

Tutoring Program Data

November 8th, 2010

Reflecting...

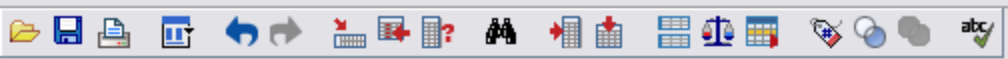
- What do you think the data will show?
- How do you think it will compare with last years data?

Compiling the Data

- Look at the data collection forms
- How would you compile the data on these forms to get meaningful information?

How the Data Were Compiled

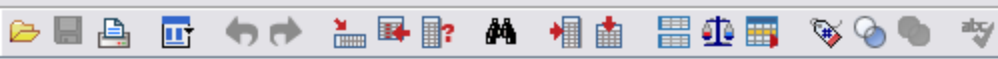
- It's always more messy than you think it will be
- Some data are better for use with Excel while other data are better for use with SPSS, etc.
- Columns? Rows?
- Enter two or three sheets and then see if you can calculate what you need to calculate!



5: Attendance

3.0

	Stu dent L...	Stu dent Fi...	Attendance	MATH	Science	Humanities	SocialStudies	ForeignLanguage	PhysedHealthDriversEd	Total
1		H...	1	1	.	.	.	.	.	.
2	A...	Li...	1	.	.	1	.	.	.	.
3	A...	M...	1	1	.	.	.	.	.	.
4	A...	D...	2	2	.	.	.	.	.	.
5	A...	C...	3	3	.	.	.	.	.	.
6	A...	Siti	3	3	.	.	.	.	.	.
7	B	J...	1	1	.	.	.	.	.	.
8	B...	K...	1	1	.	.	.	.	.	.
9	B...	J...	1	1	.	.	.	.	.	.
10	B...	C...	2	2	.	.	.	.	.	.
11	B...	S...	1	1	.	.	.	.	.	.
12	B...	R...	1	1	.	.	.	.	.	.
13	B...	S...	1	1	.	.	.	.	.	.
14	B...	H...	1	.	1	.	.	.	.	.
15	B...	B...	1	.	.	1	.	.	.	.
16	C...	K...	1	1	.	.	.	.	.	.
17	C...	R...	1	.	.	1	.	.	.	.
18	C...	S...	1	.	1	.	.	.	.	.
19	D...	A...	1	1	.	.	.	.	.	.
20	D...	N...	1	.	.	1	.	.	.	.
21	Fi...	N...	1	1	.	.	.	.	.	.
22	F...	S...	1	.	.	.	1	.	.	.
23	F...	P...	1	.	.	1	.	.	.	.
24	F...	E...	2	2	.	.	.	.	.	.
25	H...	D...	1	1	.	.	.	.	.	.
26	H...	L...	2	5	.	2	.	.	.	.



1 : Teacher 36.0

	Teacher	Subject	SpecificSubject	VocabReading Strategies	StudySkills Notes	ConceptsThemes	OrganizingInformation	LabReports	ProblemSolv
1	36	6	.	.	.	.	.	.	.
2	36	6	.	.	.	.	.	.	.
3	41	1	3	.	.	.	.	.	.
4	30	1	12	.	.	.	.	.	.
5	30	1	12	.	.	.	.	.	.
6	43	2	8	.	.	.	.	1	.
7	5	1	3	.	.	.	.	.	.
8	15	1	3	.	.	.	.	.	.
9	15	1	3	.	.	.	.	.	.
10	15	1	3	.	.	.	.	.	.
11	1	1	1	.	.	.	.	.	.
12	44	6	.	.	.	1	1	.	.
13	5	1	3	.	.	.	.	.	.
14	5	1	3	.	.	.	.	.	.
15	8	1	3	.	.	.	.	.	.
16	8	1	3	.	1	.	.	.	.
17	30	1	12	.	.	.	.	.	.
18	45	6	.	.	.	1	.	.	.
19	46	2	4	.	.	1	.	1	.
20	41	1	1	.	.	.	.	.	.
21	47	6	13	1	.	1	.	.	.
22	48	1	.	.	.	.	.	.	.
23	23	1	12	.	.	.	.	.	.
24	8	1	1	.	.	.	.	.	.
25	8	1	1	.	.	.	.	.	.
26	1	1	3	.	.	.	.	.	.



