

**2013-2014
Academic Achievement
Sullivan West Central School**

**October 23, 2014 ~ 6:30 PM
Sullivan West High School Library**

Definitions

- **New York State Proficiency** – advancement in knowledge or skill
- **Cohorts** – a group of individuals having a statistical factor (as age or class membership) in common in a demographic study <a *cohort* of high school students all entering 9th grade in the same school year
- **Growth** – Development from a lower or simpler to a higher or more complex form. An increase, as in size, number, value, or strength; extension or expansion
- **Achievement** - Achievement connotes final accomplishment of something noteworthy, after much effort and often in spite of obstacles and discouragements

Current NYS Requirements

Content Area	Regents Diploma ¹	Regents Diploma w/Advanced Designation ¹
Mathematics	3	3
English	4	4
Science	3	3
Social Studies	4	4
Health	.5	.5
Arts	1	1
Languages Other Than English (LOTE) ³	1	3
Physical Education	2	2
Sequence Courses/Electives	3.5	1.5
Total Credits	22	22

Regents Exams - Score of 65 or above for general education students
 SWD² - Score of 55 – 64 (where indicated on IEP) for local diploma

¹An Honors Designation is applicable for students earning an average of 90 on all required exams

²The current safety net for students with disabilities. An additional compensatory option safety net is being considered.

³Must pass a countywide assessment at Commencement Level or obtain a 5 credit sequence in CTE.

Other Diploma Designations

Diploma Type	Assessment
Regents with Honors	Completion of 5 required Regents Exams with a computed average of 90 or better
Advanced Designation Mastery in Math	Meets requirements for Advanced Designation. Score of 85 or better on each of 3 Math Regents exams
Advanced Designation Mastery in Science	Meets requirements for Advanced Designation. Score of 85 or better on each of 3 Science Regents exams.
Advanced Designation with Honors	Successfully completes 8 required Regents exams with a computed average of 90 or better

Ensuring Rigorous Pathways

- *All Students earning a Regents Diploma will:*
 - **Take a Balanced Curriculum including: American History, Global Studies, Science, Language other than English, Art, Physical Education and Health,**
 - **Earn a minimum of 22 High School Credits,**
 - **And meet required elements of their pathway.**

Required Elements of Pathways

Appropriate Assessments and Related High Rigor Courses in Each Pathway

- The Federal Government *requires*:
 - Annual testing in mathematics and ELA in grades 3-8
 - An annual science assessment in Science at least once in grades 3-5 and again in 6-9
 - Assessments at least once in Mathematics, ELA and Science in grades 10-12*
 - Alternate assessment for Students with Disabilities
 - Annual assessment of acquisition of English proficiency for English Language Learners

* Students may meet this requirement by taking Regents examinations or approved alternatives to the Regents prior to grade 9 and “banking the results” for high school accountability.

Opportunities for Students to Enter and Exit Pathway Options

- Pathways should be:
 - Grounded in the Common Core Learning Standards
 - Similarly rigorous
 - Allow for student choice
 - Have demonstrated, effective outcomes for students

Regents Pathway Diploma Option 4:1

- Option to earn a Regents Diploma by passing four Regents Exams and one Pathway Exam (Student choice in one or more Regents exams) and complete a Pathway course of study.
- Multiple pathways to graduation with a Regents diploma:
 - ELA + Math + Science (or Science CTE) + 1 Social Studies + Pathway Exam (2nd Social Studies or 2nd Math or 2nd Science or Science CTE or CTE or Humanities or Arts)
- Benefits:
 - Students taking additional courses in a field of study of interest can fulfill additional diploma endorsements.
 - Better student engagement should increase likelihood for persistence towards graduation.
 - Recognition of student skill achievement and the opportunity to use multiple measures for measuring student growth.
- Challenges:
 - Pathway exams require students who have strong math, reading, and oral and written communications skills.

Regents Pathways

- Pathways engage students of all levels of achievement and offer students an opportunity to explore arts, humanities, science, technology, math, and careers.
- Pathways are aligned to college and career ready standards, while also providing technical skills and work-based learning opportunities.
- Students may take an additional, approved exam within a pathway to fulfill part of the Regents examination graduation requirement.

Arts

- Students pursuing a pathway in the arts have opportunities to explore and demonstrate learning in the performing arts, visual arts, and technical arts.
- Pathways exams will be determined by a Blue Ribbon Panel on the Arts.

