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# Tacoma School District GAP Supplemental Charts

**September 10, 2009**

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2. Enrollment Demographics (District/State)
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16. Special Education Weighted Risk Ratios by Ethnicity and Funding Category
17. Special Education Student Suspension/Expulsions by Ethnicity

What is the gap?

## Background: Defining the “GAP”

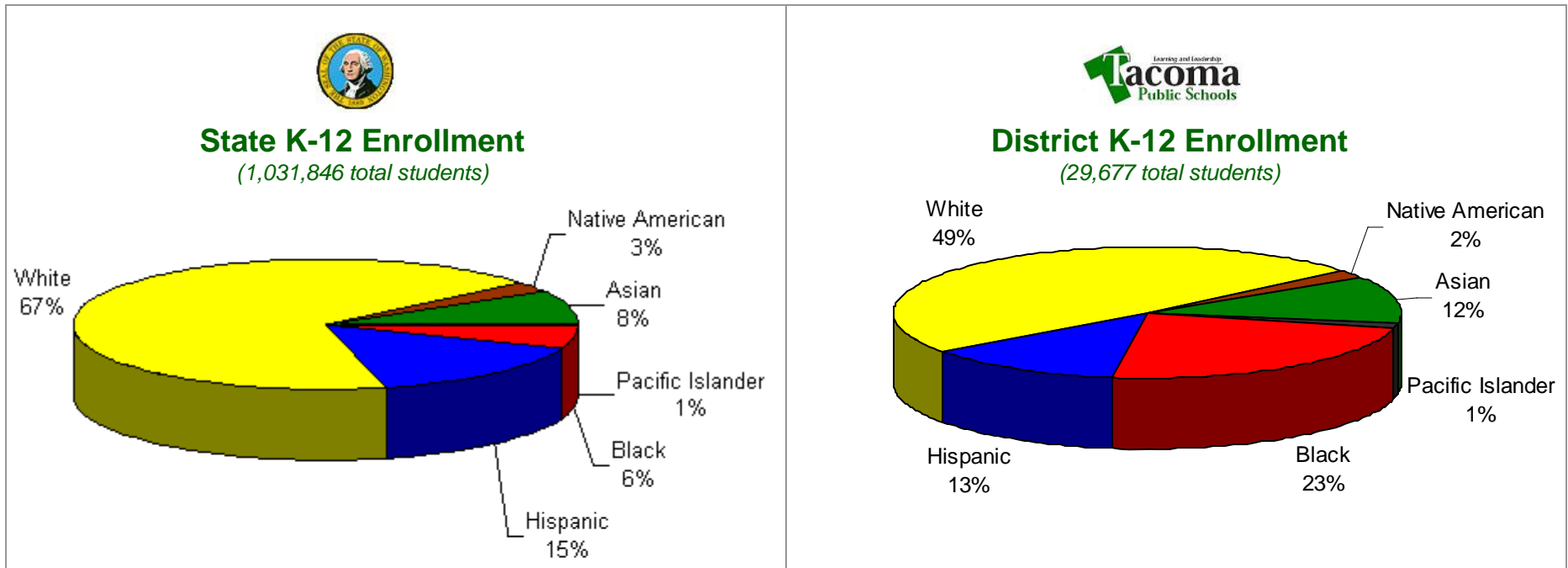


### Note:

The following charts and graphs will primarily report the gap in terms of race/ethnicity factors

How does Tacoma compare to State?

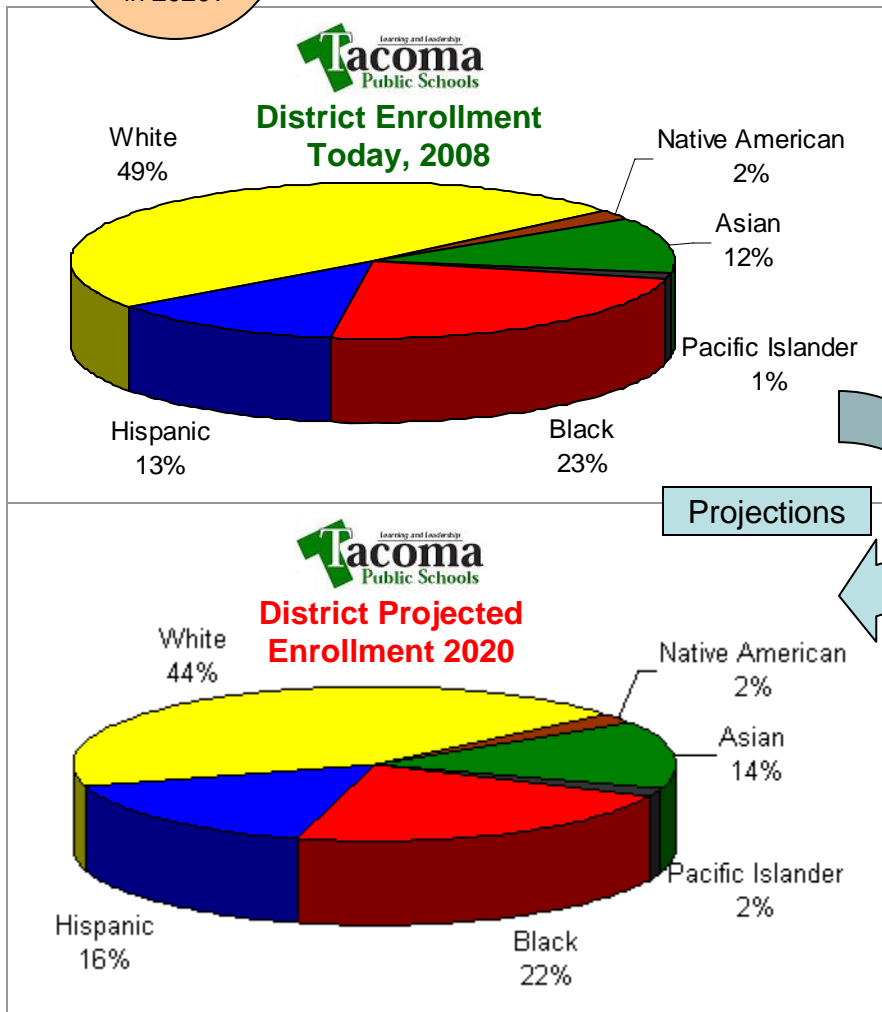
## Enrollment Demographics for Washington State and Tacoma School District



From OSPI Website (October 2007)

# A Shifting Populations

What will Tacoma look like in 2020?



**Changes in state population ages 5-24, 2006-20**

	Population 2006	Projected Population 2020	Projected Change 2006 to 2020
Native American	36,751	43,218	18%
Asian/Pac Islander	132,768	181,057	36%
Black	59,195	64,709	9%
Hispanic	169,809	239,726	41%
White	1,305,299	1,309,309	0%
Total	1,703,822	1,838,019	8%

This table shows the youth population of Washington in 2006 and U.S. Census Bureau projections of the population in 2020. The 2020 Tacoma estimates are based on the Washington projected change.

From OSPI Website (October 2007) and US Census Bureau

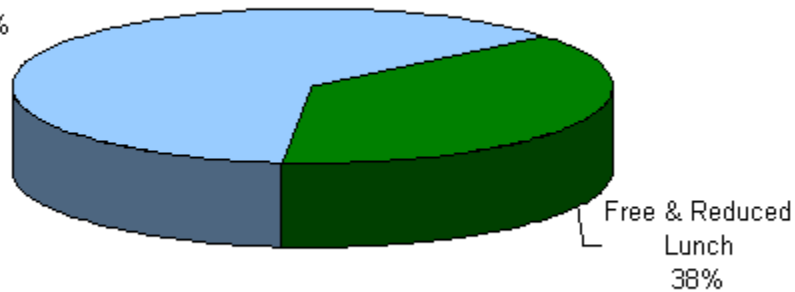
How does Tacoma compare to State?

## Percent Low-Income Students Washington State and Tacoma School District



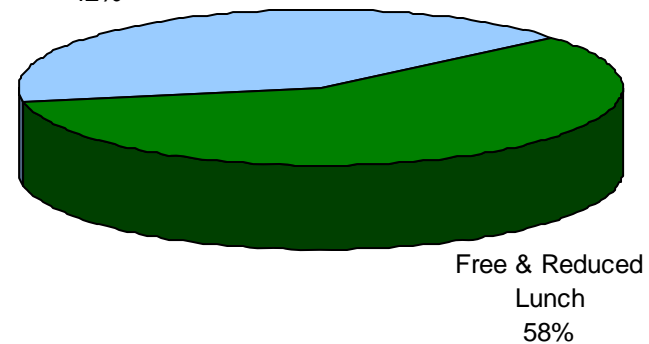
### State Percent Eligible for FRL

Non-Free &  
Reduced Lunch  
62%



### District Percent Eligible for FRL

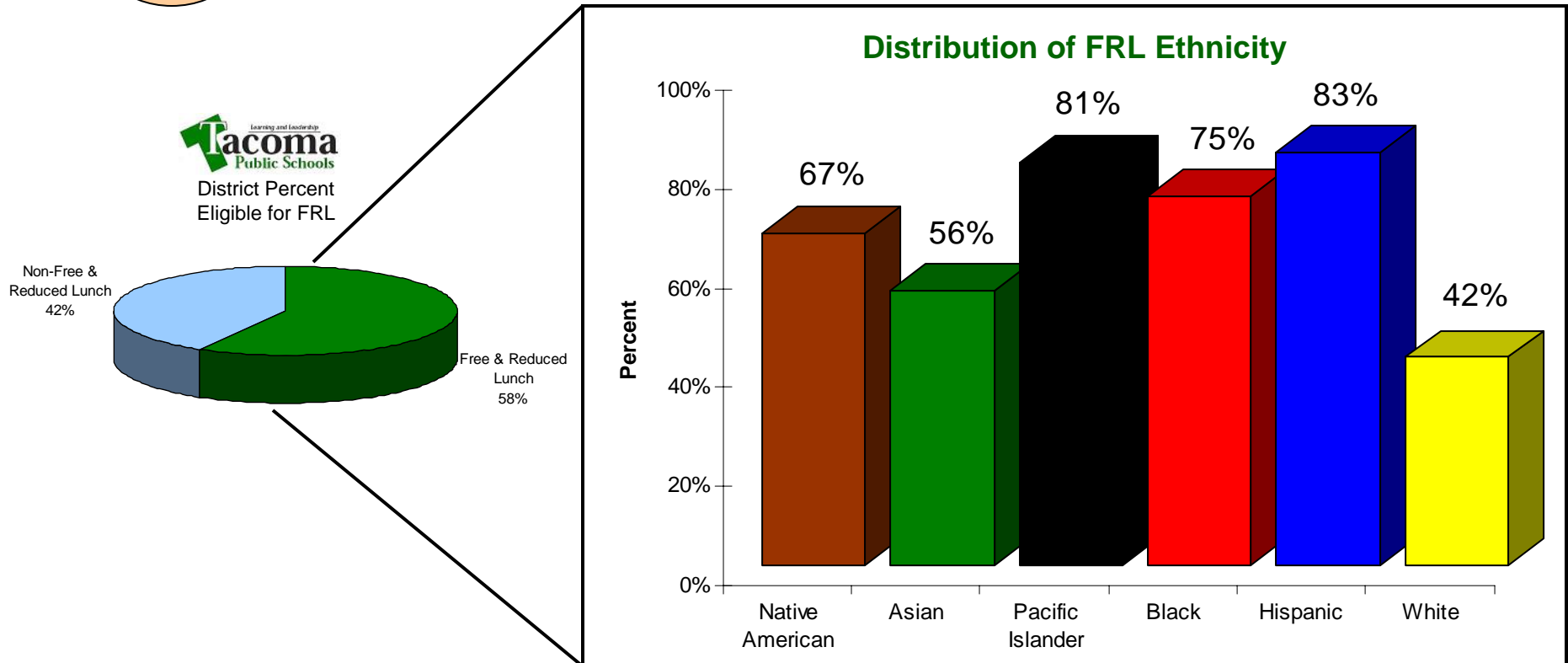
Non-Free &  
Reduced Lunch  
42%



From OSPI Website (May 2008)

Who are low-income students?

## Low-Income Students by Ethnicity Tacoma School District



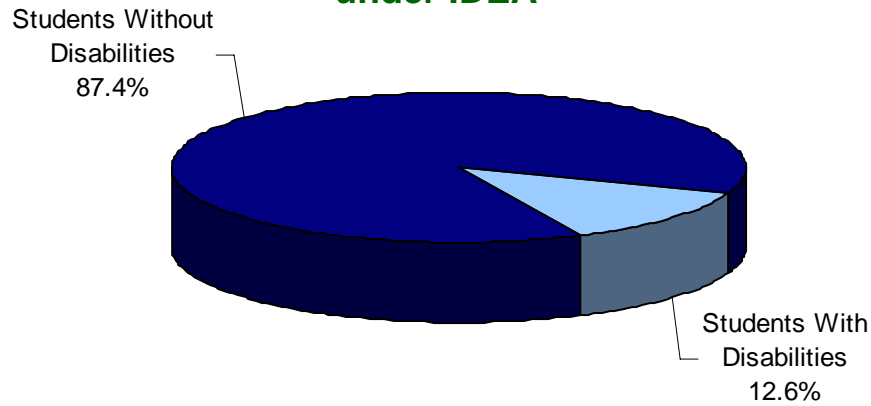
From CSRS (March 2009)

How does Tacoma compare to State?

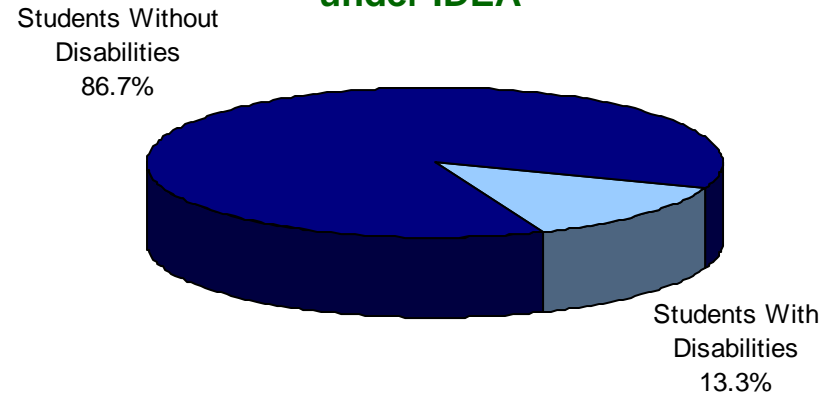
# Percent Special Education Students Washington State and Tacoma School District



## State Percent Classified under IDEA



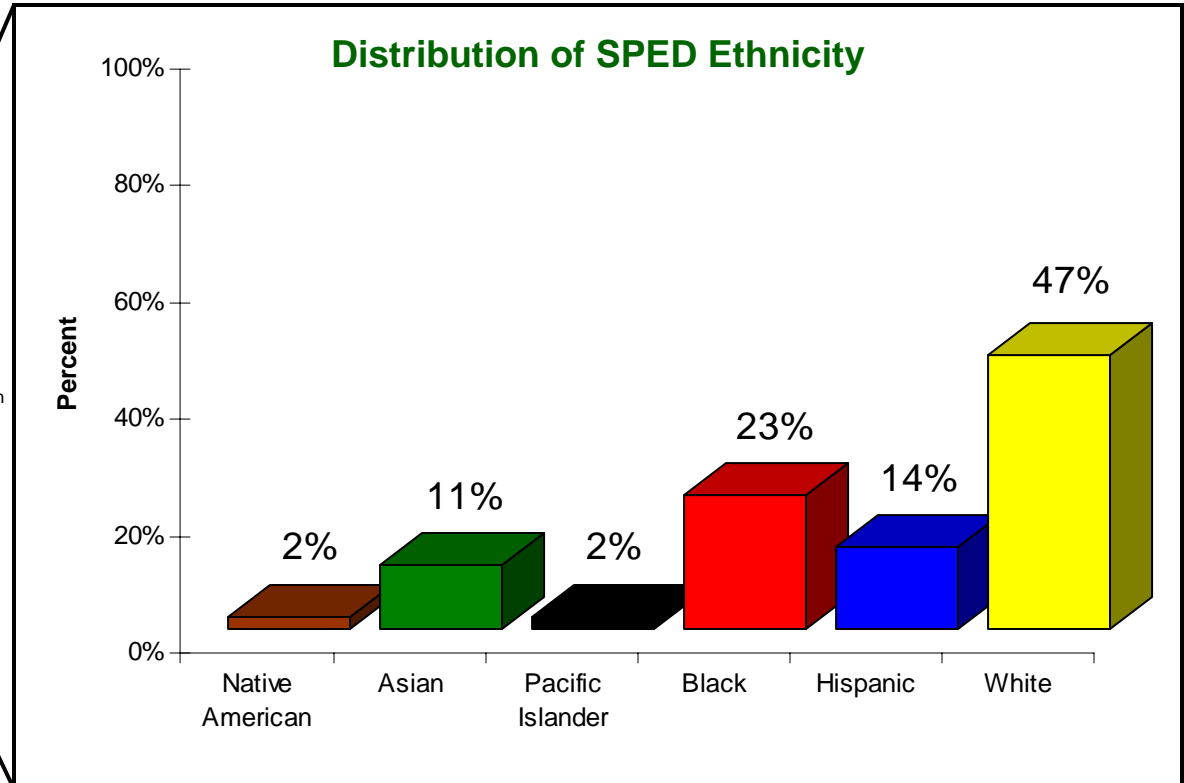
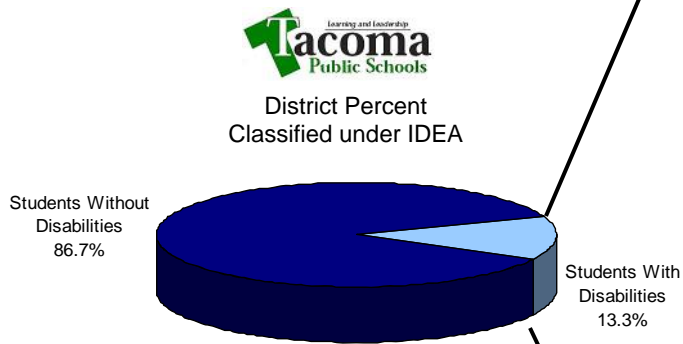
## District Percent Classified under IDEA



From OSPI Website (May 2008)

Who are special education students?

