

DISTRICT SUMMARY

Combine the data into a single dataset

	Student ID	student_name	gender	grade	school_name \
0	0	Paul Bradley	M	9th	Huang High School
1	1	Victor Smith	M	12th	Huang High School
2	2	Kevin Rodriguez	M	12th	Huang High School
3	3	Dr. Richard Scott	M	12th	Huang High School
4	4	Bonnie Ray	F	9th	Huang High School

	reading_score	math_score	School ID	type	size	budget
0	66	79	0 District	2917	1910635	
1	94	61	0 District	2917	1910635	
2	90	60	0 District	2917	1910635	
3	67	58	0 District	2917	1910635	
4	97	84	0 District	2917	1910635	

Calculate the total number of unique schools 15

Calculate the total number of students 39,170

Calculate the total budget \$24,649,428.00

Calculate the average (mean) math score 78.99

Calculate the average (mean) reading score 81.88

Use the following to calculate the percentage of students who passed math (math scores greater than or equal to 70) 74.98

Calculate the percentage of students who passed reading (hint: look at how the math percentage was calculated) 85.81

Calculate the percentage of students that passed math and reading 65.17

District Summary:

	Total Schools	Total Students	Total Budget	Average Math Score	Average Reading Score	% Passing Math	% Passing Reading	% Overall Passing
0	15	39,170	\$24,649,428.00	78.99	81.88	74.98	85.81	65.17

SCHOOL SUMMARY**School Type**

school_name type

Huang High School District

Figueroa High School District

Shelton High School Charter

Hernandez High School District

Griffin High School Charter

Wilson High School Charter

Cabrera High School Charter

Bailey High School District

Holden High School Charter

Pena High School Charter

Wright High School Charter

Rodriguez High School District

Johnson High School District

Ford High School District

Thomas High School Charter

Total Students per School

school_name	number_of_students
Bailey High School	4976
Johnson High School	4761
Hernandez High School	4635
Rodriguez High School	3999
Figueroa High School	2949
Huang High School	2917
Ford High School	2739
Wilson High School	2283
Cabrera High School	1858
Wright High School	1800
Shelton High School	1761
Thomas High School	1635
Griffin High School	1468
Pena High School	962
Holden High School	427

Total School Budget per Student

school_name	
Bailey High School	\$628.00
Cabrera High School	\$582.00
Figueroa High School	\$639.00
Ford High School	\$644.00
Griffin High School	\$625.00
Hernandez High School	\$652.00
Holden High School	\$581.00

school_name

Bailey High School	\$628.00
Huang High School	\$655.00
Johnson High School	\$650.00
Pena High School	\$609.00
Rodriguez High School	\$637.00
Shelton High School	\$600.00
Thomas High School	\$638.00
Wilson High School	\$578.00
Wright High School	\$583.00

Average Math Scores**math_score****school_name**

Bailey High School	77.05
Cabrera High School	83.06
Figueroa High School	76.71
Ford High School	77.10
Griffin High School	83.35
Hernandez High School	77.29
Holden High School	83.80
Huang High School	76.63
Johnson High School	77.07
Pena High School	83.84

math_score

school_name

Rodriguez High School 76.84

Shelton High School 83.36

Thomas High School 83.42

Wilson High School 83.27

Wright High School 83.68

Average Reading Scores

reading_score

school_name

Bailey High School 81.03

Cabrera High School 83.98

Figueroa High School 81.16

Ford High School 80.75

Griffin High School 83.82

Hernandez High School 80.93

Holden High School 83.81

Huang High School 81.18

Johnson High School 80.97

Pena High School 84.04

Rodriguez High School 80.74

Shelton High School 83.73

Thomas High School 83.85

	reading_score
school_name	
Wilson High School	83.99
Wright High School	83.95

Number of Students Passing Math

school_name	
Bailey High School	3,318
Cabrera High School	1,749
Figueroa High School	1,946
Ford High School	1,871
Griffin High School	1,371
Hernandez High School	3,094
Holden High School	395
Huang High School	1,916
Johnson High School	3,145
Pena High School	910
Rodriguez High School	2,654
Shelton High School	1,653
Thomas High School	1,525
Wilson High School	2,143
Wright High School	1,680

Number of Students Passing Reading

school_name

Bailey High School	4,077
Cabrera High School	1,803
Figueroa High School	2,381
Ford High School	2,172
Griffin High School	1,426
Hernandez High School	3,748
Holden High School	411
Huang High School	2,372
Johnson High School	3,867
Pena High School	923
Rodriguez High School	3,208
Shelton High School	1,688
Thomas High School	1,591
Wilson High School	2,204
Wright High School	1,739

