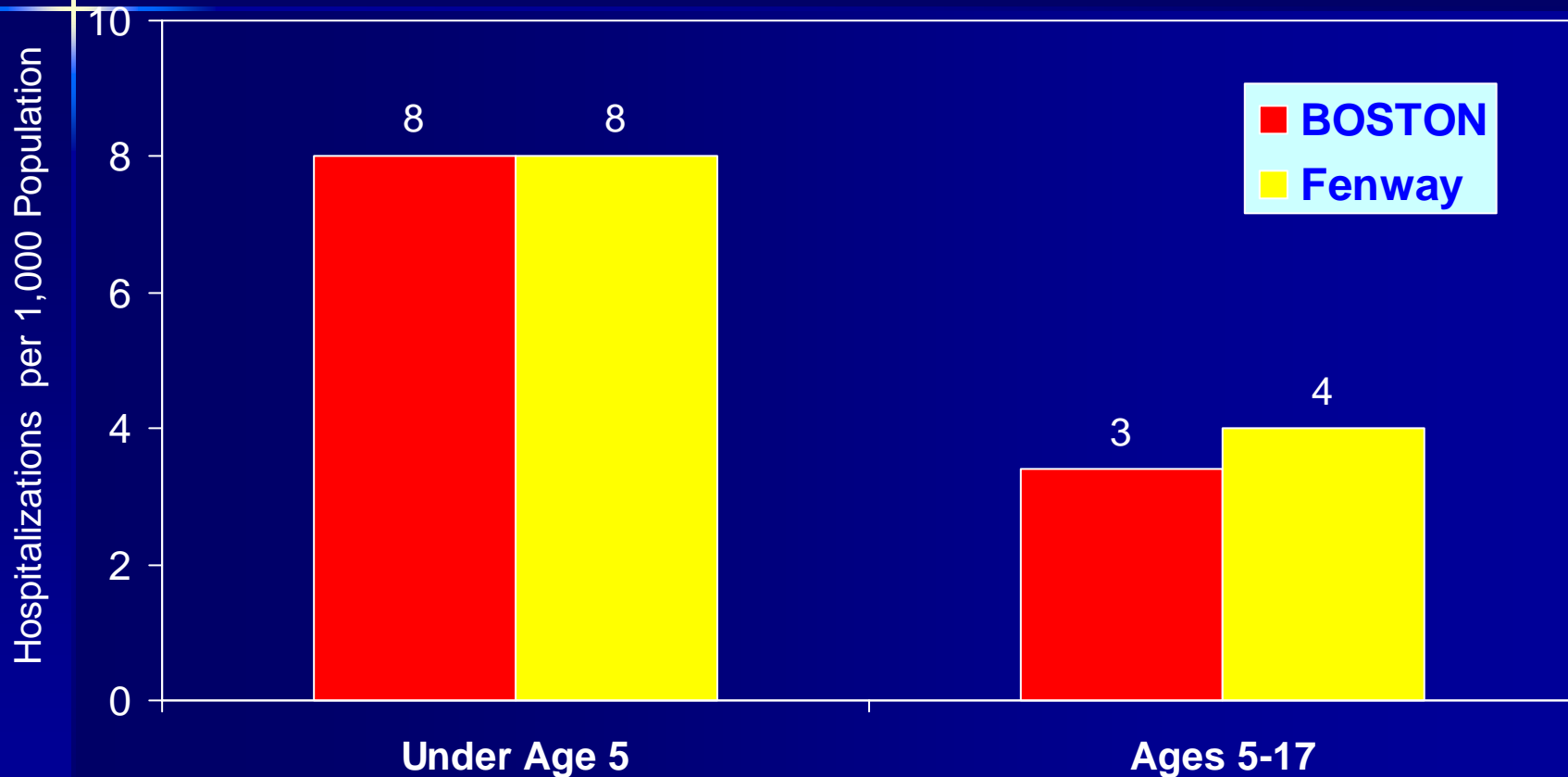
NOTE: The data shown in the chart do not include those children whose neighborhood of residence is unknown nor those children who are not Boston residents.

DATA SOURCE: Lead Screening Data, Boston Public Health Commission Office of Environmental Health

DATA ANALYSIS: Lead Screening Data, Boston Public Health Commission Office of Environmental Health

GRAPHIC: Boston Public Health Commission Research Office

Asthma Hospitalizations of Children Under Age 5 and Ages 5-17, Boston and Fenway, 2004-2006