	Name	Type	Width	Decimals	Label	Values	Missing	Columns	Align	Measure
1	Teacher	Numeric	8	0		{1, Pluskota...	None	8	Right	Scale
2	Subject	Numeric	8	0		{1, Mathem...	None	8	Right	Scale
3	SpecificSub...	Numeric	8	0		{1, Geometr...	None	8	Right	Scale
4	VocabReadi...	Numeric	8	0		None	None	8	Right	Scale
5	StudySkills...	Numeric	8	0		None	None	8	Right	Scale
6	ConceptsTh...	Numeric	8	0						
7	Organizingl...	Numeric	8	0						
8	LabReports	Numeric	8	0						
9	ProblemSol...	Numeric	8	0						
10	ResearchSo...	Numeric	8	0						
11	WritingMec...	Numeric	8	0						
12	WritingCont...	Numeric	8	0						
13	MathModel...	Numeric	8	0						
14	MathProble...	Numeric	8	0						
15	MathTheory...	Numeric	8	0						
16	Multiplicato...	Numeric	8	0						
17	FractionsPe...	Numeric	8	0						
18	EquationsF...	Numeric	8	0						
19	Grammar	Numeric	8	0		None	None	8	Right	Scale
20	OralPractice	Numeric	8	0		None	None	8	Right	Scale
21	Translation...	Numeric	8	0		None	None	8	Right	Scale
22										
23										
24										
25										

Value Labels

Value Labels

Value:

Label:

Spelling...

- 1 = "Pluskota"
- 2 = "Drennan"
- 3 = "Torrios"
- 4 = "Jankauskis"
- 5 = "Severino"
- 6 = "Gunderson"
- 7 = "Perry"

Add Change Remove

OK Cancel Help

Here are the Data!

- What story do you think they tell?
- What do you learn from these data?

Let's Look...

Student Attendance

- 124 sessions
 - 200 sessions last year
- 78 students
 - 90 students last year
- Student with highest attendance came 9 times
 - 16 times last year
- Most students (86%) came once or twice
- 9, 7, 5, 4, 4, 3, 3, 3, 3, (then 2's and 1's)
 - Last year, most students (80%) also came only once or twice

Student Attendance

- Most students (91%) came for one subject over time
 - This is a 11% increase from last year
- Two students came for 3 categories of subjects over time
- 5 students came for 2 subject categories over time

FYI:

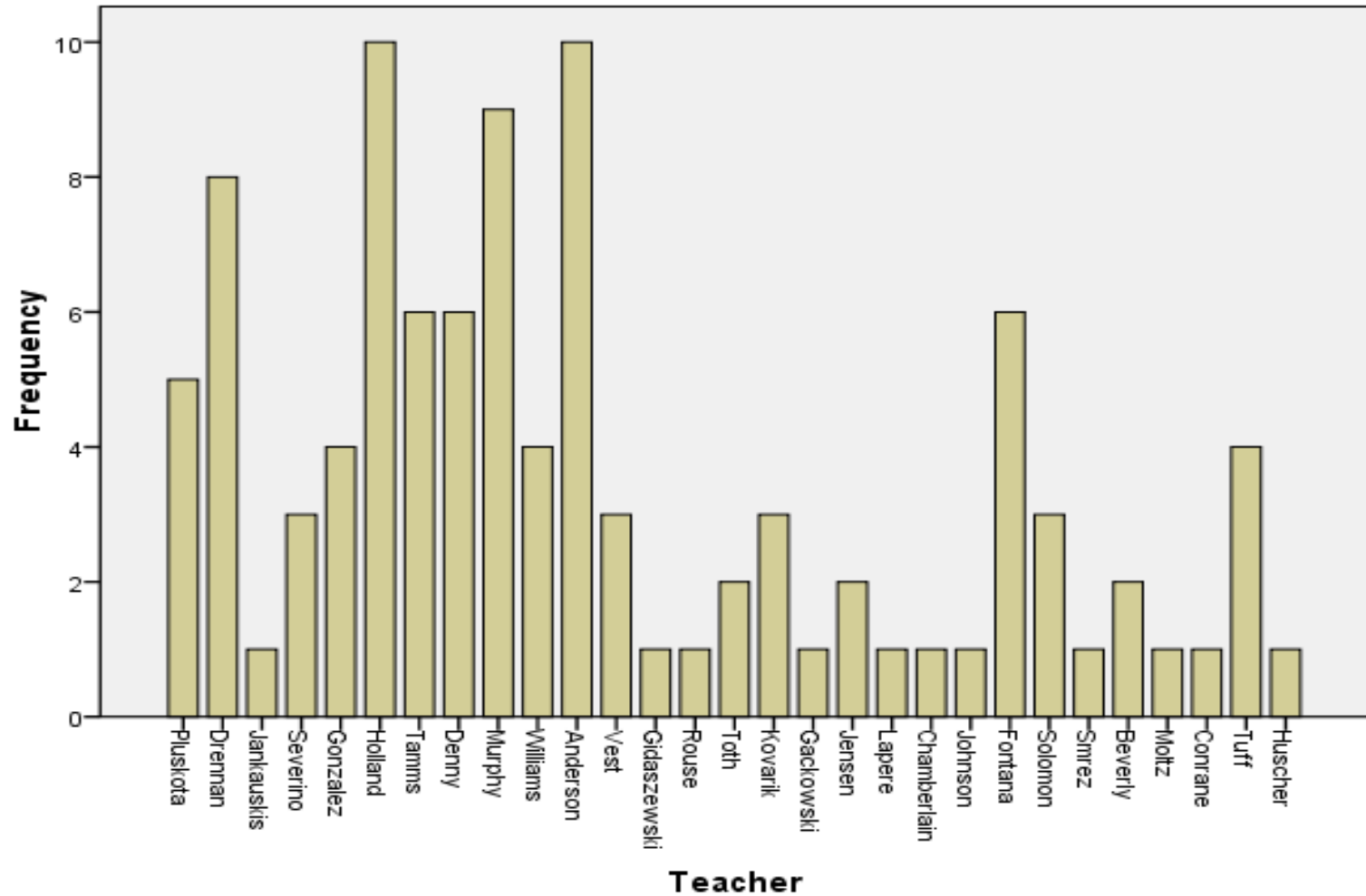
- Last year, 1 student came for 4 or 5 categories over time
- 12 students came for 2 subject categories over time

