

# **NORTH SHORE HS**

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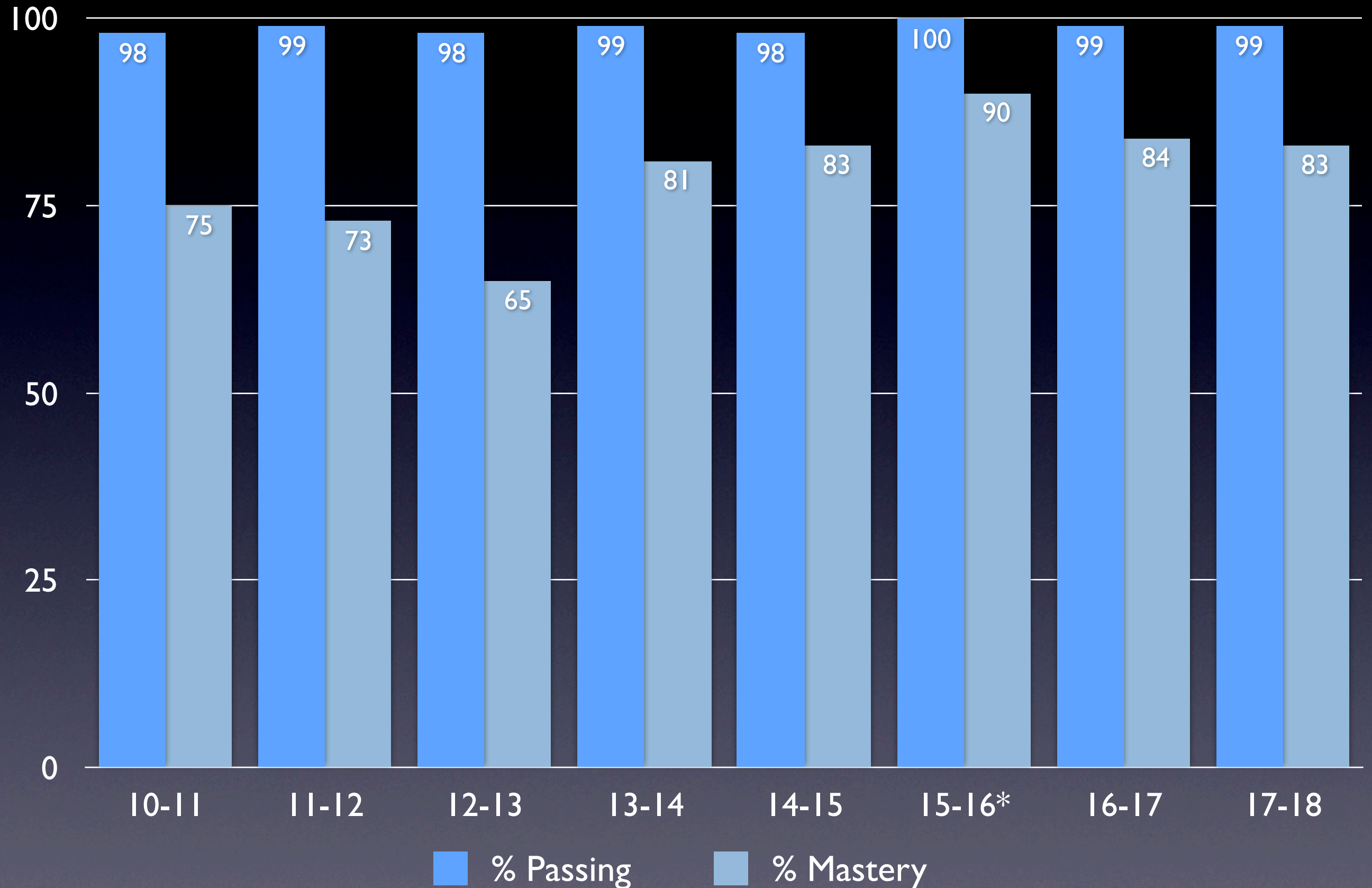
**REPORT ON STUDENT ACHIEVEMENT  
DECEMBER 2018**

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## ACHIEVEMENT IN CONTEXT

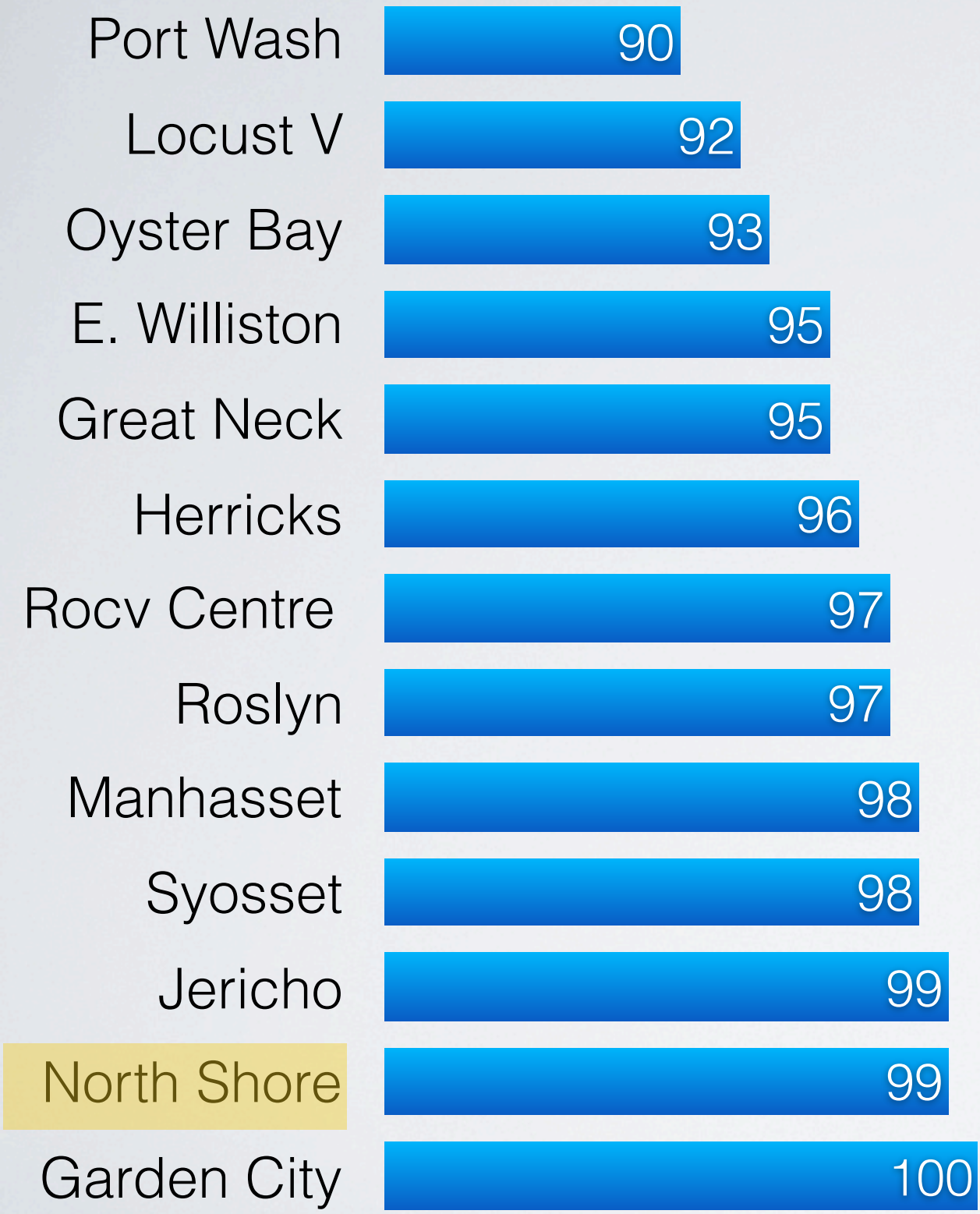
- ▶ Mentored, personalized program that provides maximum flexibility and opportunity for challenge and success
- ▶ Assured experiences augmented by broad range and variety of courses, programs, and pathways
- ▶ Measuring performance, engagement/participation, and growth of time - individuals, programs, and the system
- ▶ Asking the right questions: our deeper dives into our data

