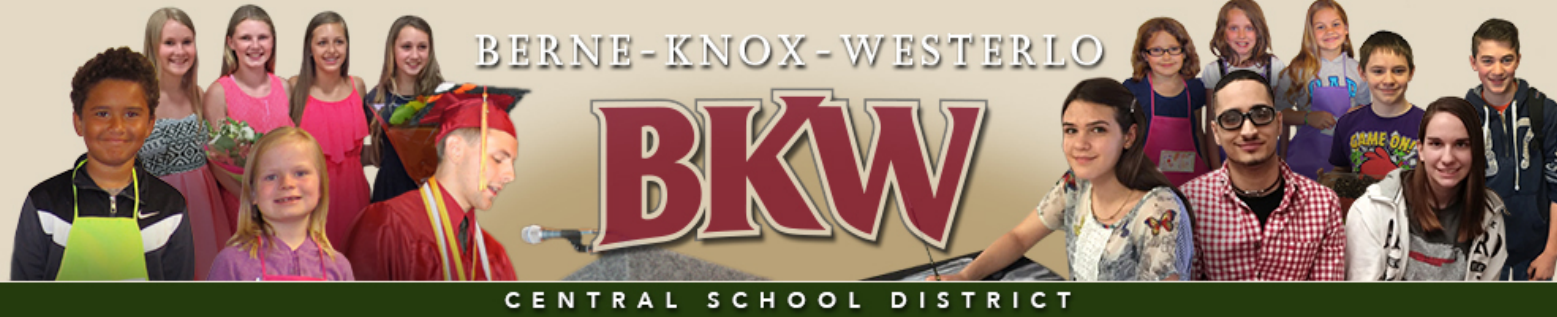


# **BKW 2018 Student Performance Data Presentation-** **“Growth Mind: Getting Results from** **Structure and Culture”**

October 9, 2018

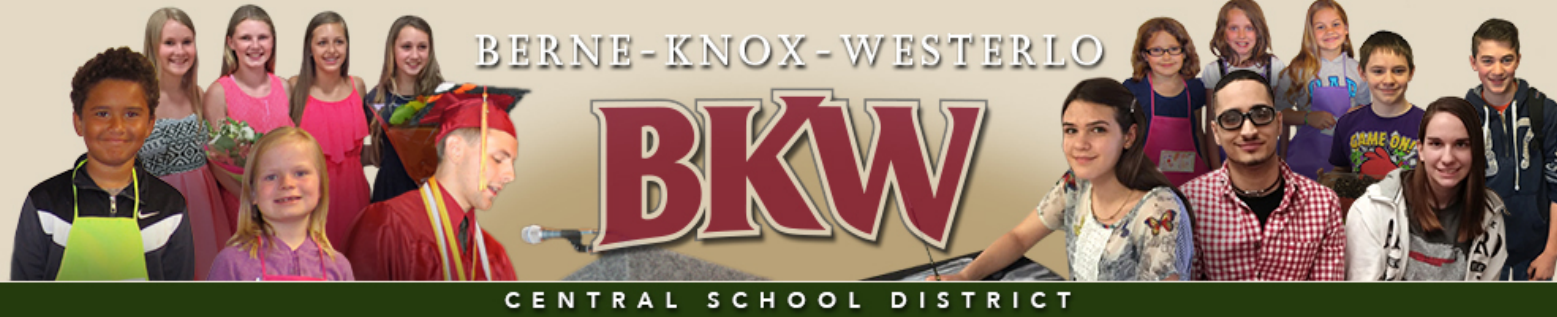
Dr. Timothy Mundell, Superintendent of Schools

*“They are because we are”*



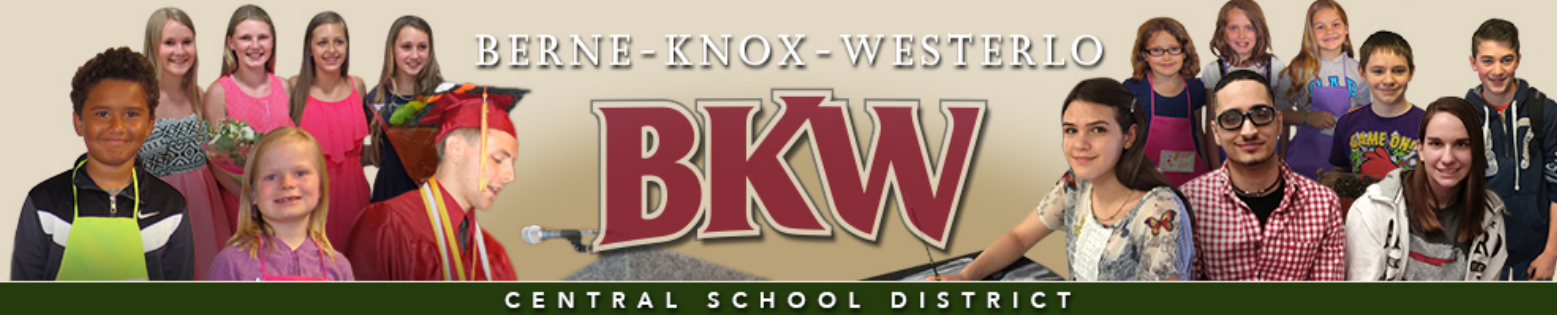
## Four data-points for student performance:

- Grades 3-8 NYS Assessment results
- Comparative Analysis over time- Local and sub-group
- Regents and AP exam results
- Graduation rate



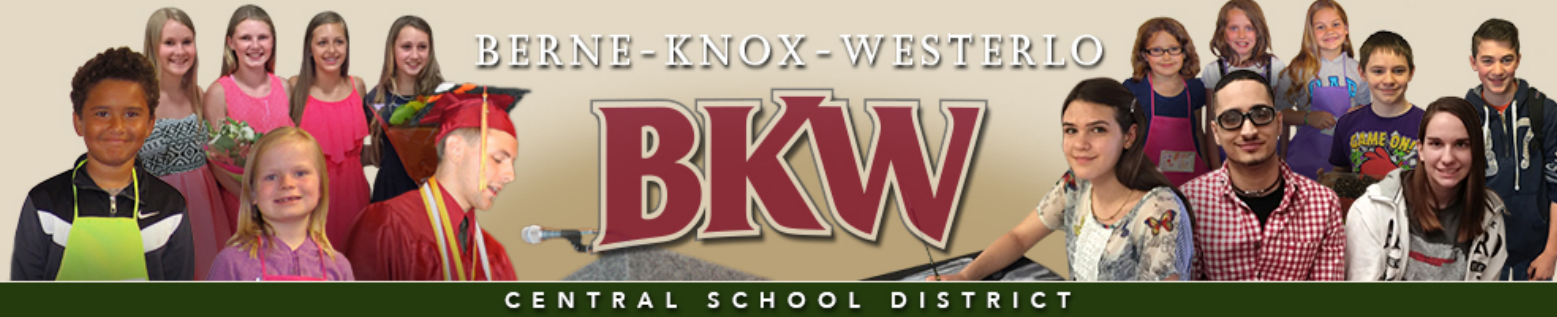
# Three long-term goals to be achieved-

1. Vibrant academic program grounded in student interests/skills and provides a pathway to life after high school
2. Facilities that are safe healthy and aligned to support the academic direction
3. Financial stability- allocation of resources to achieve these goals with minimal impact to the community



## **Vision for BKW Academic Program, PK-12**

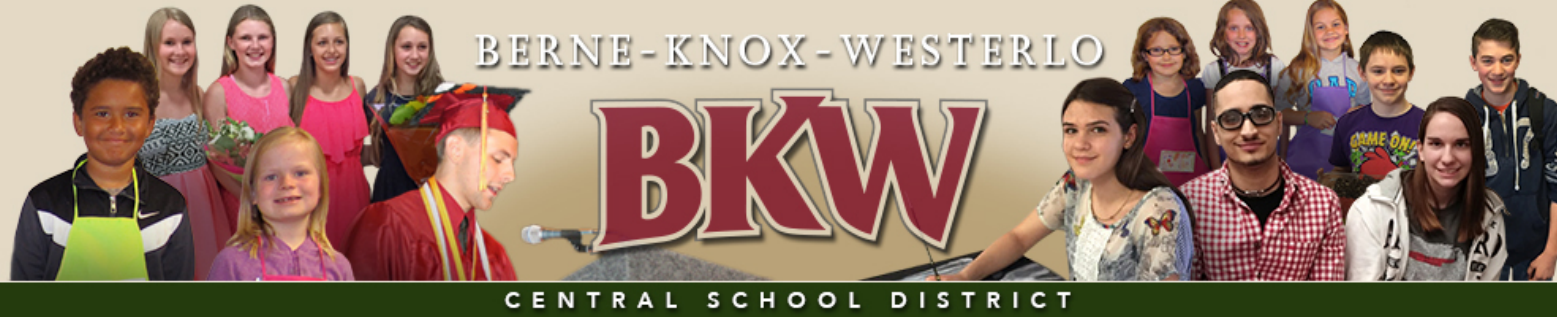
- **Whole-child centered**
- **Inclusive of all**
- **Values and teaches the importance of diversity**
- **Project-based, interdisciplinary learning**
- **Understanding of global interdependence**
- **Science as a pivot point; research as a skill set**
- **Preparation for life after high school**
- **Adults as learners while students are learning**
- **Strong community ties**