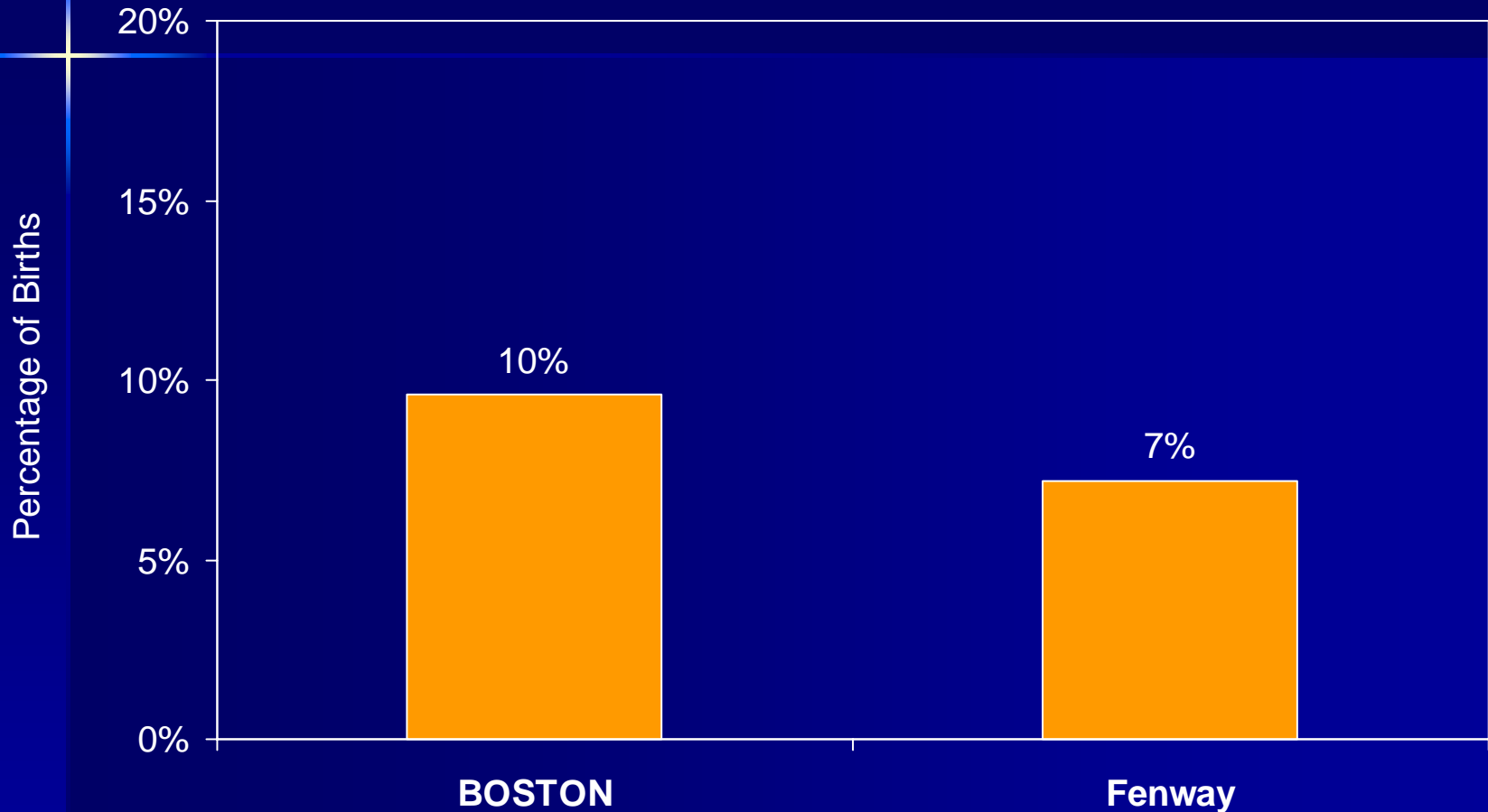


DATA SOURCE: Acute Care Hospital Case Mix Files, Massachusetts Division of Health Care Finance and Policy
DATA ANALYSIS: Boston Public Health Commission Research Office