CTE

- Students in the CTE pathways have opportunities to explore a number of career and technical pathways that focus on work-based learning in career and technical fields.
- Pathways exams may include approved national certification or CTE exams.

Humanities

- Students pursuing a pathway in the Humanities may focus study in languages, social studies, literature, philosophy or other social studies.
- Pathways exams may include alternative assessments in social studies, literature or languages.

STEM

- Students pursuing a STEM pathway may focus study in the sciences, technology, engineering or math.
- Pathways exams may include alternative assessments in the applied sciences, technology, engineering or math.

Current Approved Alternatives

- **Regents ELA Approved Alternatives:**

- Advanced International Certificate of Education (AICE) English Examination
- AP English Language and Composition Examination
- AP English Literature and Composition Examination
- International Baccalaureate English A1 Standard Level Examination
- International Baccalaureate English A1 Higher Level Examination

- ***Regents Integrated Algebra Approved Alternatives:***

- Advanced International Certificate of Education (AICE)
- AP Calculus AB Examination
- AP Calculus BC Examination
- International Baccalaureate Mathematics Studies Standard Level Examination
- International Baccalaureate Mathematics Methods Standard Level Examination
- International Baccalaureate Mathematics Higher Level Examination
- International General Certificate of Secondary Education (IGCSE)
- SAT Subject Test in Mathematics Level 1
- SAT Subject Test in Mathematics Level 2

- ***Regents Geometry and Algebra 2/Trigonometry Approved Alternatives:***

- AP Calculus AB Examination
- AP Calculus BC Examination
- SAT Subject Test in Mathematics Level 2

Current Approved Alternatives (cont'd)

- ***Regents Sciences Approved alternatives:***
 - AP Biology Examination**
 - SAT Subject Test in Biology E/M**
 - SAT Subject Test in Chemistry**
 - SAT Subject Test in Physics**
- ***Regents Social Studies Approved alternatives:***
 - AP US History Examination
 - SAT Subject Test in US History
 - AP World History Examination

* In addition to achieving the established score, students must complete a multi-source, in-depth research project that demonstrates the ability to use primary and secondary sources.

** In addition to achieving the established score, students must complete 1,200 minutes of hands-on laboratory work with satisfactory lab reports.