## **Regional/Similar District Analysis**

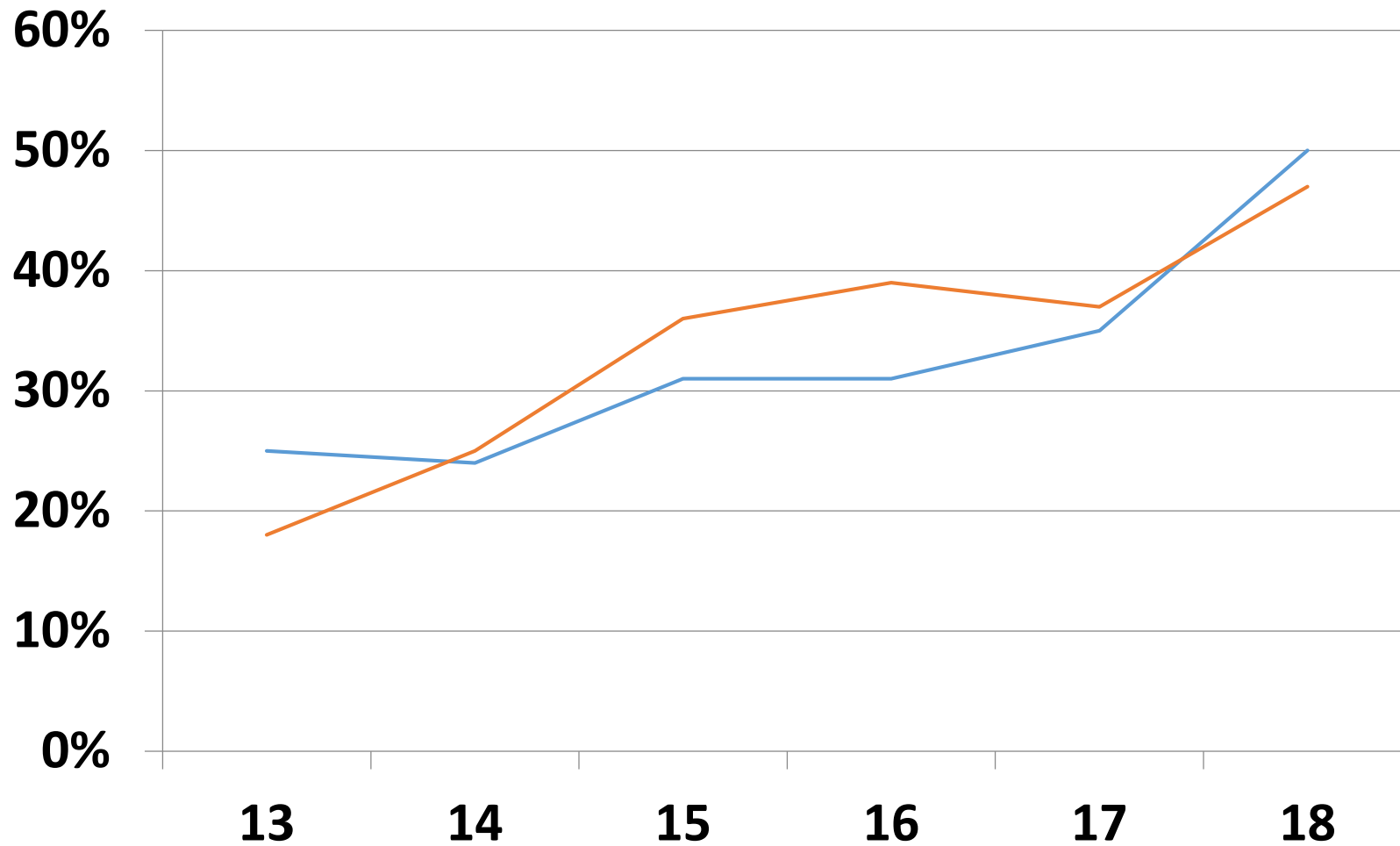
- **Identifying trends among districts with similar circumstances**
- **Creating “equity of opportunity”- Rural v. Suburban-Urban**
- **Creating equity of opportunity for sub-groups- Special Ed/  
FRPL**
- **Partnerships, networks, higher education, non-profits,  
municipalities**
- **Economic development and economies of scale**





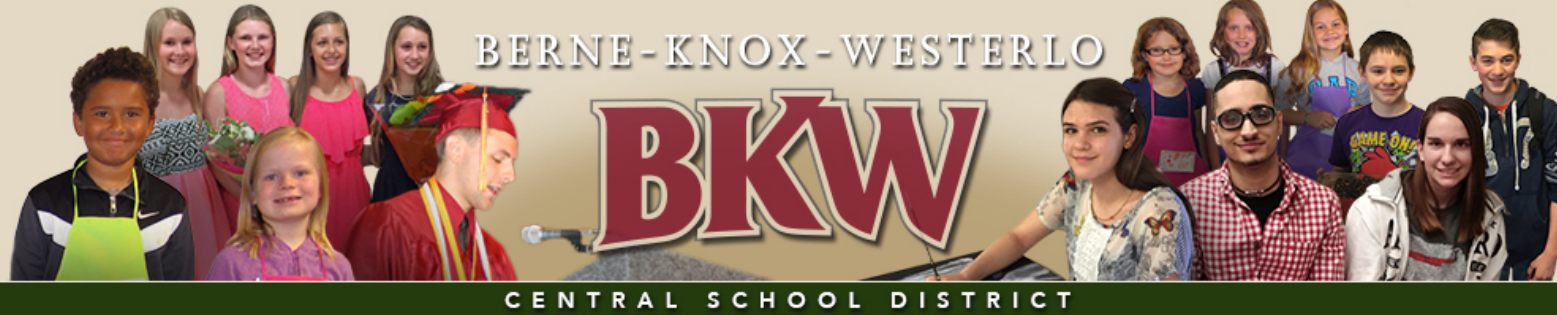
- Last year we said, “To continue growing, we must:”
- Restore parent trust in order to reduce refusals
  - Support our neediest learners
  - Inspire all students- “Aspiration”-goals, success, post-HS
  - Understand that growth leads to proficiency and mastery
  - Embrace the “All in” concept- **develop culture** and continually **reframe structure**

# BKW NYS 3-8 ELA/Math Growth, 2013-18



**ELA- 50%**  
**Math- 44%**  
**(47%)**

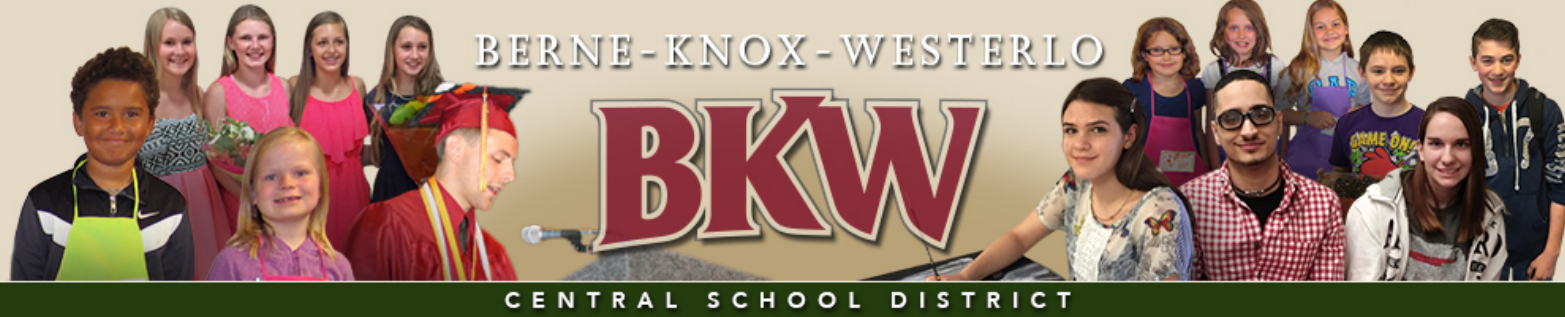
— ELA  
— Math



## **So, let's understand the data:**

- 1. ELA total proficiency is 50%**
  - Up 15 points from 2017, or 43%**
  - Up 26 points from 2014, or 108% over 5 years**
  - Leading local region and closing gaps in larger scope**
- 2. Math total proficiency is 44%- 47% when Algebra included**
  - Up 7 points from 2017, or 19%**
  - Up 27 points from 2013, or 159%**
  - Growth is consistent with growth regionally**