MATERNAL AND CHILD

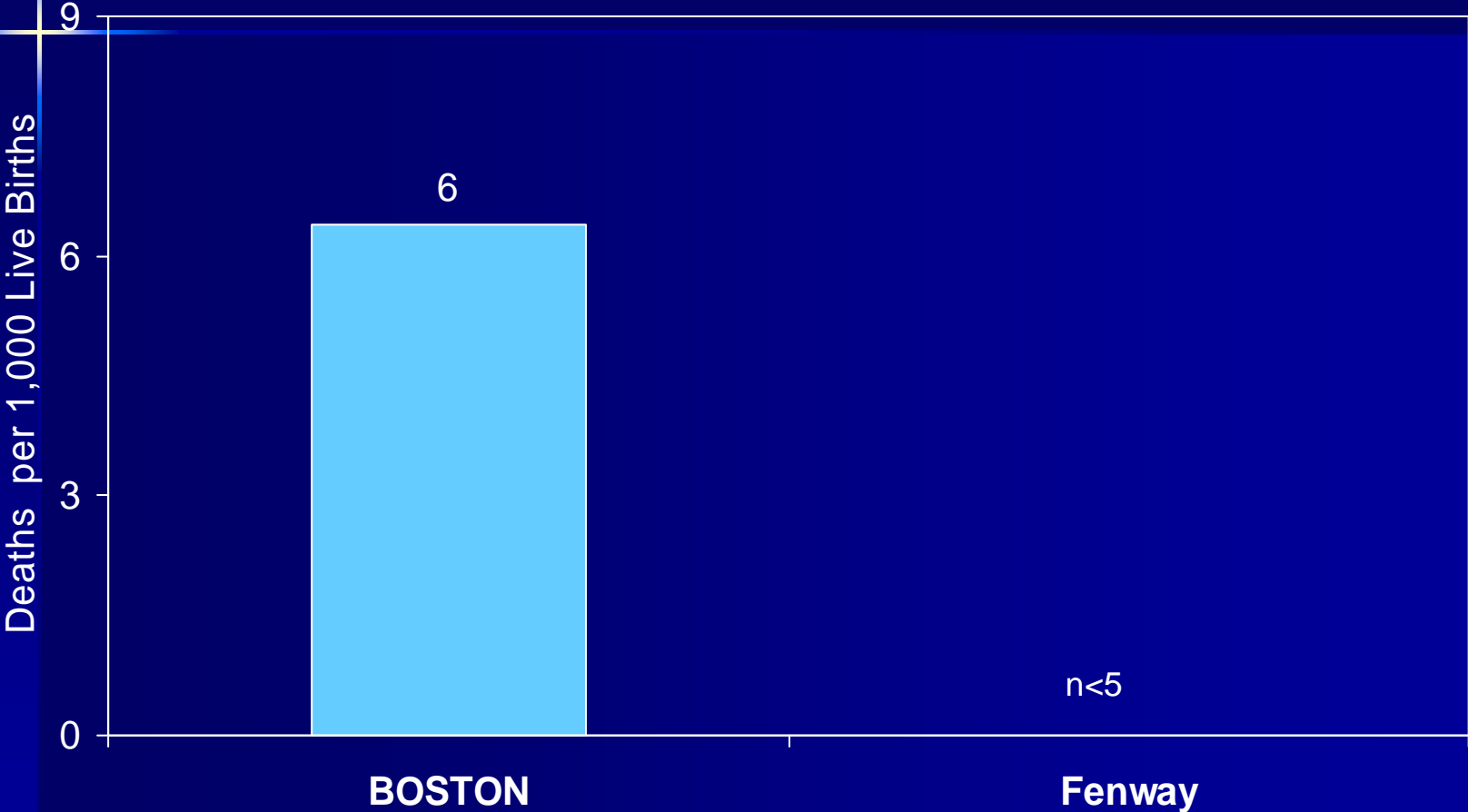


Low Birthweight Boston and Fenway, 2005



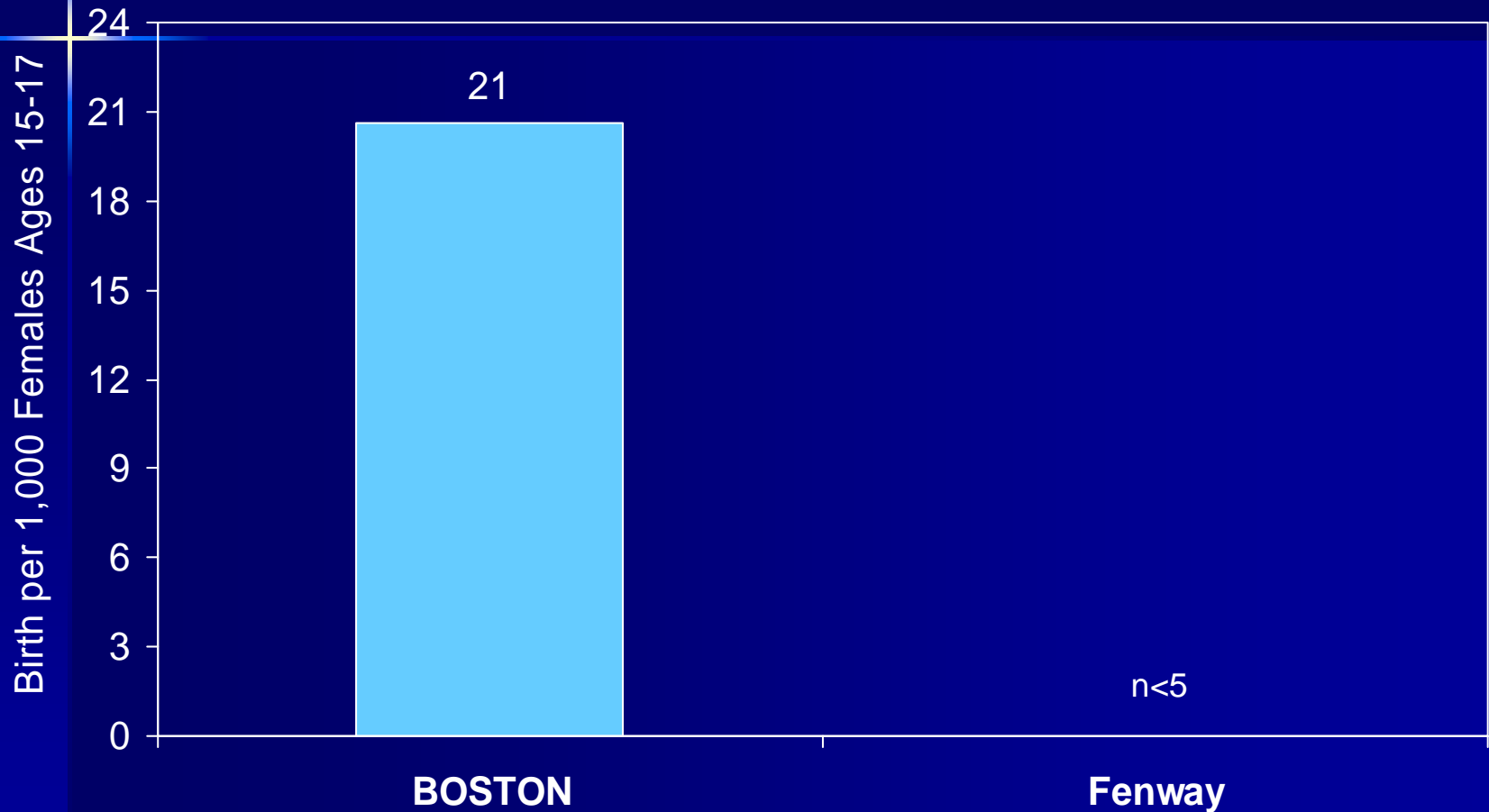
DATA SOURCE: Boston resident live births, Massachusetts Department of Public Health
DATA ANALYSIS: Boston Public Health Commission Research Office

Infant Mortality: Boston and Fenway 2001-2005



DATA SOURCE: Boston resident deaths and live births, Massachusetts Department of Public Health
DATA ANALYSIS: Boston Public Health Commission Research Office

Birth Rates Among Adolescents Ages 15-17 in Fenway, 2005



DATA SOURCE: Boston resident live births, Massachusetts Department of Public Health
DATA ANALYSIS: Boston Public Health Commission Research Office

Leading Reasons for Hospitalization Ages 1-24, Fenway, 2006

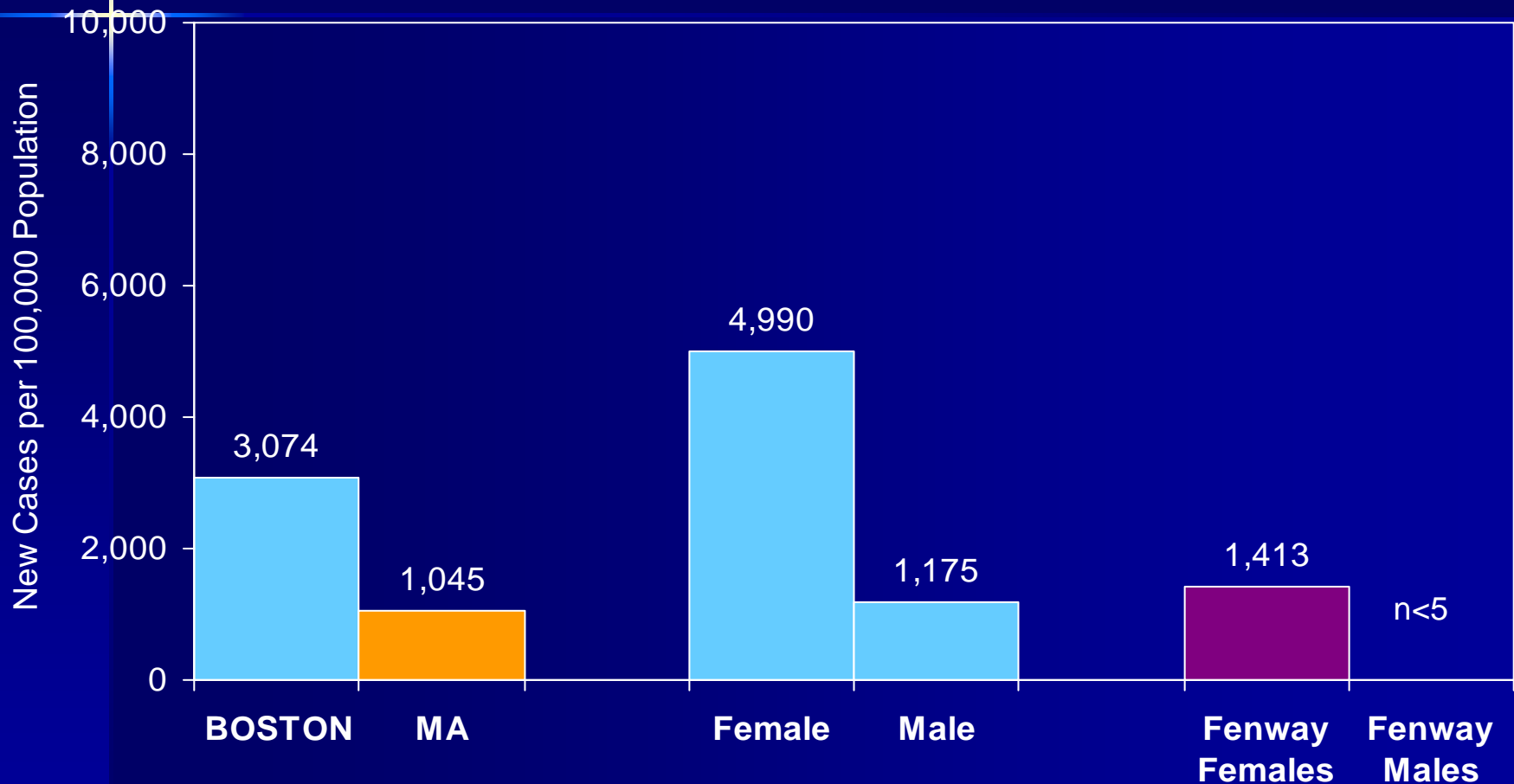
Ages 1-9	Ages 10-17	Ages 18-24
1. Bronchitis/Asthma	n<5	Pregnancy
2. n<5	n<5	Psychoses
3. n<5	n<5	Injury
4. n<5	n<5	Gastroenteritis
5. n<5	n<5	Cellulitis

