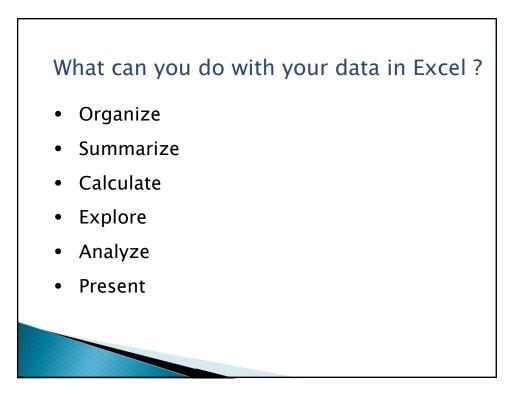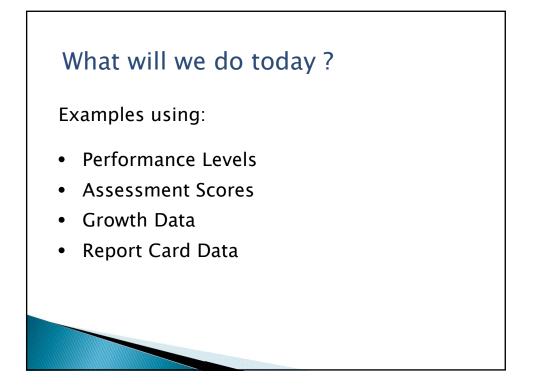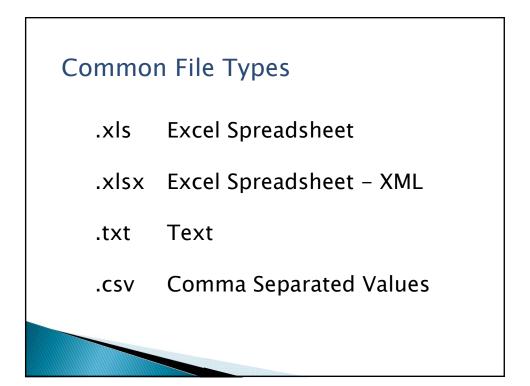# Data Analysis with Excel

David Scalzo
Sr. Coordinator
Data Analysis & Support

Erie 1 BOCES
WNYRIC

What can you do with your data in Excel ?

- Organize

- Summarize

- Calculate

- Explore

- Analyze

- Present

What will we do today ?

Examples using:

- Performance Levels
- Assessment Scores
- Growth Data
- Report Card Data

Common File Types

.xls   Excel Spreadsheet

.xlsx   Excel Spreadsheet – XML

.txt   Text

.csv   Comma Separated Values

Statewide Grade 3 to 8 Data

http://www.p12.nysed.gov/irs/pressRelease/20140814/home.html

- Background Information:
  - News Release Memo
  - ELA and Math Presentation (4MB)
- Media File Grades 3-8 ELA and Mathematics. These results are based on all students who participated in 2014 (Unmatched Data)
  Excel Version (7.8MB)
  PDF Version (4.1MB)
- District Building and County Aggregates 2014 County Aggregates - Grade 3-8 ELA and Mathematics
  Excel Version (Unmatched Data) (3.2MB)
  PDF Version (Unmatched Data) (3.2MB)

Message from Commissioner about the Grades 3-8 ELA an Test Score Release

Resources for Interpreting 3- & Mathematics Tests, Results Score Reports:

http://www.engageny.org/3-

Equating Explained FAQ

Scale Score to Performance I Conversion Charts

Item maps for Grades 3-8 EL Math

Level 1 Report
Student Assessment by Location and Subject

https://dataview.wnyric.org

Public Folders > District Reports - for Data Quality > **Verification Reports - Student & Assessment Lists/Counts**

Entries: 1

	Name ◇	Modified ◇
☐	Student Math Responses to be Reviewed	May 20, 2014 8:44:28 AM
☐	Individual Student Assessment Report by Local ID	August 12, 2014 11:10:55 AM
☐	Student Assessment List by Location & Subject	April 28, 2014 7:40:41 AM
☐	Enrollment Count at Time of Test (3-8 by Location & NCLB Subgroups)	November 12, 2013 11:50:08 AM
☐	Tested Not Tested Counts (3-8, and NYSAA, NYSESLAT, & Required Regents)	August 16, 2014 11:40:43 AM
☐	Student Assessments Administered with Test Accommodations 2012 and later	November 12, 2013 11:50:52 AM