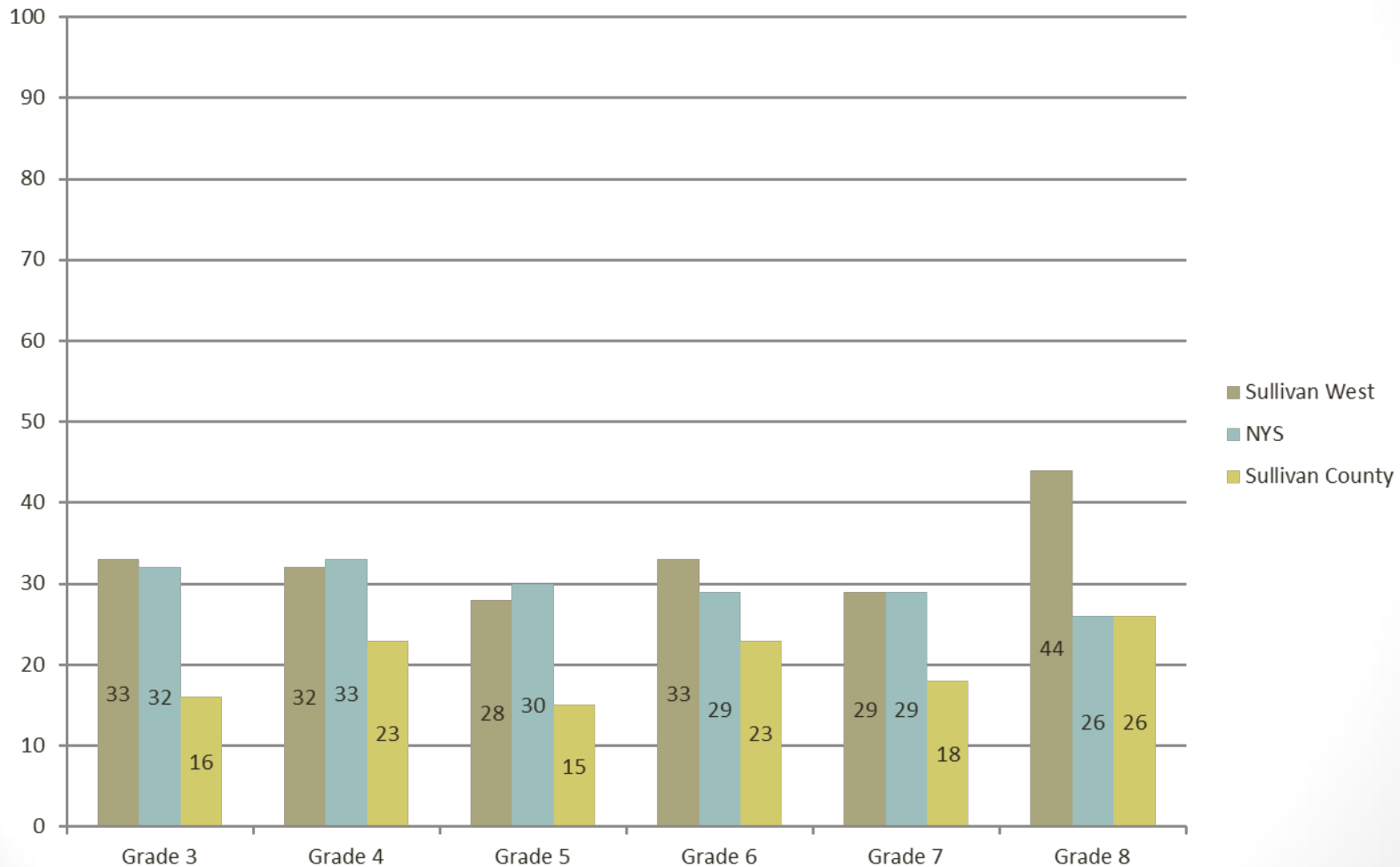
2013-2014 Regents Passing Rate

