



Drive Your Data

Webinar

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Workshop Objectives

 To help SCC counselors be more effective in their practice

 To help SCC counselors be more comfortable looking at and working with data

 To provide ideas on how to share data with stakeholders to drive decisions





TO GET TO KNOW MY STUDENTS BETTER AS PEOPLE SO I CAN DO A BETTER JOB OF HELPING THEM TO BECOME LIFELONG LEARNERS.







2

ASCA National Model

Comprehensive in Scope
Preventive in Design
Developmental in Nature
Integral Part of the Total Education

Integral Part of the Total Educational Program

Designs a Delivery System Conducted in Collaboration Monitors Student Progress

Driven by Data

Seeks Improvement Shares Successes



DATA!

- "It seems so overwhelming, I have no idea, what DATA I am supposed to be collecting and using!"
- "I don't understand how to use data in school counseling."
- "What kind of data do they want?"
- "Data doesn't measure what we do!"
- "When will I have time to collect and analyze data?"
- "We collect data, I just don't know if it is the right stuff."



Data	Data Source	Where I Can Gather data			
Standardized testingCMASAccess/CELA	CDE Website - Schoolview	PrincipalInstructional coachInfinite campusNaviance			
Purchased Curriculum/Testing SAT/PSAT	ACT/Collegeboard)	Testing CoordinatorPrincipalSOARS			
The school's yearly goals and plan for achieving the goals	The school's <u>UIP</u>	•Principal			
Attendance, Discipline, Grades, Assessment Data, Course Enrollment Patterns	Student Information Systems (Infinite Campus, Powerschool, SASI etc.) System/Administrators	Infinite CampusAssistant PrincipalAttendance SecretarySpecial Ed./ILP/ELL			
ICAP'sCareer pathwaysFirst generationFuture plans/goals	CIC, Naviance, Paper copy	•Naviance •College in Colorado			



Data	Data Source	
Systems analysis	Discipline, Grading Scale Policy, Promotion, Retention, School Safety Surveys	Infinite Campus Surveys Needs assessments Evaluation of school policies and practices
Counselor Interactions	You! (notes, email, phone log)	Microsoft Outlook
Student, Faculty, and Family Needs	Surveys, <u>Needs Assessments</u>	Make your voice heard survey Tell survey
Pre-Post Tests	Given before and after an intervention to determine knowledge gained or to measure a change in perspective	
SES info.	Check school, sometimes confidential	



Disaggregation of Data

What is disaggregation?

- Disaggregation: To break up or to break apart
 - http://www.thefreedictionary.com/Disaggregation
- What are different ways that we can disaggregate data? We can look at data in so many ways, comparing any given variable (i.e. grade distribution) by different criteria.
 - Grade
 - Gender
 - Race/ethnicity
 - Attendance rate
 - IEP/ILP
 - 504



Why disaggregate data?

If we effectively disaggregate data, we can identify trends and/or areas for which intervention is necessary.

- Achievement gaps between different populations
- Troubling grade distribution patterns by teacher, course, section, etc.
- Grade distribution for students with different attendance patterns



Using Data to Uncover Inequities

Ask questions....

- What do I want to know about my school's ability to educate all students?
- What questions do I have about my students?, My school community?
- What concerns you about your data?
- Does an achievement gap exist? Where?
- What additional information do you need?
- What should you focus on? What data should you collect?





Where to get results data

Ad Hoc reports through your student information systems

- Talk to your registrar, counseling secretary, IT department, and/or other personnel who consistently work with data to learn how to run reports.
- Generally, once you create a report, you only need to tweak it a bit each time new grades are run.



What to do with reports once I have run them?

 Most reporting features allow you to download reports into Microsoft Excel.

Excel has amazing sorting capabilities.

 The most amazing of them all are "pivot tables."



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A closer look at real data

Let's look at an actual report reflecting grades from a specific grading period at a real area high school.

We will look at grade distribution by grade, gender, ethnicity, and attendance rate.