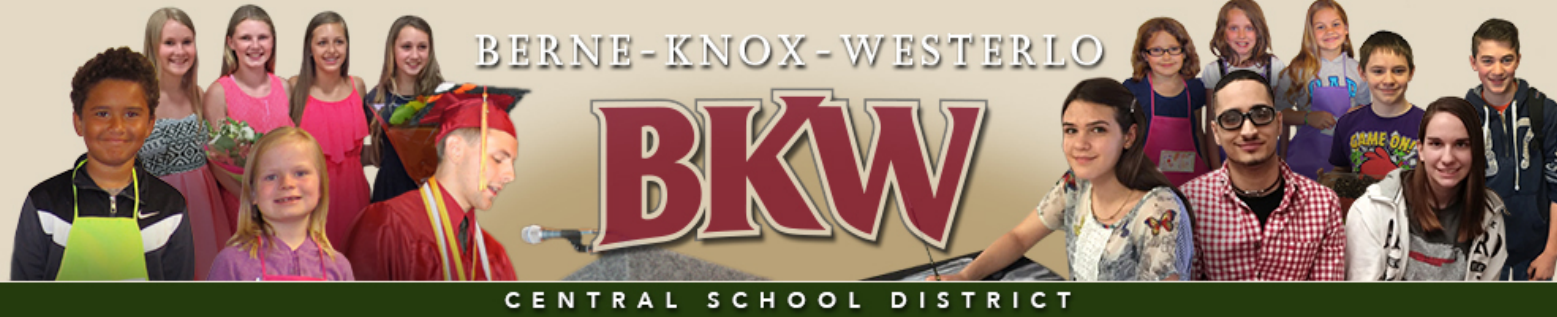




# Celebration:

- Students
- Teachers
- TA's/Aides
- Administrators
- Parents

**Congratulations!!!! Job well done...**

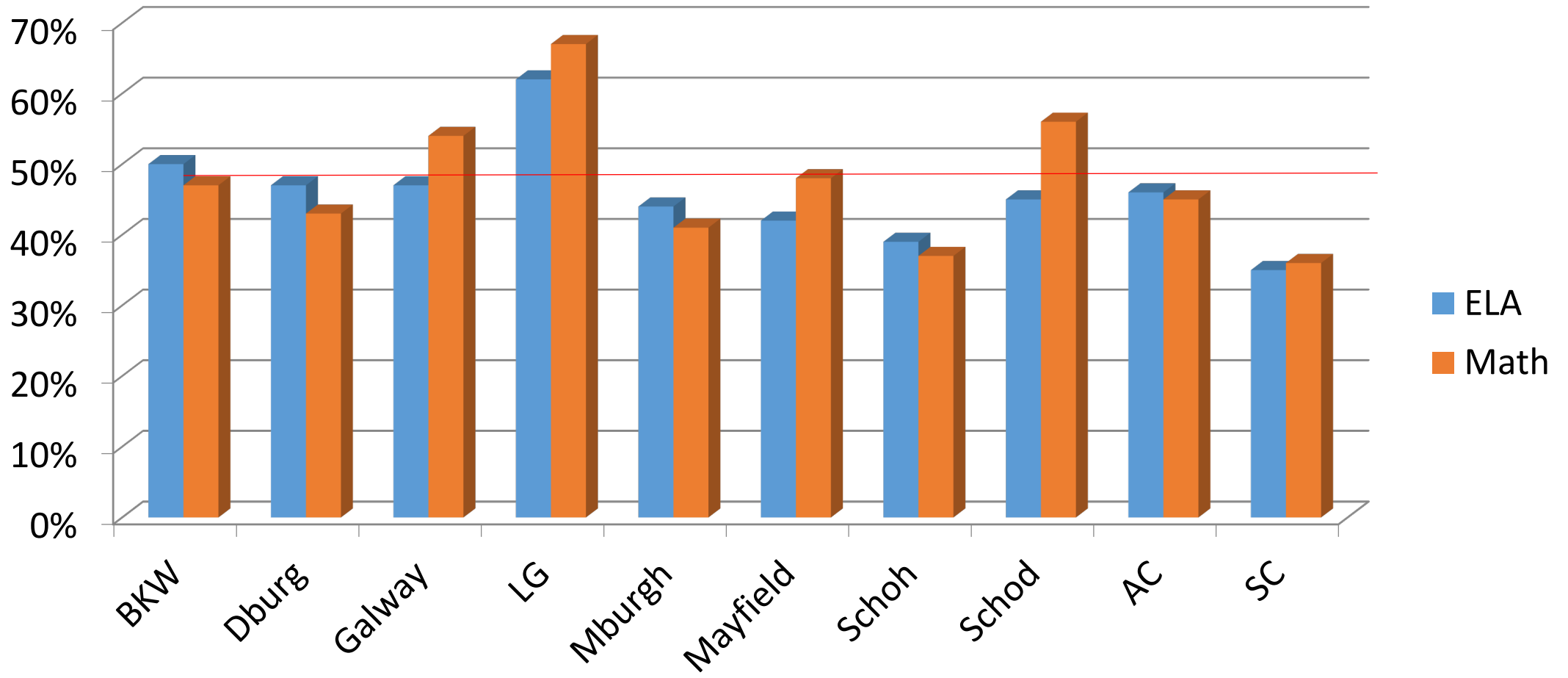


**To understand where we are, how we got here,  
and where we go next; we must dive deeper into  
the data-**

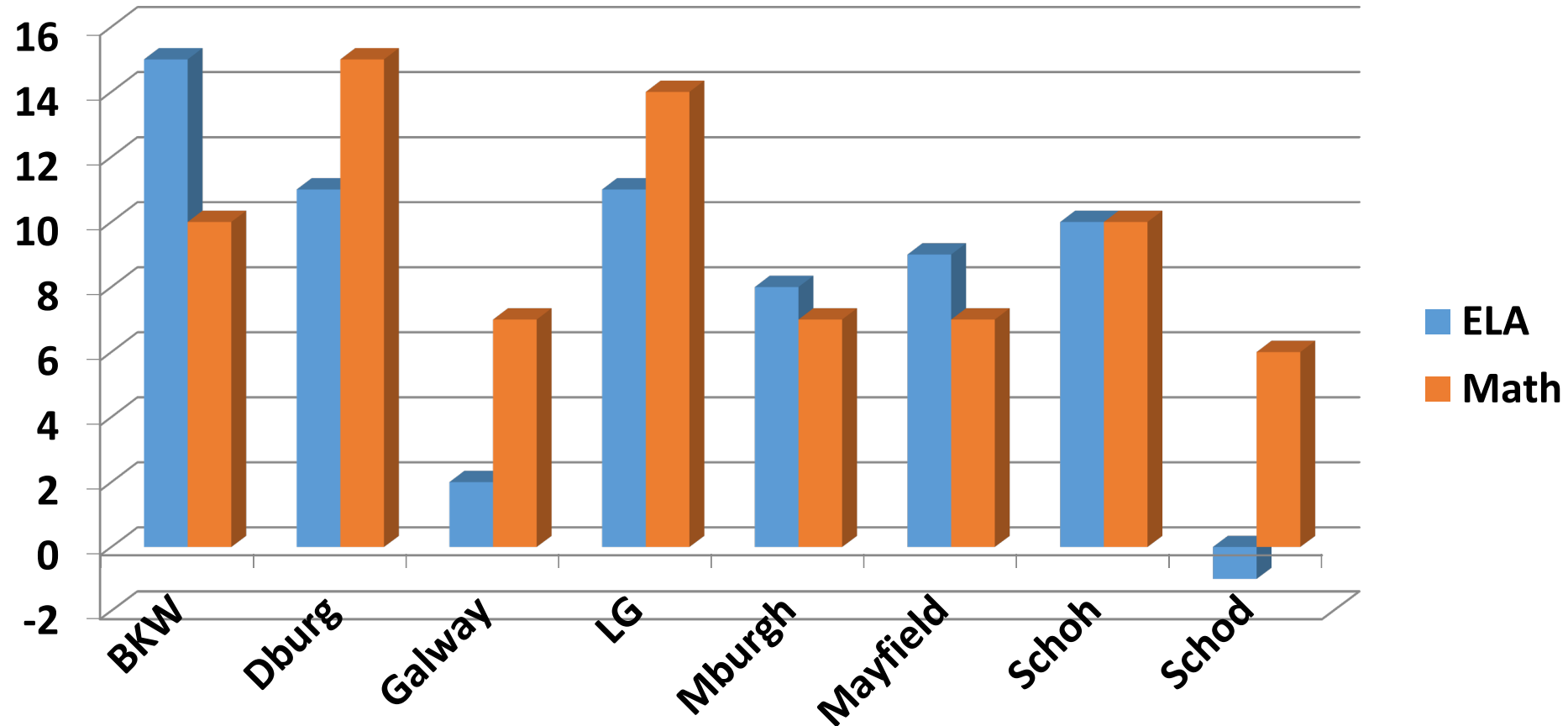
**Since all districts took same tests, we will:**