(65 or above)

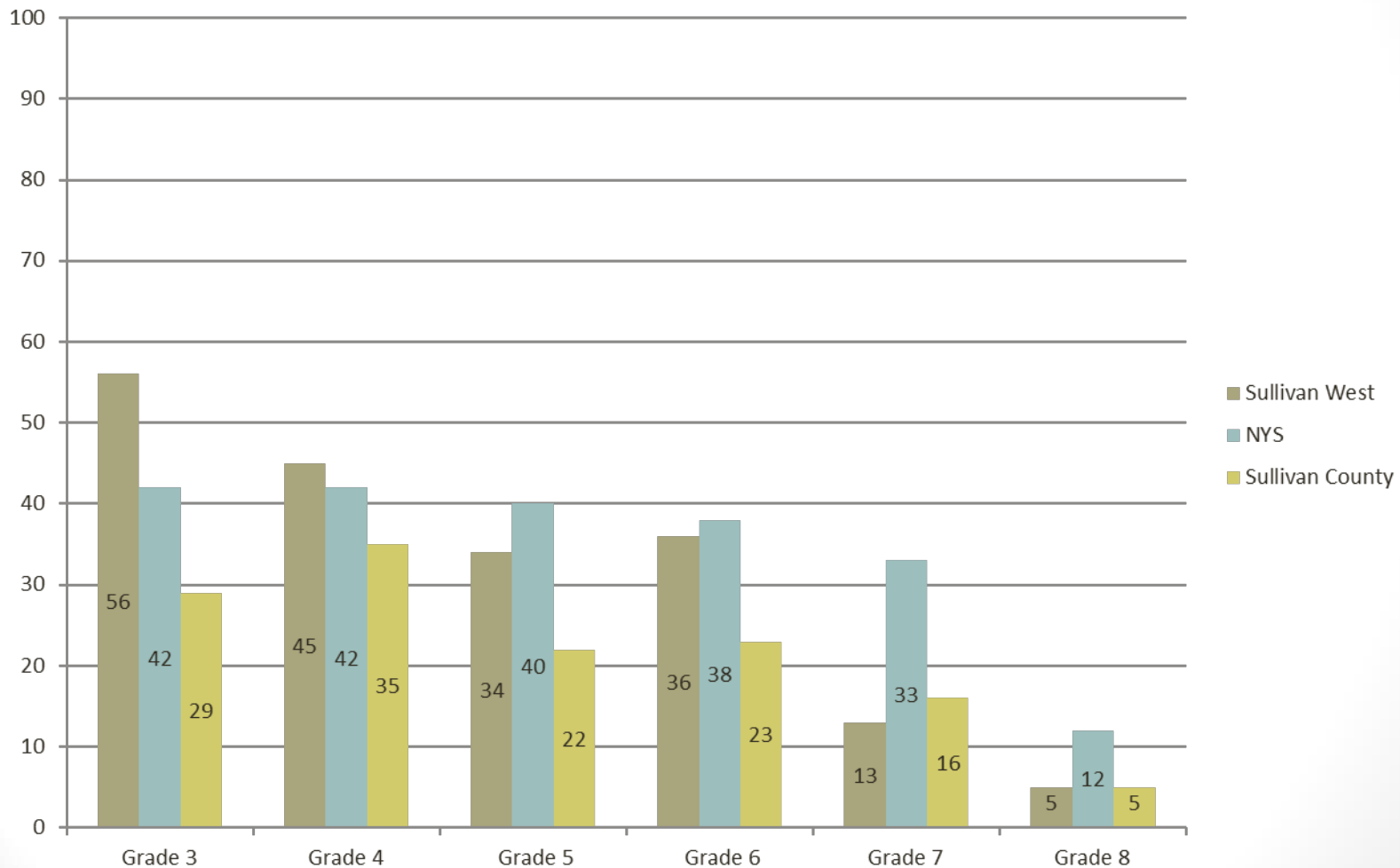
(Qualify for Safety Net)