NOTE: Fenway had too few leading reasons to present for ages 1-9 beyond first reason and too few leading reasons to present for ages 10-17.
 DATA SOURCE: Acute Care Hospital Case Mix Files, Massachusetts Division of Health Care Finance and Policy
 DATA ANALYSIS: Boston Public Health Commission Research Office



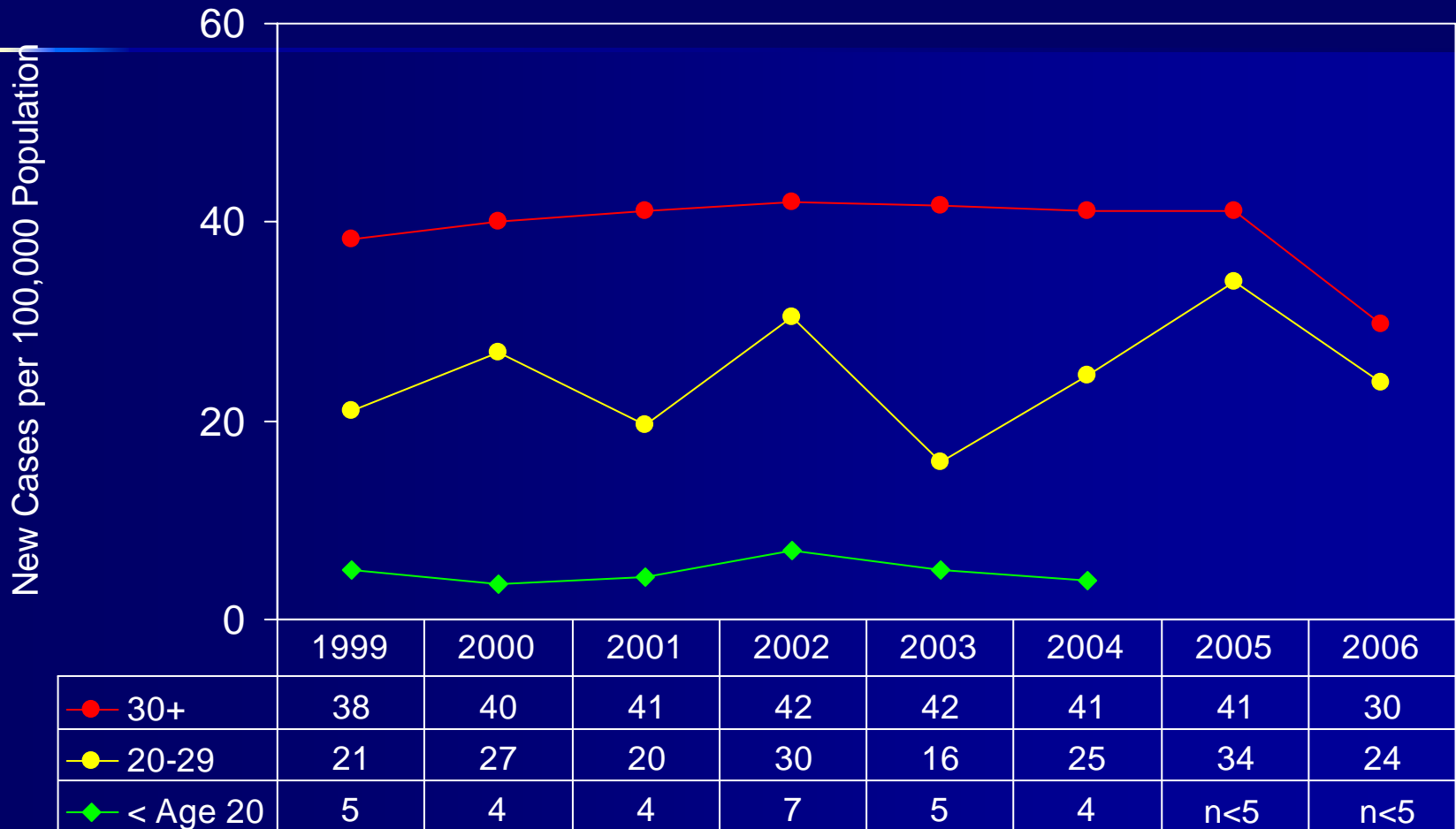
INFECTIOUS DISEASE

Chlamydia Incidence Rates, Ages 15-18 by Sex, Boston and Fenway, 2006



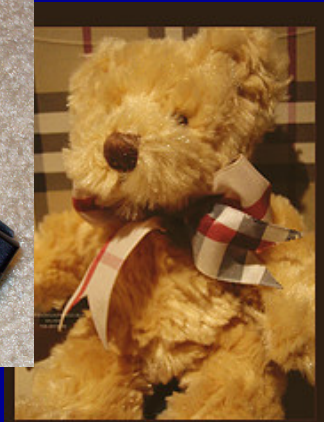
DATA SOURCE: Massachusetts Department of Public Health, STD Division
DATA ANALYSIS: Boston Public Health Commission Research Office