## Special Education Students by Ethnicity Tacoma School District



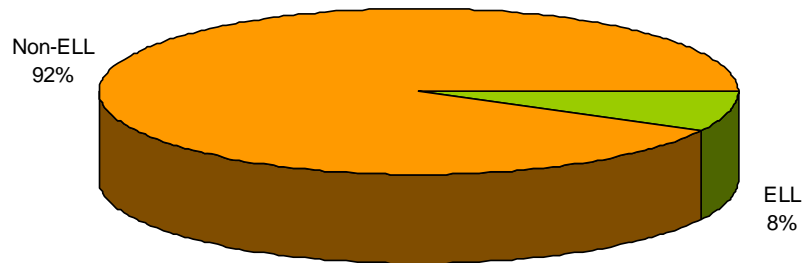
From CSRS (March 2009)

# Percent English-Language Learners Washington State and Tacoma School District

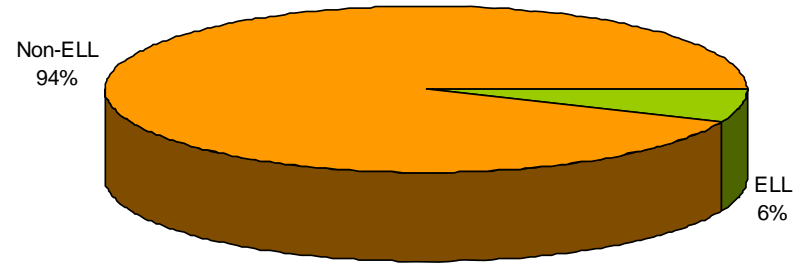
How does  
Tacoma  
compare  
to State?



### State Percent ELL



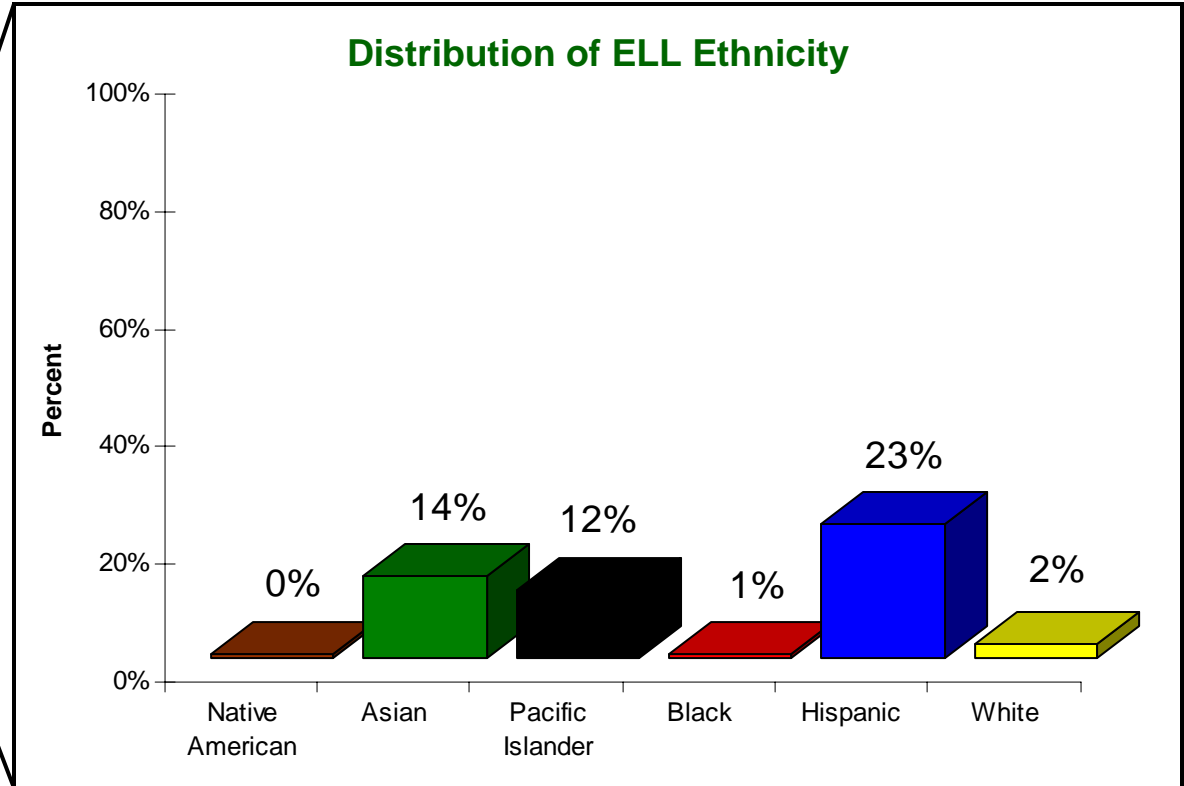
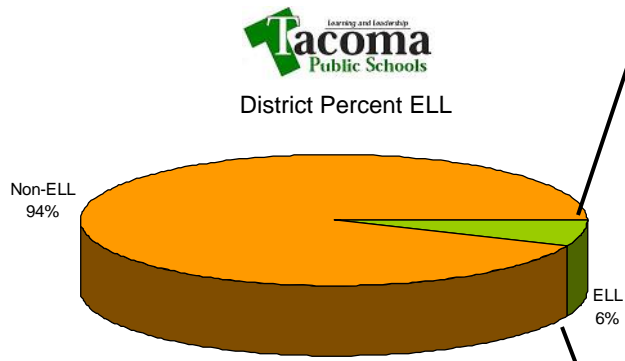
### District Percent ELL



From OSPI Website (May 2008)

Who are  
ELL  
students?

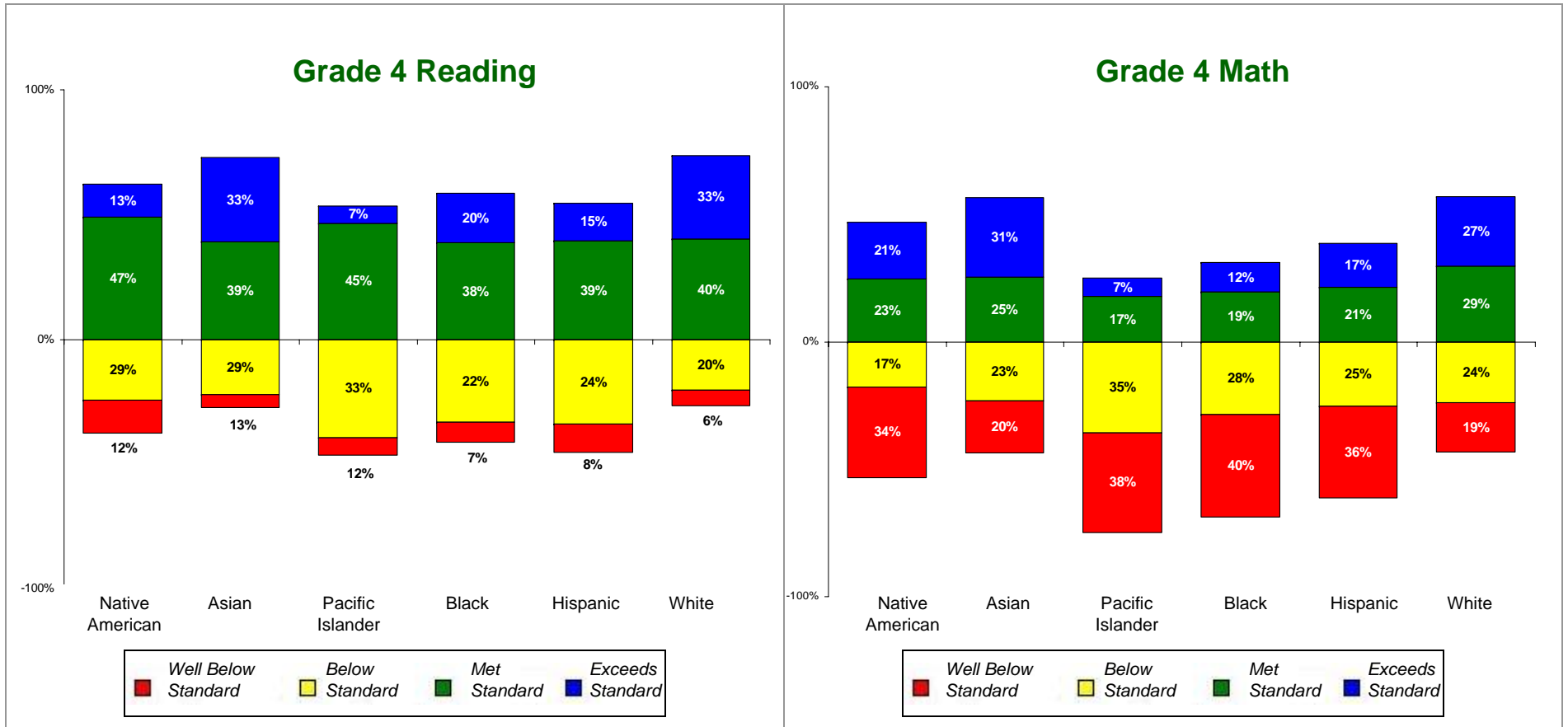
## English Language Learners by Ethnicity Tacoma School District



From CSRS (March 2009)

Do results vary by group?

# Tacoma School District 2008 WASL- Grade 4 Reading and Math by Ethnicity

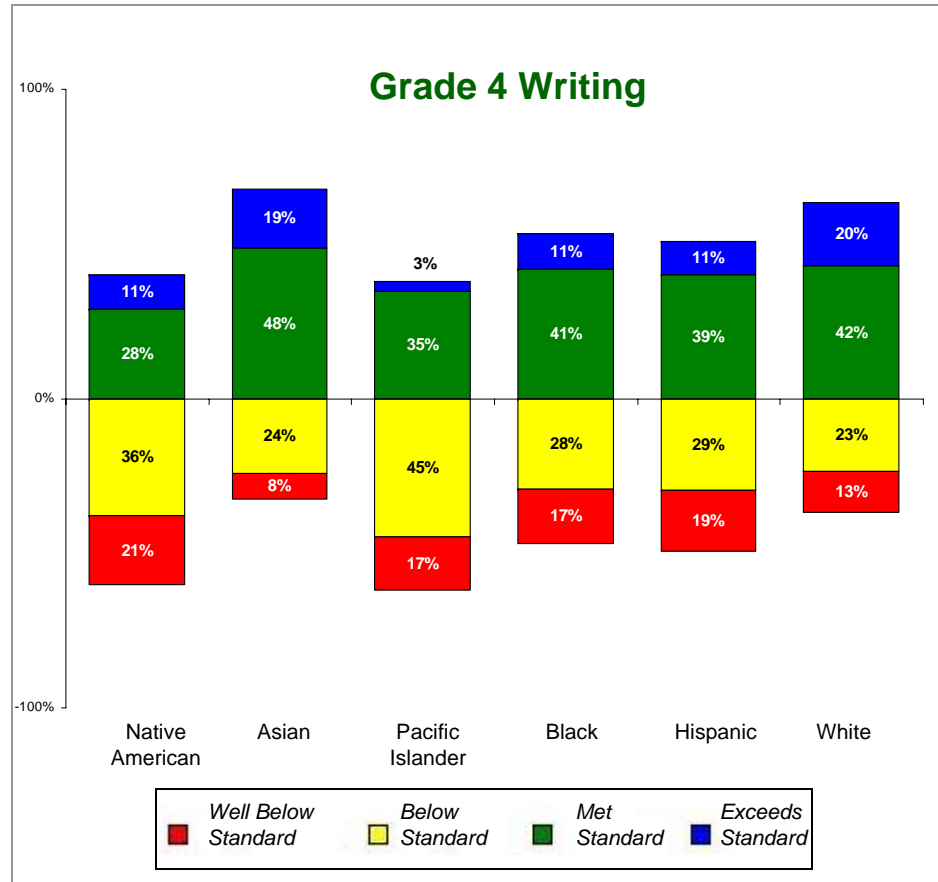


\* charts exclude "no score" so the 4 groups may not add to 100%

From OSPI (2007-08)

Do results vary by group?

## Tacoma School District 2008 WASL- Grade 4 Writing by Ethnicity

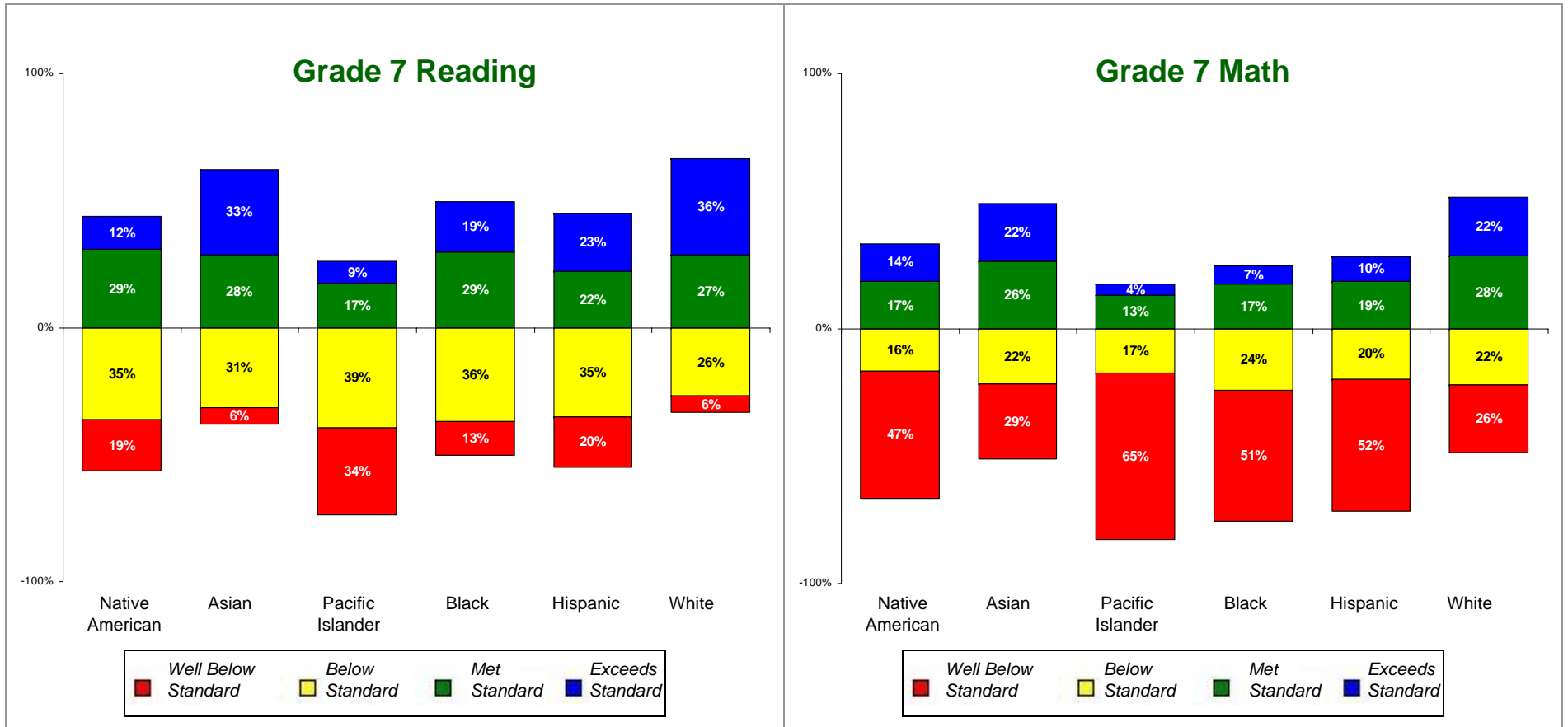


\* charts exclude "no score" so the 4 groups may not add to 100%

From OSPI (2007-08)

Do results vary by group?