# English Language Arts Regents

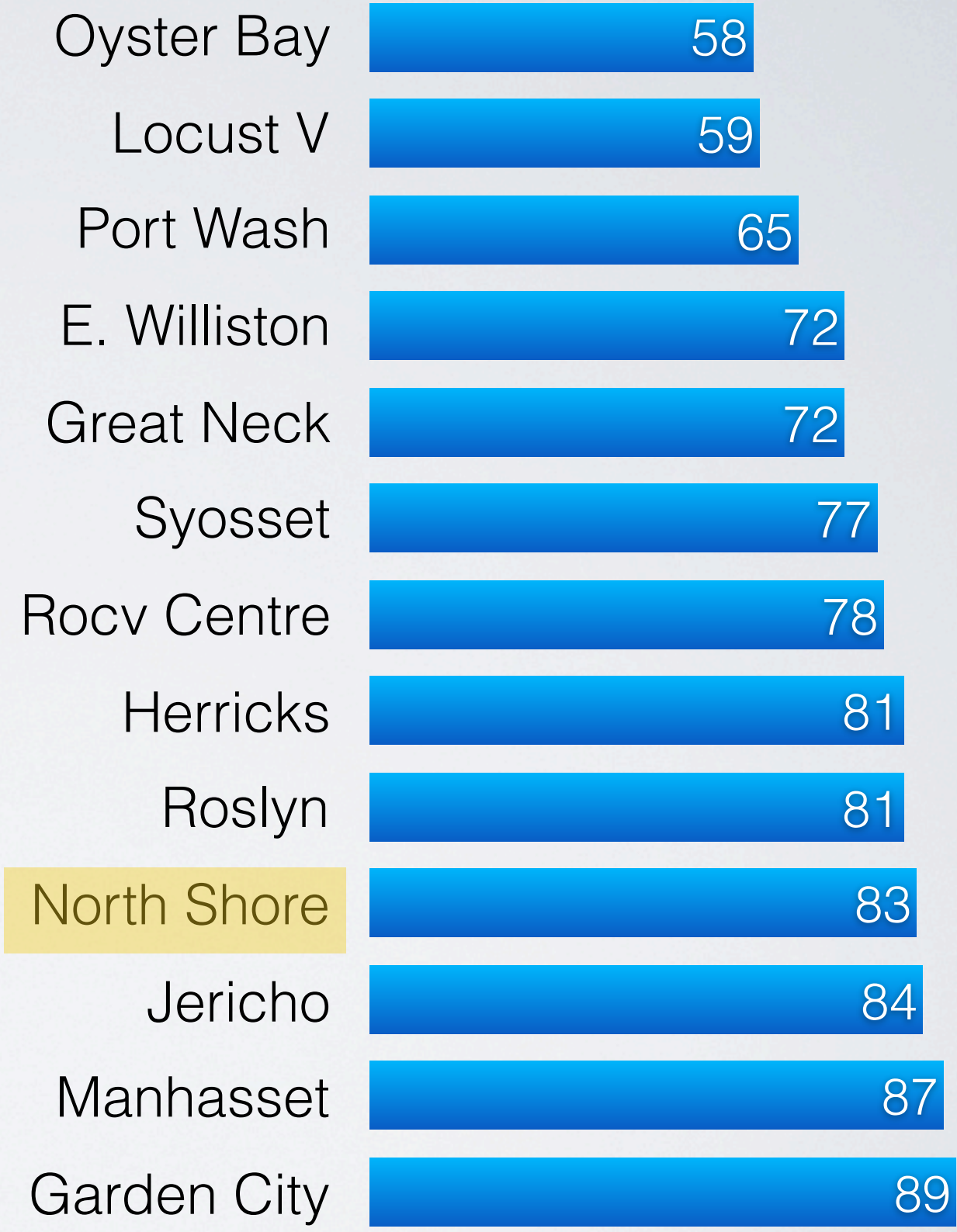


\*first year of the Common Core exam

COMMON CORE ELA  
PASSING