Teachers Represented

- 29 teachers total...
- Last year: 40 teachers

		Teacher			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Pluskota	5	4.2	5.0	5.0
	Drennan	8	6.7	7.9	12.9
	Jankauskis	1	.8	1.0	13.9
	Severino	3	2.5	3.0	16.8
	Gonzalez	4	3.3	4.0	20.8
	Holland	10	8.3	9.9	30.7
	Tamms	6	5.0	5.9	36.6
	Denny	6	5.0	5.9	42.6
	Murphy	9	7.5	8.9	51.5
	Williams	4	3.3	4.0	55.4
	Anderson	10	8.3	9.9	65.3
	Vest	3	2.5	3.0	68.3
	Gidaszewski	1	.8	1.0	69.3
	Rouse	1	.8	1.0	70.3
	Toth	2	1.7	2.0	72.3
	Kovarik	3	2.5	3.0	75.2
	Gackowski	1	.8	1.0	76.2
	Jensen	2	1.7	2.0	78.2
	Lapere	1	.8	1.0	79.2
	Chamberlain	1	.8	1.0	80.2
	Johnson	1	.8	1.0	81.2
	Fontana	6	5.0	5.9	87.1
	Solomon	3	2.5	3.0	90.1
	Smrez	1	.8	1.0	91.1
	Beverly	2	1.7	2.0	93.1
	Moltz	1	.8	1.0	94.1
	Conrane	1	.8	1.0	95.0
	Tuff	4	3.3	4.0	99.0
	Huscher	1	.8	1.0	100.0
	Total	101	84.2	100.0	
Missing	System	19	15.8		
Total		120	100.0		