# Tacoma School District 2008 WASL- Grade 7 Reading and Math by Ethnicity

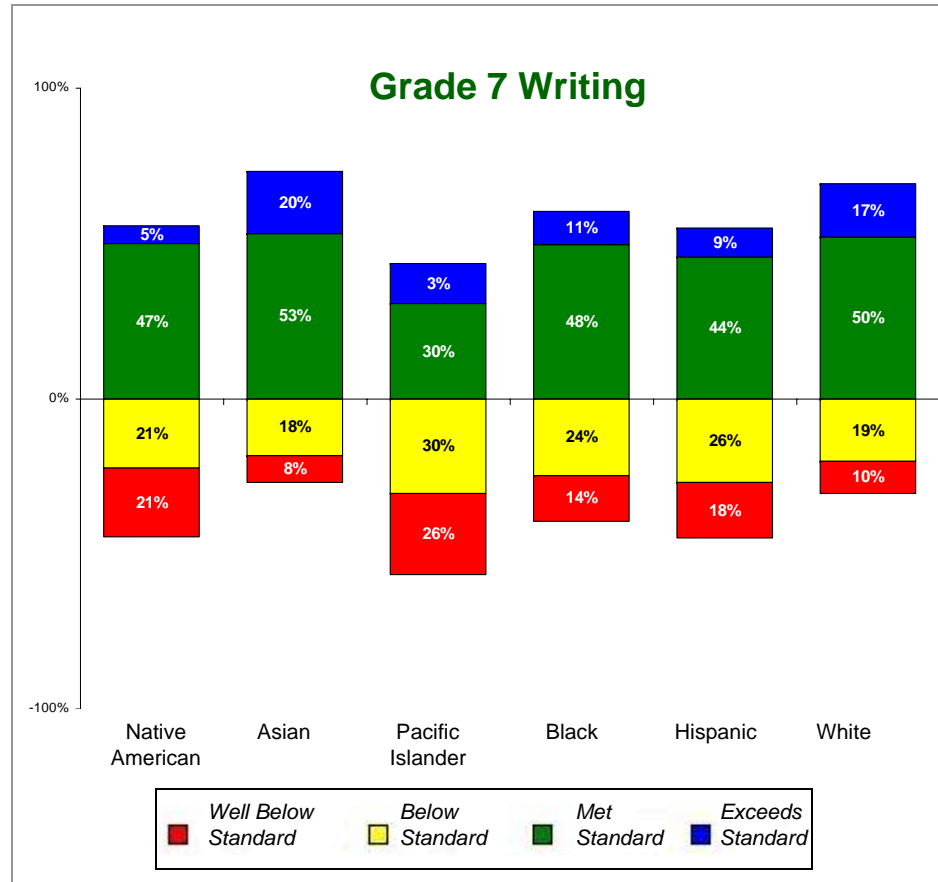


\* charts exclude "no score" so the 4 groups may not add to 100%

From OSPI (2007-08)

Do results vary by group?

## Tacoma School District 2008 WASL- Grade 7 Writing by Ethnicity

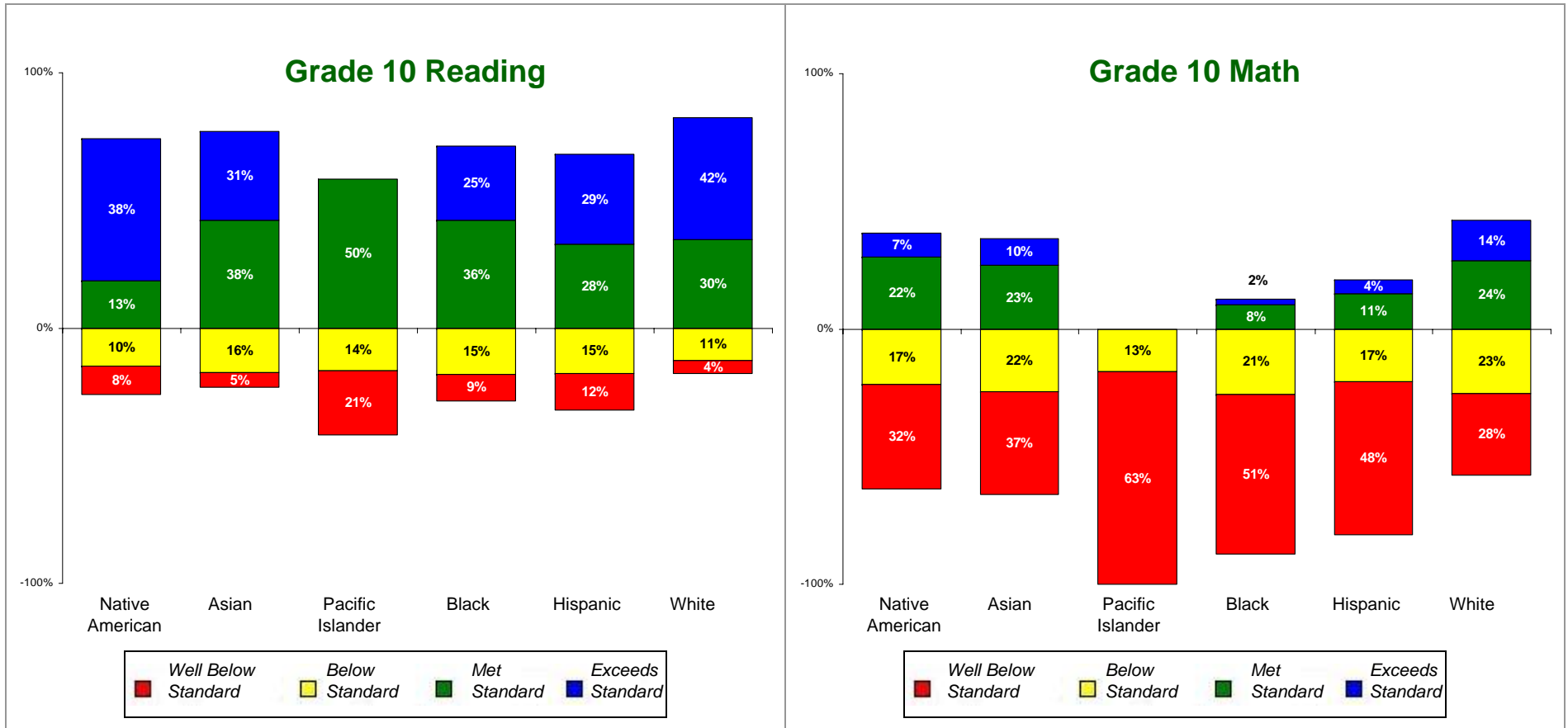


\* charts exclude "no score" so the 4 groups may not add to 100%

From OSPI (2007-08)

Do results vary by group?

# Tacoma School District 2008 WASL- Grade 10 Reading and Math by Ethnicity

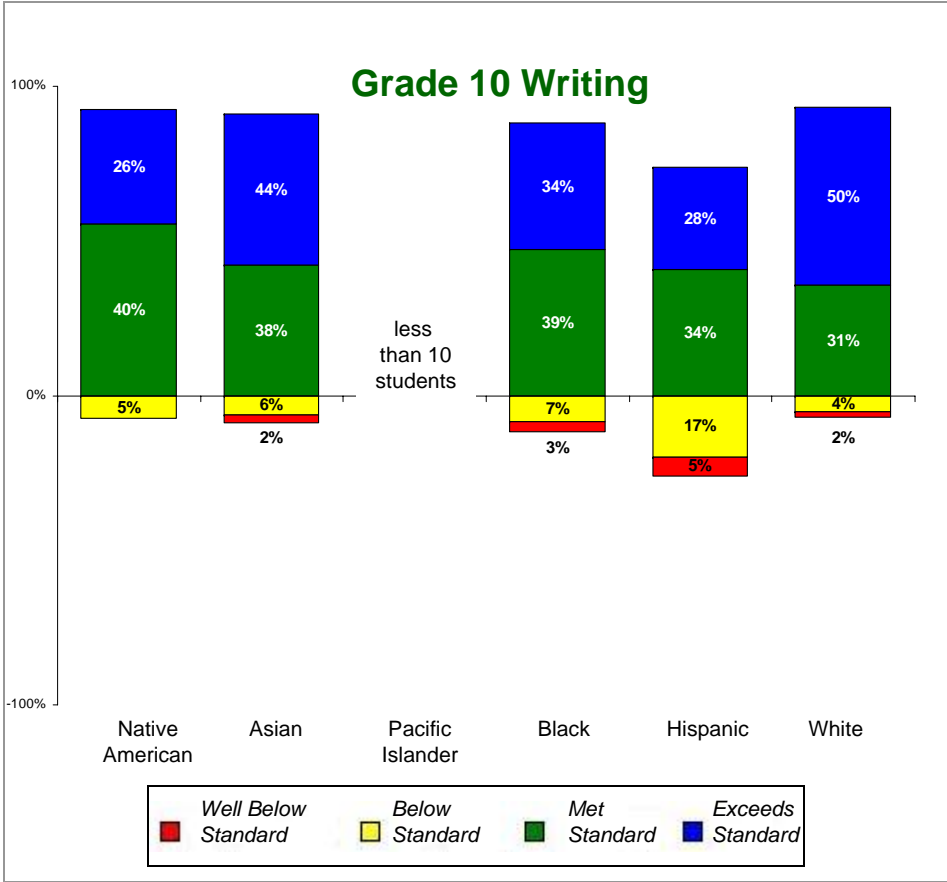


\* charts exclude "no score" so the 4 groups may not add to 100%

From OSPI (2007-08)

Do results vary by group?

# Tacoma School District 2008 WASL- Grade 10 Writing by Ethnicity



\* charts exclude "no score" so the 4 groups may not add to 100%

From OSPI (2007-08)

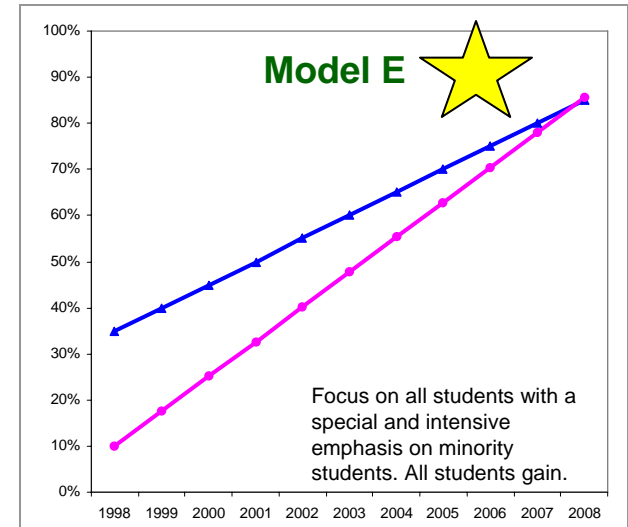
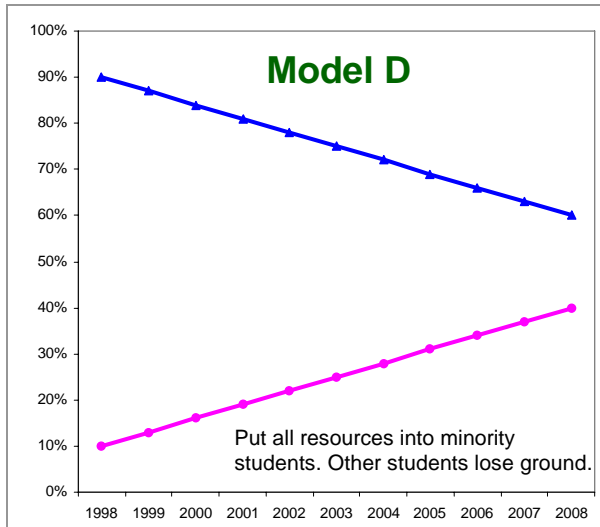
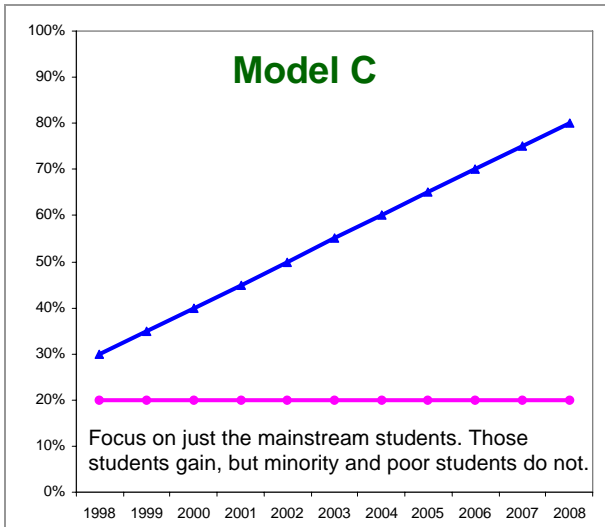
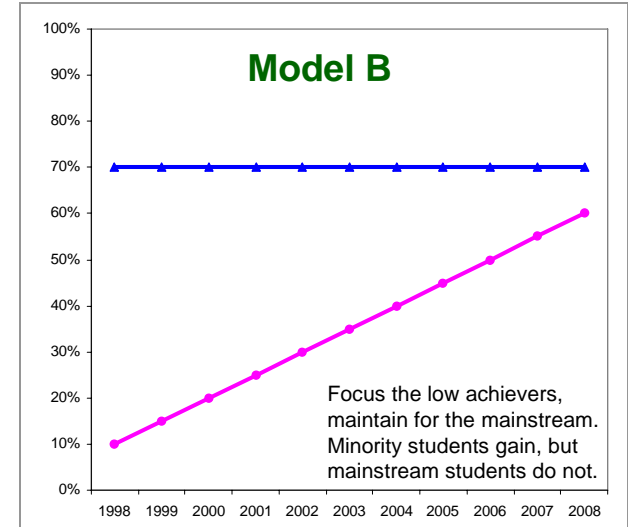
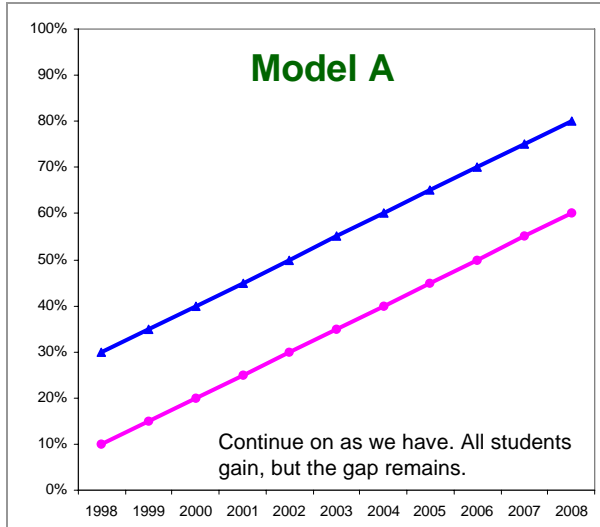
What gap models?

# Achievement Gap Models

## Achievement Gaps Models Explained

The five model charts show the different gap models based on achievement trends for mainstream students and minority and/or poor students

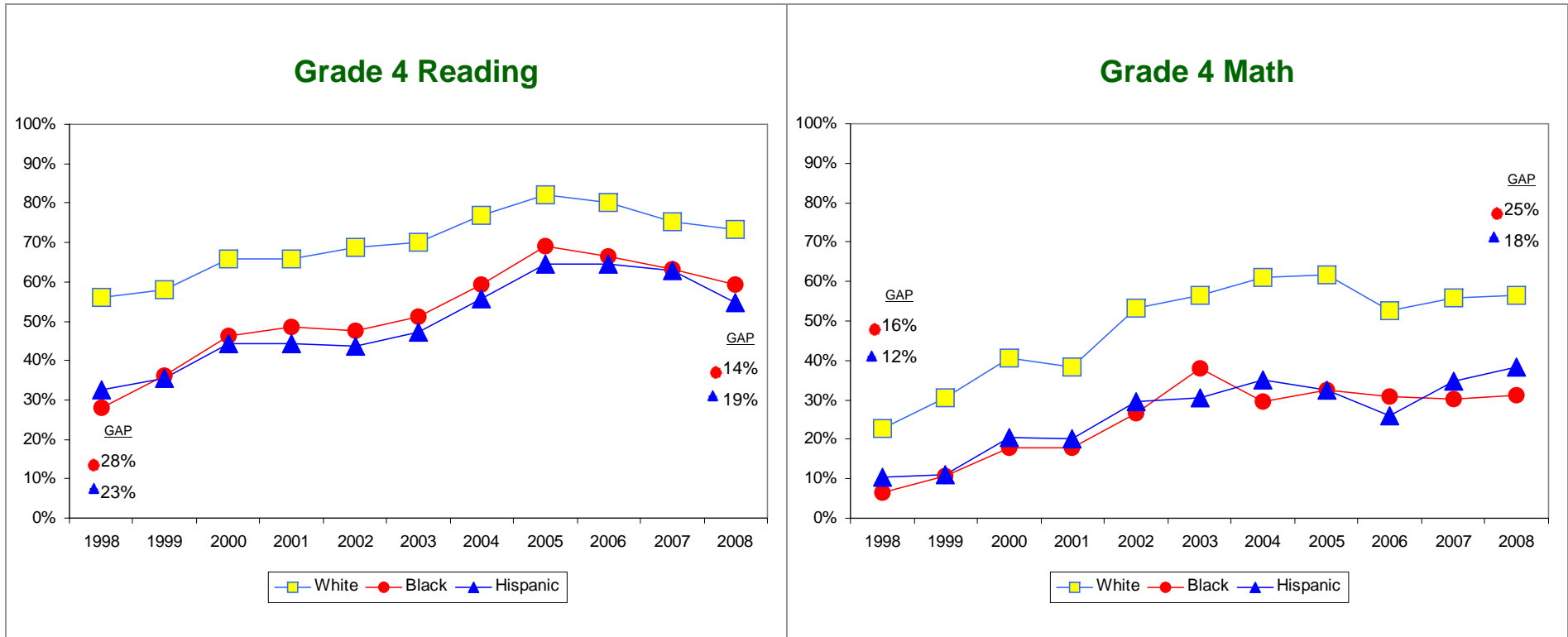
▲ Mainstream Students 
 ◆ Minority & Poor Students



From Dr. Michael Power Board Report- Dec. 2007

Is the gap closing?