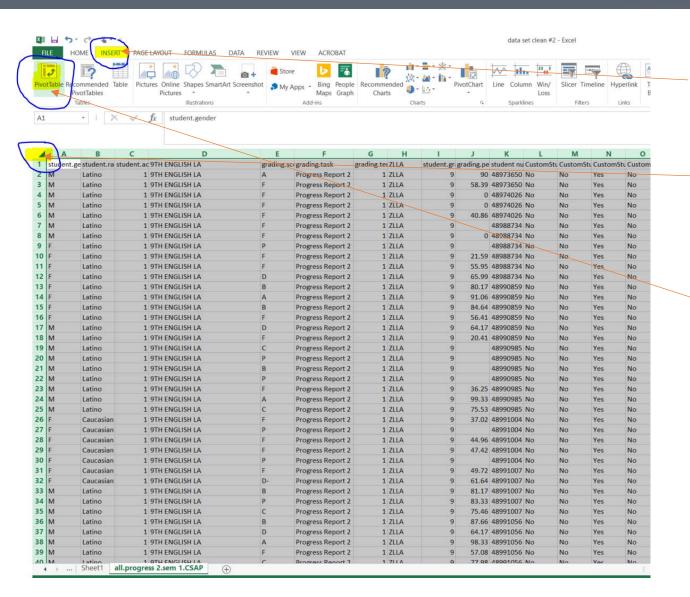
How to create a pivot table (Slide 1 of 8)

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Start with a data set exported into Excel (usually as a CSV file)



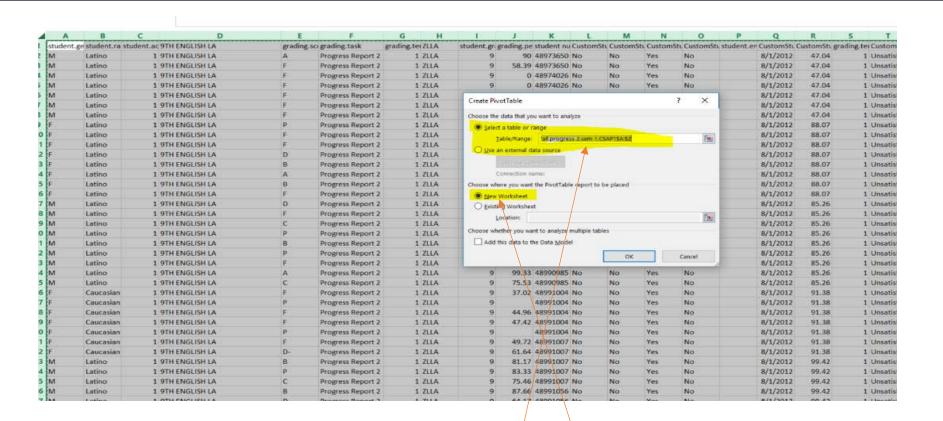
How to create a pivot table (Slide 2 of 8)



- 1. Go to the Insert tab
- Select all cells in the sheet by clicking the box on the upper left corner
- 3. Select the Pivot Table button



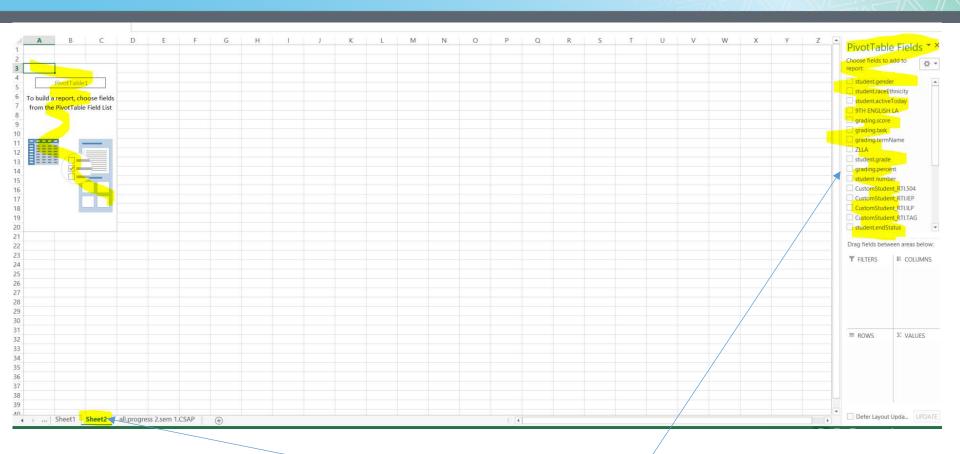
How to create a pivot table (Slide 3 of 8)



