

# ABC MIDDLE SCHOOL

ABC Middle School is the only middle school in a town with a population of approximately 12,000. Below are some demographic statistics for the school and school district.

Student Demographics			
		School	District
Ethnic and Gender Makeup Based Upon Fall Enrollment:			
	Caucasian	41.5%	45.9%
	Black	1.7%	1.3%
	Asian	3.8%	3.2%
	Hispanic	20.0%	18.7%
	Native American	18.9%	21.3%
	Two or More Races	14.1%	9.6%
	Female	46.8%	48.2%
	Male	53.2%	51.8%
Bilingual Students		16.2%	14.1%
Economically Disadvantaged Students		75.9%	72.3%
Average Property Valuation per Student		DNS	\$98,145

Preparation, Motivation and Parental Support			
		School	District
KG-3rd Graders Receiving Reading Remediation		30.7%	34.8%
Average Number of Days Absent per Student (based on 175 school days)		11.0	10.2
Mobility Rate (Incoming Students)		7.2%	6.3%
Student Suspension Rate (Higher Number is Better)			
	There was 1 suspension (of 10 days or less) for every __ students	None	49.5
	There was 1 suspension (of more than 10 days) for every __ students	None	125.4
Parents Attending Parent/Teacher Conference		95%	87%
Patrons' Volunteer Hours per Student		1.7	0.6

Classroom and Administration Characteristics			
		School	District
Fall Enrollment		419	1,881
Average Enrollment throughout the year (ADM)		422	1,873
% of Students Eligible for Free/Reduced Lunch		75.9%	72.3%
% of Students Identified as Gifted/Talented		6.7%	22.0%
% of Students as English Language Learners (ELL)		15.8%	9.6%
% of Students in Special Education		14.3%	18.7%
Non-Special Ed. Teachers (Based on Full Time Equivalent, FTE)			
	Number of Teachers	24.5	111.2
	Average Salary (w/ Fringe)	\$51,292	\$50,672
	% of Teachers with Advanced Degree(s)	8.2%	17.2%
	Average Years of Experience	14.1	14.3
Special Education Teachers (FTE)		2.0	16.0
Counselors (FTE)		1.0	5.0
Other Certified Professional Staff (FTE)		4.0	14.3
Administrators (FTE)		1.0	9.0
Teachers per Administrator		26.5	14.1
Average Salary (w/ Fringe) per Administrative FTE		\$86,480	\$91,372

The mathematics department at ABC Middle School is having their first meeting of the school year. The main item on their agenda is to look at their State mathematics test scores from the previous year. Below is the data they were asked to examine.

8th Grade Math						
	Mean OPI	% in Each Performance Level				Prof+Adv
		Below	Basic	Proficient	Advanced	
		%	%	%	%	%
State	265	61	23	10	6	16
Anywhere Middle School	265	62	24	11	2	13
American Indian/Alaskan Native	263	65	22	8	5	13
American Indian/Alaskan Native	259	74	19	6	0	6
Asian	291	35	21	18	27	45
Asian	274	50	12	28	0	38
Black/African American	250	80	14	4	2	6
Black/African American	268	40	20	40	0	40
Economically Disadvantaged	257	71	19	6	3	9
Economically Disadvantaged	264	64	21	12	3	15
ELL	244	87	10	2	1	3
ELL	245	100	0	0	0	0
FAY	266	60	23	10	6	16
FAY	266	61	25	12	2	14
Female	266	60	24	10	5	15
Female	270	54	27	14	3	17
Hispanic/Latino	258	70	20	7	3	10
Hispanic/Latino	258	69	31	0	0	0
IEP	241	88	9	2	1	3
IEP	236	94	6	0	0	0
Male	265	62	22	9	7	16
Male	259	70	21	7	1	8
NFAY	248	81	13	4	2	6
NFAY	253	85	15	0	0	0
Not Economically Disadvantaged	275	49	27	14	10	24
Not Economically Disadvantaged	265	60	29	10	1	11
Not IEP	270	56	26	11	7	18
Not IEP	268	59	26	12	2	14
White	271	54	26	12	8	20
White	270	58	26	12	3	15

- What are some patterns you see in this data set?
- What question(s) do these data bring up?
- What further types of data would be needed to answer your question(s)?
- What types of actions could be taken to solve problems identified in this data set?

One group of teachers wondered if looking at math data from the elementary school could add any insight to the problems they see with student achievement. Below is another data set they were able to access.

4th Grade Math						
	Mean OPI	% in Each Performance Level				Prof+Adv
		Below	Basic	Proficient	Advanced	
		%	%	%	%	%
State	285	35	32	20	13	33
Anywhere Middle School	297	18	32	33	17	50
American Indian/Alaskan Native	283	36	35	19	11	30
American Indian/Alaskan Native	295	26	31	26	17	43
Asian	301	19	28	27	27	54
Asian	303	12	28	36	24	60
Black/African American	263	63	25	8	3	11
Black/African American	290	0	75	25	0	25
Economically Disadvantaged	276	45	32	15	7	22
Economically Disadvantaged	293	22	34	30	13	43
ELL	271	52	32	12	4	16
ELL	292	21	36	36	7	43
FAY	285	34	32	20	13	33
FAY	297	17	31	34	17	51
Female	282	37	33	18	11	29
Female	296	18	33	32	18	50
Hispanic/Latino	276	45	33	15	7	22
Hispanic/Latino	284	24	48	19	10	29
IEP	265	60	25	10	5	15
IEP	284	39	29	25	7	32
Male	287	33	30	21	15	36
Male	297	18	31	35	16	51
NFAY	267	58	24	13	5	18
NFAY	286	27	47	20	7	27
Not Economically Disadvantaged	296	22	31	26	21	47
Not Economically Disadvantaged	303	11	29	38	23	61
Not IEP	289	29	34	22	15	37
Not IEP	298	15	32	35	18	53
White	292	26	32	24	17	41
White	296	18	29	38	15	53

- What additional information does this data set provide?
- What other questions does this data set bring up?