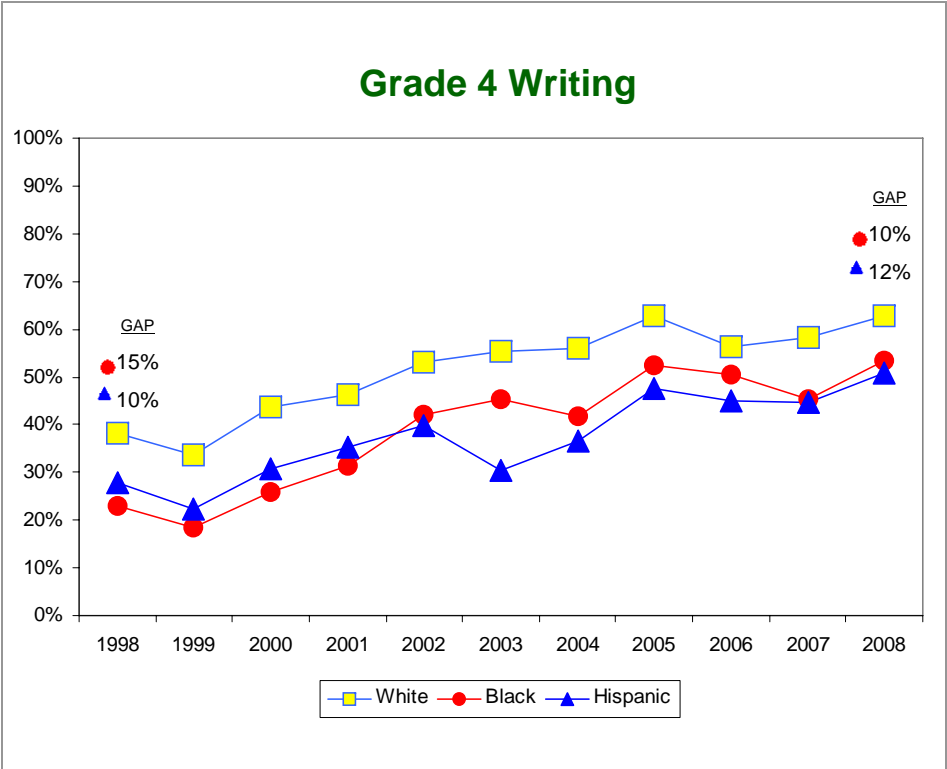
# Tacoma School District 2008 WASL- Grade 4 Reading and Math by Gap Trends



From OSPI Website

Is the gap closing?

# Tacoma School District 2008 WASL- Grade 4 Writing by Gap Trends

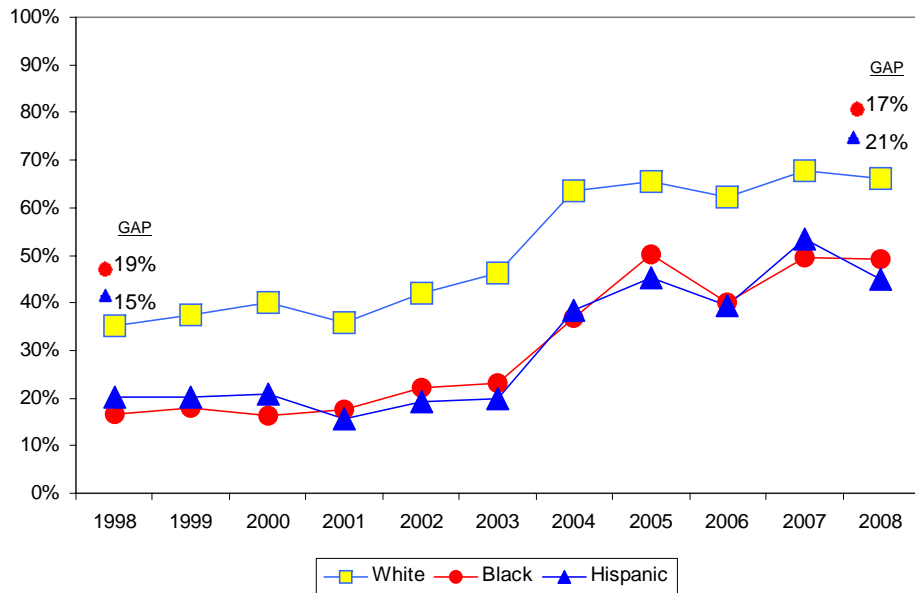


From OSPI Website

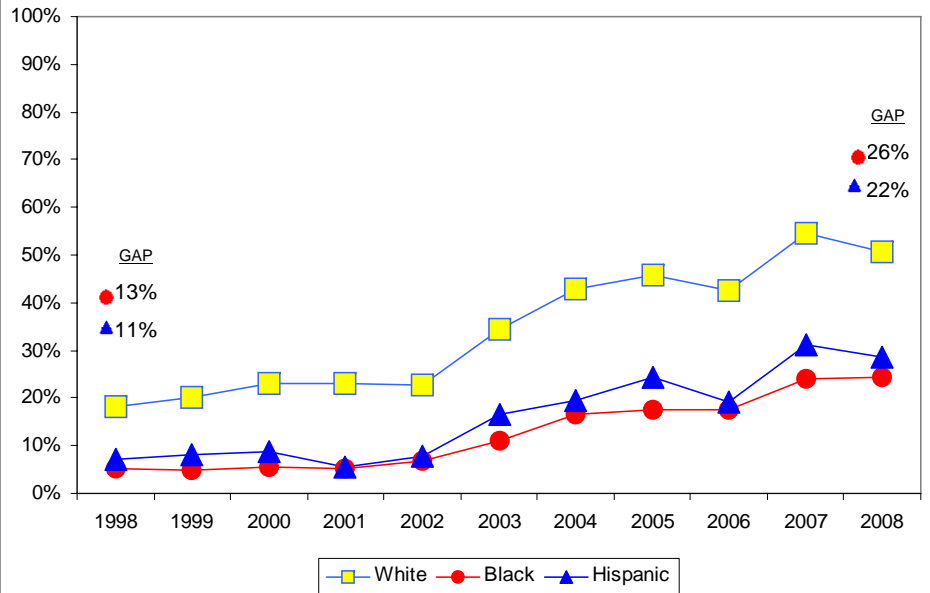
Is the gap closing?

# Tacoma School District 2008 WASL- Grade 7 Reading and Math by Gap Trends

### Grade 7 Reading



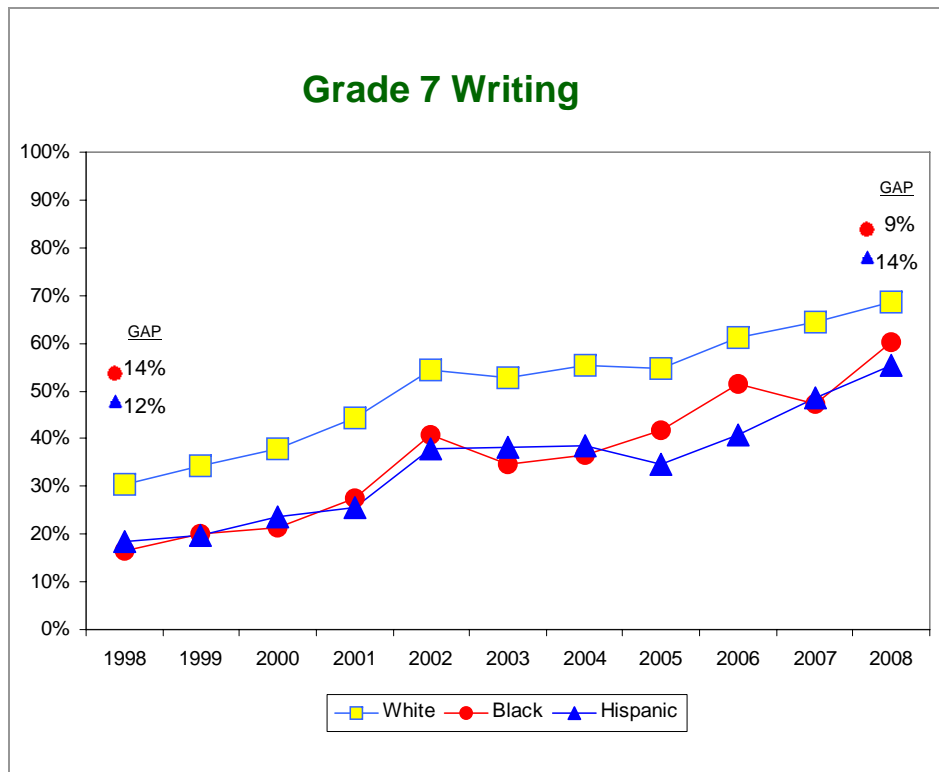
### Grade 7 Math



From OSPI Website

Is the gap closing?

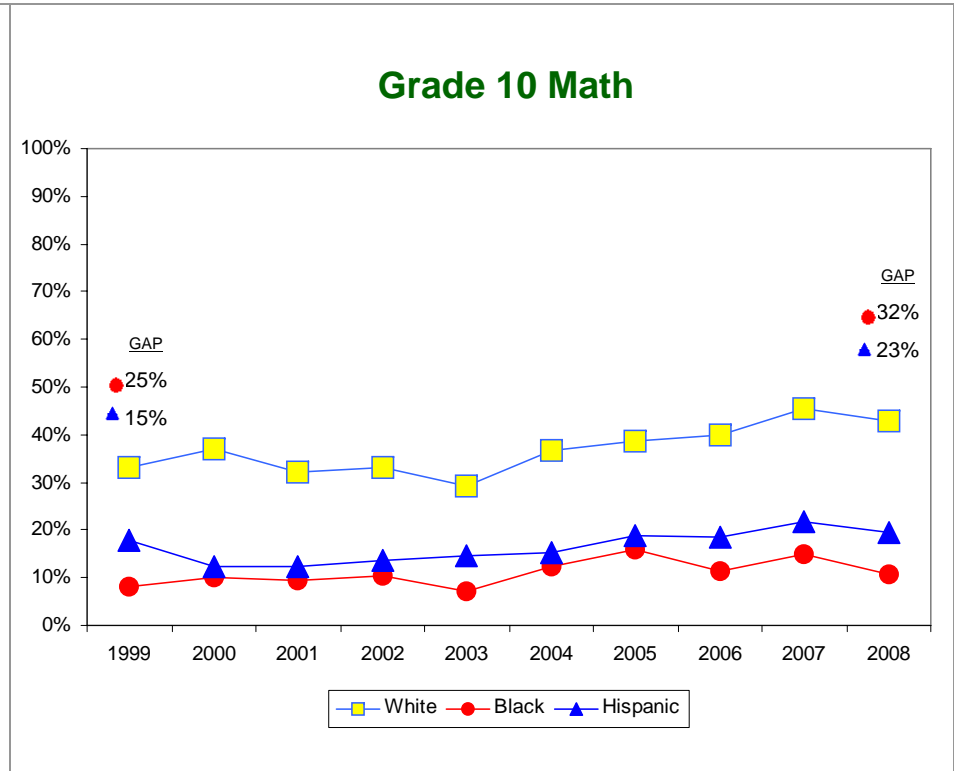
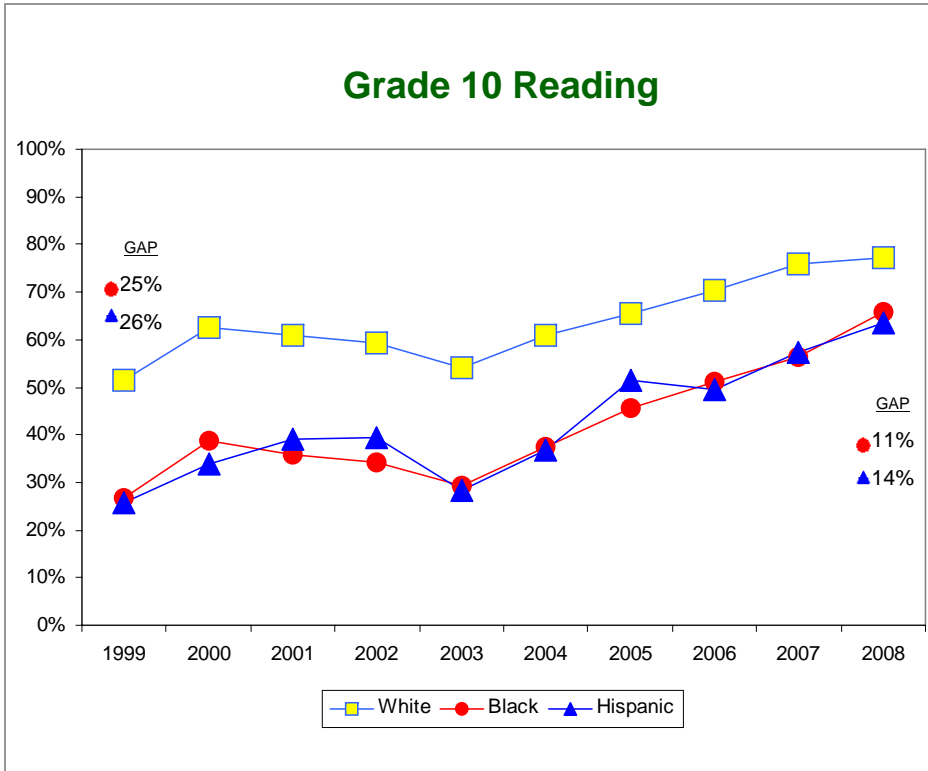
## Tacoma School District 2008 WASL- Grade 7 Writing by Gap Trends



From OSPI Website

Is the gap closing?

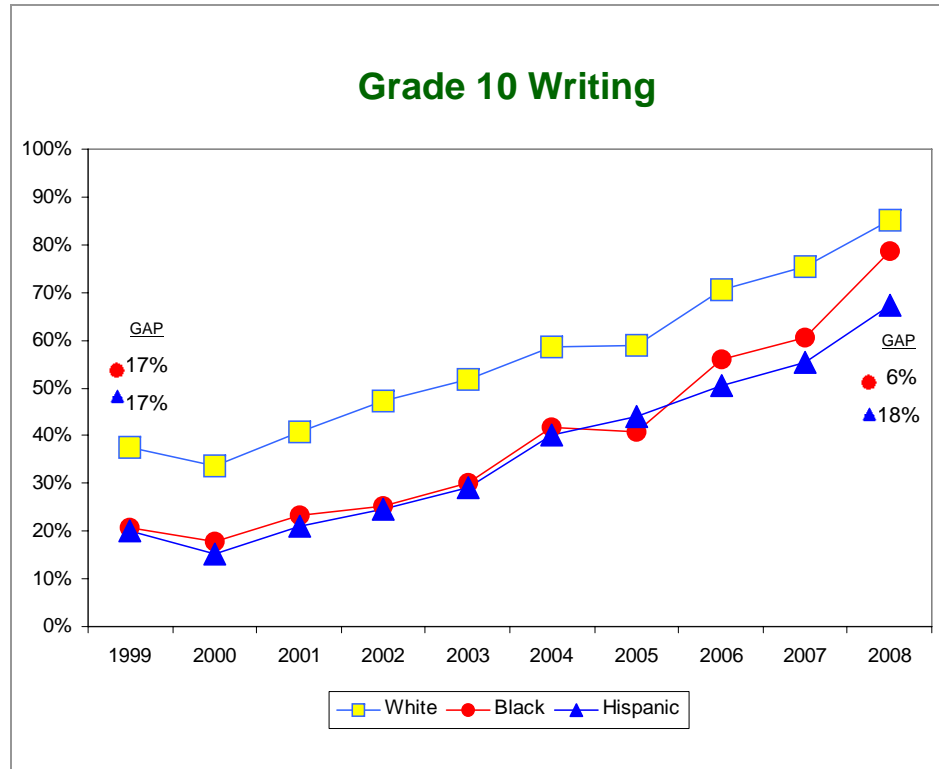
# Tacoma School District 2008 WASL- Grade 10 Reading and Math by Gap Trends



From OSPI Website

Is the gap closing?