This dialog box will appear. It shows that all of the cells in the sheet are selected and that it will open the pivot table in a new sheet.



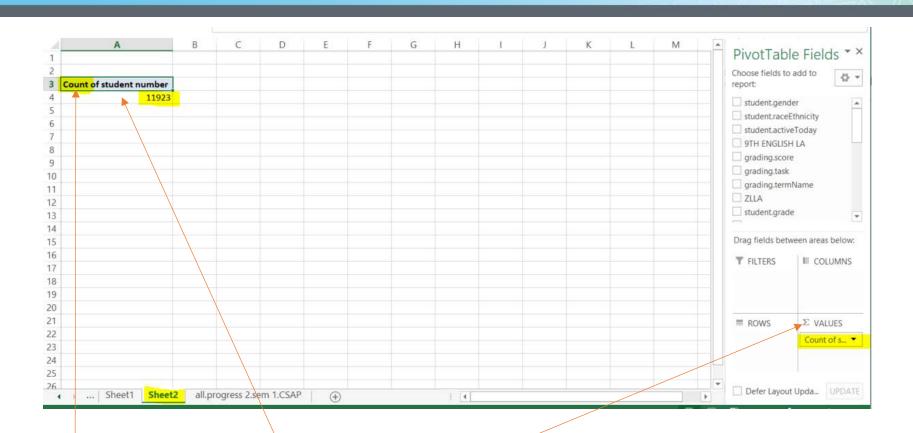
How to create a pivot table (Slide 4 of 8)



This screen will appear in a new sheet. Notice that all of the headers in your original data set now appear under "PivotTable fields."



How to create a pivot table (Slide 5 of 8)

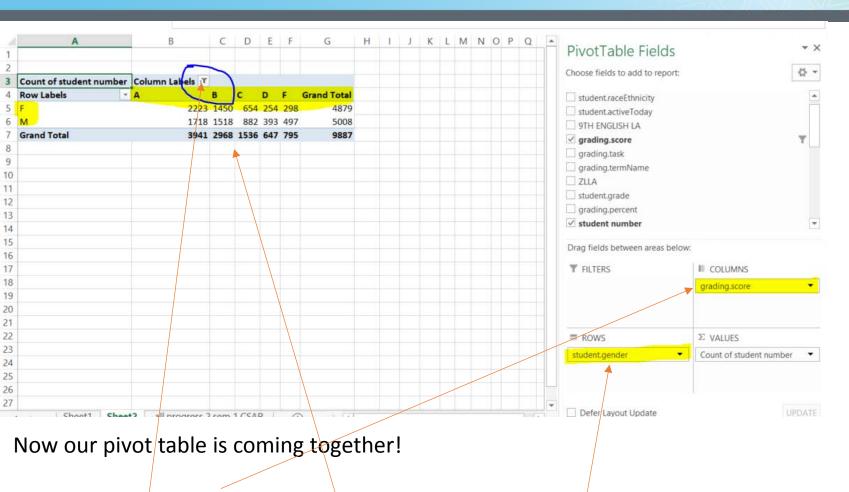


We have pulled the student number into the values field. Notice that it is the "count" of student numbers (equal to the total number of individual lines in the data set.

If this comes up with a ridiculously large number, it might be "sum" of student count. Right click on the field and change this to count.