- Compare performance, and;**
- Compare growth**

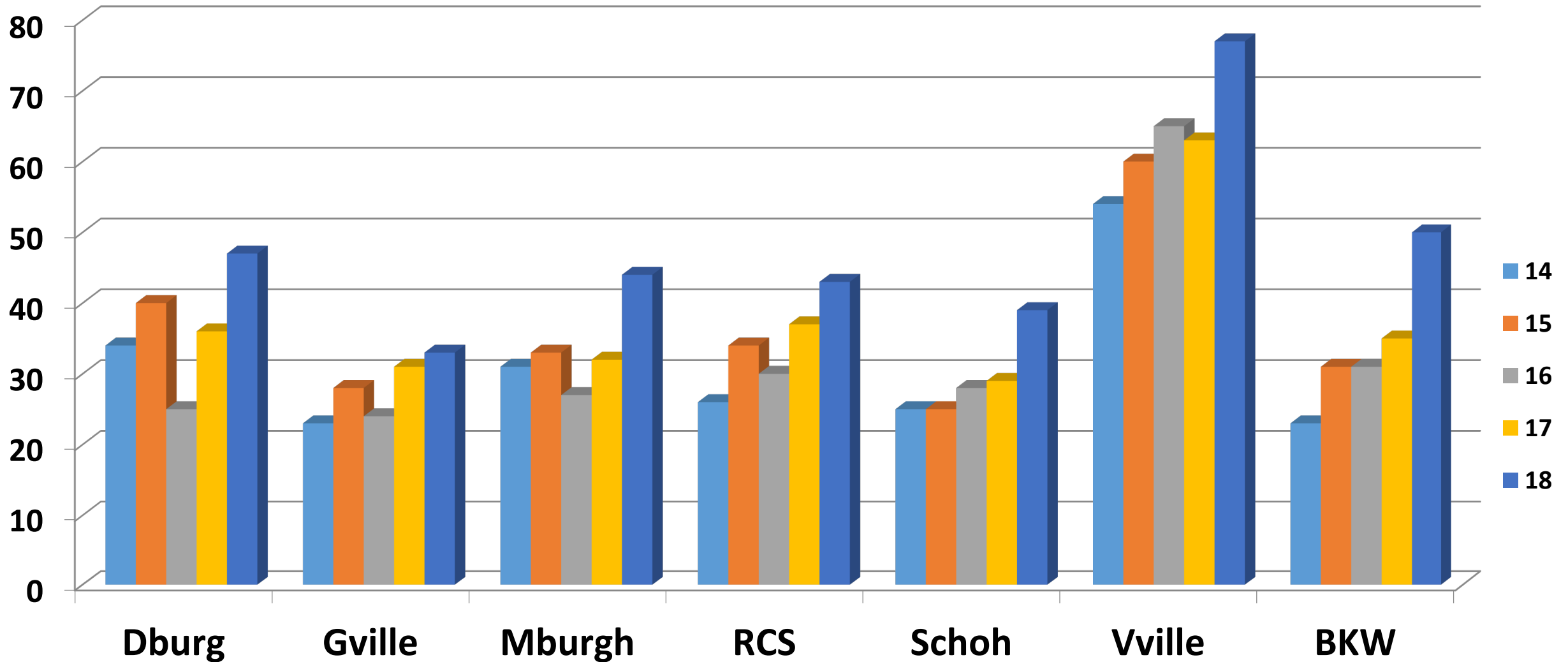
# NYS 3-8 ELA/Math Comparison, 2018



# ELA/Math Comparative Growth, 2018

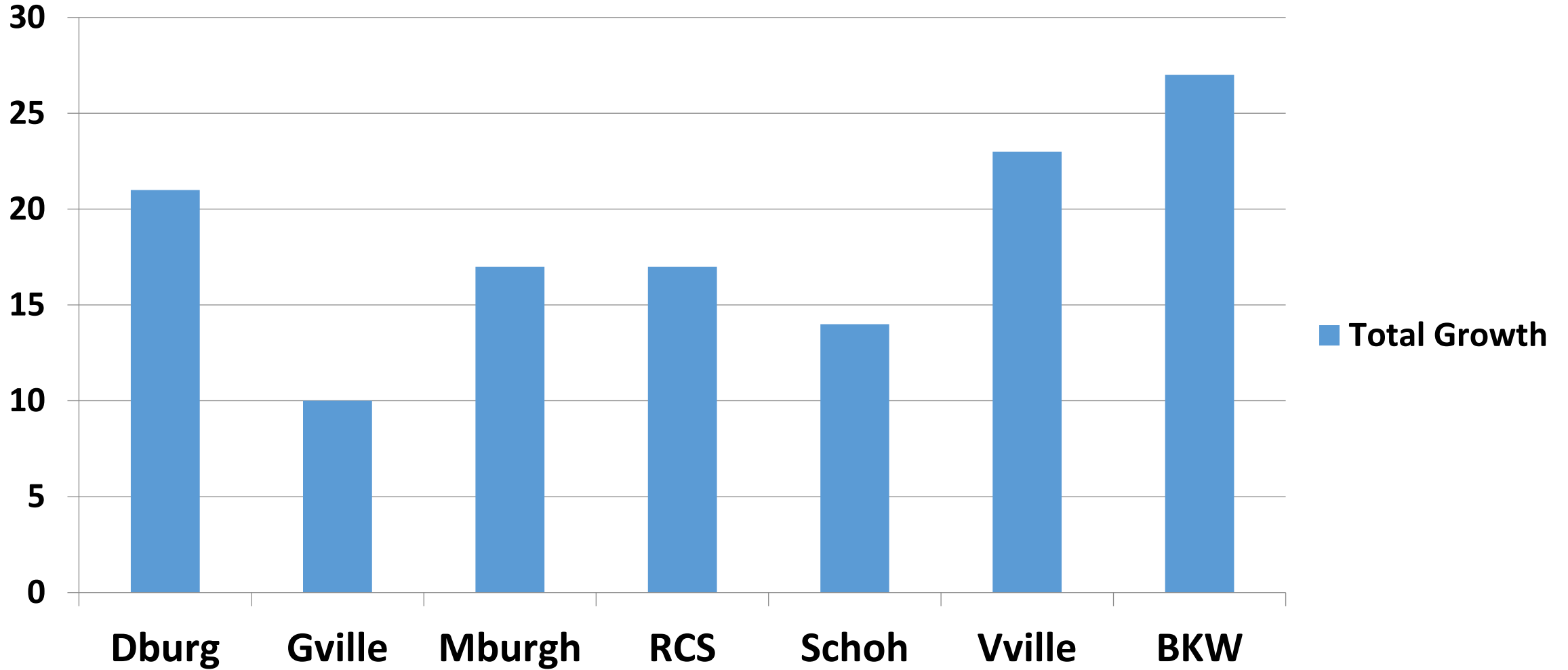


# Comparative ELA Growth Local Districts, 2014-18

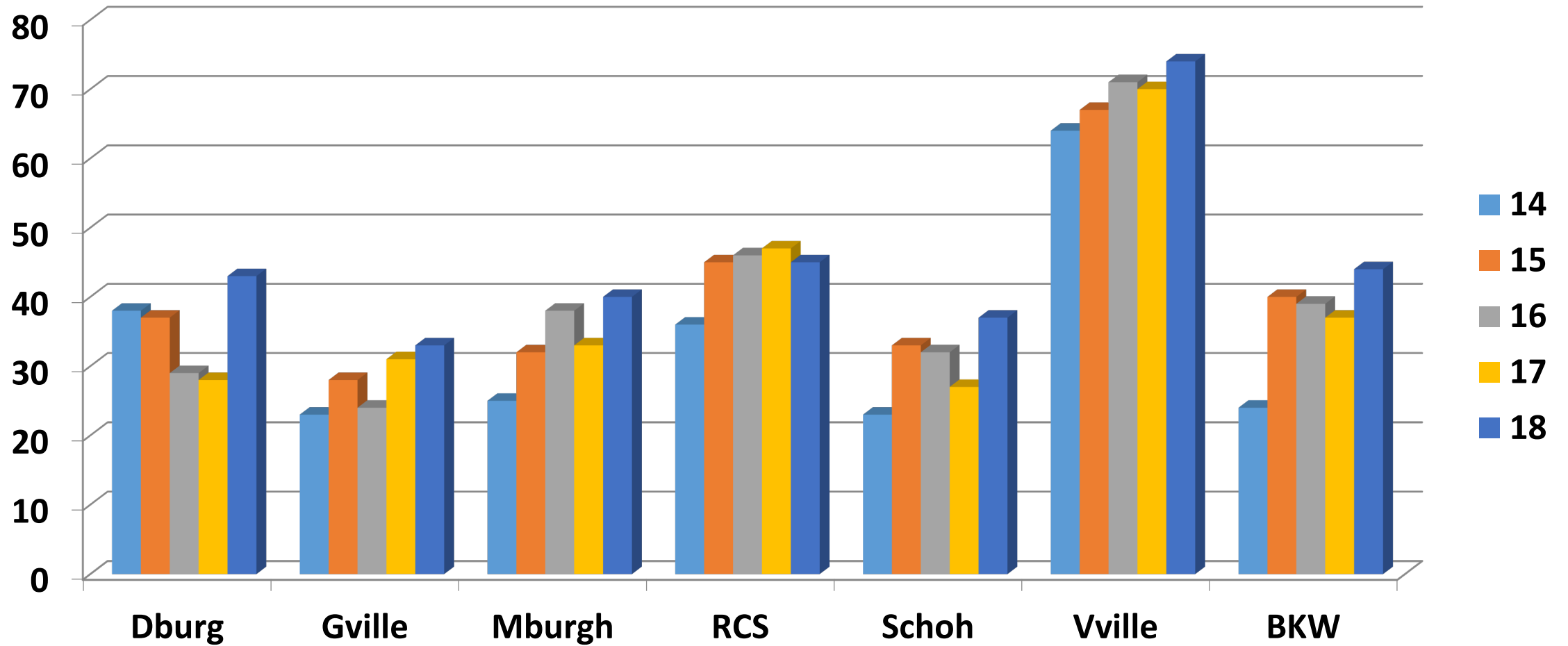




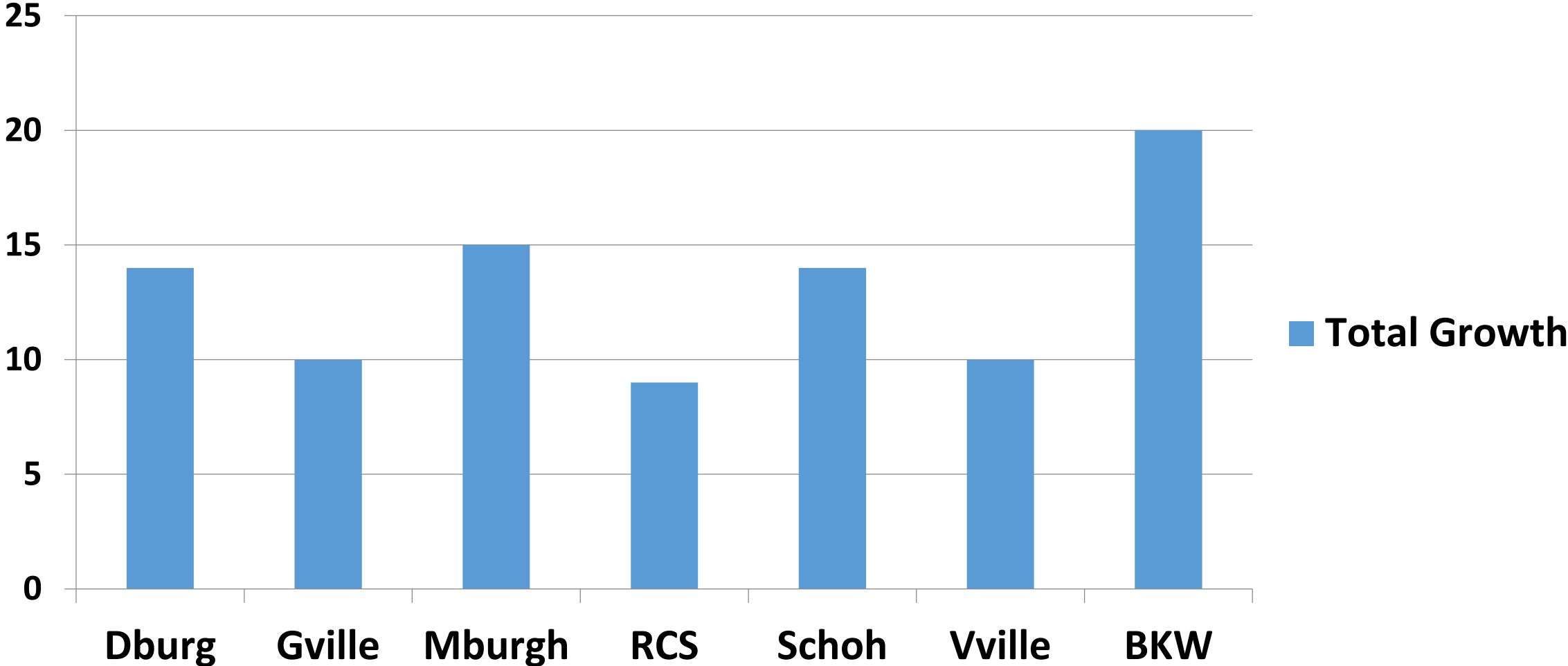
# Comparative Total Local ELA Growth, 2014-18