HIV Incidence Rates by Age and Year Boston, 1999-2006

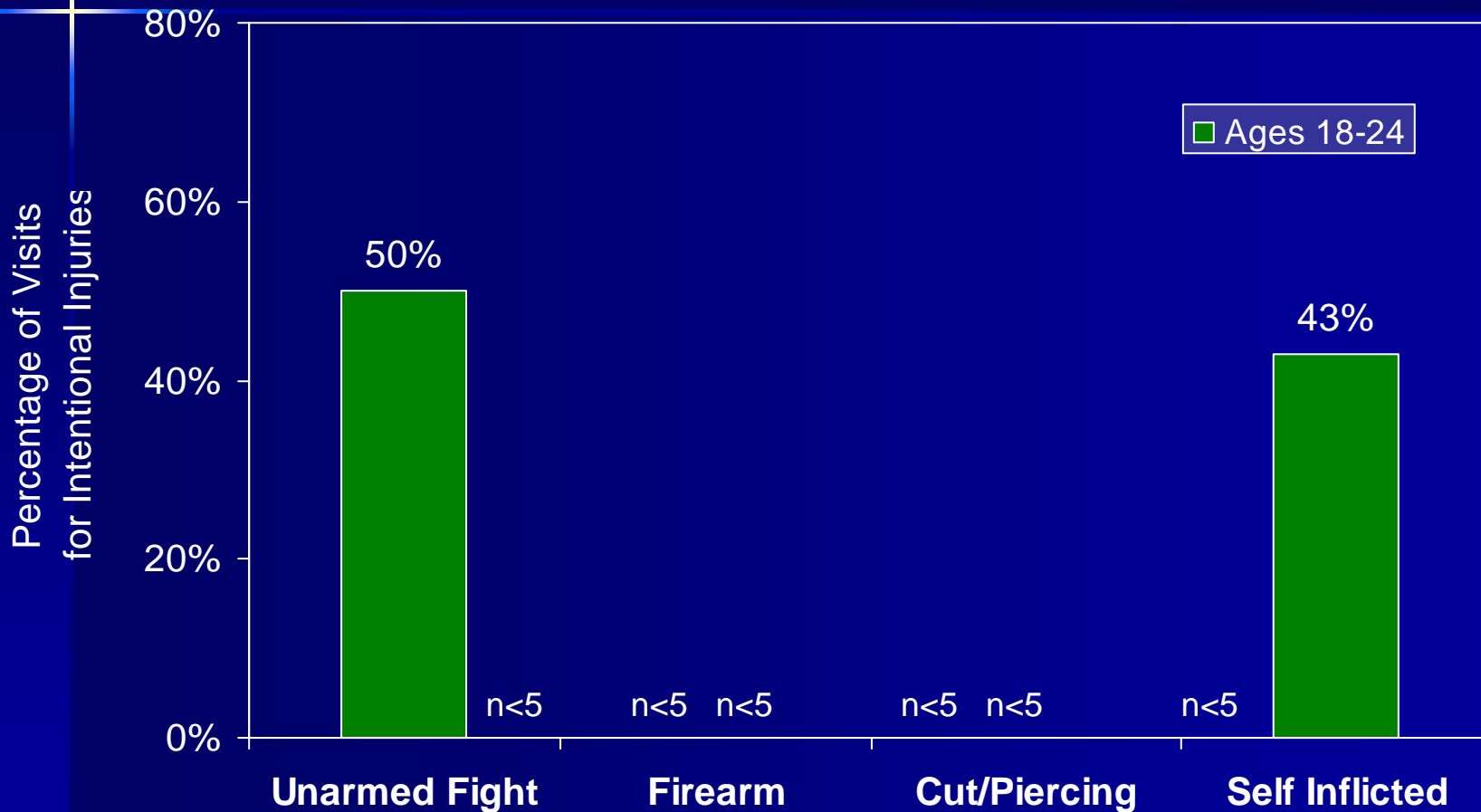


DATA SOURCE; Massachusetts Department of Public Health HIV/AIDS Surveillance Program
 DATA ANALYSIS: Boston Public Health Commission Research Office