Teachers Represented

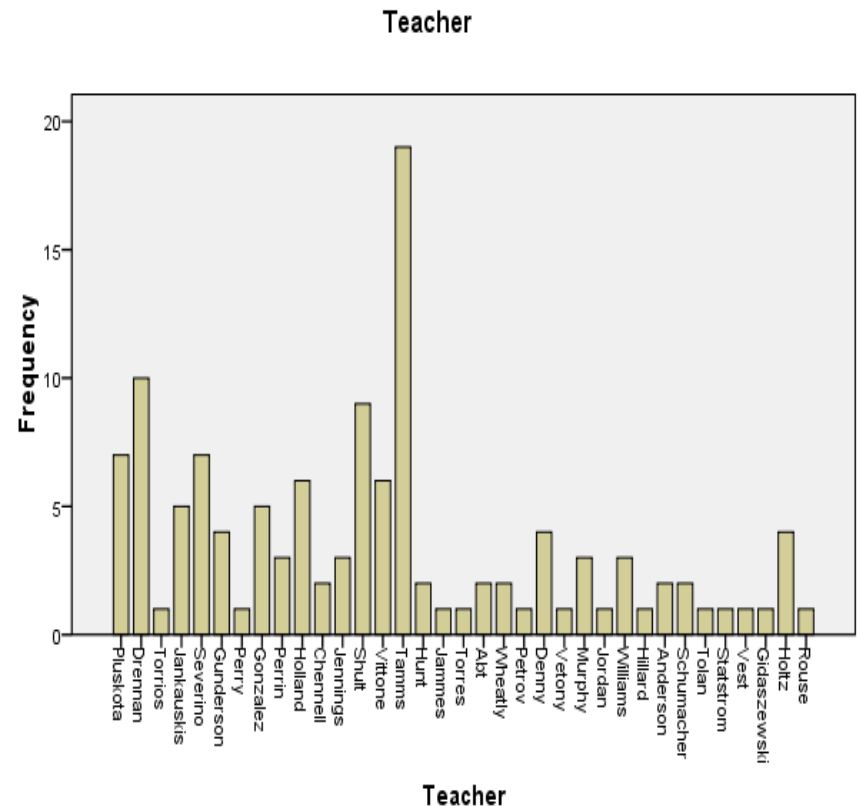


Teachers Represented

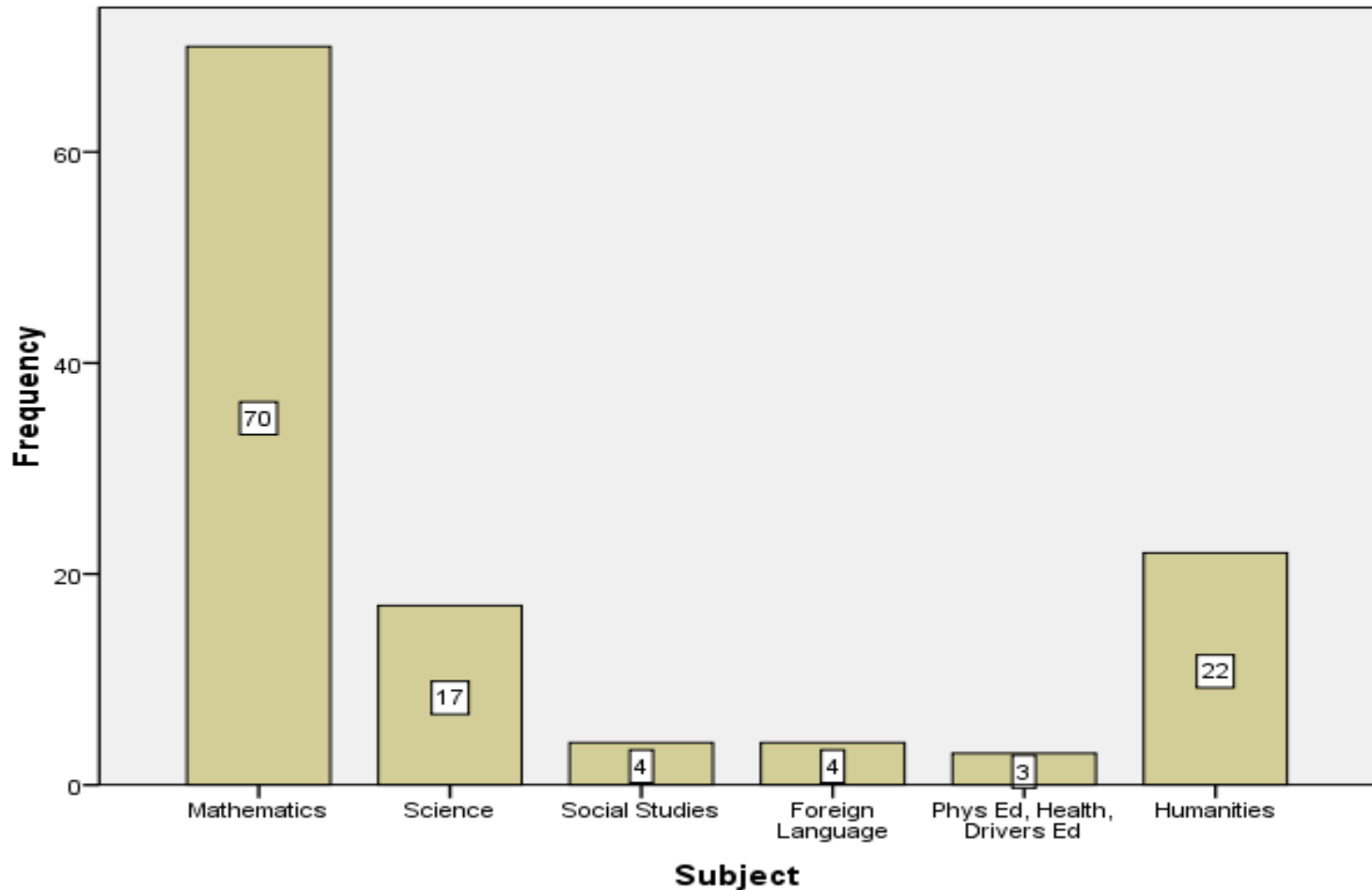
Interesting pattern change from last year...