## Tacoma School District 2008 WASL- Grade 10 Writing by Gap Trends



From OSPI Website

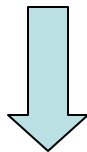
Is the gap closing?

## Tacoma School District WASL- Grades 4, 7 & 10 Summary Gap Trends

### Reading

#### 10 Years Ago

	Grade 4	Grade 7	Grade 10
● Black	28%	19%	25%
▲ Hispanic	23%	15%	26%



#### Now

	Grade 4	Grade 7	Grade 10
● Black	14%	17%	11%
▲ Hispanic	19%	21%	14%

### Math

#### 10 Years Ago

	Grade 4	Grade 7	Grade 10
● Black	16%	13%	25%
▲ Hispanic	12%	11%	15%



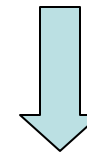
#### Now

	Grade 4	Grade 7	Grade 10
● Black	25%	26%	32%
▲ Hispanic	18%	22%	23%

### Writing

#### 10 Years Ago

	Grade 4	Grade 7	Grade 10
● Black	15%	14%	17%
▲ Hispanic	10%	12%	17%



#### Now

	Grade 4	Grade 7	Grade 10
● Black	10%	9%	6%
▲ Hispanic	12%	14%	18%

Grades 4 and 7 from 1997-98 to 2007-08  
Grade 10 from 1998-99 to 2007-08

From OSPI Website

Who makes it to college?

## 5 Year Trend of Tacoma Students Enrolling in College the First Year After High School

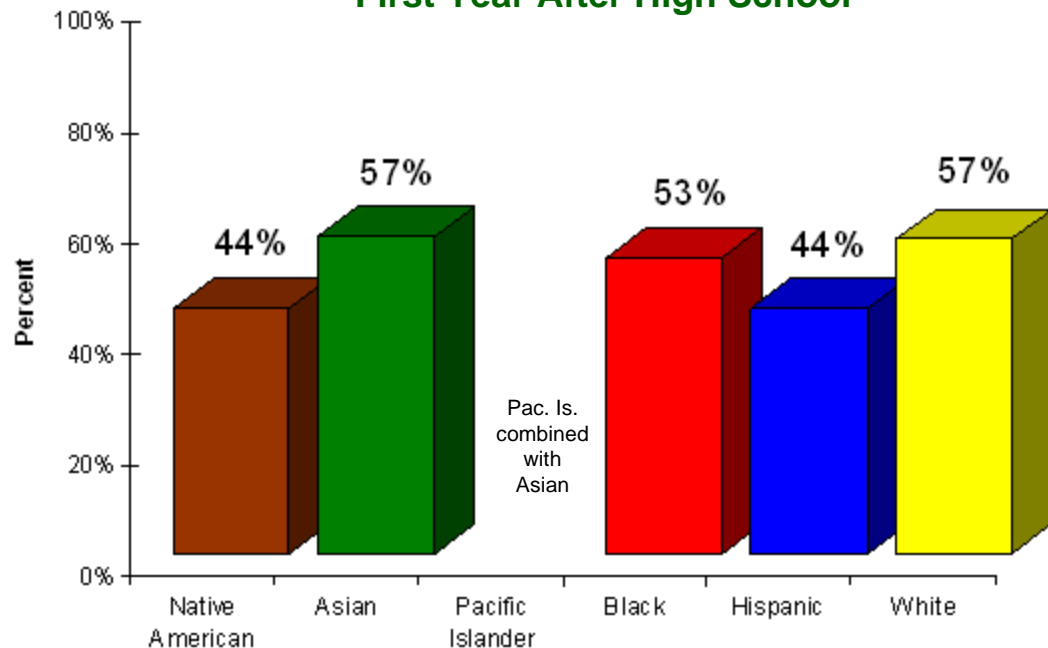


### % of students enrolled first year after graduating high school

	2003	2004	2005	2006	2007
Native American	39%	46%	56%	30%	50%
Asian/Pac Is	52%	50%	59%	63%	62%
Black	49%	55%	51%	54%	57%
Hispanic	42%	48%	40%	47%	44%
White	57%	56%	58%	55%	57%
Average	48%	51%	53%	50%	54%

This table shows a five year trend and average for the percent of students attending either a 2-year or 4-year college the first year after graduating from high school.

### 5 Year Average of % Enrolling in College the First Year After High School



From the National Student Clearinghouse (NSC) and the BERC Group

Who graduates in 4 years?

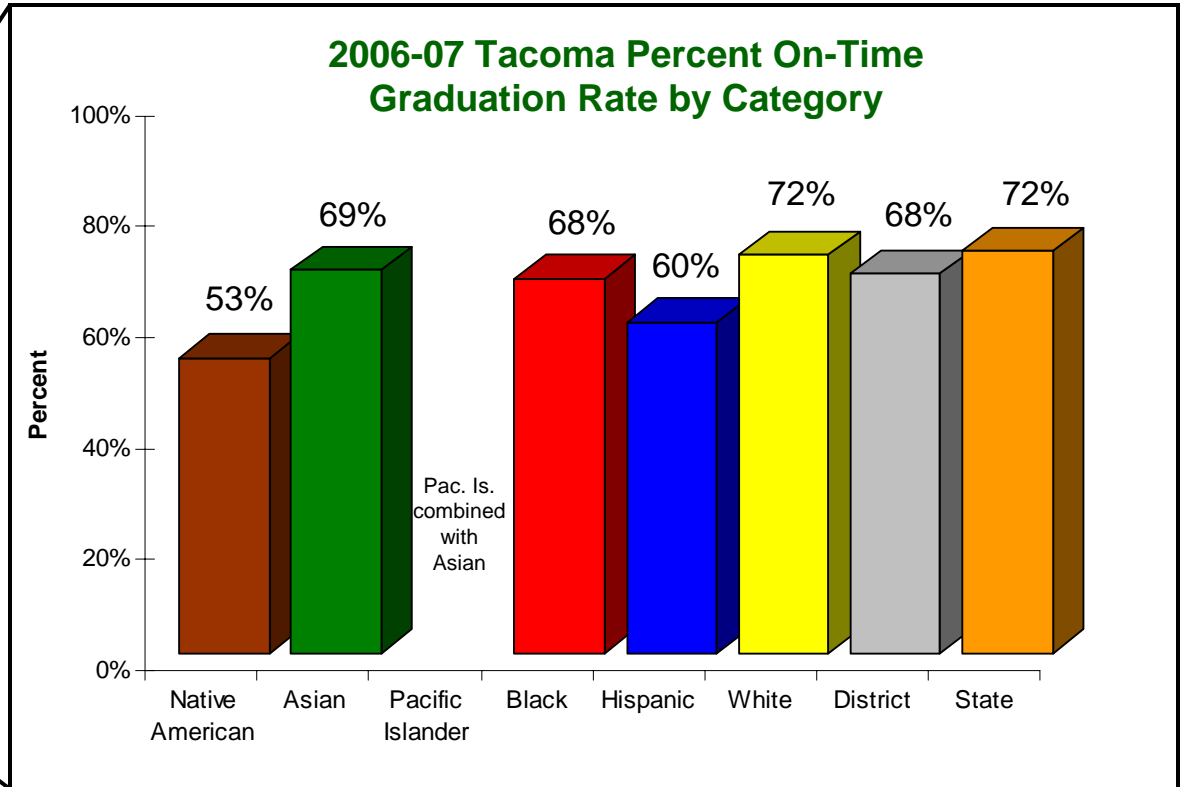
## Percent of Tacoma Students Graduating On-Time from High School



### % of On-Time Graduation 2 Year Trend

	2006	2007
Native American	58.9%	53.2%
Asian/Pac Islander	70.8%	69.2%
Black	65.4%	67.5%
Hispanic	58.8%	59.8%
White	69.1%	71.8%
District	67.6%	68.4%
State	70.4%	72.5%

**On-Time Graduation Rate** - These students would have started grade 9 and were expected to graduate "on-time" (in four years).



From OSPI Website

Who graduates in extended time?

## Percent of Tacoma Students Graduating Extended Time from High School

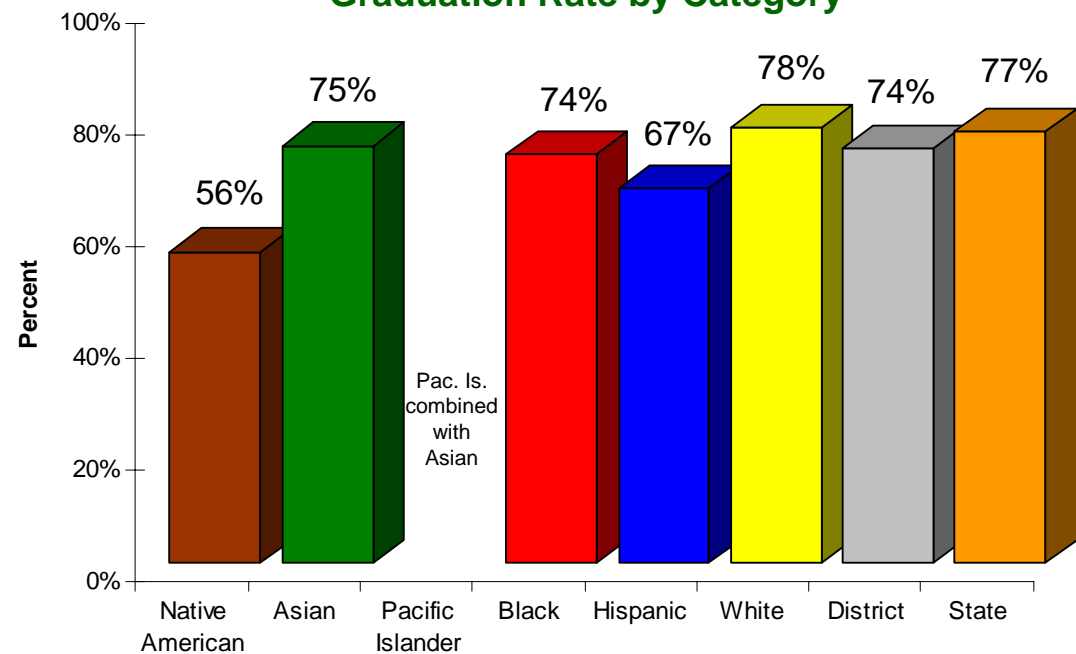


### % of Extended Time Graduation 2 Year Trend

	2006	2007
Native American	68.8%	56.0%
Asian/Pac Islander	78.5%	75.0%
Black	75.8%	73.5%
Hispanic	64.3%	67.4%
White	75.3%	78.2%
District	74.8%	74.4%
State	75.1%	77.5%

**Extended Graduation Rate** - This rate includes students who graduated after their expected graduation year.

### 2006-07 Tacoma Percent Extended Time Graduation Rate by Category

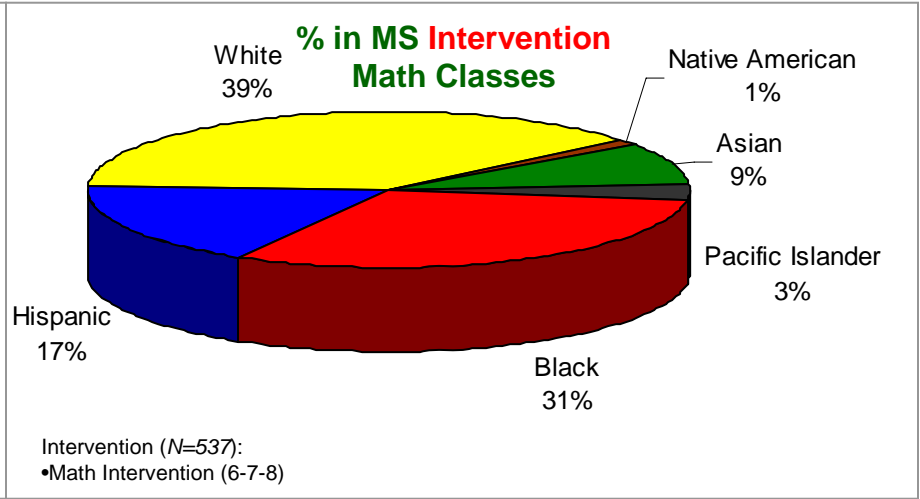
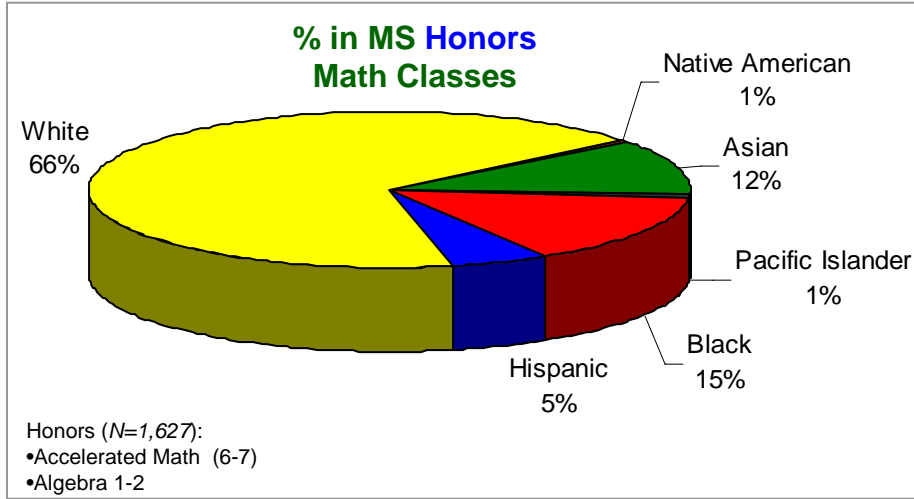
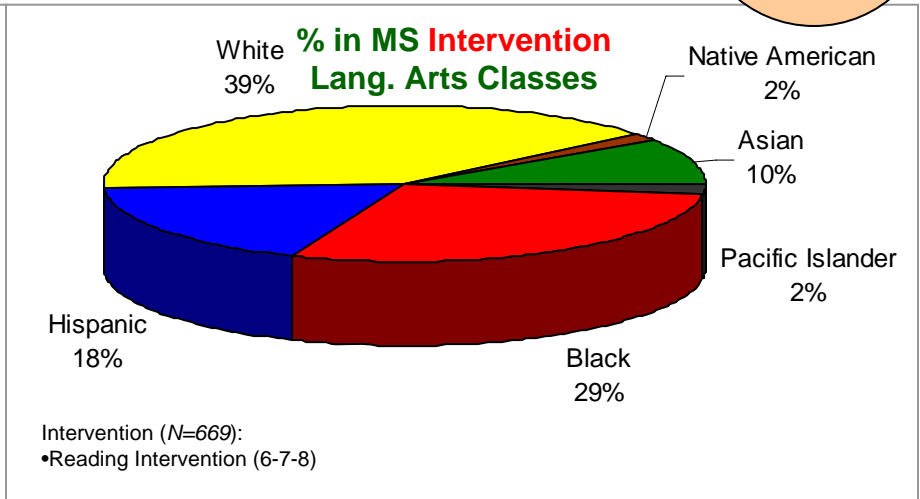
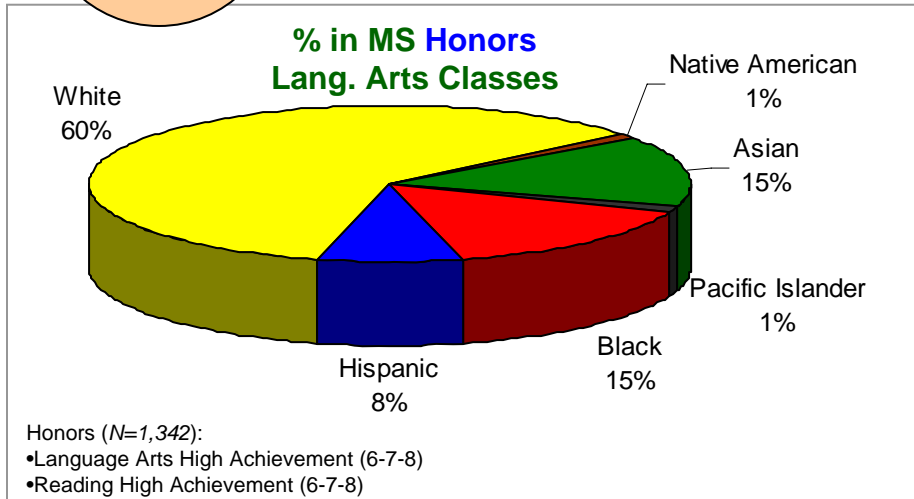


From OSPI Website

Who has access to a rigorous curriculum?