VIOLENCE and TRAUMA

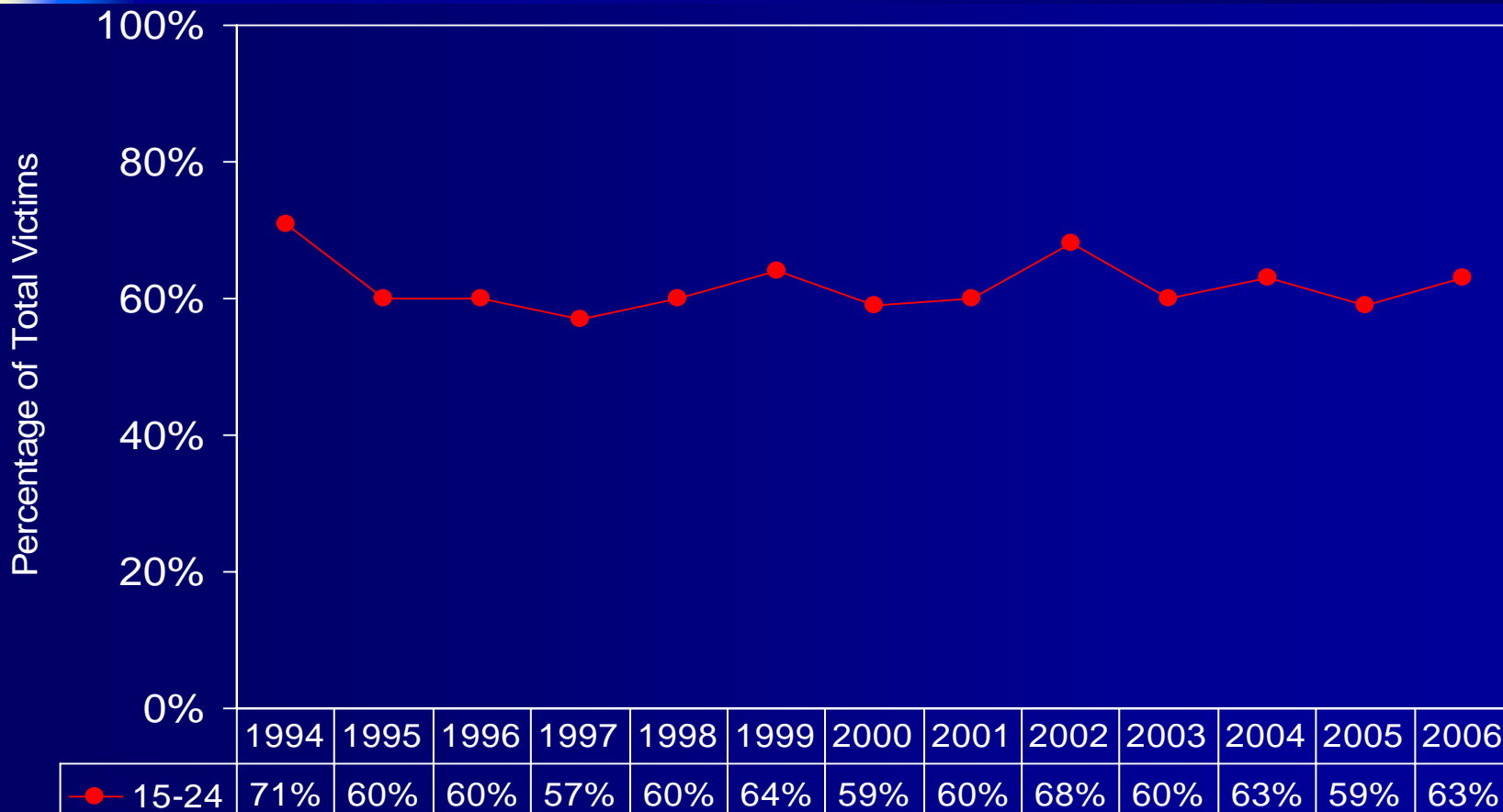


ED Intentional Injury Visits by Age and Type, Fenway, 2005



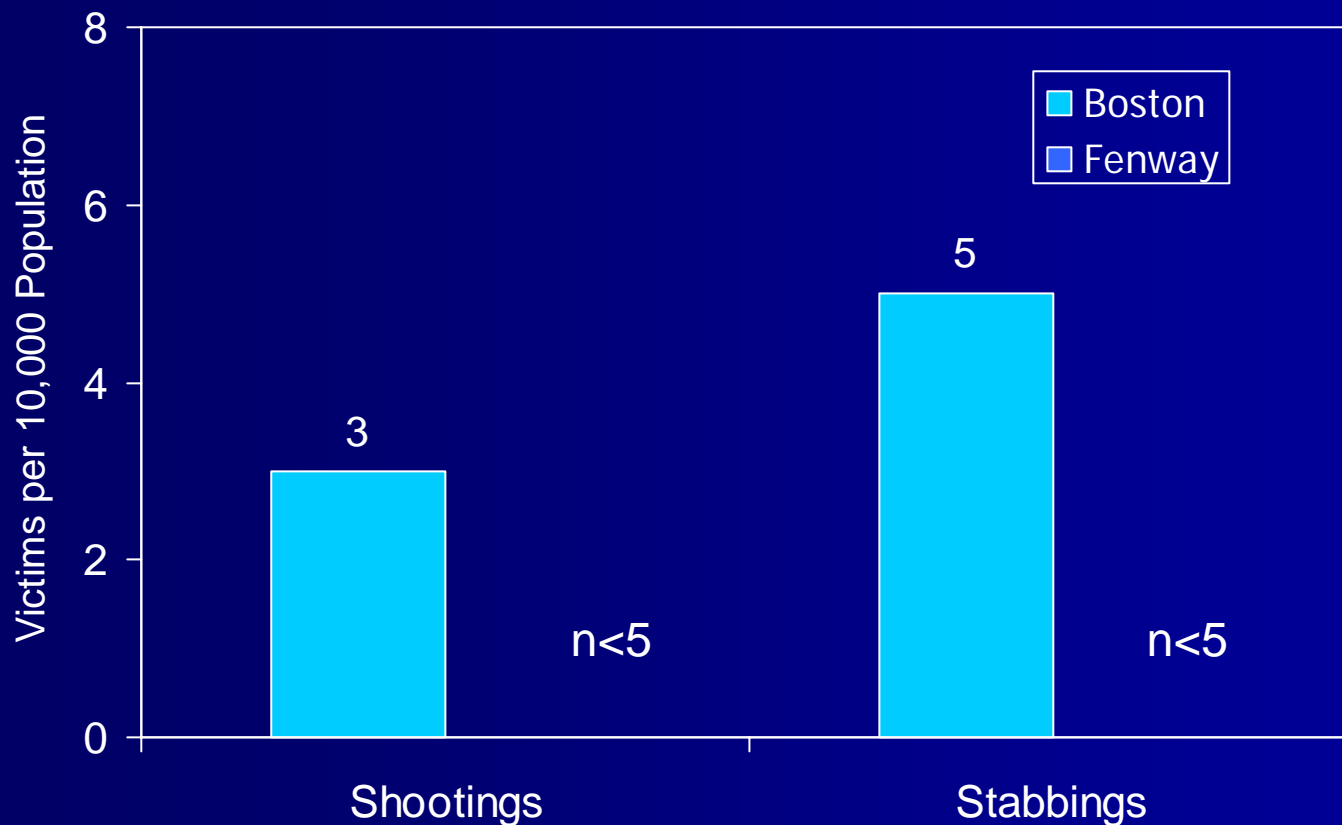
DATA SOURCE: Hospital Emergency Department Visit Data Base, Massachusetts Division of Health Care Finance and Policy
DATA ANALYSIS: Boston Public Health Commission Research Office

Nonfatal Assault-Related Gunshot Wound Victims by Age Group and Year Boston Residents, 1994-2006



DATA SOURCE: Weapon-Related Injury Surveillance System (WRISS) Massachusetts Department of Public Health
 DATA ANALYSIS: Boston Public Health Commission Research Office