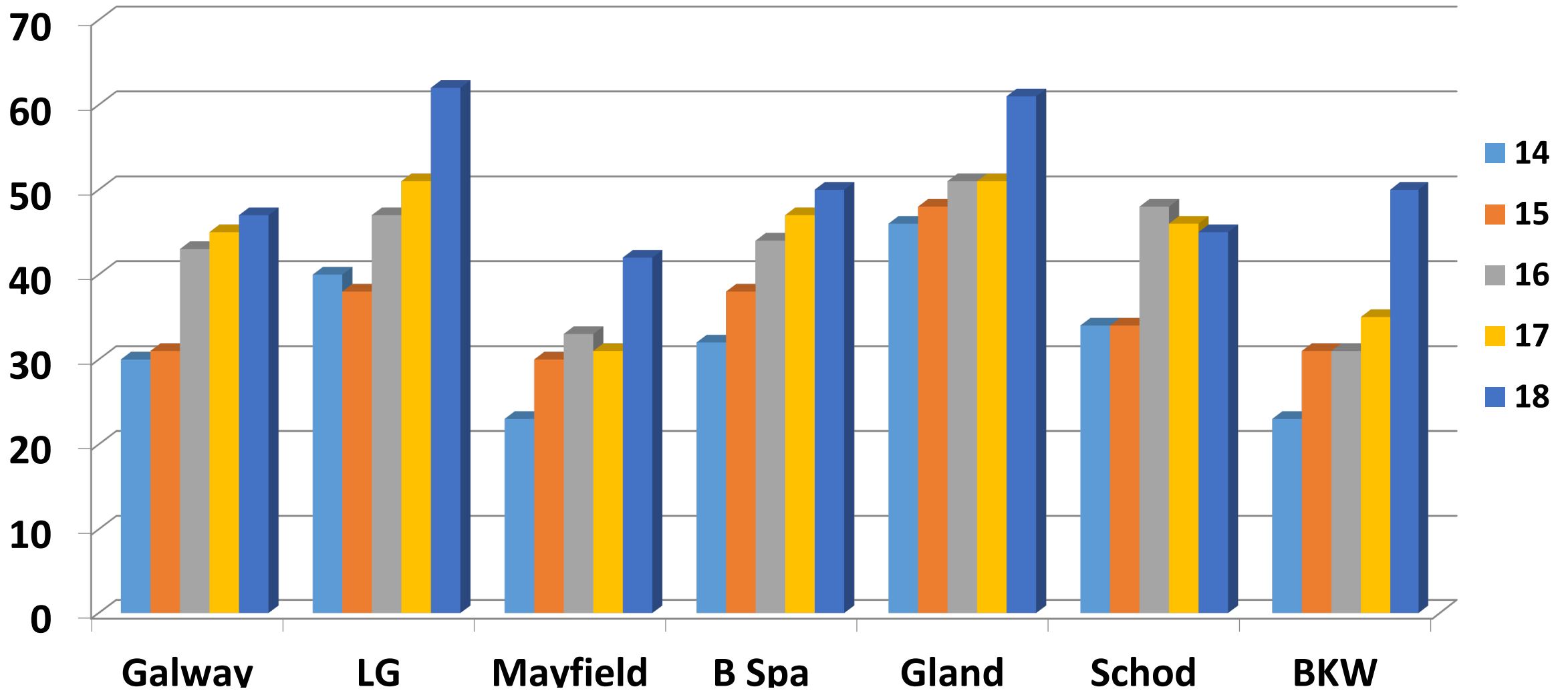
# Comparative Math Growth Local Districts, 2014-18



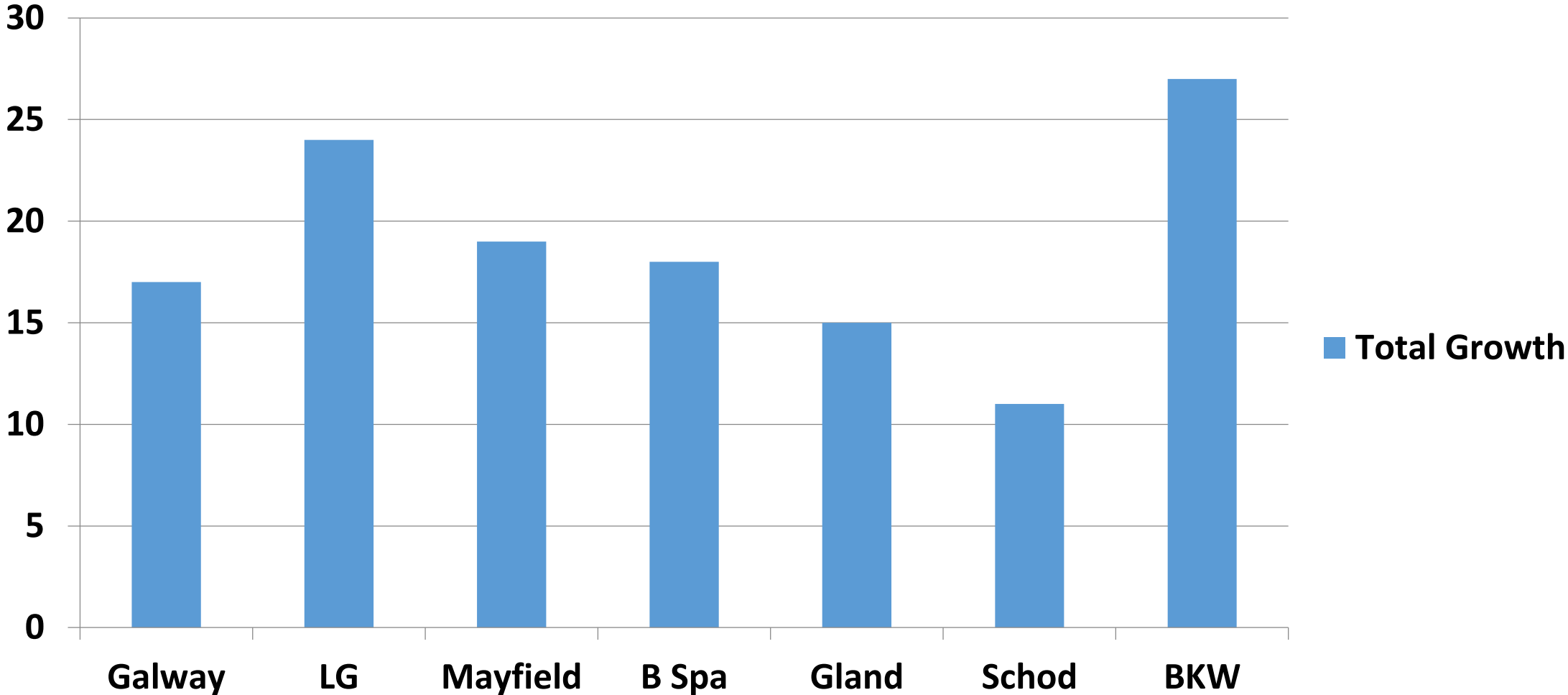
# Comparative Total Local Math Growth, 2014-18