Assessment	2009	2010	2011	2012	2013	2014
English	98%	98%	97%	93%	89%	98%
Algebra	97%	95%	92%	98%	91%	98%
Algebra Common						100%
US History	100%	98%	97%	96%	96%	98%
Physics	93%	81%	100%	89%	96%	67%
Global Studies	93%	87%	76%	83%	81%	87%
Earth Science	95%	99%	99%	97%	99%	99%
Math B	87%					
Trig		98%	60%	92%	89%	86%
Geometry		99%	100%	94%	97%	100%
Living Environment	97%	93%	97%	99%	96%	100%
Chemistry	95%	94%	95%	85%	72%	85%

2014 ELA Grade 3-8 % Proficient Sullivan West CSD, NYS & Sullivan County CSD's Comparisons



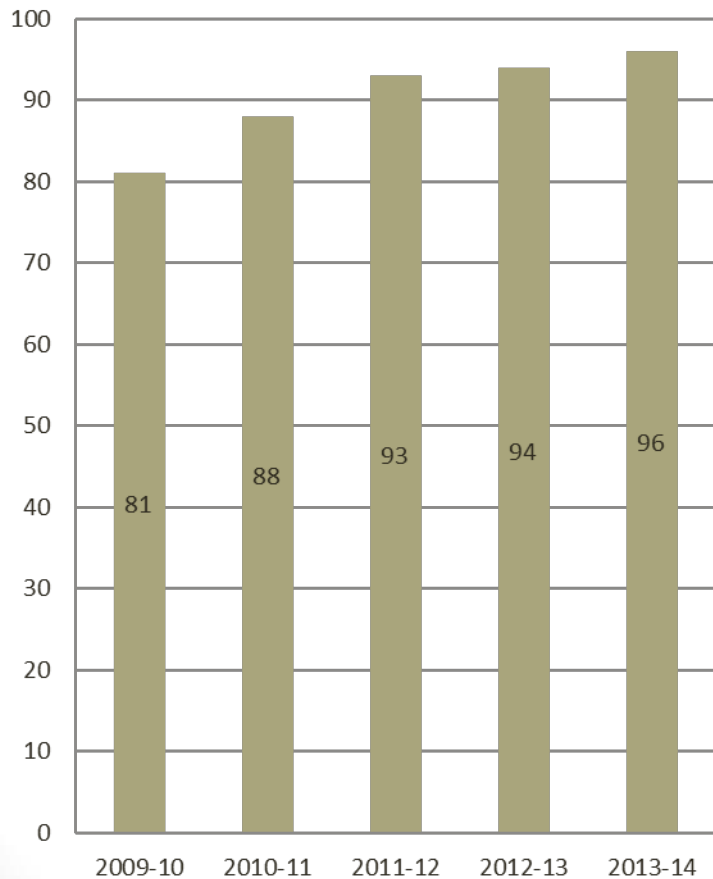
2014 **MATH** Grade 3-8 % Proficient Sullivan West CSD, NYS & Sullivan County CSD's Comparisons