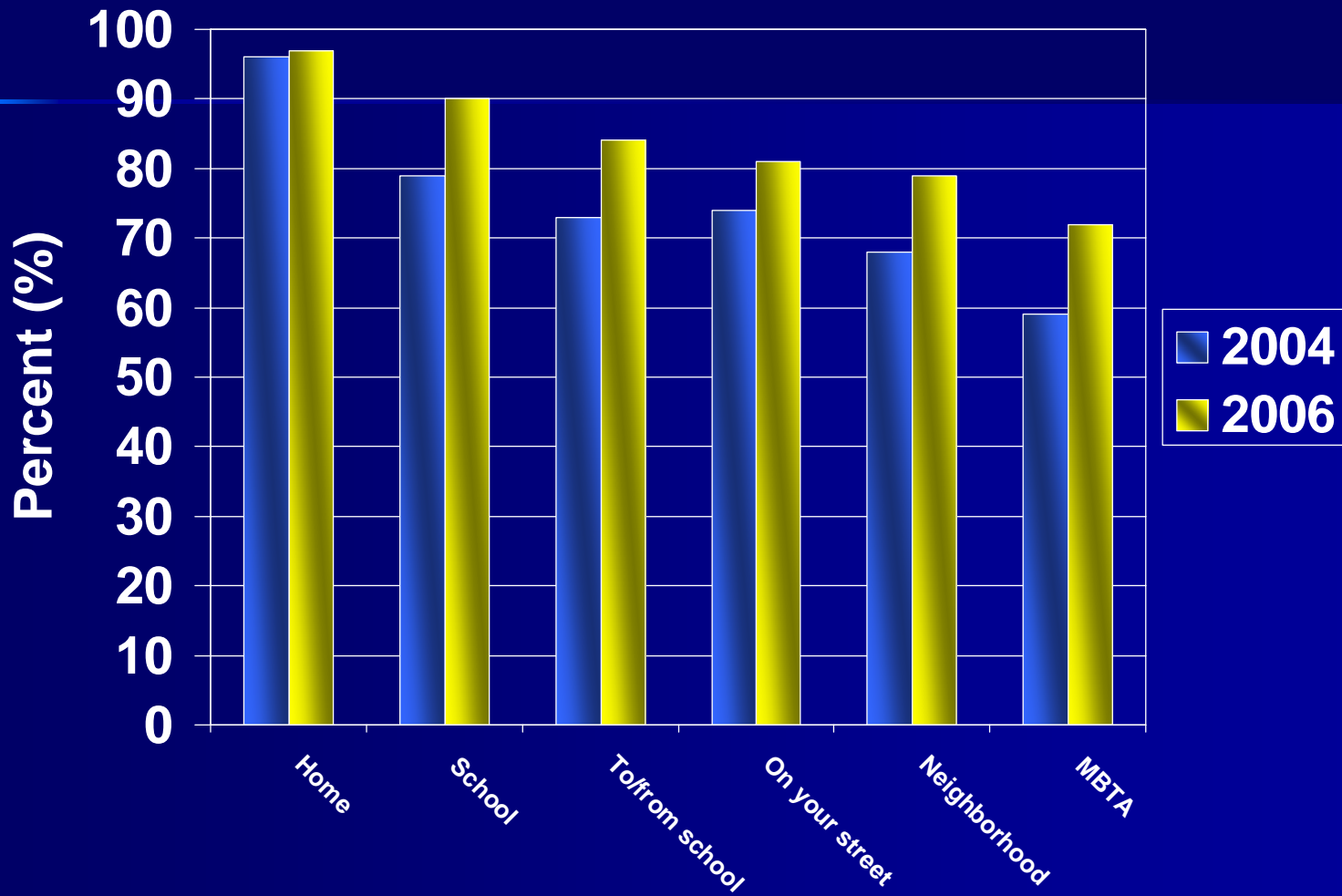
Victims of Assault-Related Nonfatal Shootings and Stabbings, Boston and Fenway, 2006



DATA SOURCE: Weapon-Related Injury Surveillance System (WRISS) Massachusetts Department of Public Health.

DATA ANALYSIS: Boston Public Health Commission Research Office

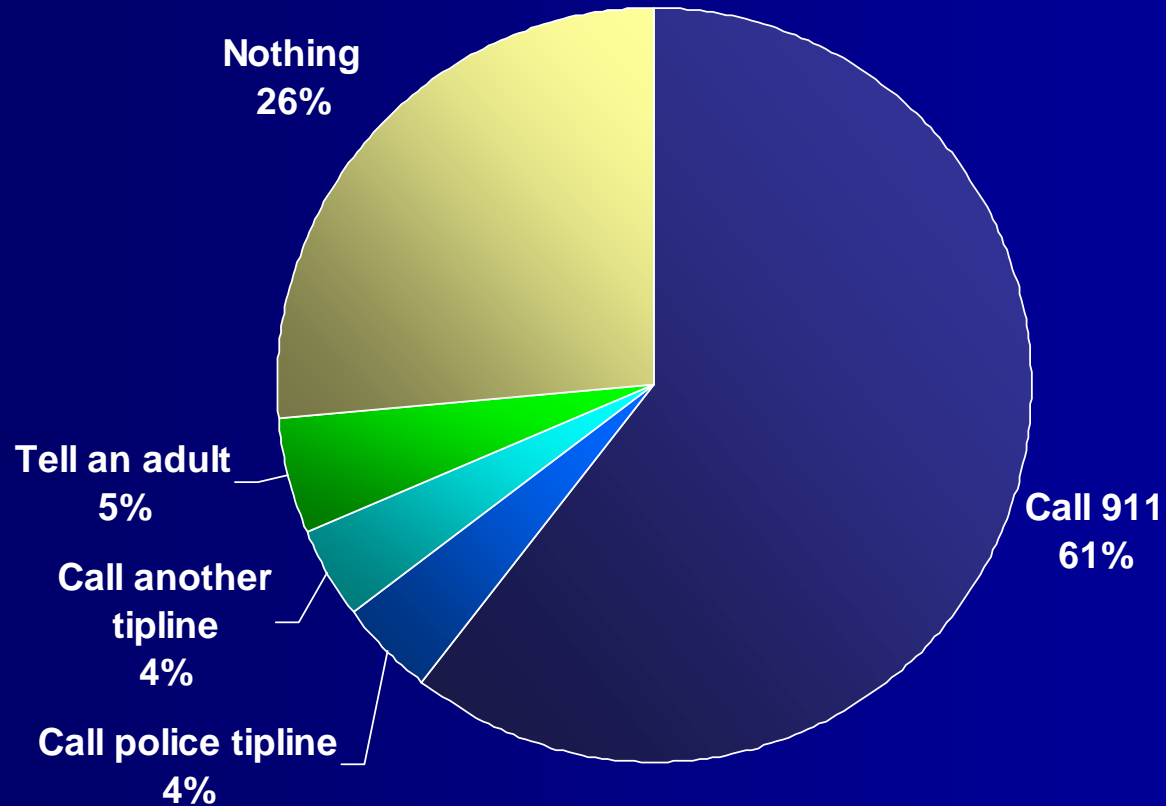
Feelings of Safety



DATA SOURCE: Boston Youth Survey, 2004, 2006; Harvard Youth Violence Prevention Center through a cooperative agreement with the Centers for Disease Control and Prevention
DATA ANALYSIS and GRAPHIC: Harvard Youth Violence Prevention Center

Snitching:

“If you were witness to a crime, what would you do?”