# Comparative ELA Growth Similar Schools Region, 2014-18

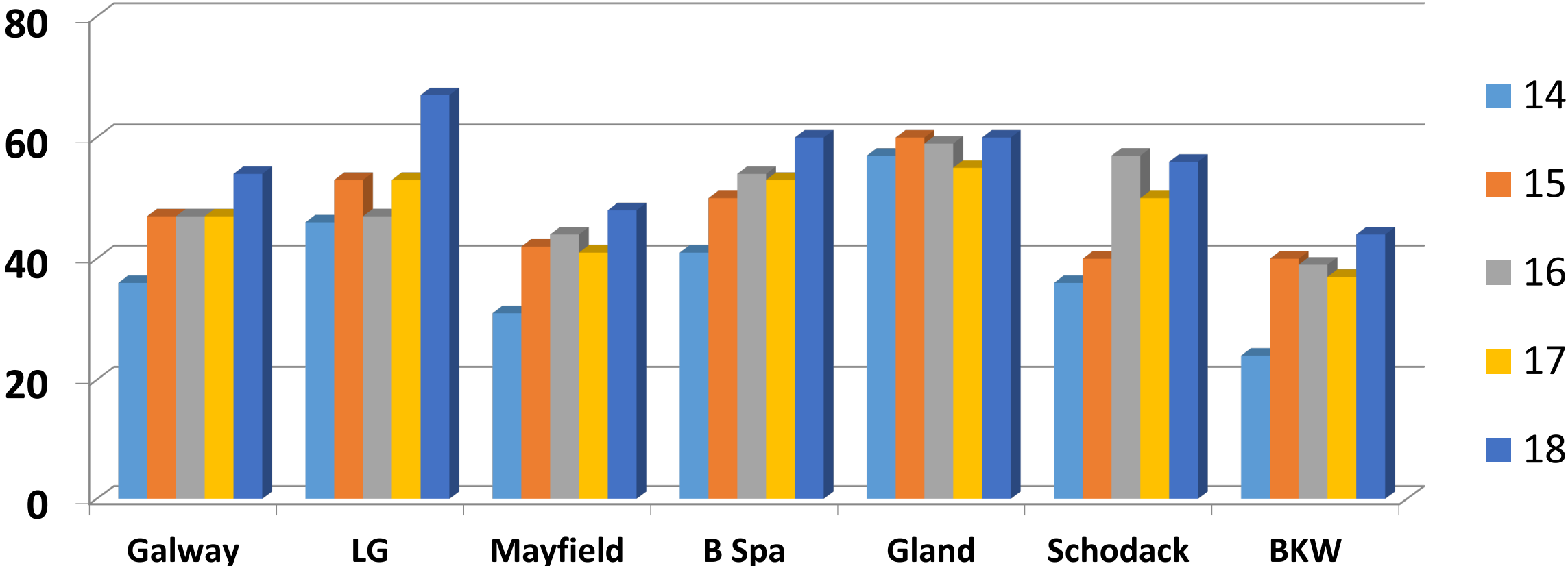


# Comparative Total Similar Schools Region ELA Growth, 2014-18

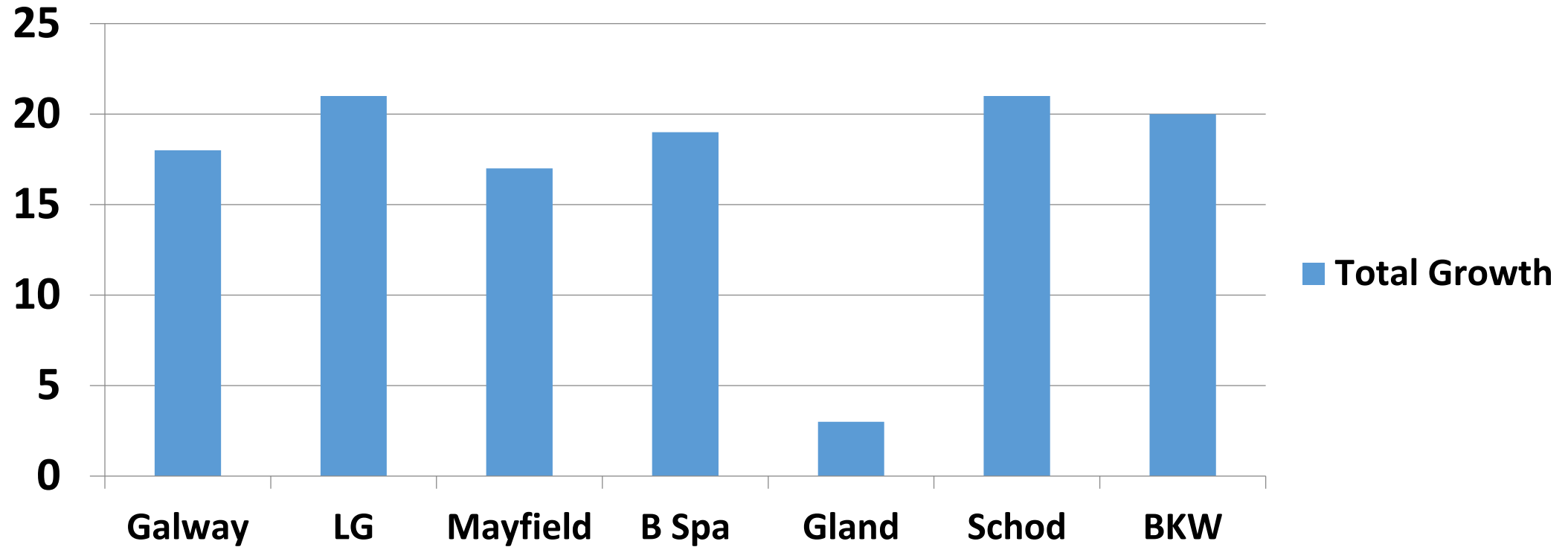




# Comparative Math Growth Similar Schools Region, 2014-18



# Comparative Total Similar Schools Math Growth, 2014-18



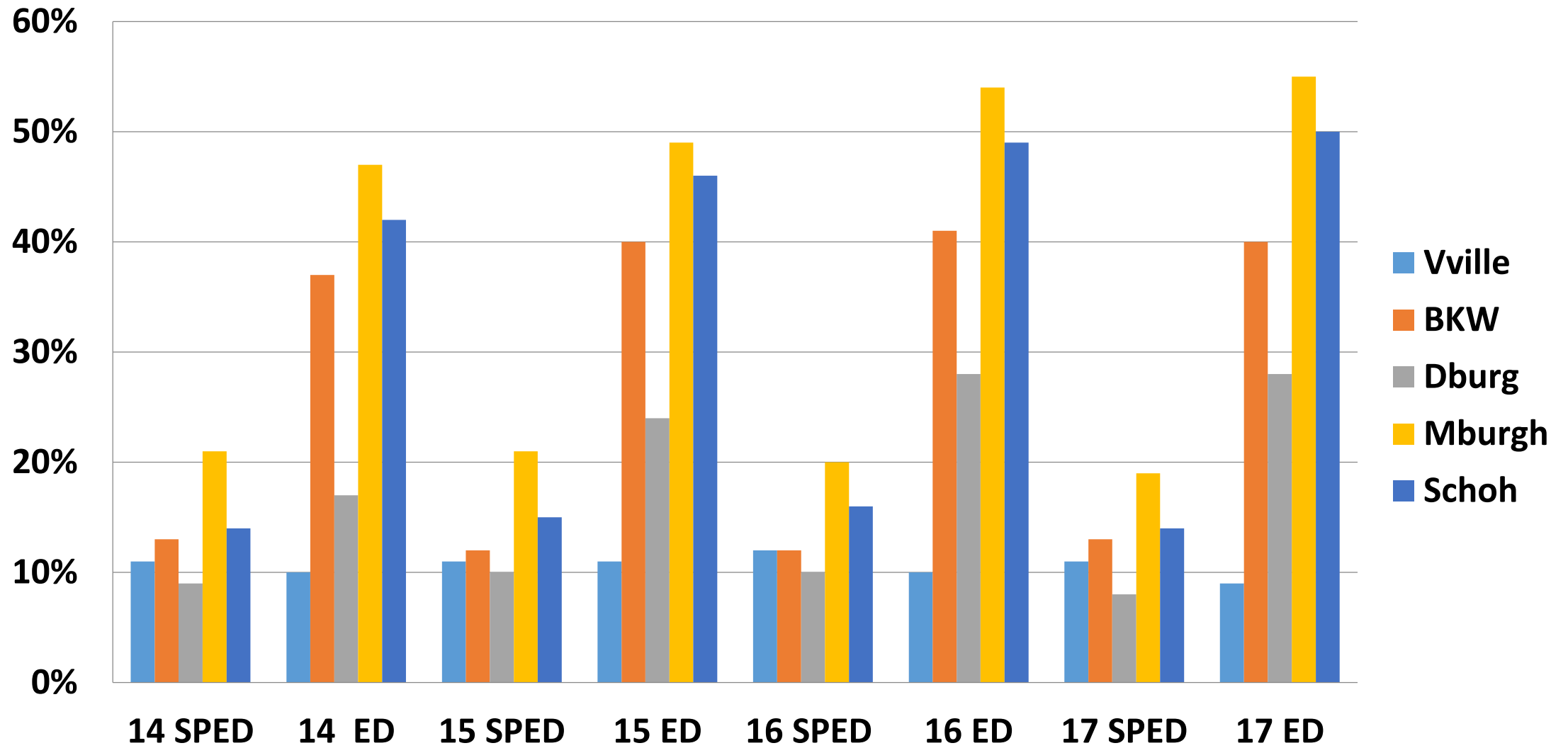
To understand our internal performance we must “drill” deeper into the data:

Two “sub-groups” are important for our district, and for the local area:

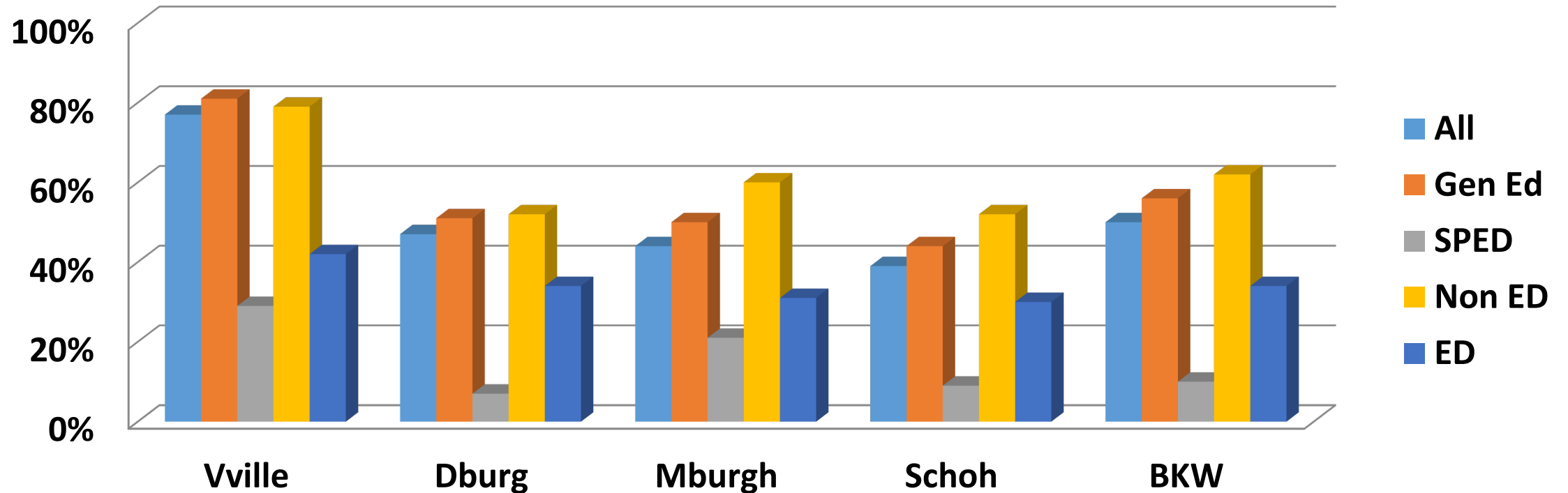
- Special Education (SPED)
- Free/Reduced Price Lunch (FRPL)