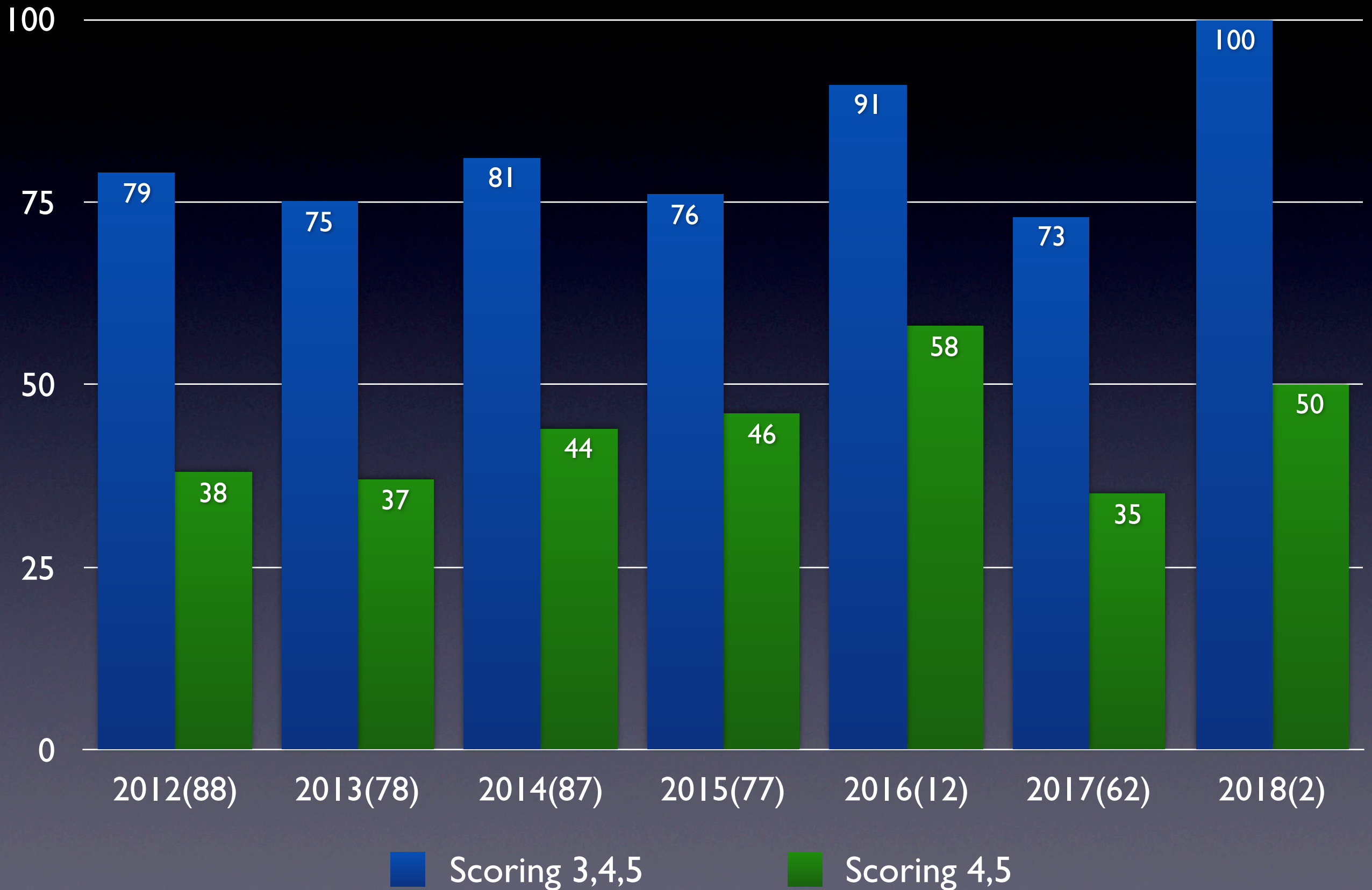
COMMON CORE ELA  
MASTERY





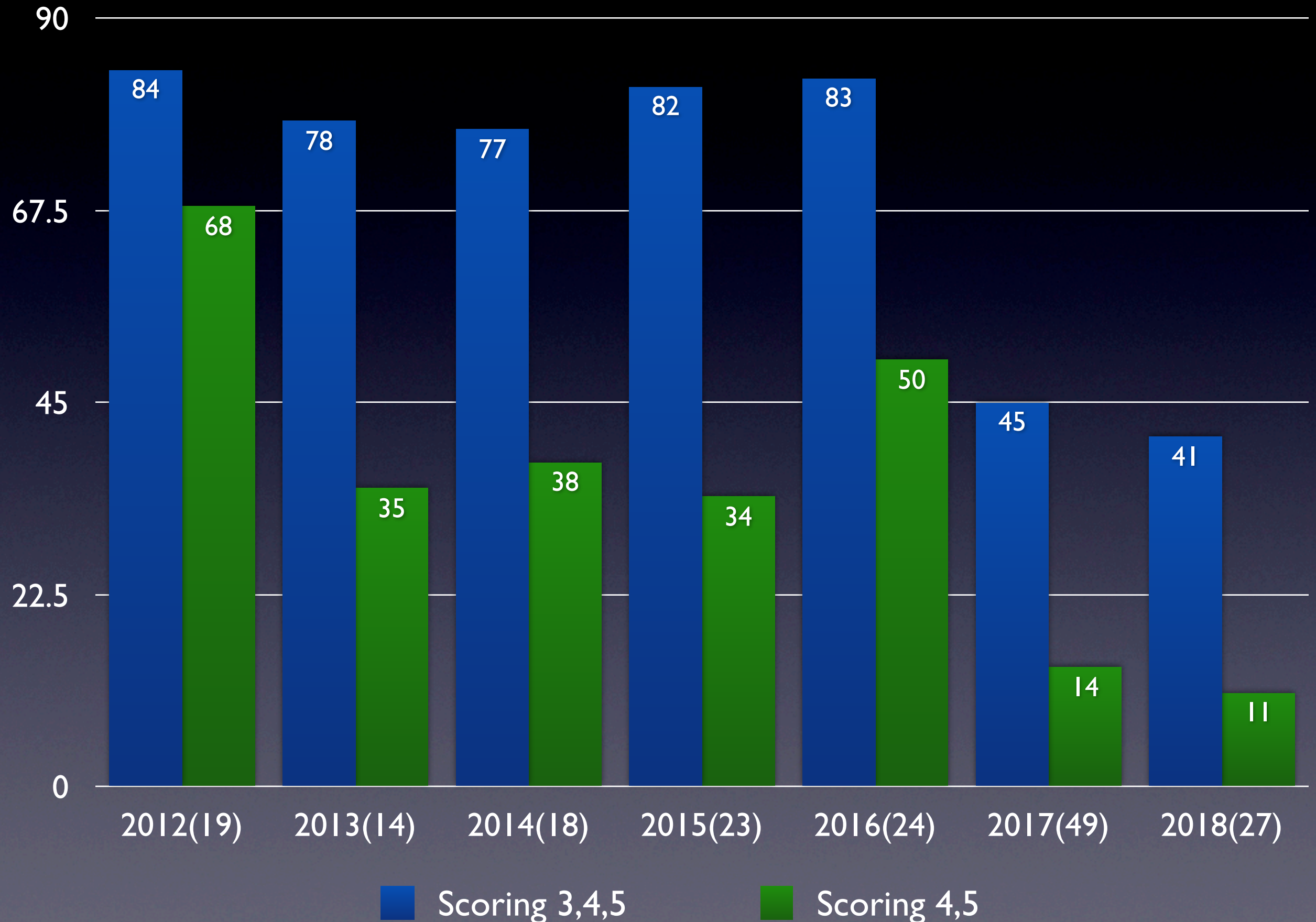
# Advanced Placement English Composition