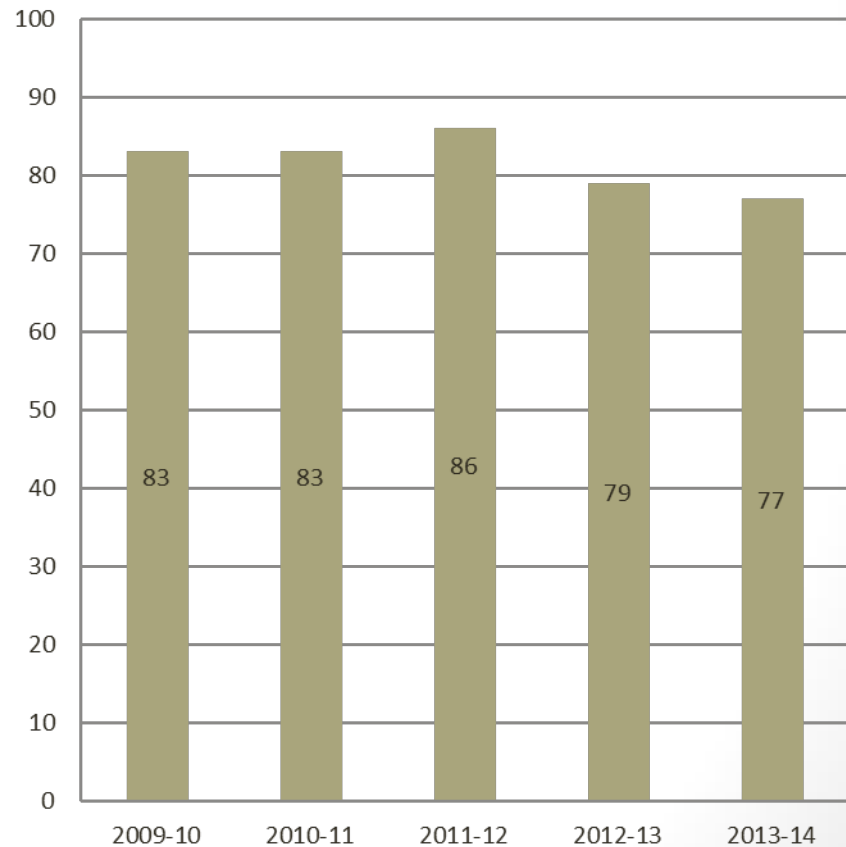
Sullivan West CSD 2010-2014

4th & 8th Grade Science Trends

4th Grade



8th Grade



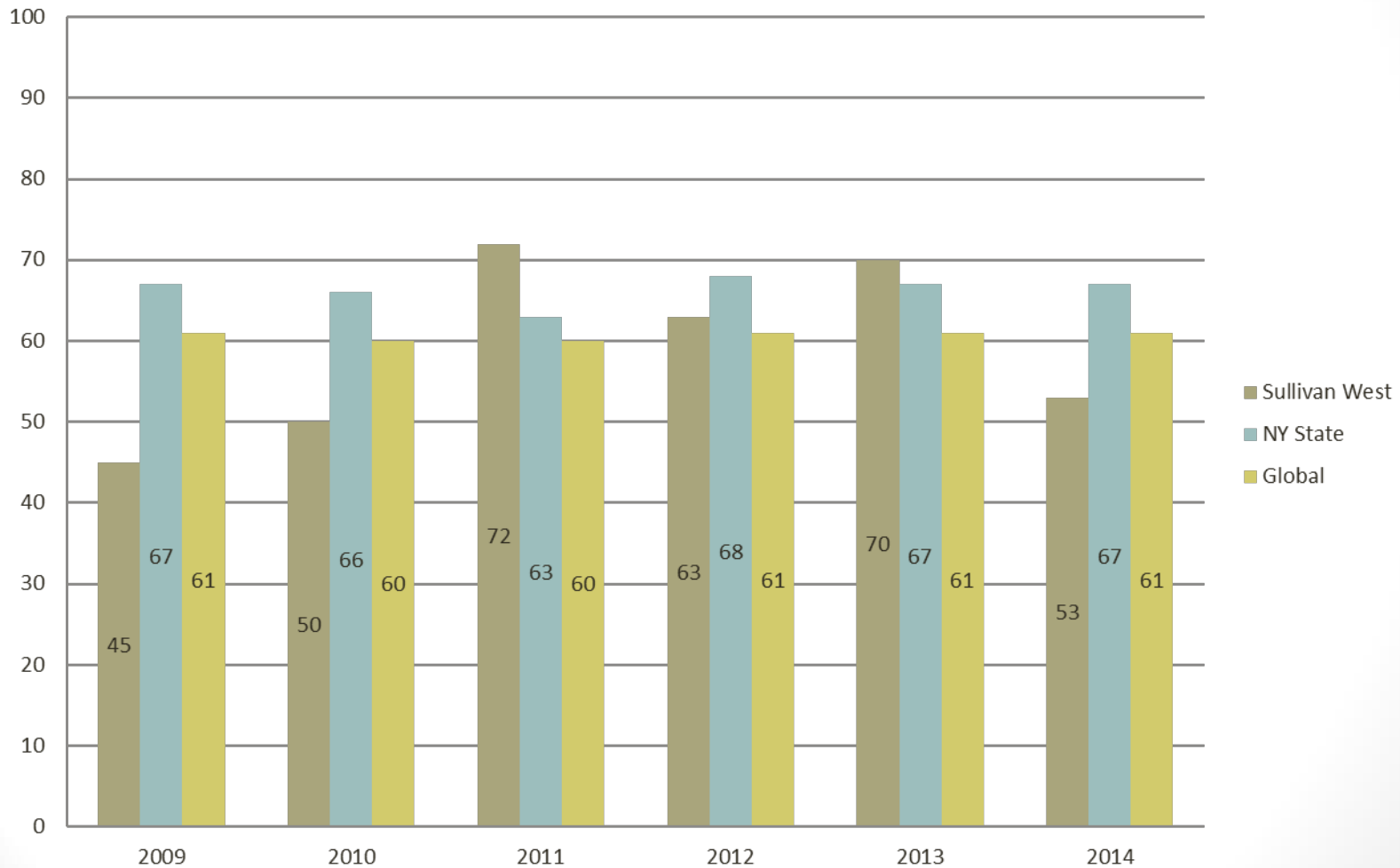
Potential Dual Credit/College/AP 2014-15

Subject Area	HS Course	Dual Credit	# of students
PTLW	Drawing for Design and Production	Introduction to Engineering Design (RIT)	23
	Technology Elective---DE	Digital Electronics (RIT)	9
	Principles of Engineering	Principles of Engineering (RIT)	7
Social Studies	U.S. History and Government	AP US History	26
	Global History and Government I	World History I	21
	Global History and Government II	AP World History	12
*	Participation in Government	US Government (SCCC)	14
English	English 12	Speech/Composition (SCCC)	22
	English 12	AP Literature	12
	English 11	AP Language	11
Math	Pre-Calculus-- Math Elective	Sullivan County CC	33
	Intro to Calculus--Math Elective	Sullivan County CC	26
	Statistics-Math Elective	Sullivan County CC	33
Science	Physical Setting --Chemistry	Chemistry (SCCC)	23
*	Intro to Renewable Energy	Chemistry (SCCC)	18
*	Care of Green Spaces	Chemistry (SCCC)	15
Business*	Business Math	Sullivan County CC	21