DATA SOURCE: Boston Youth Survey, 2006; Harvard Youth Violence Prevention Center through a cooperative agreement with the Centers for Disease Control and Prevention
DATA ANALYSIS and GRAPHIC: Harvard Youth Violence Prevention Center

Reasons for not telling

- Don't want to be a "snitch"

because you'd want to be labeled as a snitch

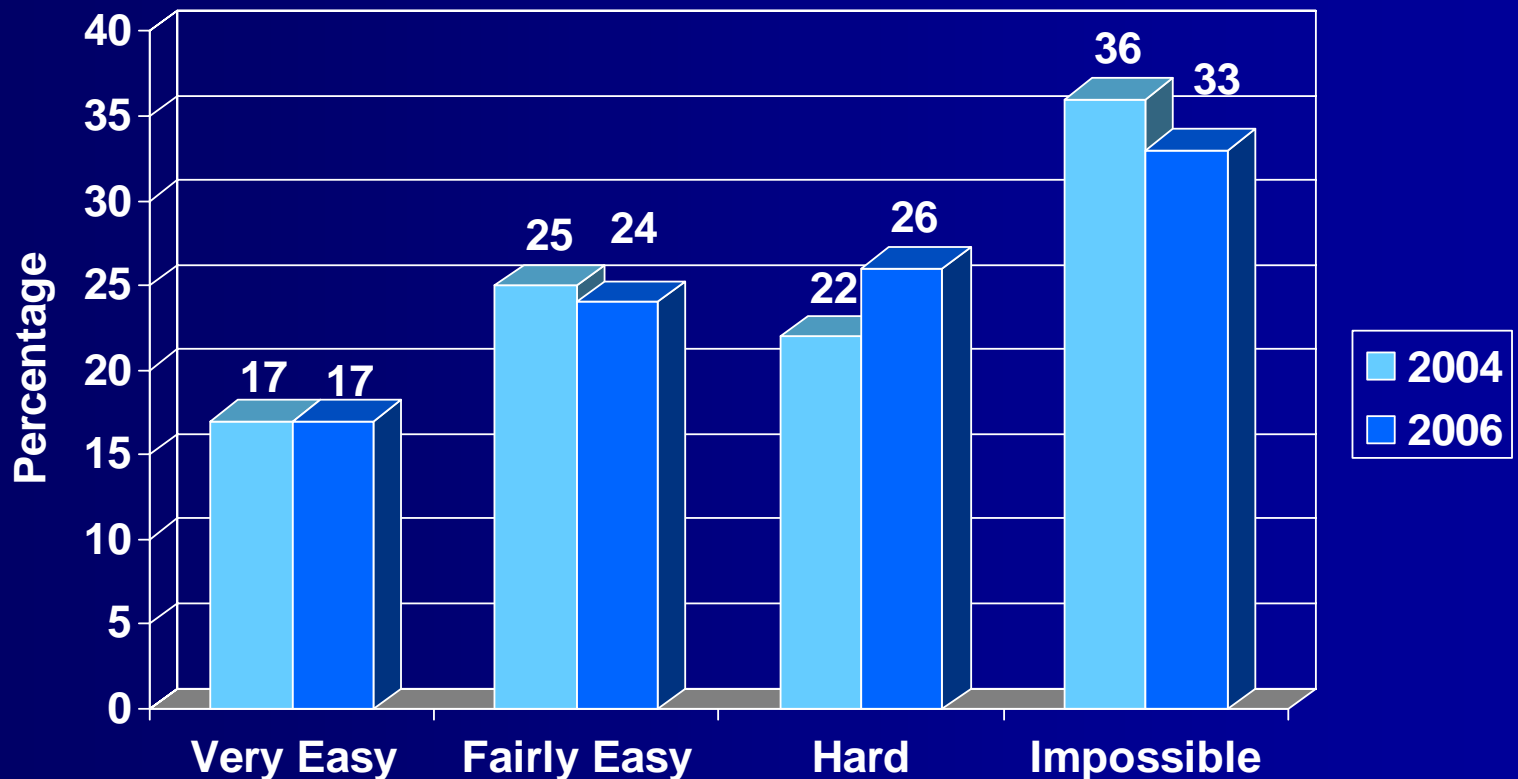
- Fear of getting hurt

BECAUSE I KNOW THE CONSEQUENCES OF SNITCHING (DEATH).

- Belief that it is not his/her concern

NONE OF MY BUSINESS

“How easy is it or would it be for you to get a gun?”



DATA SOURCE: Boston Youth Survey, 2004, 2006; Harvard Youth Violence Prevention Center through a cooperative agreement with the Centers for Disease Control and Prevention
DATA ANALYSIS and GRAPHIC: Harvard Youth Violence Prevention Center

Reasons for Gun Carrying*

	2004	2006
Felt unsafe in neighborhood	38%	37%
Someone had threatened me	29%	32%
Friends carried guns	14%	12%
Carried it for someone else	14%	32%
Felt unsafe at school	13%	17%
Self protection	10%	---
Felt like it/gave me power	10%	17%
Other	8%	37%

*Of those who provided a reason

Weapons

	2004	2006
Attacked with weapon (not gun, past year)	13%	9%
Shot/shot at (past year)	11%	4%
Carried gun (past year)	8%	6%

DATA SOURCE: Boston Youth Survey, 2004, 2006; Harvard Youth Violence Prevention Center through a cooperative agreement with the Centers for Disease Control and Prevention
DATA ANALYSIS and GRAPHIC: Harvard Youth Violence Prevention Center



RISKY BEHAVIOR



Risky Behaviors, High School Students, Boston, Massachusetts, and U.S., 2005

	BOSTON	MA	U.S.
Smoked – past 30 Days	15%	21%	23%
Alcohol – past 30 Days	36%	48%	43%
Binged – past 30 Days	15%	27%	26%
Marijuana – Lifetime	39%	45%	38%
Marijuana- Past 30 Days	21%	26%	20%
Sex Before Age 13	11%	5%	6%
No Condom Use* – past 3 mo.	26%	35%	37%

*of those having had sexual intercourse in past 3 mos.

DATA SOURCE: Youth Risk Behavior Survey 2005, Centers for Disease Control (CDC)

DATA ANALYSIS: Boston Public Health Commission Research Office

Risky Behaviors: Gun Carriers vs. Non-Gun Carriers, High School Students Boston, 2005

	Of Gun Carriers	Of Non-Gun Carriers
% Smoked Cigarettes – Past 30 Days	39.7	14.0
% Drank Alcohol – Past 30 Days	78.1	33.6
% Binged (5+ Drinks) – Past 30 Days	44.1	13.8
% Used Marijuana – Past 30 Days	76.0	18.6
% Poor Grades (Ds & Fs) - Past Year	35.4	15.1
% Lacking Adult Social Supports at School	38.8	18.9
% Gang Member – Past Year	51.0	10.1

DATA SOURCE: Youth Risk Behavior Survey 2005, Centers for Disease Control (CDC)
 DATA ANALYSIS: Boston Public Health Commission Research Office