Another Level 1 Report
Assessment Performance Level Comparisons w/gaps

https://dataview.wnyric.org

Public Folders > Accountability: Assessment Scores, Levels, Trends & Graduation Reports > **Assessment Performance Excel Exports**

	Name ◇
☐	Assessment Performance Level Comparison (w/gaps to BOCES, RIC, Region)

State Report Card Data

https://data.nysed.gov

PUBLIC DATA ACCESS SITE

State Report Card Data – MS Access

Level 2 Report:
High School Accountability

https://dataview.wnyric.org

Public Folders > L2RPT Reports - SEDDAS > **Accountability**

Level 2 Report:
SIRS 101 HS Accountability Report

https://dataview.wnyric.org

Estimated Performance Index:

((Level2s+Level3s+Level3s+Level4s+Level4s) x 100)/
Accountability Cohort Enrollment

Growth Score Data

Growth Score Data

Id	Name	Actions	Description	Date Created	Removable On Date	Last Modified Date
102063	1. 2013-14 Graduation Rate Reasonableness Report	Download File	Show Description	09/09/2014 11:35 AM		
95148	2011-12 & 2012-13 COMBINED ELA & MATH UNADJUSTED STUDENT GROWTH PERCENTILE - DISTRICT	Download File	Show Description	07/30/2014 01:11 PM		
95149	2011-12 & 2012-13 COMBINED ELA & MATH UNADJUSTED STUDENT GROWTH PERCENTILE - SCHOOL	Download File	Show Description	07/30/2014 01:12 PM		
90414	2012-13 Aspirational Performance Measure (APM) -2009 Cohort	Download File	Show Description	06/19/2014 10:18 AM		
95135	2012-13 COMBINED ELA & MATH UNADJUSTED STUDENT GROWTH PERCENTILE - DISTRICT	Download File	Show Description	07/28/2014 04:11 PM		
95147	2012-13 COMBINED ELA & MATH UNADJUSTED STUDENT GROWTH PERCENTILE - SCHOOL	Download File	Show Description	07/30/2014 01:10 PM		
90415	2012-13 Graduation Rate and Enrollment Outcomes	Download File	Show Description	06/19/2014 10:22 AM		
59541	2012-13 Statement of Confirmation of Staff Evaluation Rating Certification Report (Received List)	Download File	Show Description	10/23/2013 12:55 PM		10/29/2013 10:38 AM
98564	2013-14 4-8 Growth Scores 401501060000	Download File	Show Description	08/22/2014 11:20 AM		
100583	2013-14 9-12 Growth Scores 401501060000	Download File	Show Description	08/28/2014 08:39 PM		

Growth Score Data

Name	Date modified	Type	Size
District_4_8_Grade_401501060000.csv	9/12/2014 10:41 AM	Microsoft Excel C...	2 KB
District_401501060000.csv	9/12/2014 10:41 AM	Microsoft Excel C...	1 KB
Prin_4_8_ByGrade_401501060000.csv	9/12/2014 10:41 AM	Microsoft Excel C...	5 KB
Prin_4_8_HEDI_401501060000.csv	9/12/2014 10:41 AM	Microsoft Excel C...	2 KB
Principal-Student 4-8_401501060000.csv	9/12/2014 10:41 AM	Microsoft Excel C...	233 KB
School_4_8_ByGrade_401501060000.csv	9/12/2014 10:41 AM	Microsoft Excel C...	5 KB
School_4_8_HEDI_401501060000.csv	9/12/2014 10:41 AM	Microsoft Excel C...	3 KB
School-Student 4-8_401501060000.csv	9/12/2014 10:41 AM	Microsoft Excel C...	217 KB
Teacher_4_8_ByGrade_401501060000.csv	9/12/2014 10:41 AM	Microsoft Excel C...	9 KB
Teacher-Student 4-8_401501060000.csv	9/12/2014 10:41 AM	Microsoft Excel C...	468 KB
Teacher_4_8_HEDI_401501060000.csv	9/12/2014 10:41 AM	Microsoft Excel C...	13 KB

Questions

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