- Even though more teachers were represented last year, the 29 teachers that are referring students this year are referring **more** students
- The teacher that referred the most students last year was Tamms
- The top three teachers this year are Holland, Anderson, and Murphy
- These teachers referred few students last year

Last year's data:

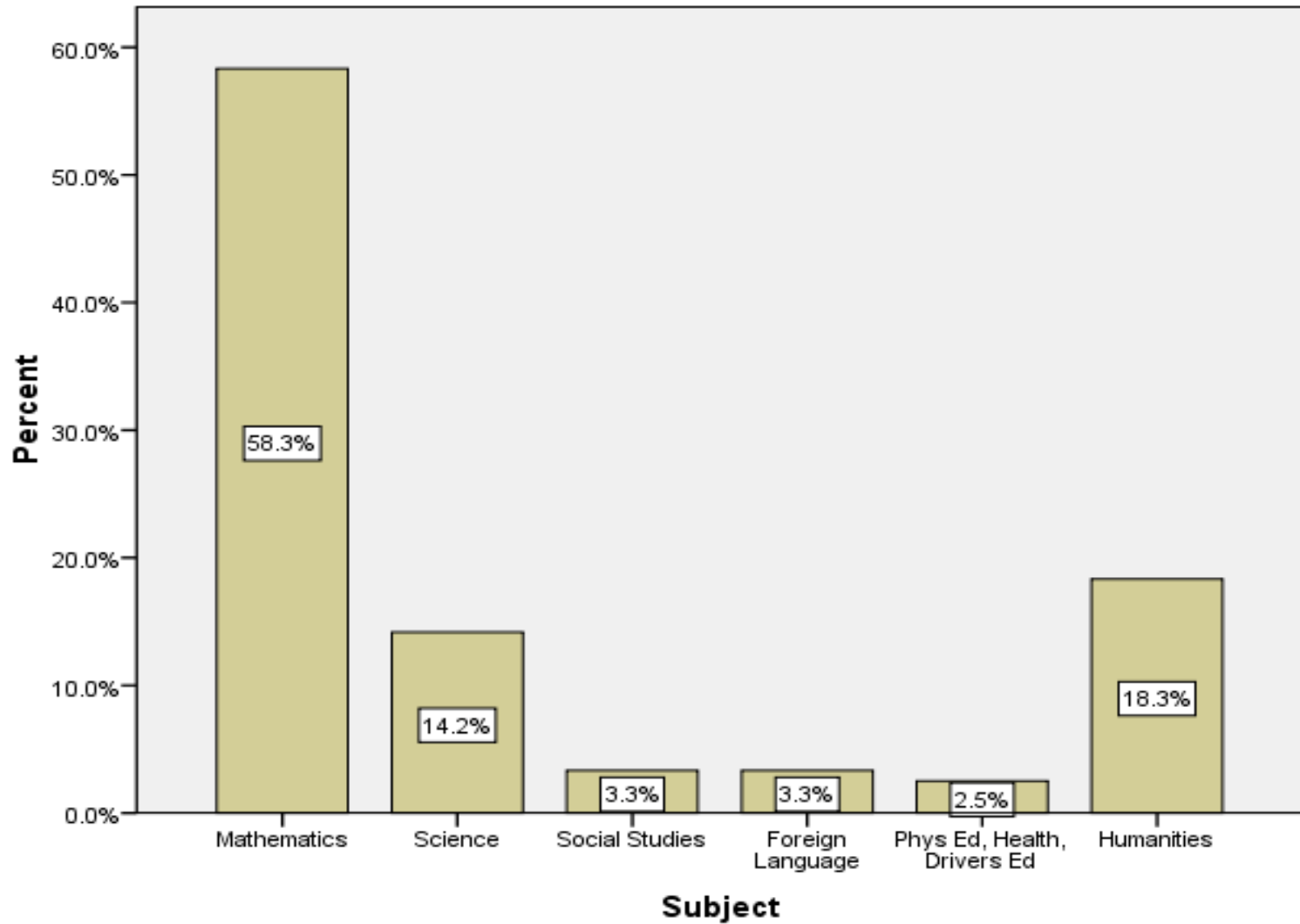


Subject (Frequency)