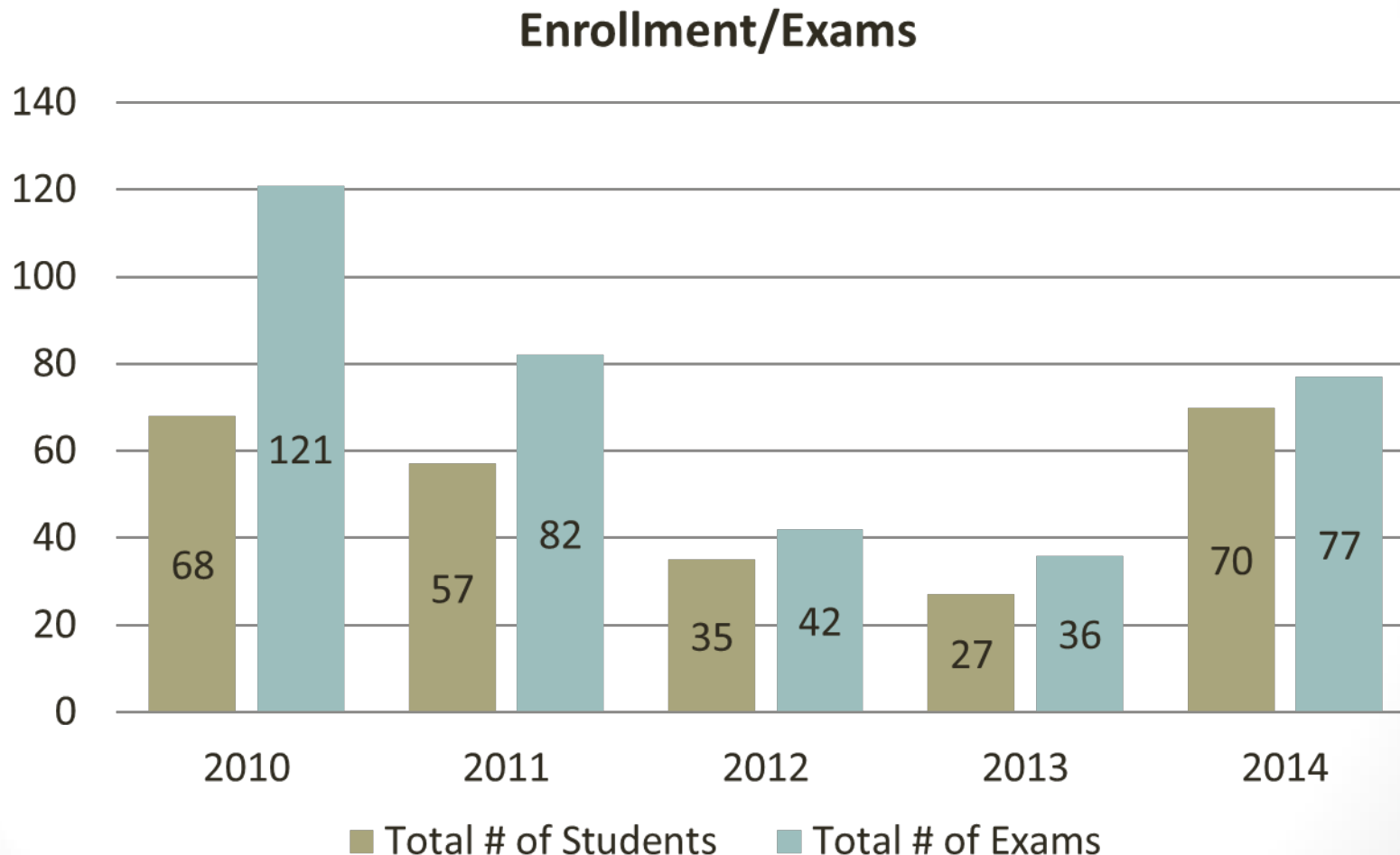
*
New
Course
this year

AP 5-year School Score Summary

2014 % Scoring 3 or better



5-Year AP Enrollment & Exams



5-Year Trends Average ACT Scores

	Total Tested		English		Mathematics		Reading		Science		Composite	
	District	State	District	State	District	State	District	State	District	State	District	State
2010	18	50,262	21	23	22	24	22	23	22	23	22	23
2011	22	52,255	23	23	24	24	24	24	24	23	24	23
2012	50	52,771	21	23	23	24	22	23	22	23	22	23
2013	39	53,287	20	23	22	24	21	24	22	23	21	23
2014	43	54,496	19	23	24	24	24	24	24	23	24	23

5-Year Trends Average SAT Score

	Critical Reading		Math		Writing	
	State	District	State	District	State	District
2009	485	501	502	502	496	484
2010	484	501	499	513	478	484
2011	485	505	501	520	479	493
2012	483	437	500	508	475	474
2013	485	484	501	502	477	471

SWCSD Graduated 95 Students in 2014

92% went on to Post Secondary Education

# of Graduates Attending 2-Year Schools	# of Graduates Attending 4 –Year Schools
45	28
# of Graduates Entering the Military	# of Graduates Post Secondary/Other
9	5