## % Scoring



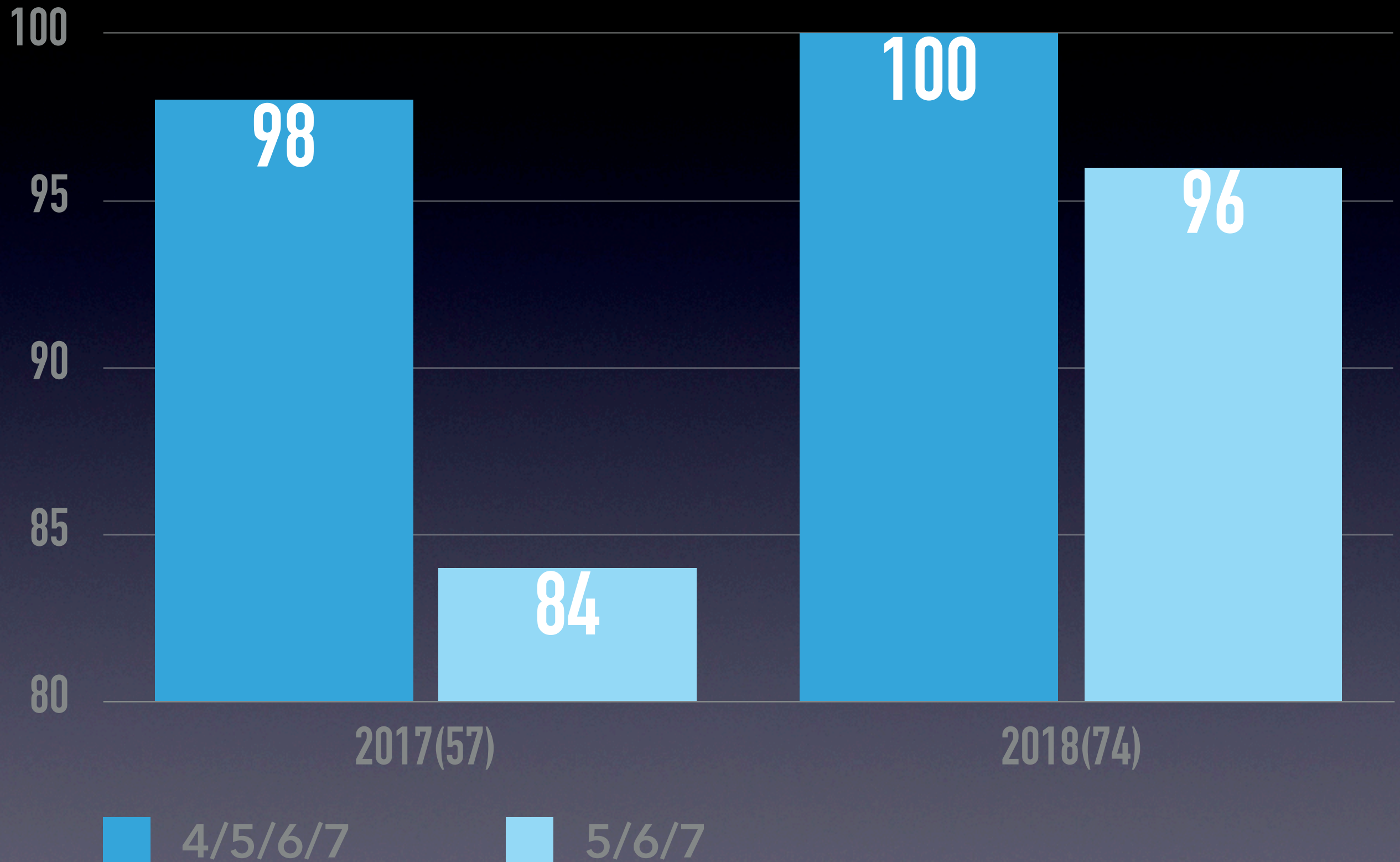
# Advanced Placement English Literature

## % Scoring

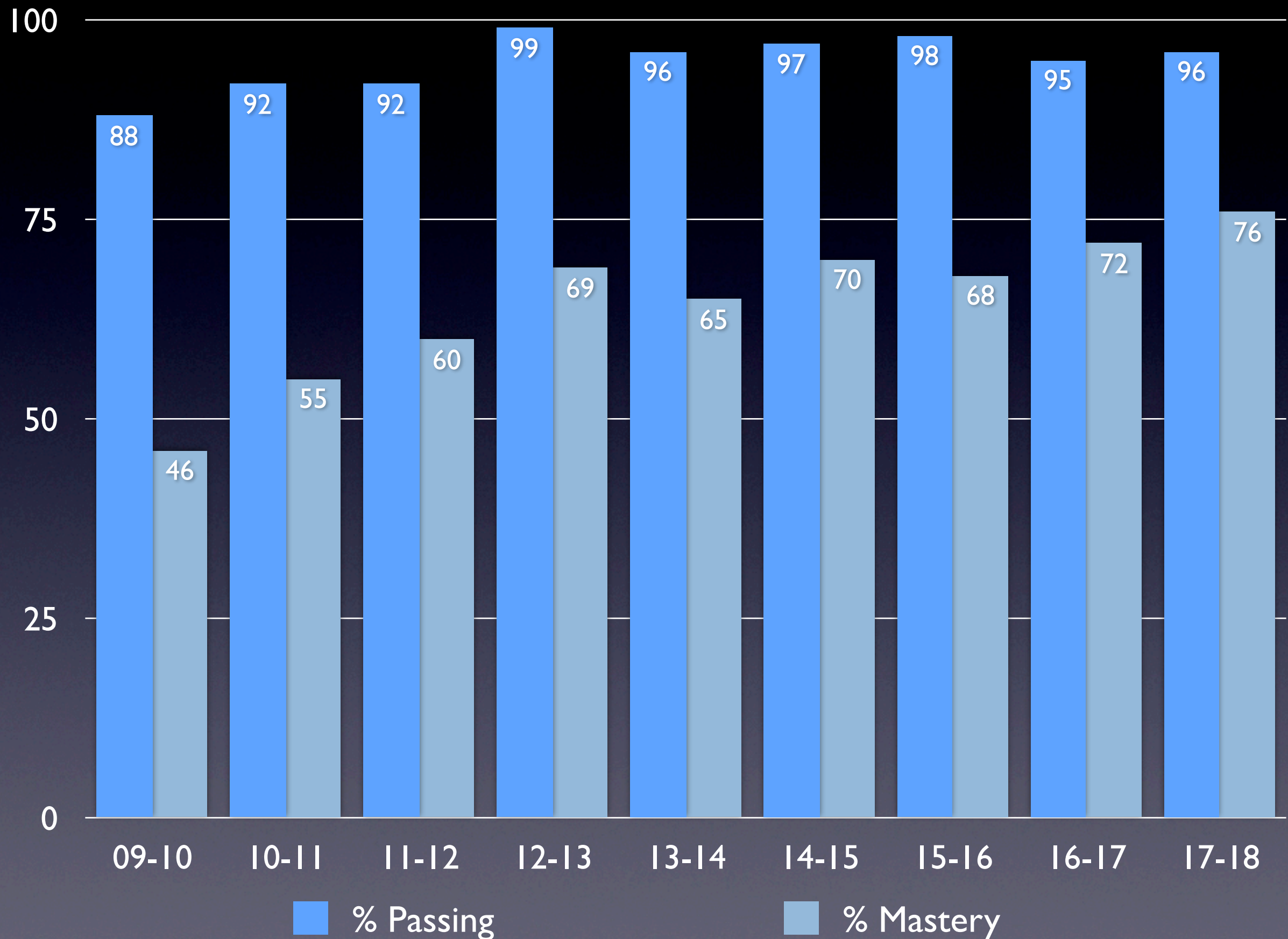




# IB LANGUAGE A (ENGLISH) HL – % SCORING

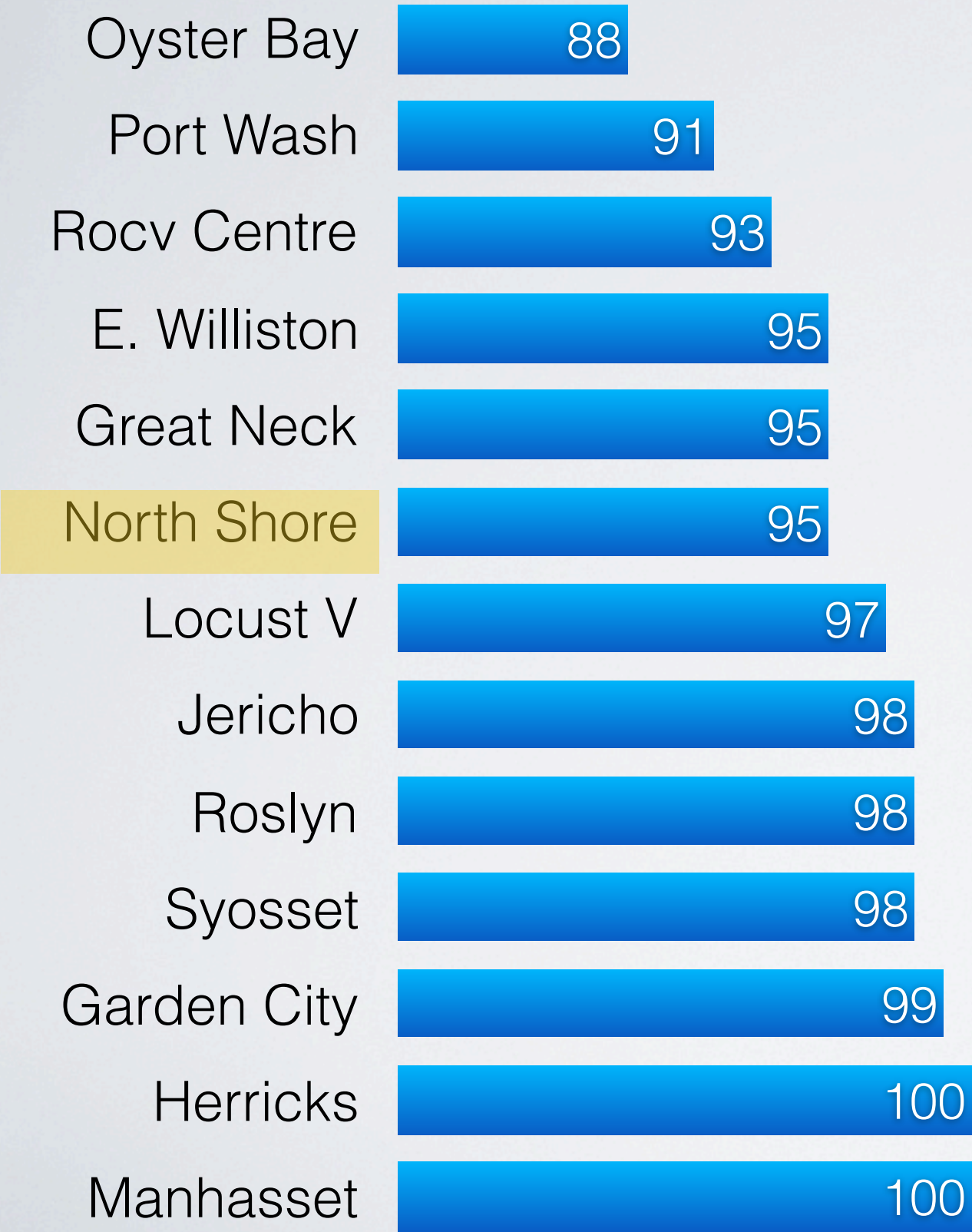


# Global History and Geography Regents





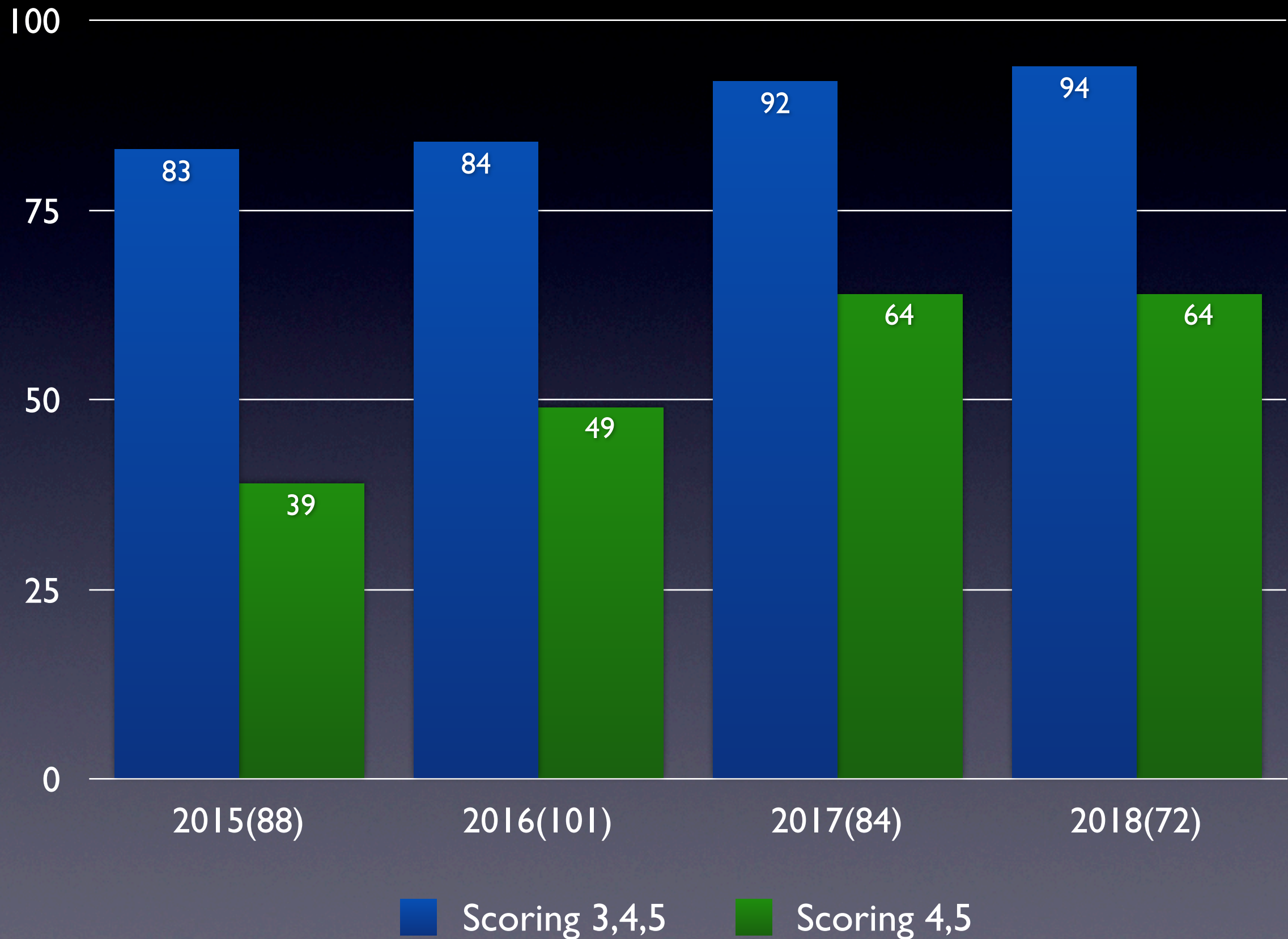
GLOBAL HISTORY  
AND GEOGRAPHY  
PASSING