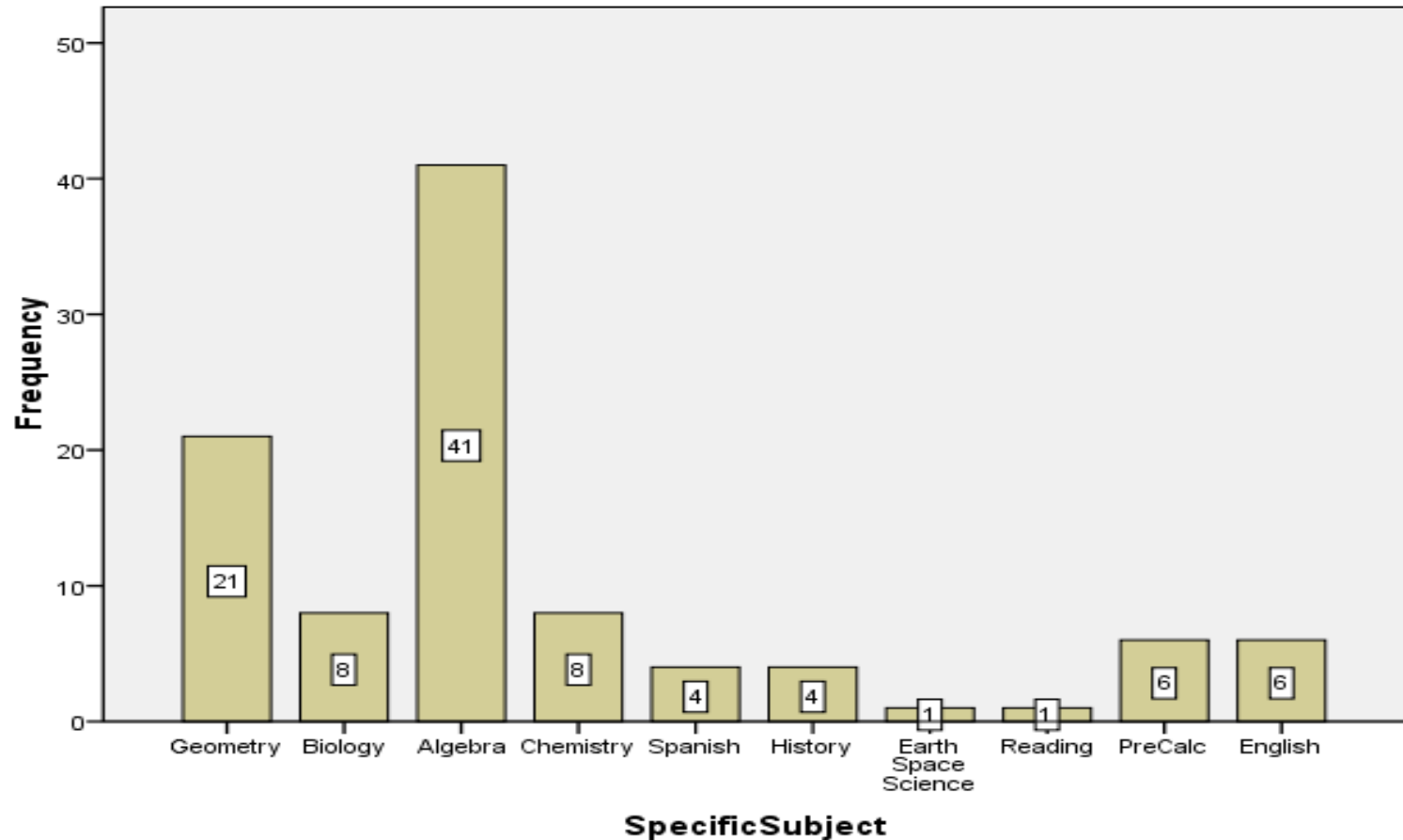


***A similar trend was found last year: Mathematics – 88 Science – 29 Humanities – 14**

Subject (Percentage)