## Percent of Middle School Students in Honors and Intervention Classes

Who is in remedial classes?



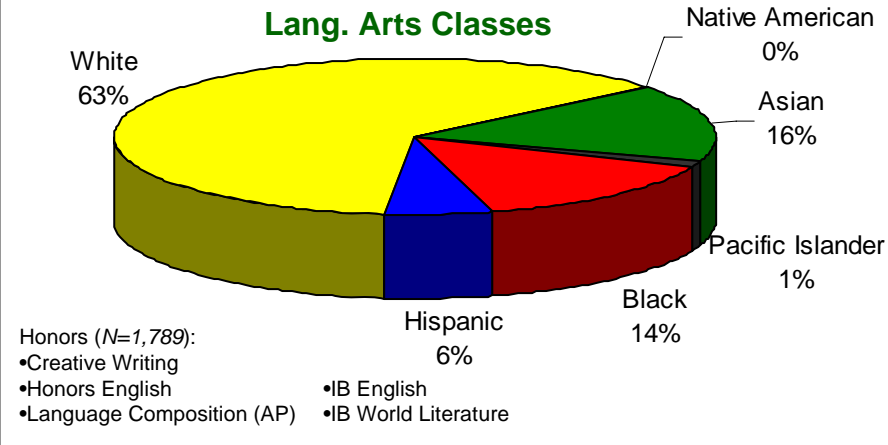
From eSIS records 2007-08

Who has access to a rigorous curriculum?

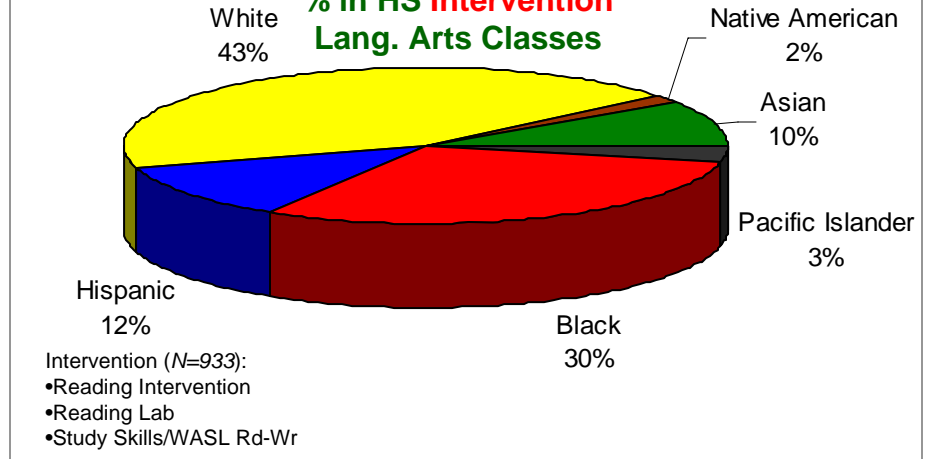
## Percent of High School Students in Honors and Intervention Classes

Who is in remedial classes?

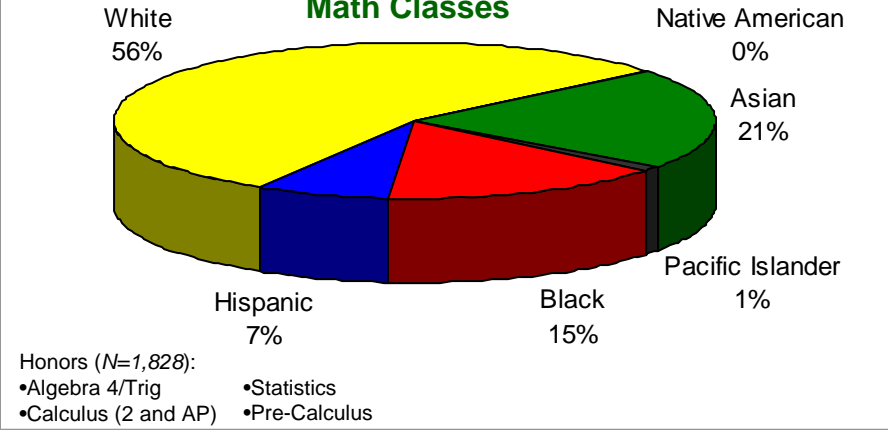
**% in HS Honors Lang. Arts Classes**



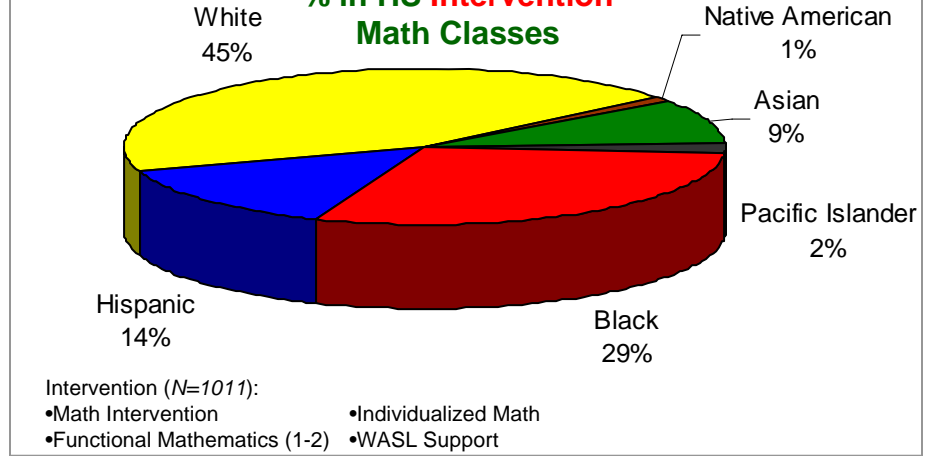
**% in HS Intervention Lang. Arts Classes**



**% in HS Honors Math Classes**



**% in HS Intervention Math Classes**



From eSIS records 2007-08

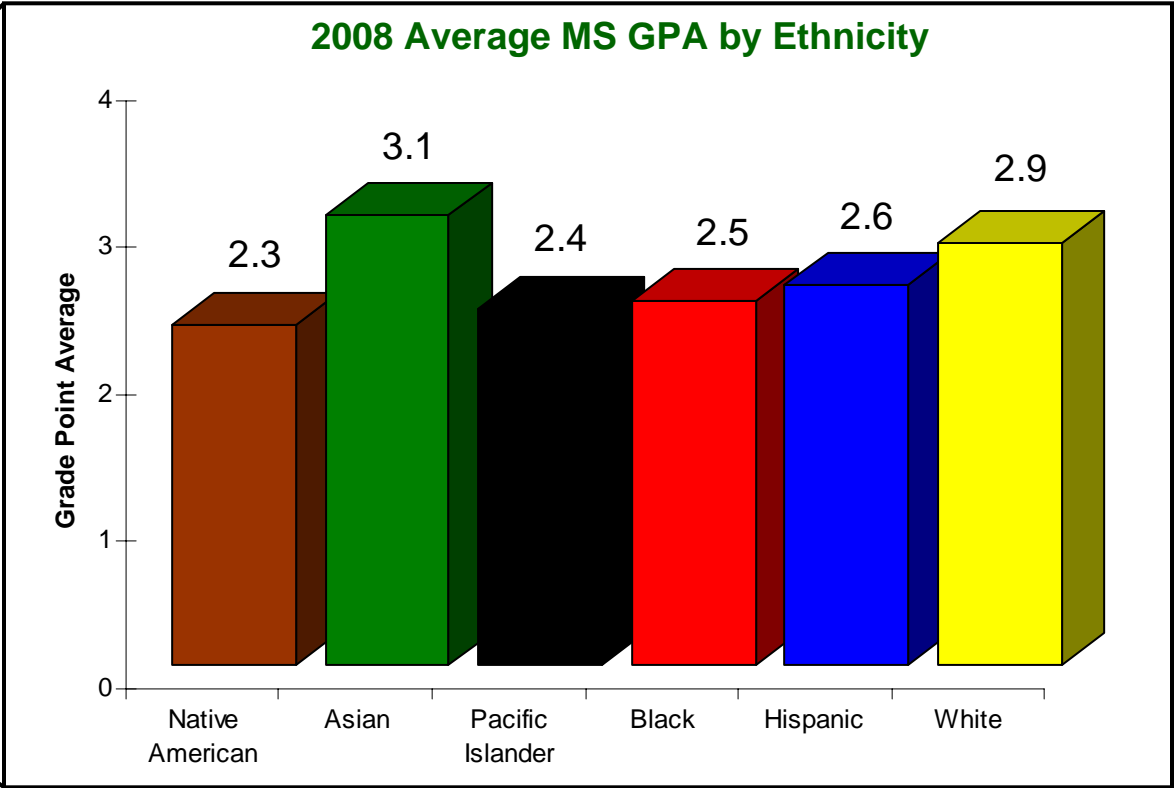
What are GPA patterns?

# 2008 End of School Year Average GPA for Tacoma for Middle School Students by Ethnicity

**MS Average GPA by School and Grade**

	Gr 6	Gr 7	Gr 8
A. Giadrone	2.8	2.7	2.6
Baker	3.0	2.9	2.7
Gault	2.6	2.6	2.4
Gray	2.5	2.5	2.4
Hunt	2.4	2.7	2.7
Jason Lee	2.4	2.4	2.4
Mason	3.1	3.1	3.1
McIlvaigh	2.6	2.4	2.6
Meeker	3.2	3.0	2.8
Stewart	2.7	2.7	2.6
Truman	2.8	3.0	2.8

**Grade Point Average** – The GPA is a cumulative summary from the end of the 2007-08 school year.



From eSIS End-of-Year report

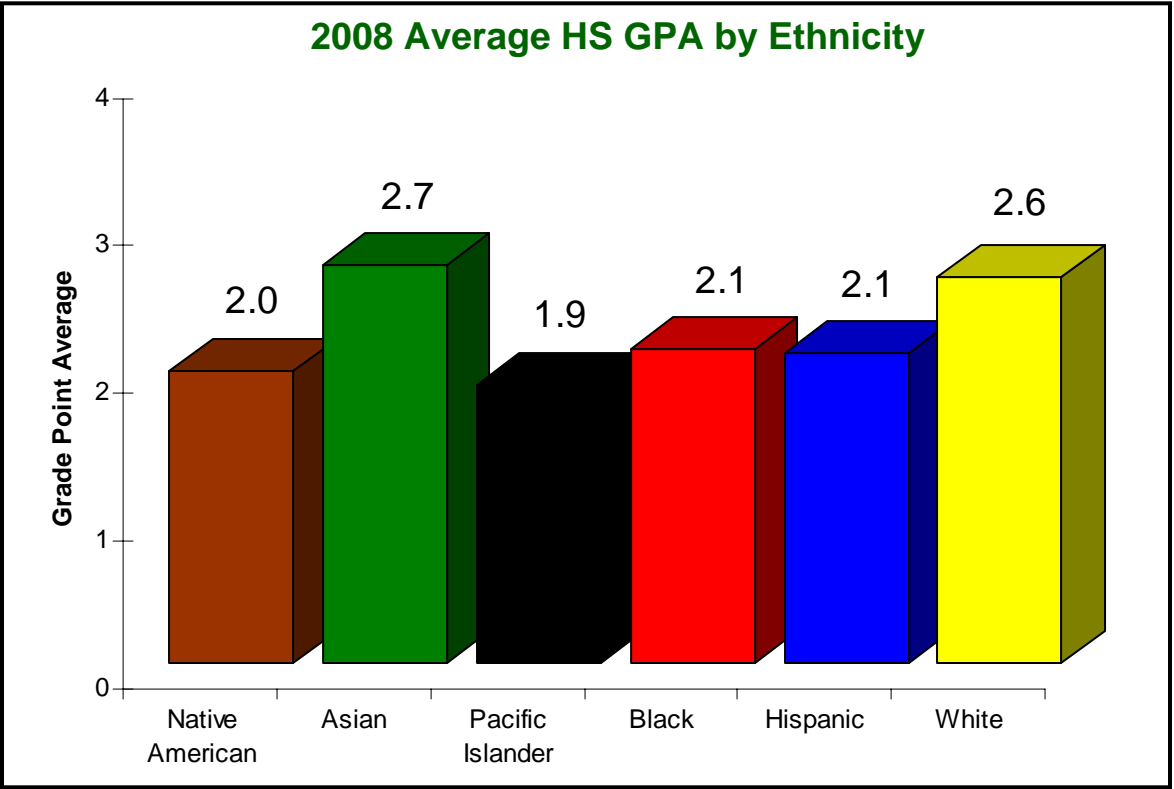
What are GPA patterns?

# 2008 End of School Year Average GPA for Tacoma for High School Students by Ethnicity

**HS Average GPA by School and Grade**

	Gr 9	Gr 10	Gr 11	Gr 12
Foss	1.7	2.1	2.5	2.7
Lincoln HS	1.6	2.0	2.3	2.5
Mt Tahoma	1.8	2.3	2.5	2.6
Oakland	0.8	1.3	1.7	1.9
SOTA		2.8	2.9	2.9
Stadium	2.0	2.4	2.7	2.9
Wilson	2.1	2.5	2.5	2.7

**Grade Point Average** – The GPA is a cumulative summary from the end of the 2007-08 school year.



From eSIS End-of-Year report

Who is disciplined in high school?

## 5 Year Count of High School Discipline Events And Individual Students by Ethnicity

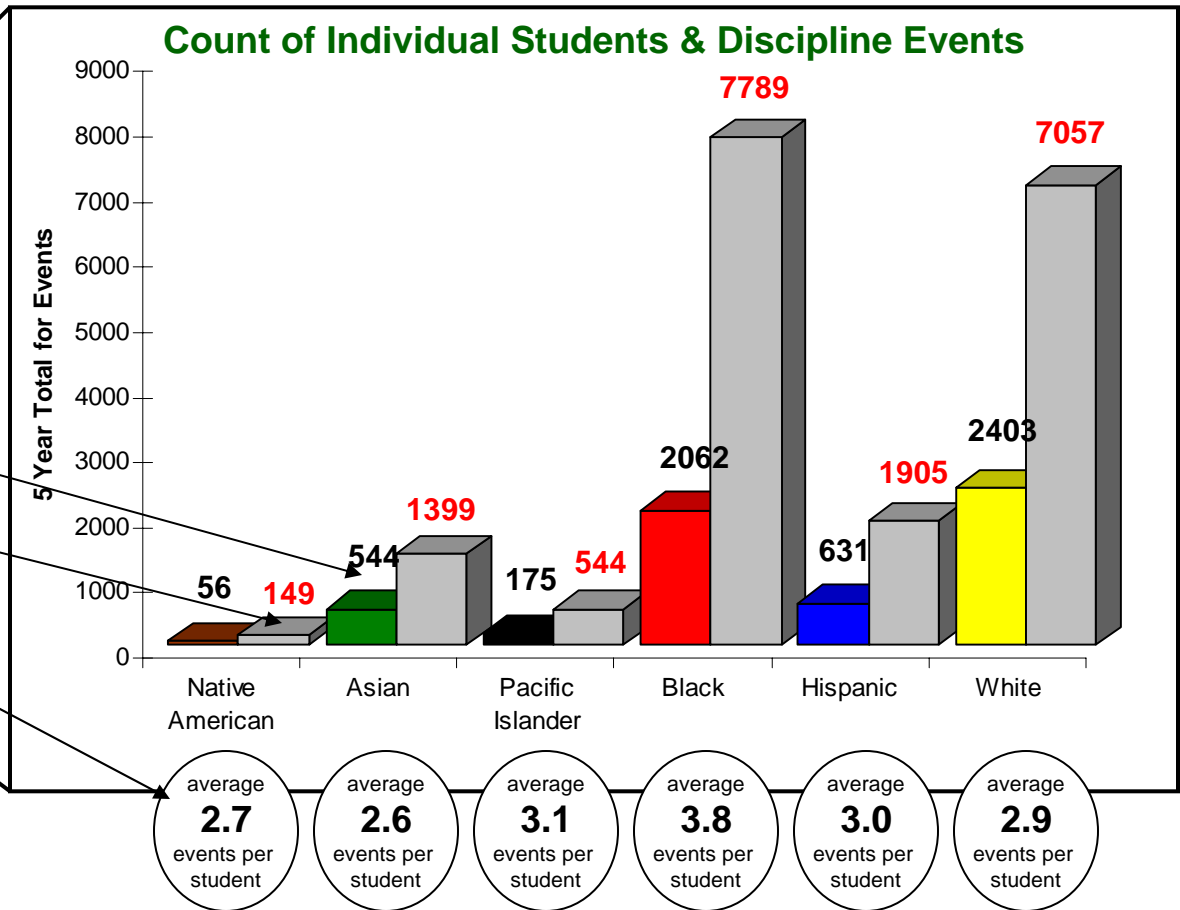
### Discipline Summary Explained

Over the past five years, the TPS high school enrollment is approximately 9,500 students a year for a total enrollment of 52,416 students. During this time **5,871** individual students have recorded a discipline infraction which only represents 11 percent of the total population.