GLOBAL HISTORY AND  
GEOGRAPHY MASTERY

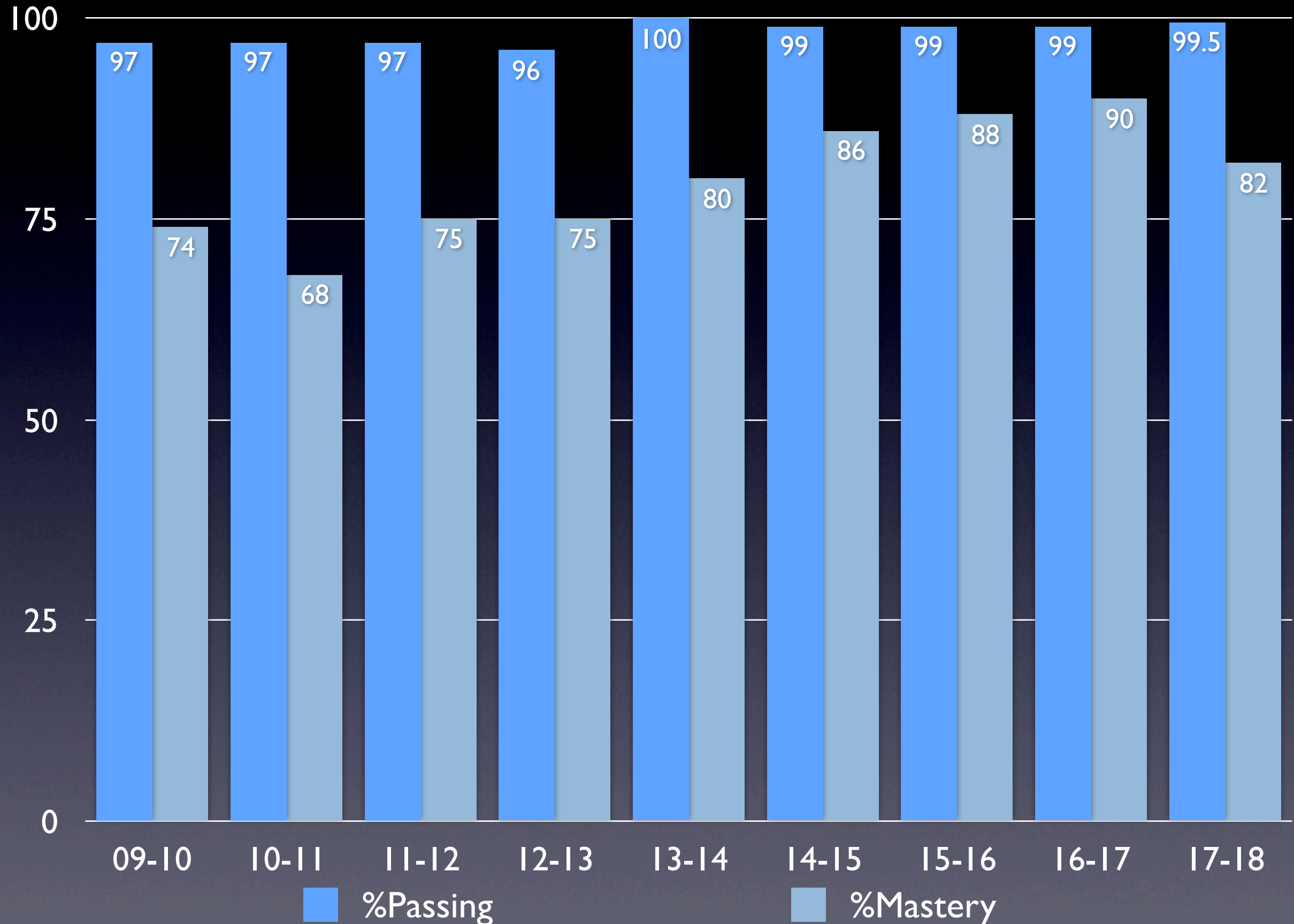


# Advanced Placement World History % Scoring





# US