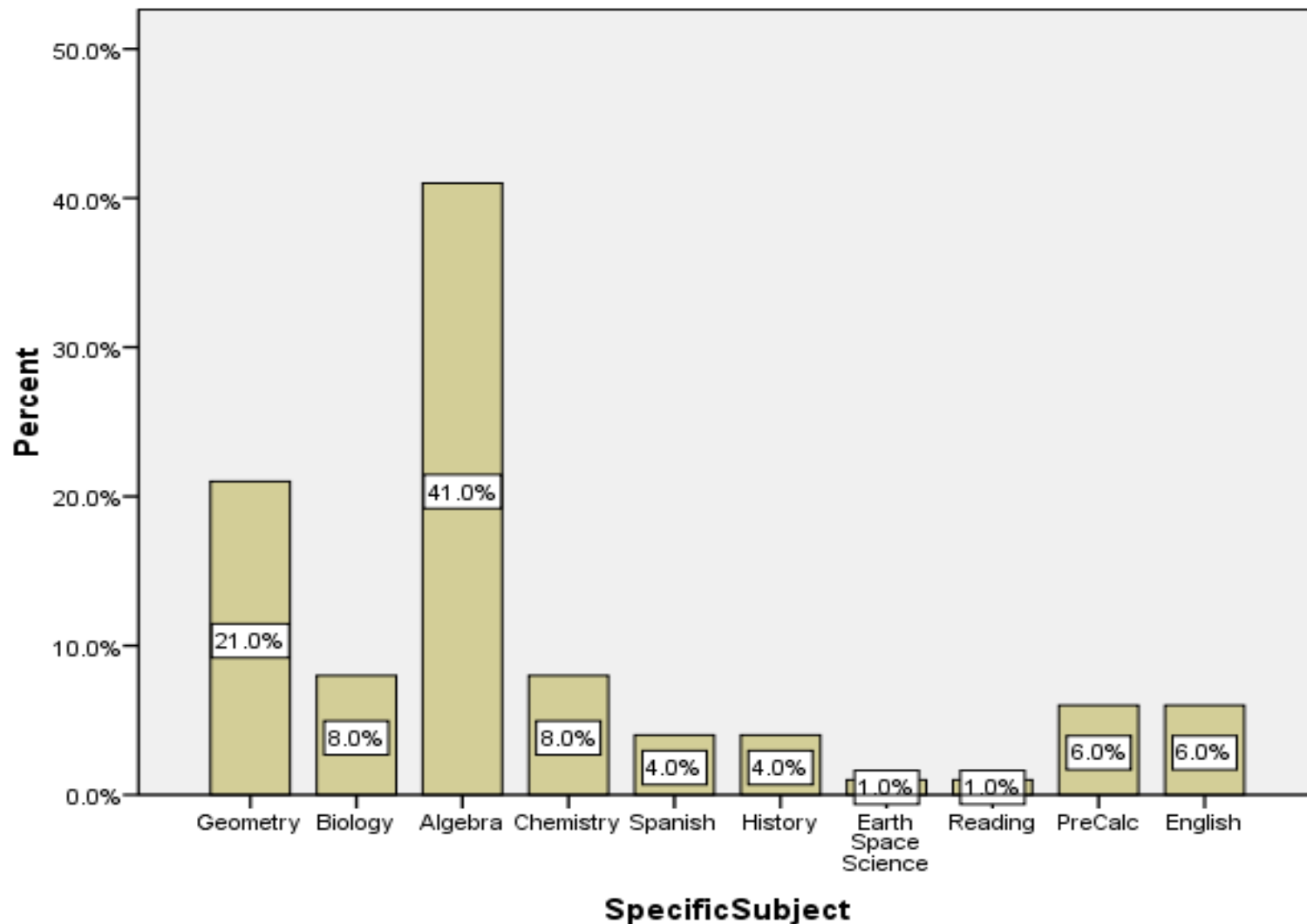


Specific Subject (Frequency)



***Algebra (43), Geometry (22), Biology (22), and Spanish (15) were the four most frequent subjects last year.**

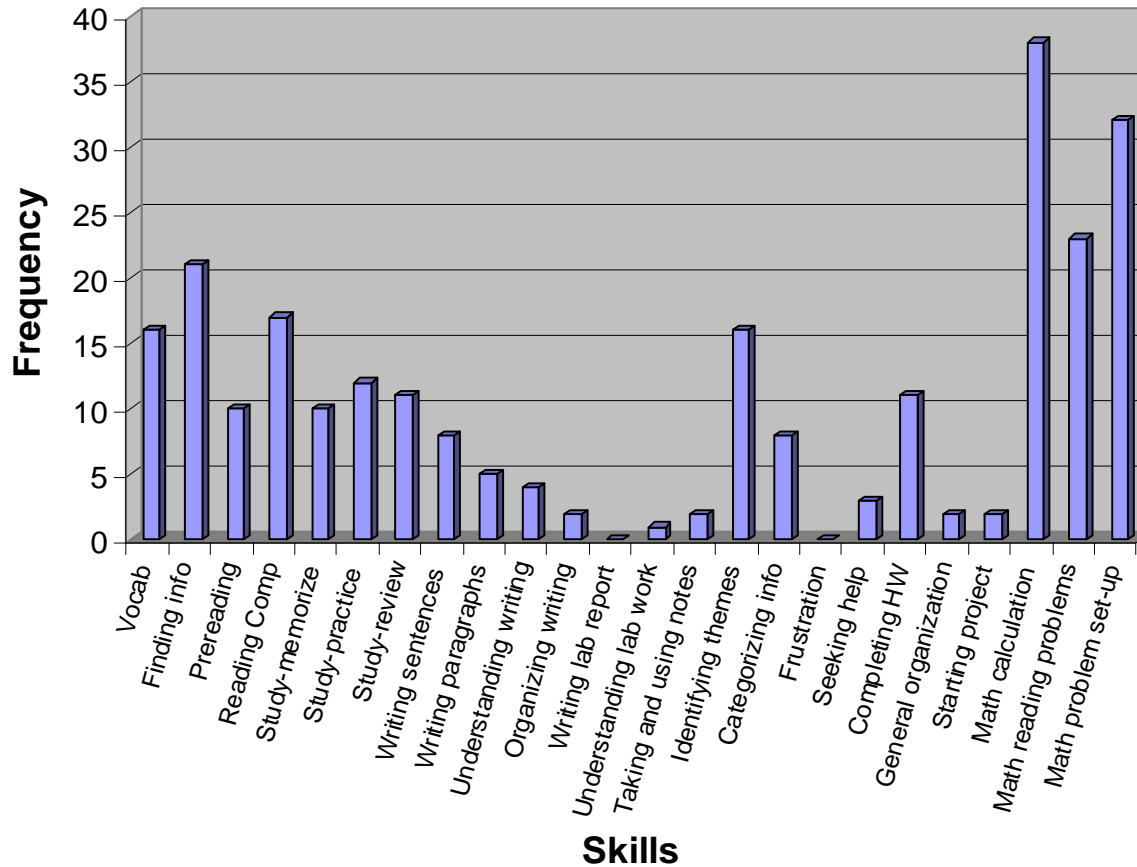
Specific Subject (Percentage)