Color bars are the number of individual students (**5,871**) by ethnicity for the past 6 years.

Gray bars are the number of discipline events in 5 years (**18,843** events).

An individual student can be involved in multiple discipline events (repeat offenders) so the circles represent the average events per student ethnic group.



From eSIS data

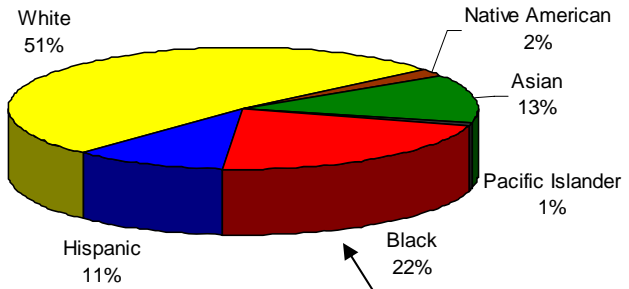
Who is disciplined for defiant/disruptive behavior?

# Who is disciplined for Defiant and Disruptive Behavior by Ethnicity

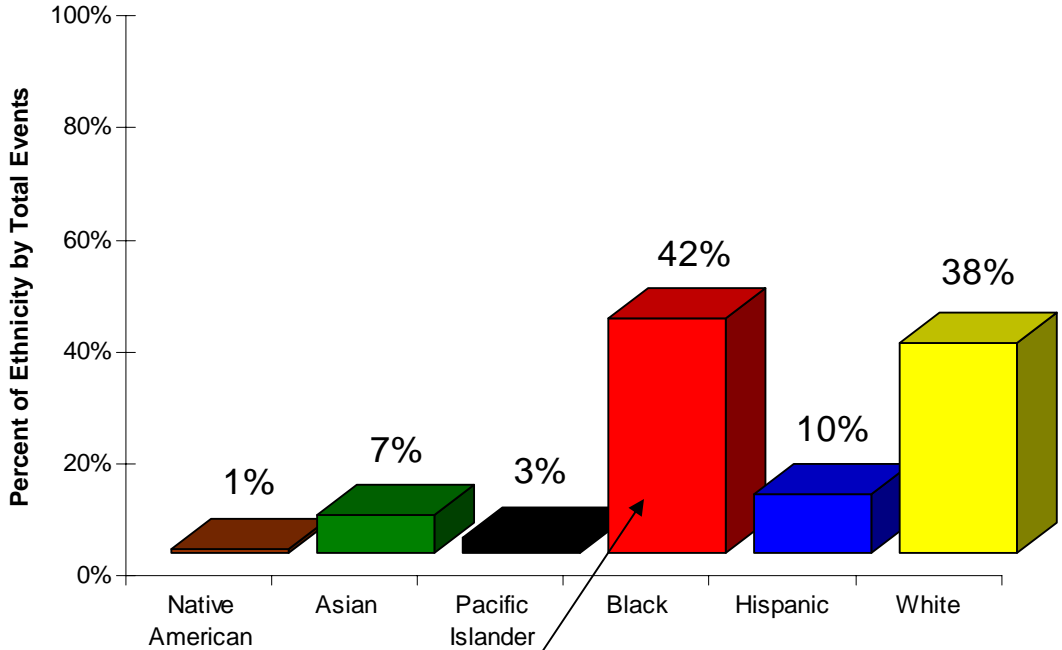
### Defiance/Disruptive Defined

- These discipline events include:
- **Defiance of Authority/Insubordination** (5 year N = 4,490)
  - **Disruptive Behavior** (5 year N = 3,394)

### For Comparison- 5 Year Average of Percent of Total Enrollment



### 5 Year Summary of Students Disciplined for Defiance of Authority and Disruptive Behavior by Percent of Ethnicity



For Example:  
 For a 5 year average, the percent of Black students in Tacoma is **22%**. Over this same time period **42%** of the **7,884** Defiant/Disruptive Behavior incidents involved Black students.

From eSIS data

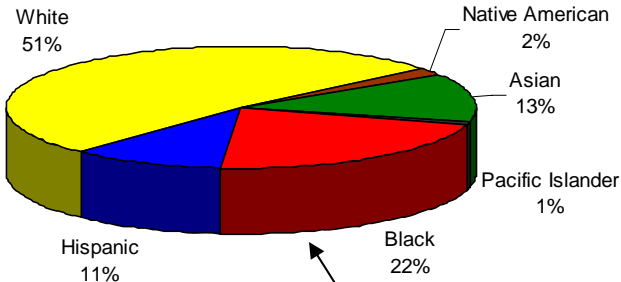
# Who is disciplined for Fighting by Ethnicity

Who is disciplined for fighting?

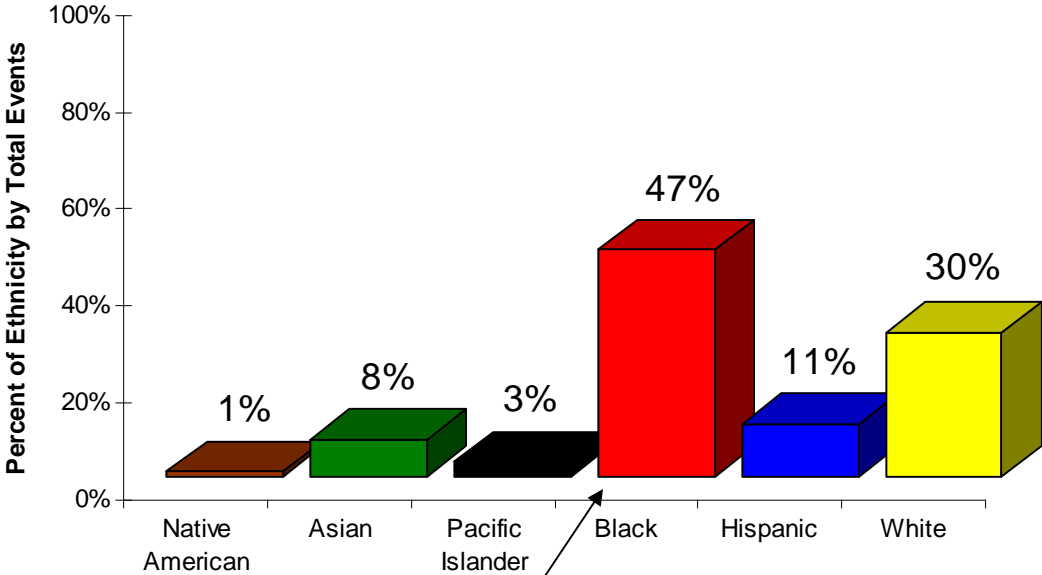
## Fighting Defined

- These discipline events include:
- **Assault of Student** (5 year N = 584)
  - **Fighting** (5 year N = 1,943)

## For Comparison- 5 Year Average of Percent of Total Enrollment



## 5 Year Summary of Students Disciplined for Fighting by Percent of Ethnicity



For Example:  
 For a 5 year average, the percent of Black students in Tacoma is **22%**. Over this same time period **47%** of the **2,527** Fighting incidents involved Black students.

From eSIS data

Who is disciplined for drugs and alcohol?

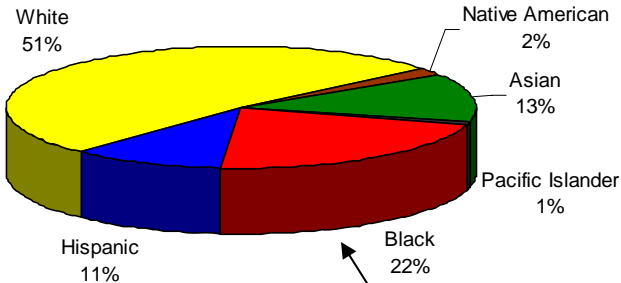
# Who is disciplined for Alcohol and Drug Incidents by Ethnic Group

## Drugs and Alcohol Defined

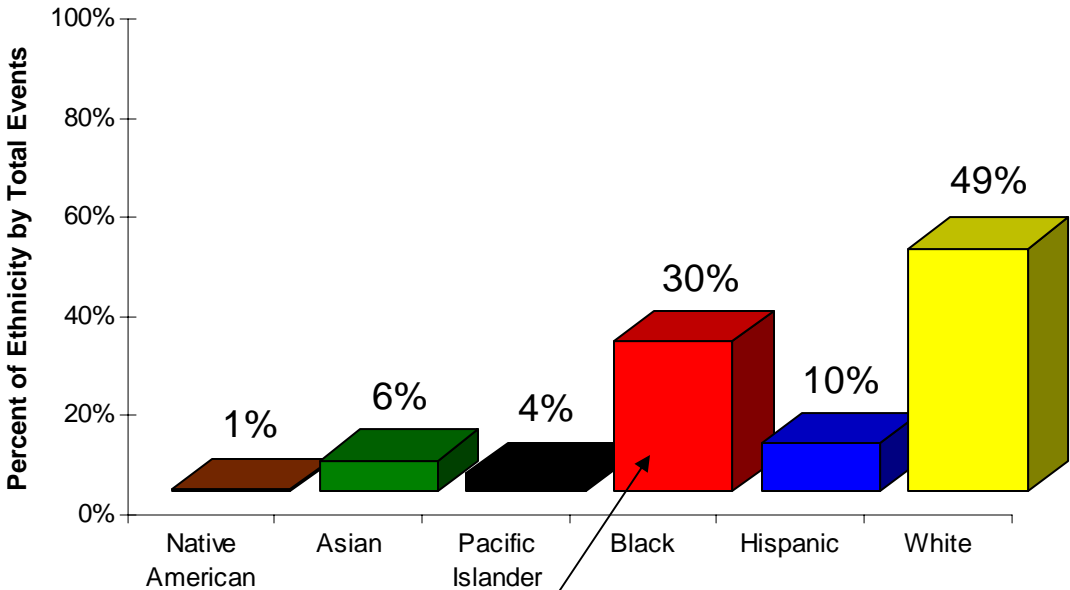
These discipline events include:

- **Alcohol Possession/Use** (5 year N = 280)
- **Drug Possession/Use** (5 year N = 882)

## For Comparison- 5 Year Average of Percent of Total Enrollment



## 5 Year Summary of Students Disciplined for Alcohol and Drug Possession/Use by Percent of Ethnicity



For Example:  
 For a 5 year average, the percent of Black students in Tacoma is **22%**. Over this same time period **30%** of the **1,162** Alcohol/Drug incidents involved Black students.

From eSIS data

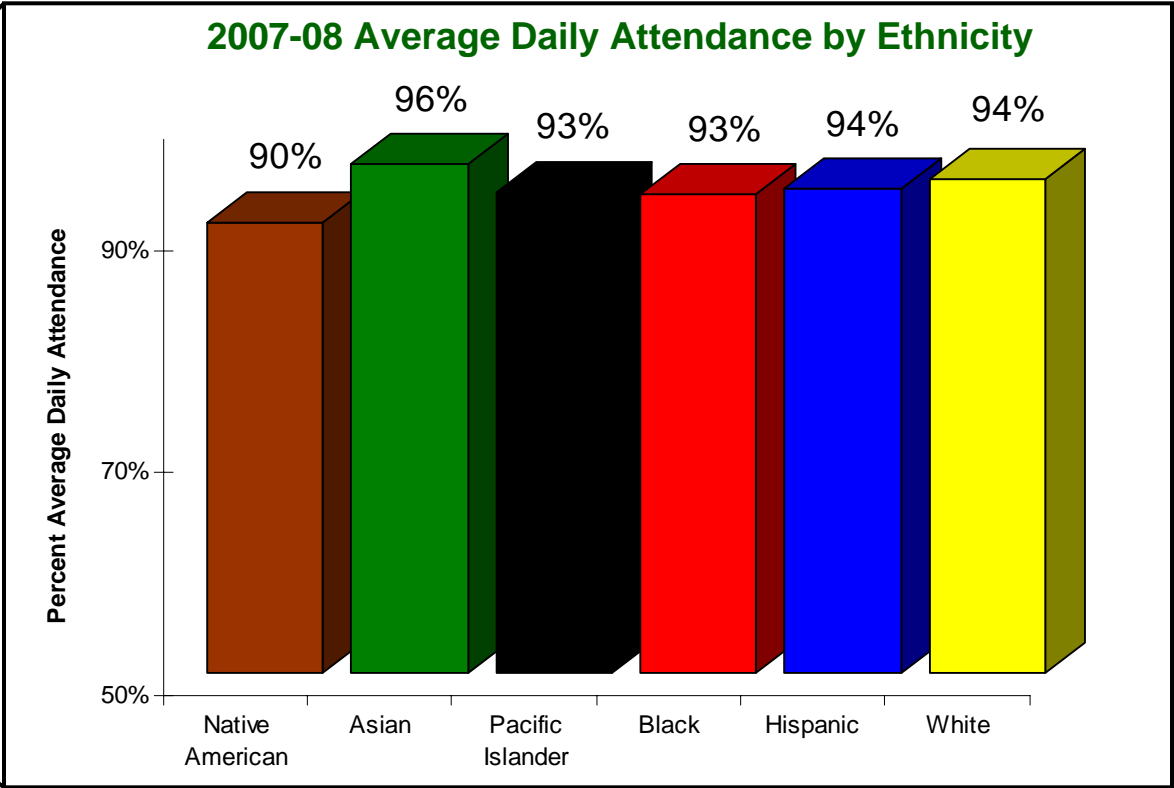
What are school attendance patterns?

# Average Daily Attendance for Tacoma for Middle School Students by Ethnicity

**MS Average Daily Attendance by School and Grade**

	Gr 6	Gr 7	Gr 8
A. Giandrone	95.0%	92.9%	88.2%
Baker	98.6%	98.4%	91.5%
Gault	95.6%	94.9%	90.7%
Gray	92.6%	92.0%	87.6%
Hunt	96.1%	96.9%	89.2%
Jason Lee	92.4%	93.0%	89.6%
Mason	98.6%	98.0%	92.9%
McIlvaigh	92.8%	92.0%	90.4%
Meeker	99.8%	96.4%	94.2%
Stewart	98.8%	93.6%	90.4%
Truman	93.3%	95.6%	92.0%

**Average Daily Attendance** – The percent of days attended. For example, 90% ADA would mean a student is absent 18 out of 180 days



From eSIS End-of-Year report

What are school attendance patterns?

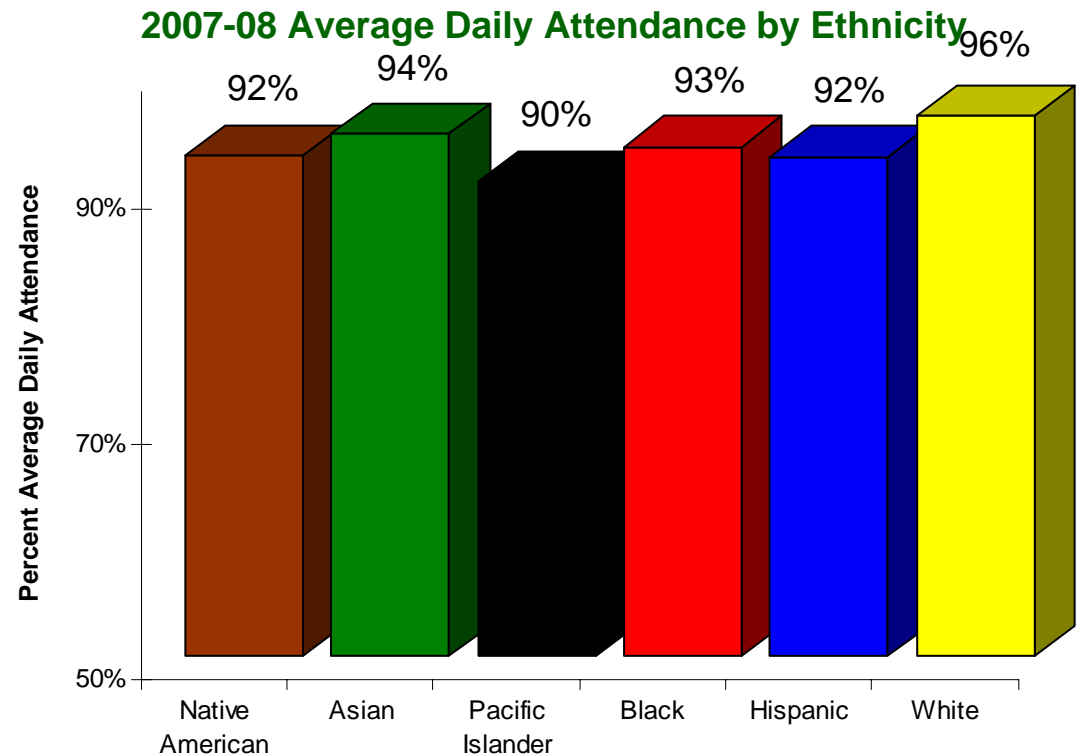
## Average Daily Attendance for Tacoma for High School Students by Ethnicity

### HS Average Daily Attendance by School and Grade

	Gr 9	Gr 10	Gr 11	Gr 12
Foss	97.7%	98.3%	97.8%	92.5%
Lincoln HS	88.3%	89.8%	90.7%	91.5%
Mt Tahoma	88.9%	91.4%	92.0%	90.8%
Oakland	77.1%	85.7%	88.6%	92.3%
SOTA	94.3%	95.5%	96.3%	96.2%
Stadium	97.4%	97.7%	97.8%	94.3%
Wilson	97.2%	98.1%	98.7%	97.4%

**Average Daily Attendance** – The percent of days attended. For example, 90% ADA would mean a student is absent 18 out of 180 days

### 2007-08 Average Daily Attendance by Ethnicity



Note: data for Lincoln and Mt. Tahoma is from 2006-07

From eSIS End-of-Year report

What is the likelihood of receiving special education?