History and Government Regents

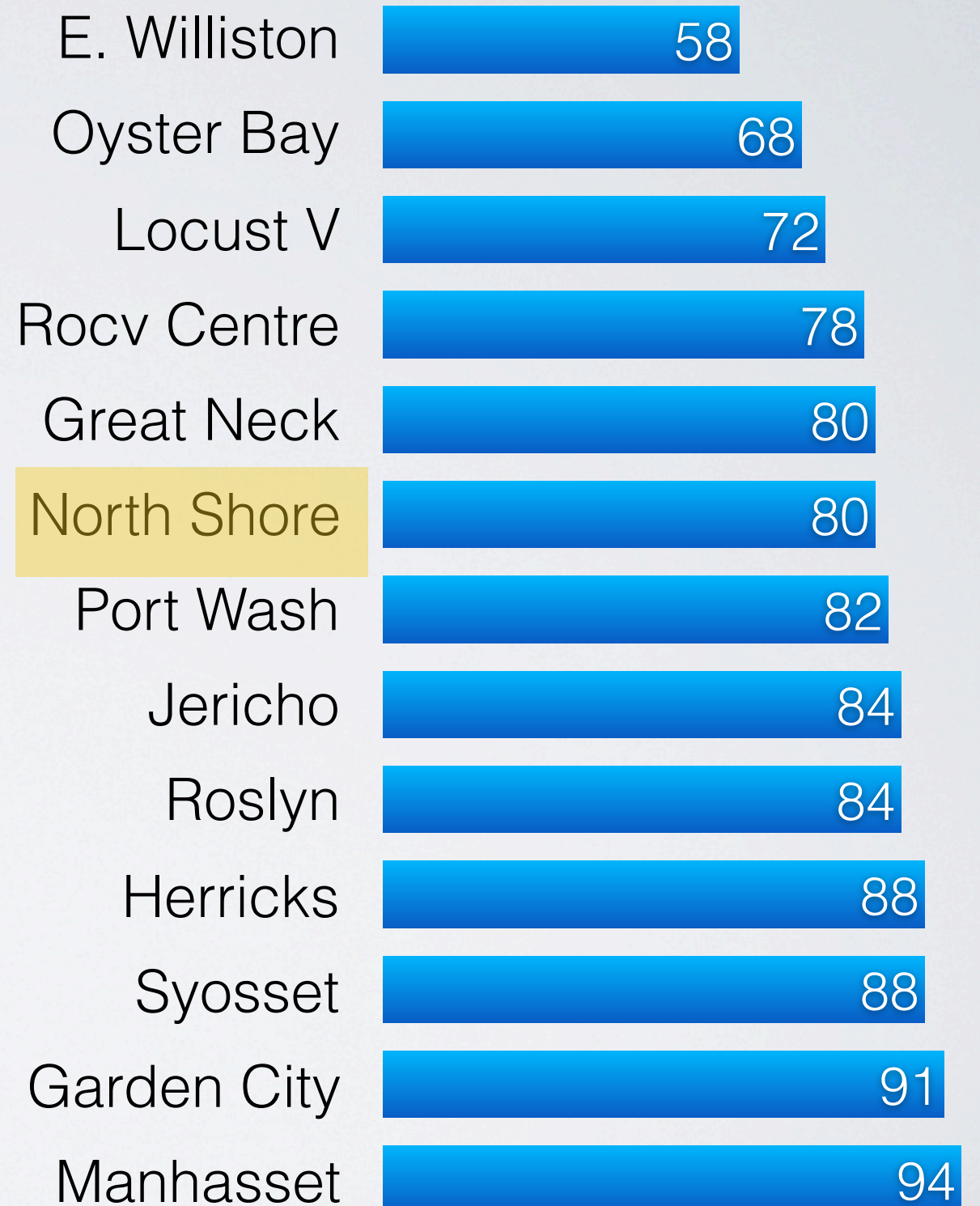




## US HISTORY & GOVERNMENT PASSING

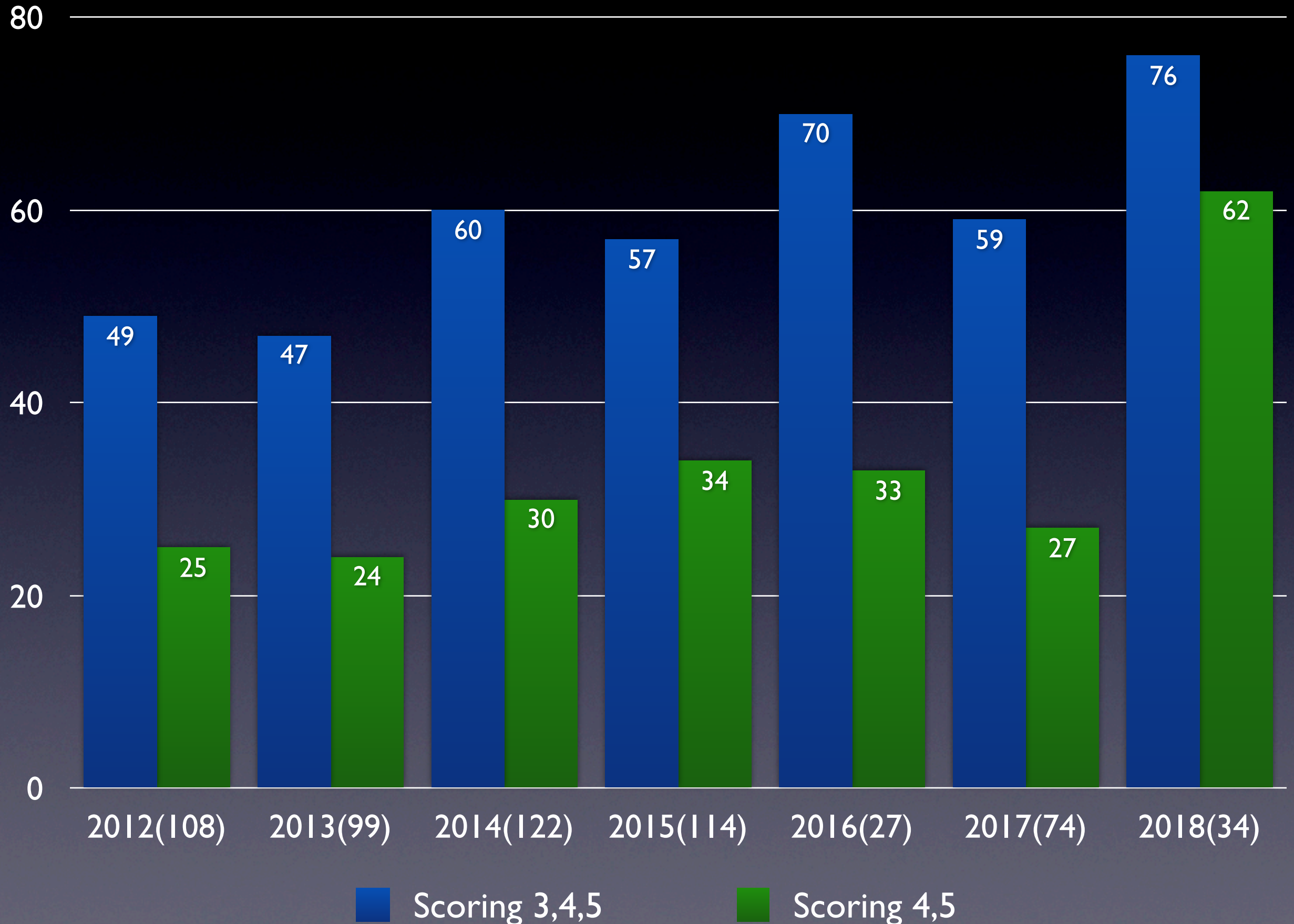