How to create a pivot table (Slide 6 of 8)

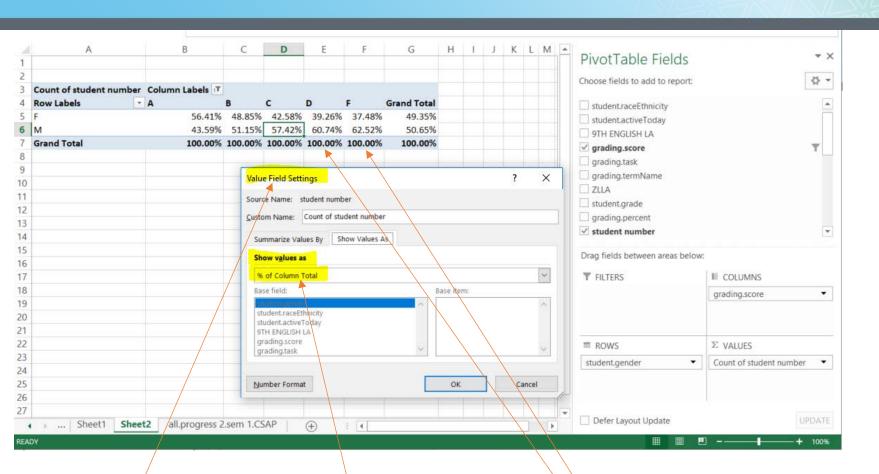


We have grading score in the "column" field and student gender in the "rows" field. This is showing the total number of individual grades by gender.

Use the filter box to select only the grades you want to display.



How to create a pivot table (Slide 7 of 8)

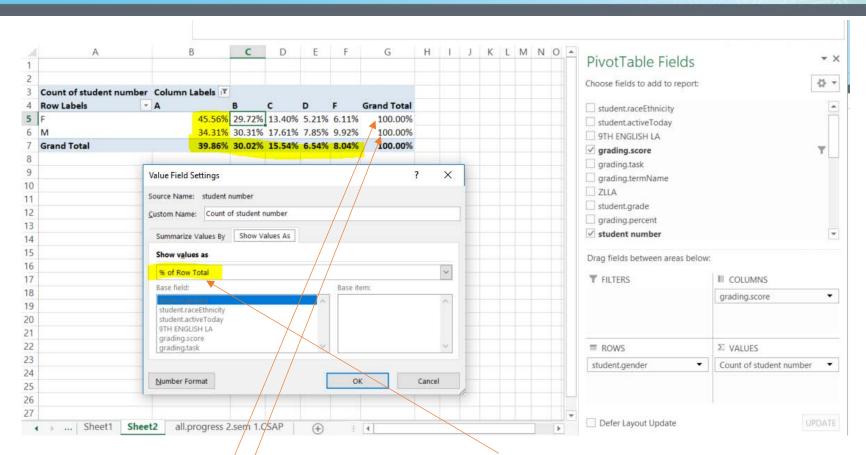


The "value field settings" dialog box is your best friend in pivot tables. Access it by right clicking over your data and selecting "field settings."

This screen shows values as "% of column." The % add up to 100% going down.



How to create a pivot table (Slide 8 of 8)



"Value field settings" again. This one shows "% of row total" where the columns add up to 100% horizontally.

Each of these setting provides new information and new ways to look at the data.



Questions you can answer using this data set and pivot tables

- How does grade distribution differ between genders, ethnic groups, course, etc?
- How do grades and standardized test scores correlate?
- What is the difference in performance between students on IEPs and those not on IEPs? 504s?
- How does attendance rate affect course performance?

AND MANY OTHERS!



Action steps to consider....

What data do I need to collect?

What data will I track?

What are my action steps and timeline?

To whom will I present this data?



Data share goal

In the chat box, please write a goal:

By the end of this school year, (my team and) I will extract type of data to create a pivot table to answer the following question:
 I/We will acquire this data through process





Have Questions, Need More Help? Contact me....

	Contact information
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