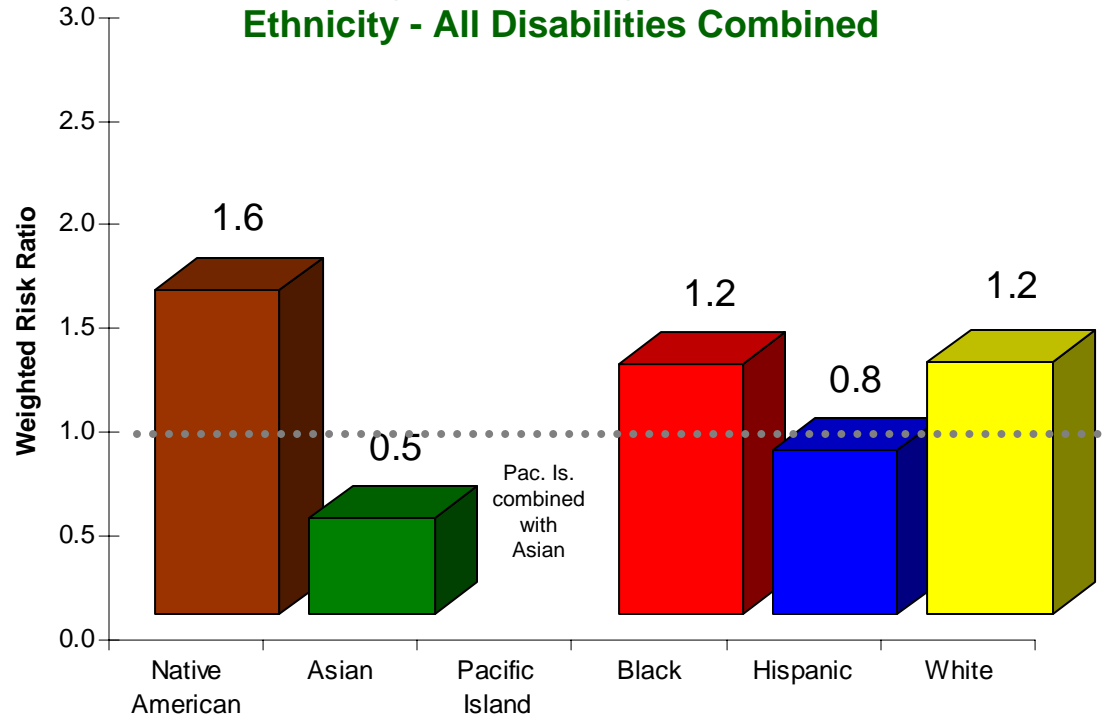
## Four Year Average Special Education Participation by Funding Category and Ethnicity

**Weighted Risk Ratios by Category**

	All Disabilities	Autism	Comm Disorder	Emotional/Behavioral Disability	Health Impaired	Specific Learning Disabilities	Mental Retardation
Nat.Am.	1.6	1.2	1.0	2.4	1.8	1.6	2.0
Asian/PI	0.5	0.5	0.6	0.2	0.2	0.5	1.0
Black	1.2	0.7	0.9	1.8	1.0	1.5	1.4
Hispanic	0.8	0.4	0.9	0.5	0.4	1.0	0.6
White	1.2	2.1	1.3	1.3	1.9	1.0	1.0

**Weighted Risk Ratio** – a WRR greater than 1.0 indicates the degree to which students are over-represented in the special education category. For example, a score of 2.0 indicates that the group is two times more likely to be included in the category than all other students. A score of 0.5 means the students are half as likely to be include in the category.

**4 Year Average SPED Weighted Risk Ratio by Ethnicity - All Disabilities Combined**



Note: data is a four year average from 2004-05 to 2007-08 school years.

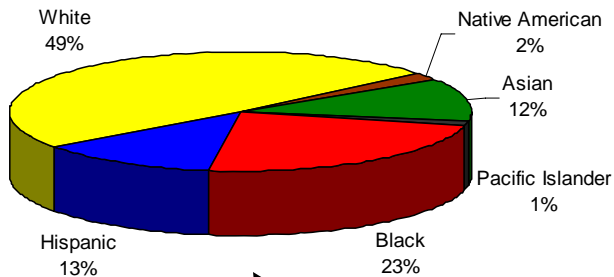
From reported submitted to OSPI 2007-08 School Year

Who is suspended receiving special education services?

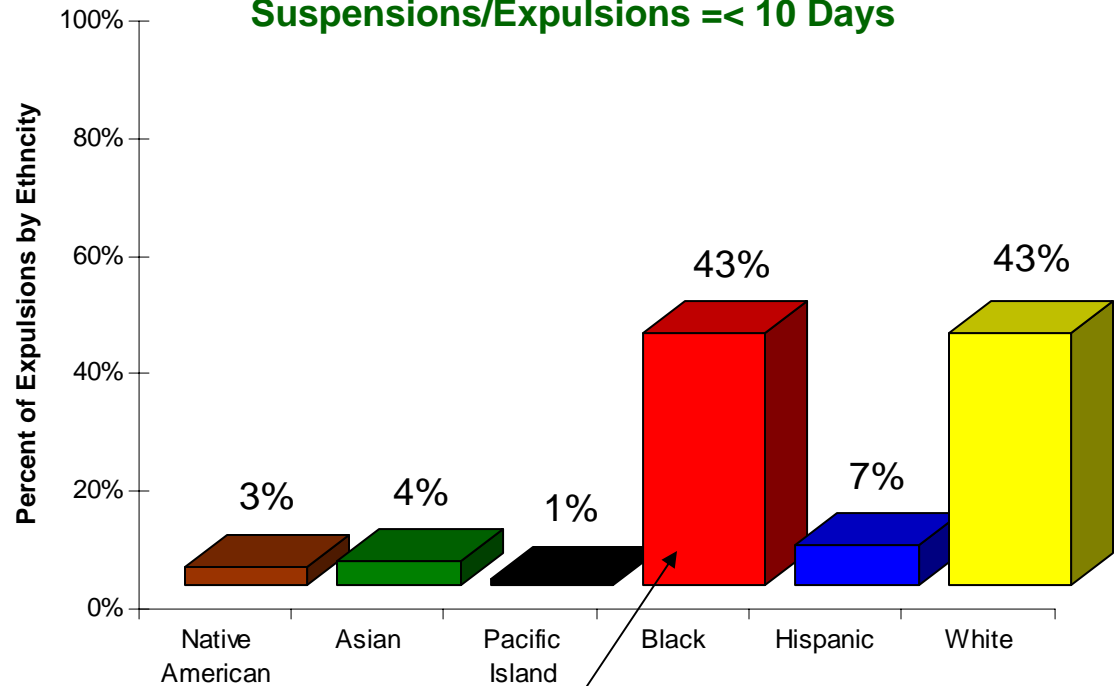
## Percent of Special Education Students with Out-Of-School Suspensions or Expulsions for Durations Less Than or Equal 10 Days

There were a total of 689 special education students suspended for less than or equal 10 days during the 2007-08 school year

### For Comparison- K-12 Percent of Total Enrollment by Ethnicity



### 2007-08 Summary of Special Education Suspensions/Expulsions =< 10 Days

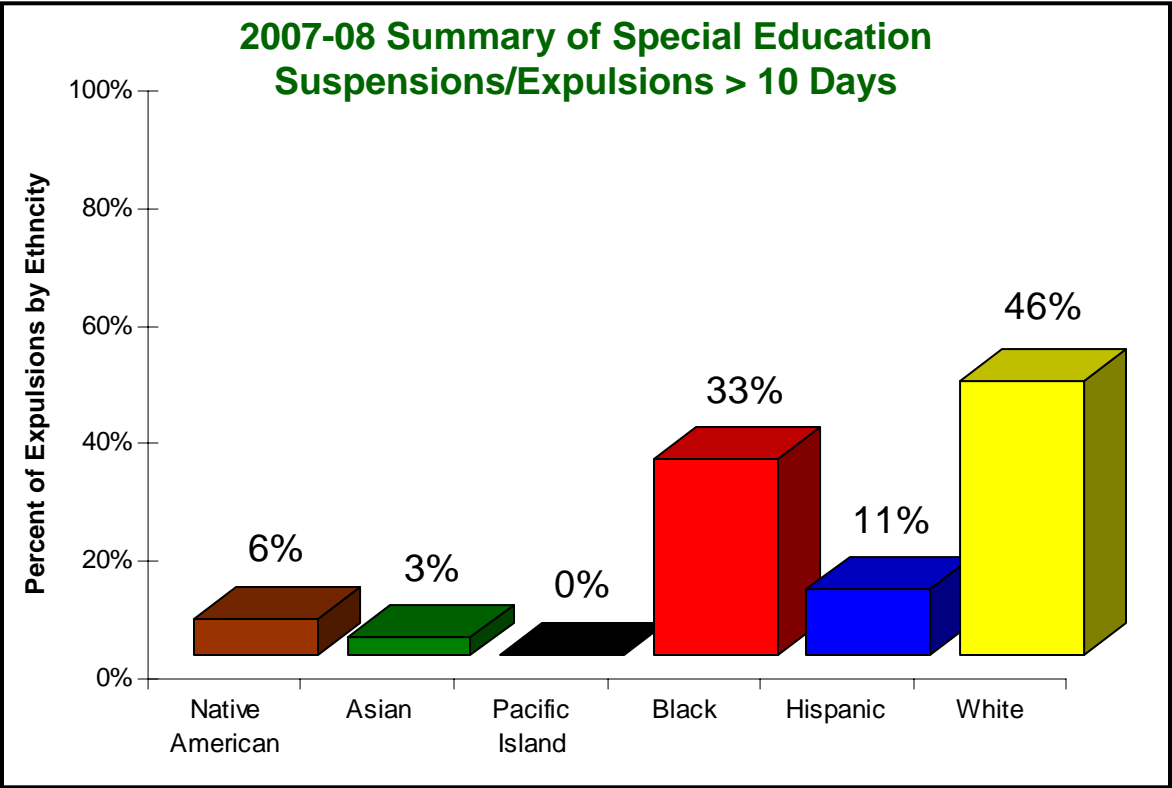
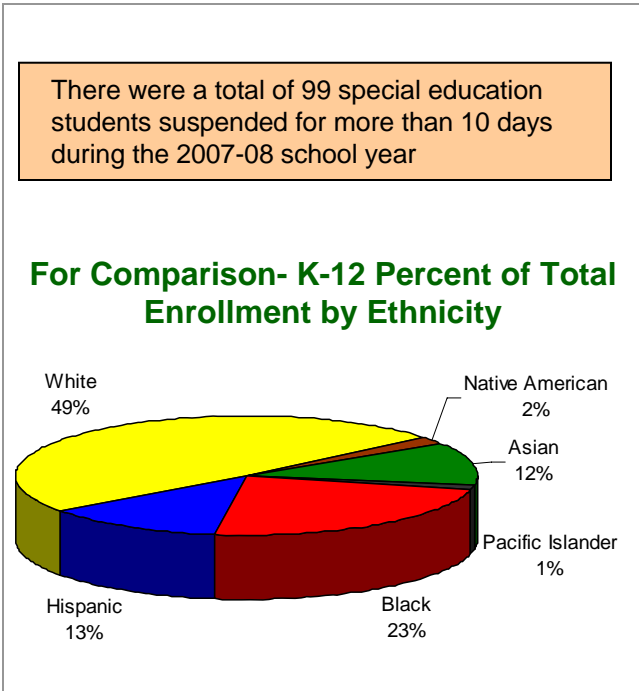


For Example:  
The percent of black students in Tacoma is **23%**. The percent of black special education students suspended =< 10 days is **43%**.

From reported submitted to OSPI 2007-08 School Year

Who is suspended receiving special education services?

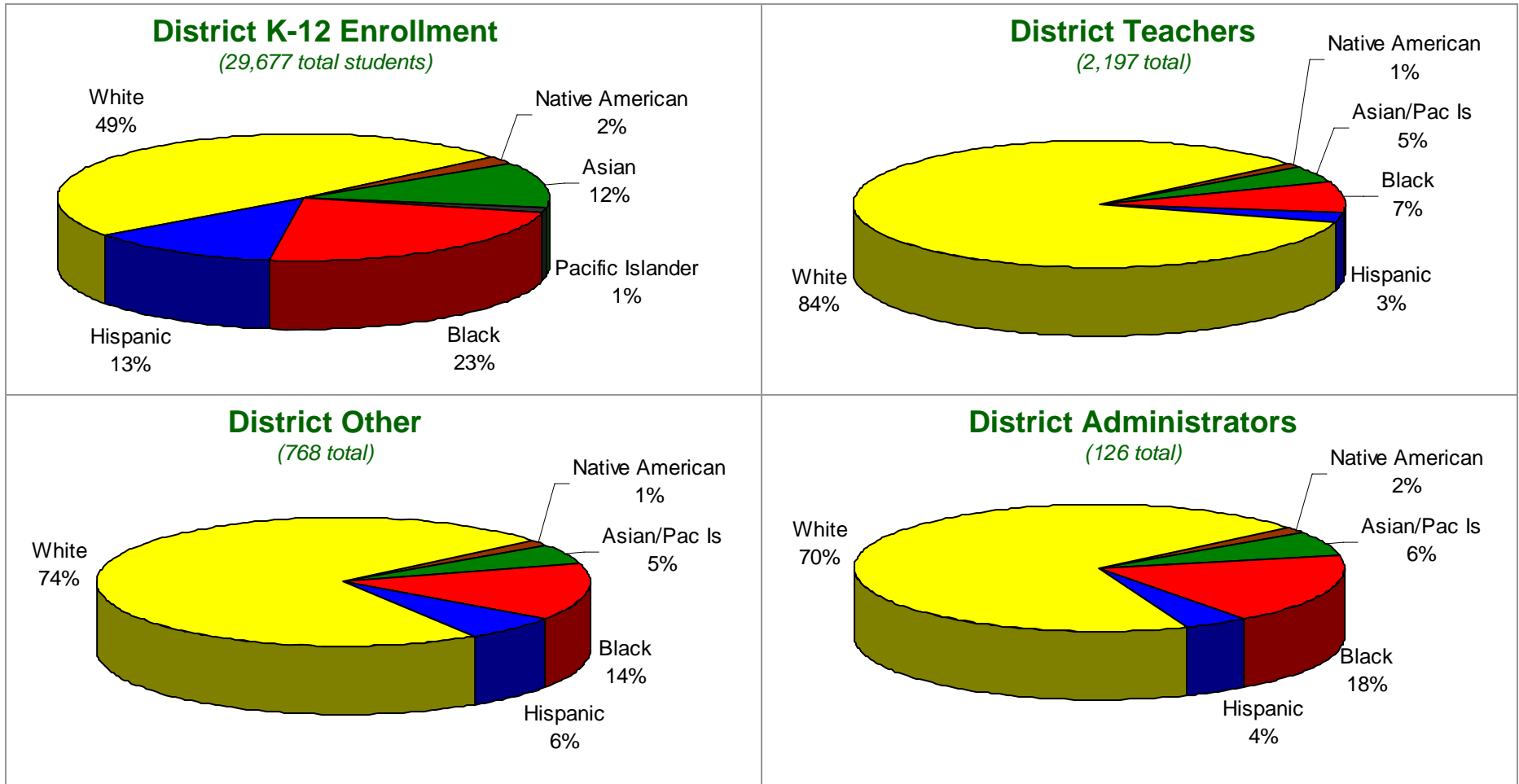
# Percent of Special Education Students with Out-Of-School Suspensions or Expulsions for Durations More Than 10 Days



From reported submitted to OSPI 2007-08 School Year

What is the ethnicity of staff?

## District Staff (Administrators, Teachers and Others) by Percent of Ethnicity



From Human Resources TPS