Real equity means these groups perform with the general proficiency rate

# Rate of Spec Ed & Eco Dis, 2013-17



# Local Sub-Group Performance Chart, 2018



## Notes:

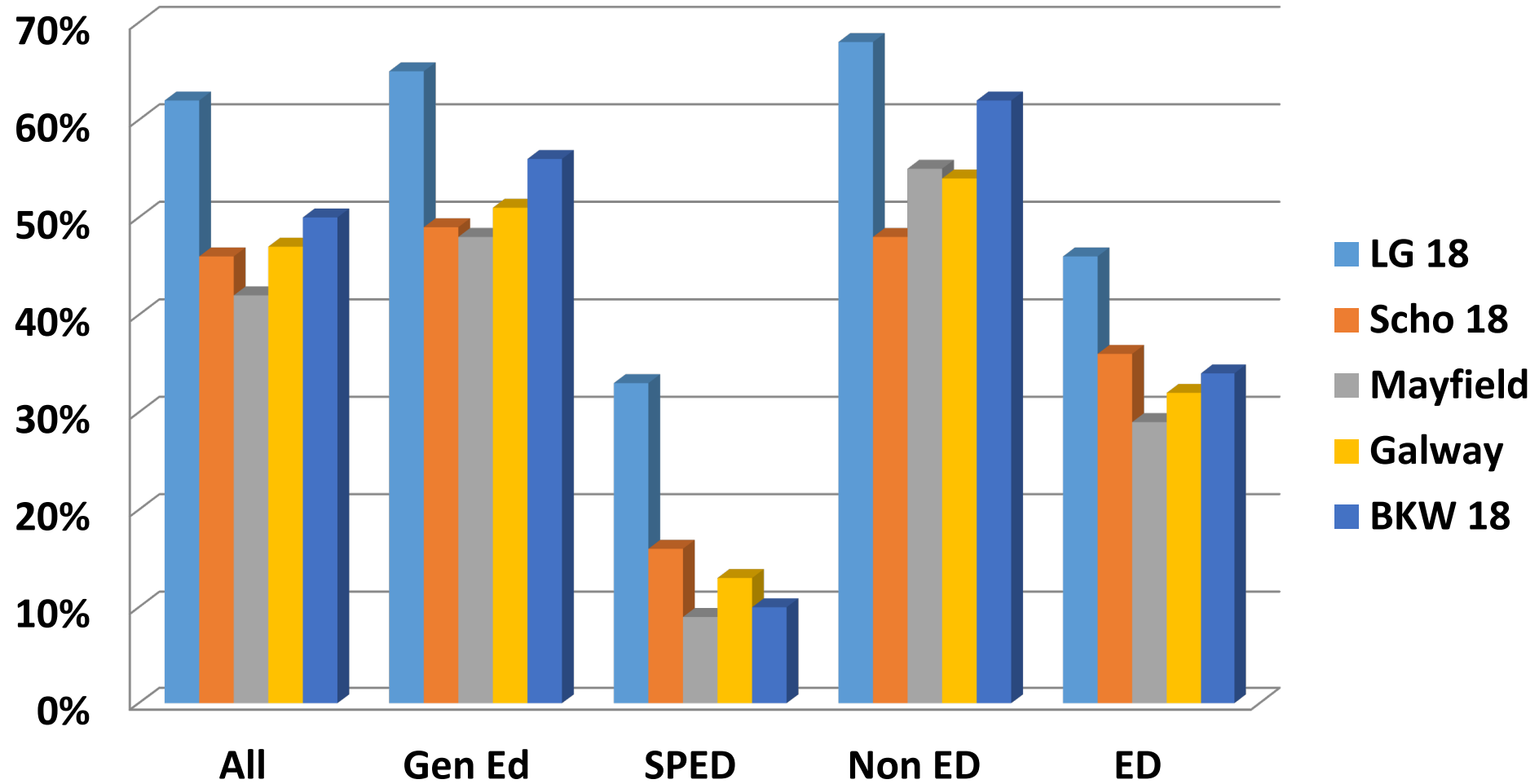
1. Vville: Tested 28 SPED and 24 Eco Dis
2. Dburg: Tested 29 SPED and 89 Eco Dis
3. Mburgh: Tested 58 SPED and 154 Eco Dis
4. Schoh: Tested 54 SPED and 194 Eco Dis
5. BKW: Tested 41 SPED and 131 Eco Dis