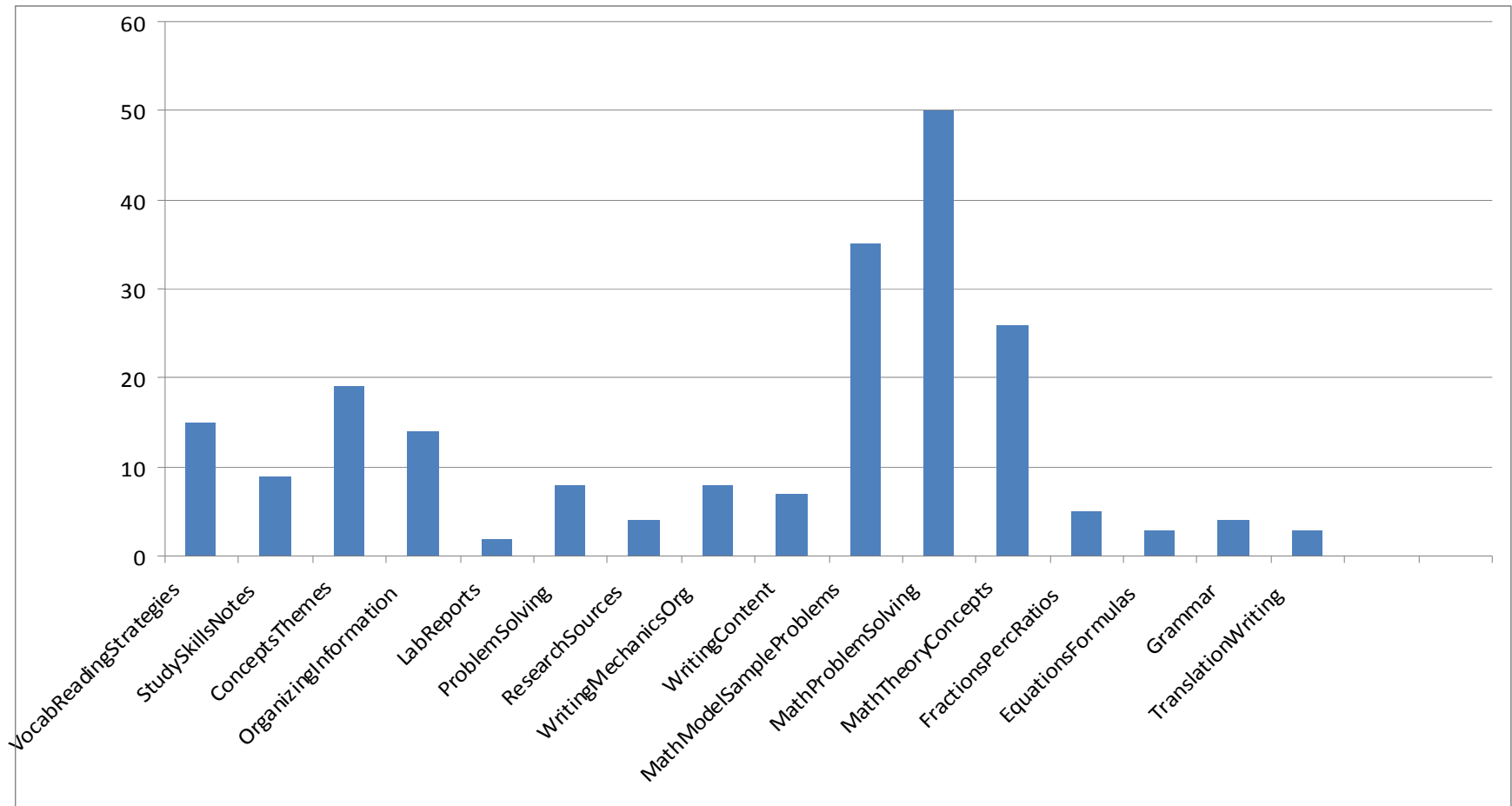
From Tally Sheet

DHS Tutoring Skills Taught

*Trend was almost identical to last years, with Math Calculation being the most frequent skill taught. Math reading problems and Math Problem Set-up were the 2nd and 3rd most frequent skills taught.



From Individual Sheet



*This trend was also identical to last years. Math Problem Solving, Math Model Sample Problems, and Math Theory Concepts were the most frequent type of support sought.

Brainstorm!!

An Example Conclusion

- Most students have only attended once.
 - What story does that tell?
 - Does it tell us we need to work on repeat business? Or, does it tell us that we are getting a large “customer” pool in the early stages of the program? Good news or bad news??