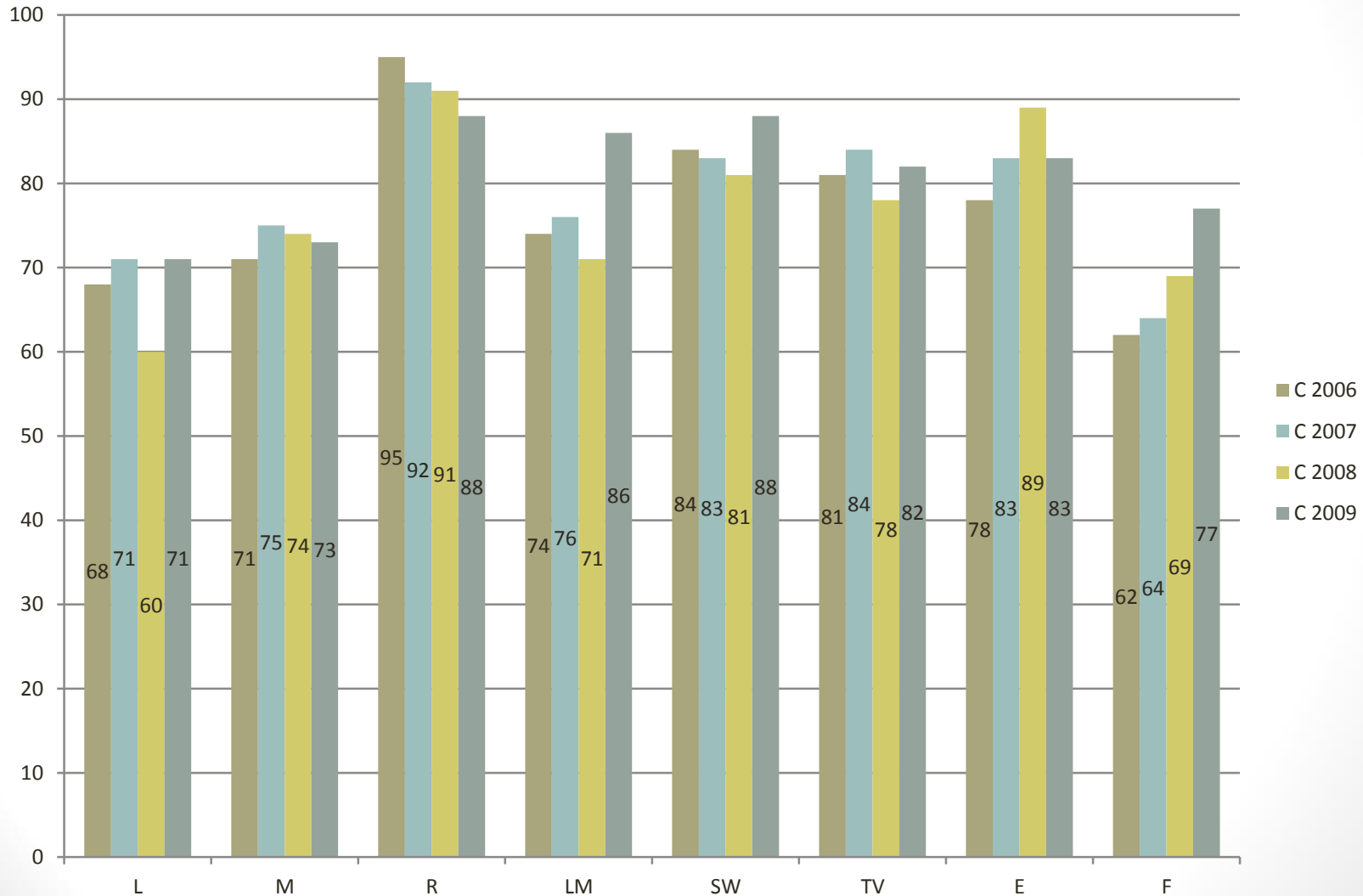
Graduate Breakdown

- 95 Main Campus
- 0 Alternative Education
- 1 BOCES
- 0 August Graduates



92% of the graduating class went on to pursue some type of Post Secondary Education

2006-2009 Sullivan County Cohort Graduation Rate % Comparison



Data acquired from.....

- NYS School Report Card for each District,
<http://www.p12.nysed.gov/irs/>, <https://www.nystart.gov/nystart/u/index.do>
- College Board,
<http://professionals.collegeboard.com/testing/ap/scores/online-score-reporting>,
- Engage NY, www.engageny.org,
- New York State Education Department Annual Regents Report
- Data Contained in the Student Information Repository System
- Sullivan BOCES, www.scbores.org
- i-Ready, www.i-ready.com
- College Readiness Letter, www.act.org