**11 vs. 44**

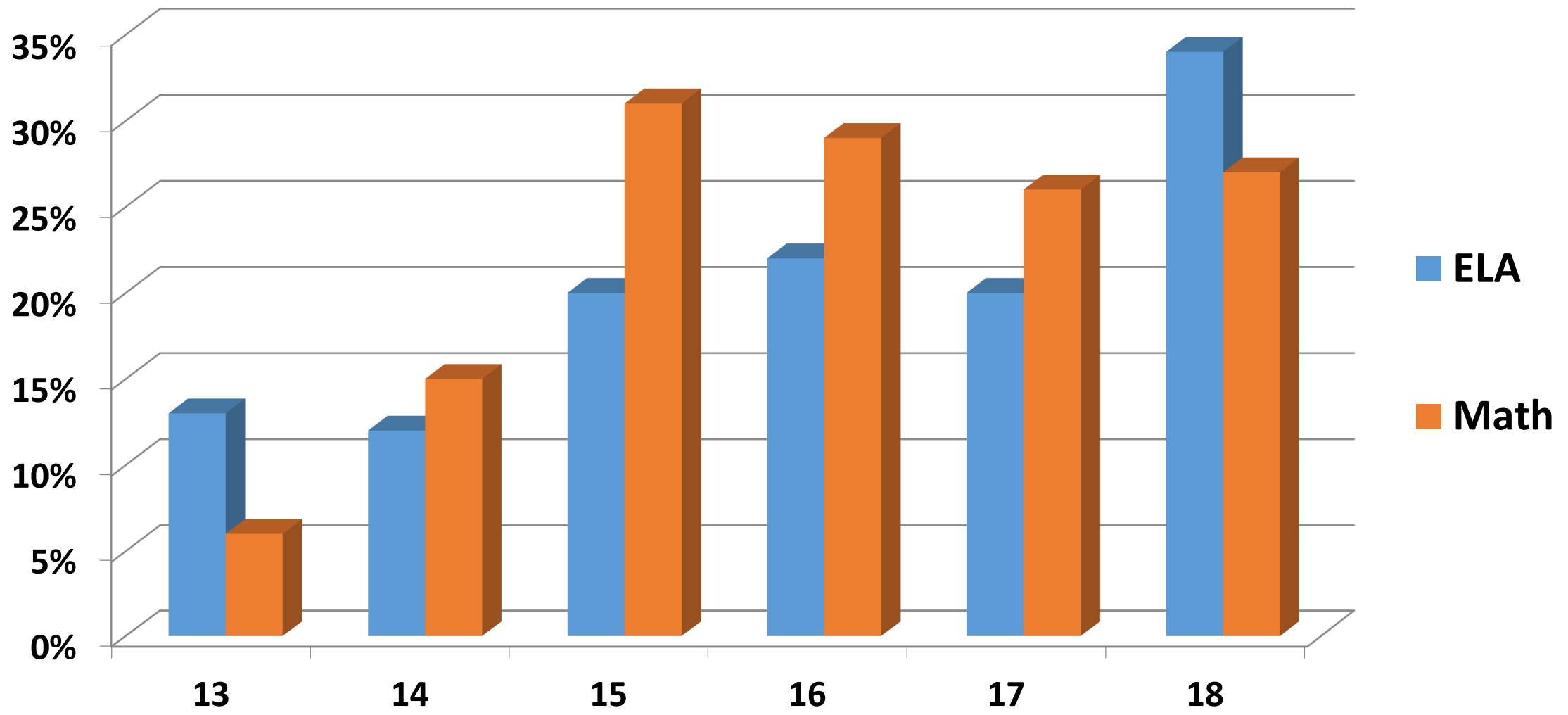
**26 vs. 44**



# Sub-Group ELA Performance, 2018

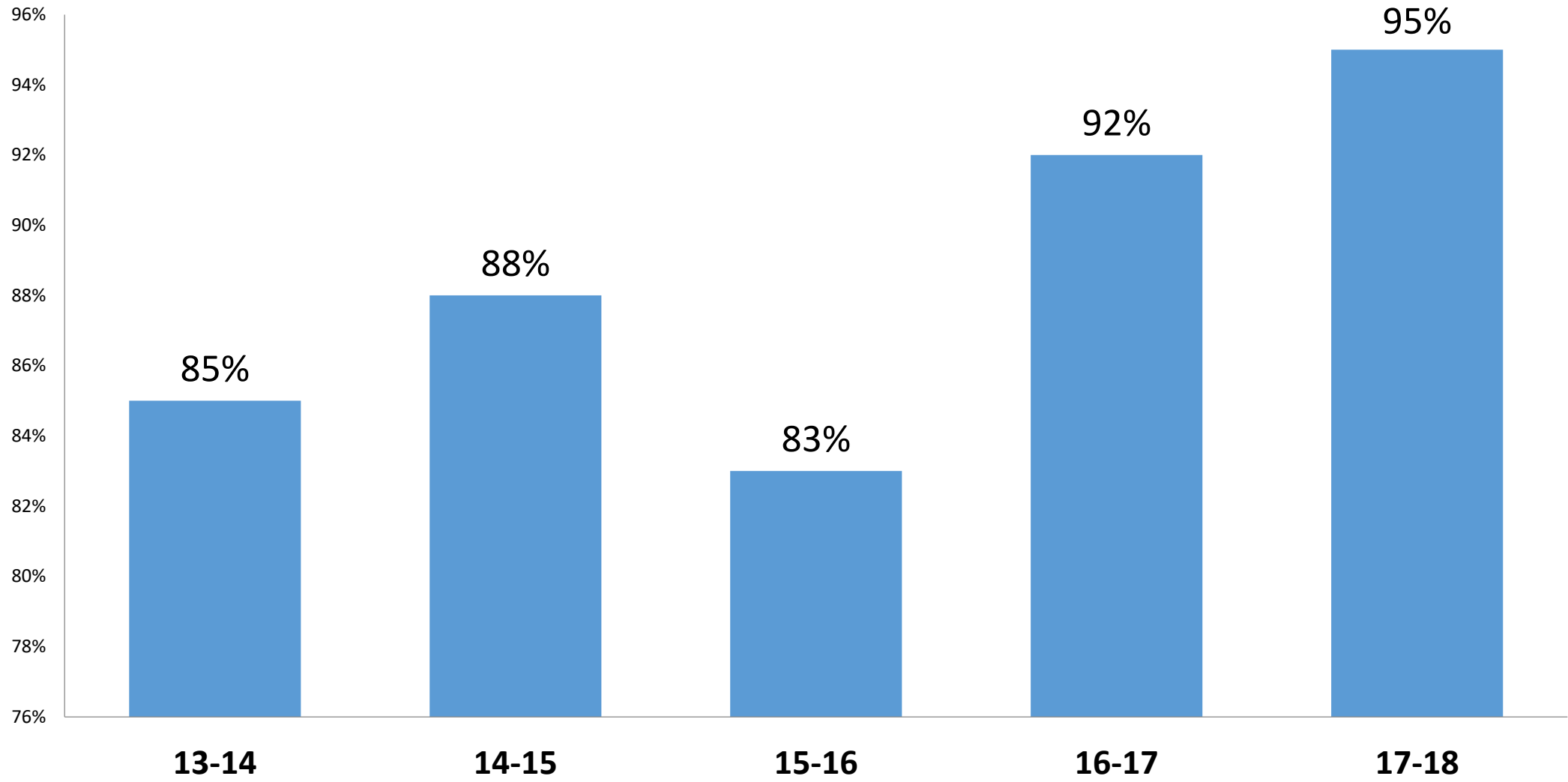


# BKW Economically Disadvantaged, 2013-18



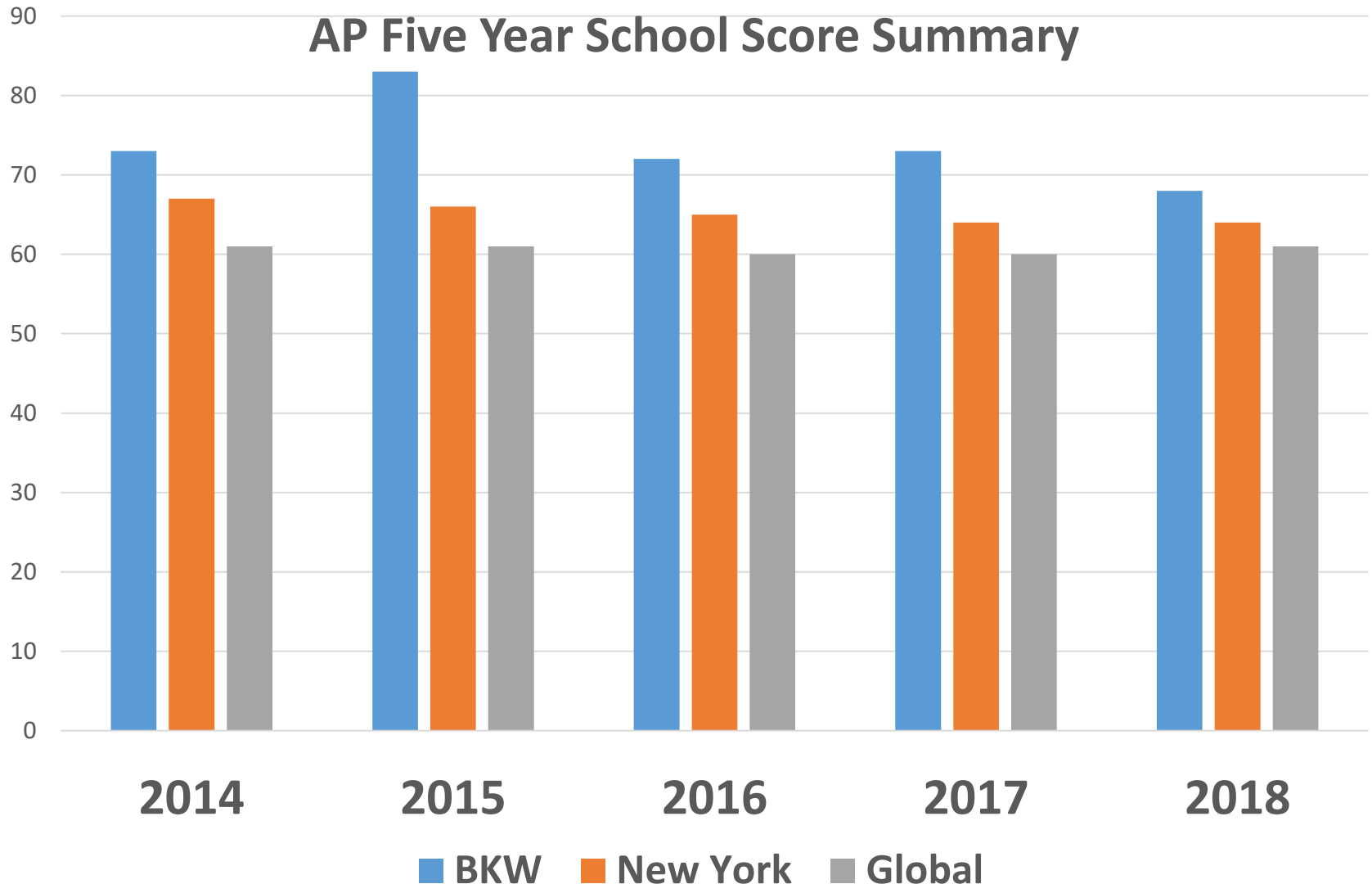
# Secondary School Regents Exam Performance

Exam	2015 Proficiency	2016 Proficiency	2017 Proficiency	2018 Proficiency	2015 Mastery	2016 Mastery	2017 Mastery	2018 Mastery
Algebra I- CC	64%	97%	82%	83%	0%	14%	9%	7%
Geometry- CC	58%	38%	64%	46%	0%	2%	9%	4%
Algebra II- CC	31%	56%	82%	94%	10%	6%	3%	26%
Earth Science	80%	75%	77%	64%	15%	25%	23%	22%
Living Environment	89%	95%	97%	90%	54%	51%	34%	39%
Chemistry	84%	87%	89%	85%	35%	26%	29%	18%
Physics	92%	100%	80%	94%	25%	55%	25%	47%
Global History/Geography	71%	87%	80%	81%	31%	42%	40%	37%
US History	94%	93%	90%	91%	71%	64%	72%	54%
Common Core ELA	98%	98%	100%	84%	52%	64%	19%	47%



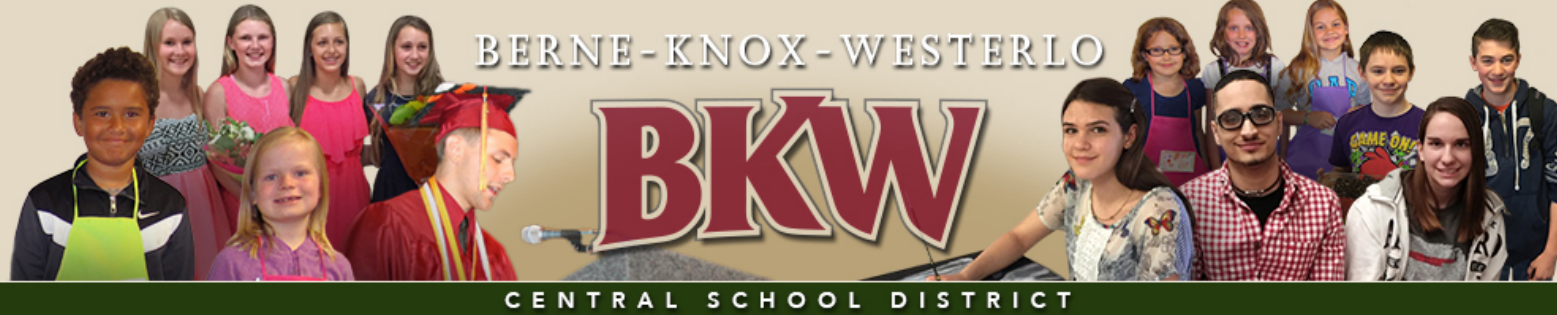
**■ Grad Rate**

# AP Five Year School Score Summary



# Structures and culture:

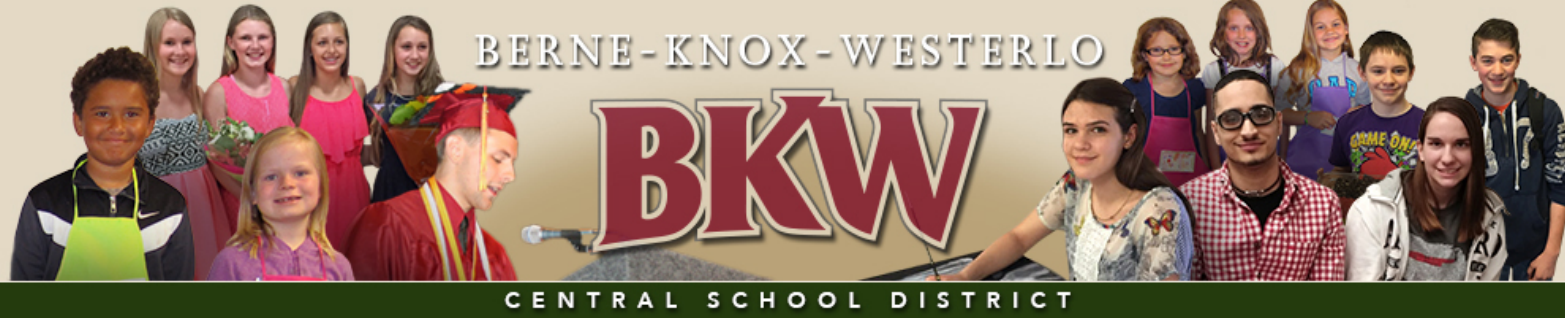
- **PLC's- the grade level teams, planning, execution- 2015-16**
- **Inclusion model- Co-teaching, All-in, whole-child- 2016-17**
- **Master scheduling changes for expanded music, enrichment and planning-2017**
- **Vertical Curriculum Coordinators- Fill gaps, Next Gen Standards- 2017-18**
- **F & P- Formative assessment, key growth data 3x per year-2016-18**
- **Horizons Reading as continuum of service- 2017-18**
- **Expansion of focus from ELA/Math to interdisciplinary- 2015-18**
- **Agri-STEAM- Problem solving mindset, multiple possibilities, divergent- 2016-18**
- **Value every student, personalize and individualize- 2016-18**
- **Computer-Based Testing- 2018**
- **Continuous Professional Development – 2015-18**
- **K-8 Science kits to support Next Gen standards implementation-2018**



# Next Steps-

*“They are because we are”*

1. Focus on the child/student in every decision and action
2. Compassionate to the needs that may not be seen; look beyond a situation
3. Have high expectations along with flexibility- help each student grow
4. Help our students dream and aspire for their future- the “power of yet”
5. Model skills for critical thinking, communications, creativity, and collaboration
6. Work together in teams to maximize efficiency and to reflect great culture
7. Celebrate success; analyze for continual improvement
8. Special education population performance
9. FRPL performance
10. Math analysis- sequence, Algebra I, Advanced Regents Diploma
11. Next Gen Standards curriculum work



**Thank you!**  
**Questions**