Number of Students Passing Math and Reading

school_name

Bailey High School	2,719
Cabrera High School	1,697
Figueroa High School	1,569
Ford High School	1,487

school_name

Bailey High School	2,719
Griffin High School	1,330
Hernandez High School	2,481
Holden High School	381
Huang High School	1,561
Johnson High School	2,549
Pena High School	871
Rodriguez High School	2,119
Shelton High School	1,583
Thomas High School	1,487
Wilson High School	2,068
Wright High School	1,626

Math Passing Rates**school_name**

Bailey High School	66.68
Cabrera High School	94.13
Figueroa High School	65.99
Ford High School	68.31
Griffin High School	93.39
Hernandez High School	66.75
Holden High School	92.51
Huang High School	65.68
Johnson High School	66.06

school_name

Bailey High School	66.68
Pena High School	94.59
Rodriguez High School	66.37
Shelton High School	93.87
Thomas High School	93.27
Wilson High School	93.87
Wright High School	93.33

Reading Passing Rates

school_name

Bailey High School	81.93
Cabrera High School	97.04
Figueroa High School	80.74
Ford High School	79.30
Griffin High School	97.14
Hernandez High School	80.86
Holden High School	96.25
Huang High School	81.32
Johnson High School	81.22
Pena High School	95.95
Rodriguez High School	80.22
Shelton High School	95.85
Thomas High School	97.31
Wilson High School	96.54

school_name

Bailey High School 81.93

Wright High School 96.61

Overall Passing Rates

school_name

Bailey High School 54.64

Cabrera High School 91.33

Figueroa High School 53.20

Ford High School 54.29

Griffin High School 90.60

Hernandez High School 53.53

Holden High School 89.23

Huang High School 53.51

Johnson High School 53.54

Pena High School 90.54

Rodriguez High School 52.99

Shelton High School 89.89

Thomas High School 90.95

Wilson High School 90.58

Wright High School 90.33

School Summary:

	School Type	Total Students	Total School Budget	Per Student Budget	Average Math Score	Average Reading Score	% Passing Math	% Passing Reading	% Overall Passing
school_name									
Bailey High School	District	4976	\$3,124,928.00	\$628.00	77.05	81.03	66.68	81.93	54.64
Cabrera High School	Charter	1858	\$1,081,356.00	\$582.00	83.06	83.98	94.13	97.04	91.33
Figueroa High School	District	2949	\$1,884,411.00	\$639.00	76.71	81.16	65.99	80.74	53.20
Ford High School	District	2739	\$1,763,916.00	\$644.00	77.10	80.75	68.31	79.30	54.29
Griffin High School	Charter	1468	\$917,500.00	\$625.00	83.35	83.82	93.39	97.14	90.60
Hernandez High School	District	4635	\$3,022,020.00	\$652.00	77.29	80.93	66.75	80.86	53.53
Holden High School	Charter	427	\$248,087.00	\$581.00	83.80	83.81	92.51	96.25	89.23
Huang High School	District	2917	\$1,910,635.00	\$655.00	76.63	81.18	65.68	81.32	53.51
Johnson High School	District	4761	\$3,094,650.00	\$650.00	77.07	80.97	66.06	81.22	53.54
Pena High School	Charter	962	\$585,858.00	\$609.00	83.84	84.04	94.59	95.95	90.54
Rodriguez High School	District	3999	\$2,547,363.00	\$637.00	76.84	80.74	66.37	80.22	52.99
Shelton High School	Charter	1761	\$1,056,600.00	\$600.00	83.36	83.73	93.87	95.85	89.89
Thomas High School	Charter	1635	\$1,043,130.00	\$638.00	83.42	83.85	93.27	97.31	90.95

	School Type	Total Students	Total School Budget	Per Student Budget	Average Math Score	Average Reading Score	% Passing Math	% Passing Reading	% Overall Passing
school_name									
Wilson High School	Charter	2283	\$1,319,574.00	\$578.00	83.27	83.99	93.87	96.54	90.58
Wright High School	Charter	1800	\$1,049,400.00	\$583.00	83.68	83.95	93.33	96.61	90.33

HIGHEST-PERFORMING SCHOOLS (BY % OVERALL PASSING)

Top 5 Schools by Overall Passing Rate:

	School Type	Total Students	Total School Budget	Per Student Budget	Average Math Score	Average Reading Score	% Passing Math	% Passing Reading	% Overall Passing
school_name									
Cabrera High School	Charter	1858	\$1,081,356.00	\$582.00	83.06	83.98	94.13	97.04	91.33
Thomas High School	Charter	1635	\$1,043,130.00	\$638.00	83.42	83.85	93.27	97.31	90.95
Griffin High School	Charter	1468	\$917,500.00	\$625.00	83.35	83.82	93.39	97.14	90.60
Wilson High School	Charter	2283	\$1,319,574.00	\$578.00	83.27	83.99	93.87	96.54	90.58
Pena High School	Charter	962	\$585,858.00	\$609.00	83.84	84.04	94.59	95.95	90.54

BOTTOM PERFORMING SCHOOLS (BY % OVERALL PASSING)

Bottom 5 Schools by Overall Passing Rate:

	School Type	Total Students	Total School Budget	Per Student Budget	Average Math Score	Average Reading Score	% Passing Math	% Passing Reading	% Overall Passing
school_name									
Rodriguez High School	District	3999	\$2,547,363.00	\$637.00	76.84	80.74	66.37	80.22	52.99
Figueroa High School	District	2949	\$1,884,411.00	\$639.00	76.71	81.16	65.99	80.74	53.20
Huang High School	District	2917	\$1,910,635.00	\$655.00	76.63	81.18	65.68	81.32	53.51
Hernandez High School	District	4635	\$3,022,020.00	\$652.00	77.29	80.93	66.75	80.86	53.53
Johnson High School	District	4761	\$3,094,650.00	\$650.00	77.07	80.97	66.06	81.22	53.54

MATH SCORES BY GRADE

Math Scores by Grade:

	9th	10th	11th	12th
Bailey High School	77.08	77.00	77.52	76.49
Cabrera High School	83.09	83.15	82.77	83.28
Figueroa High School	76.40	76.54	76.88	77.15
Ford High School	77.36	77.67	76.92	76.18

	9th	10th	11th	12th
Griffin High School	82.04	84.23	83.84	83.36
Hernandez High School	77.44	77.34	77.14	77.19
Holden High School	83.79	83.43	85.00	82.86
Huang High School	77.03	75.91	76.45	77.23
Johnson High School	77.19	76.69	77.49	76.86
Pena High School	83.63	83.37	84.33	84.12
Rodriguez High School	76.86	76.61	76.40	77.69
Shelton High School	83.42	82.92	83.38	83.78
Thomas High School	83.59	83.09	83.50	83.50
Wilson High School	83.09	83.72	83.20	83.04
Wright High School	83.26	84.01	83.84	83.64

READING SCORE BY GRADE

Reading Scores by Grade:

	9th	10th	11th	12th
Bailey High School	81.30	80.91	80.95	80.91
Cabrera High School	83.68	84.25	83.79	84.29
Figueroa High School	81.20	81.41	80.64	81.38
Ford High School	80.63	81.26	80.40	80.66
Griffin High School	83.37	83.71	84.29	84.01
Hernandez High School	80.87	80.66	81.40	80.86

	9th	10th	11th	12th
Holden High School	83.68	83.32	83.82	84.70
Huang High School	81.29	81.51	81.42	80.31
Johnson High School	81.26	80.77	80.62	81.23
Pena High School	83.81	83.61	84.34	84.59
Rodriguez High School	80.99	80.63	80.86	80.38
Shelton High School	84.12	83.44	84.37	82.78
Thomas High School	83.73	84.25	83.59	83.83
Wilson High School	83.94	84.02	83.76	84.32
Wright High School	83.83	83.81	84.16	84.07

SCORES BY SCHOOL SPENDING

	Average Math Score	Average Reading Score	% Passing Math	% Passing Reading	% Overall Passing
Spending Ranges (Per Student)					
<\$585	83.45	83.93	93.46	96.61	90.37
\$585-630	81.90	83.16	87.13	92.72	81.42
\$630-645	78.52	81.62	73.48	84.39	62.86
\$645-680	77.00	81.03	66.16	81.13	53.53

SCORES BY SCHOOL SIZE

	Average Math Score	Average Reading Score	% Passing Math	% Passing Reading	% Overall Passing
School Size					
Small (<1000)	83.82	83.93	93.55	96.10	89.89
Medium (1000-2000)	83.37	83.87	93.60	96.79	90.62
Large (2000-5000)	77.75	81.34	69.96	82.77	58.28

SCORES BY SCHOOL TYPE

Type Summary:

	Average Math Score	Average Reading Score	% Passing Math	% Passing Reading	% Overall Passing
School Type					
Charter	83.47	83.90	93.62	96.59	90.43
District	76.96	80.97	66.55	80.80	53.67