## US HISTORY & GOVERNMENT MASTERY



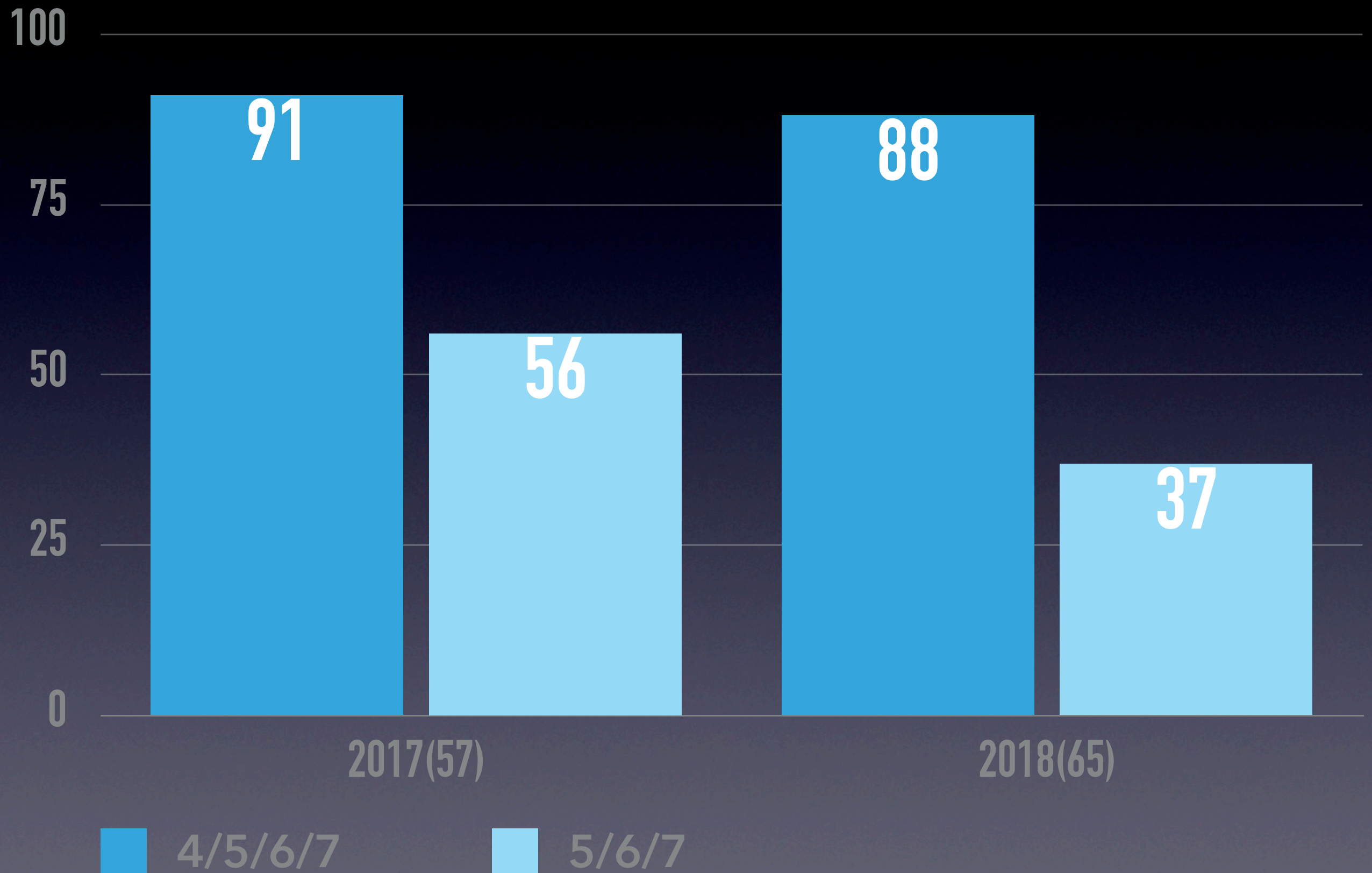
June 2018

# Advanced Placement US History % Scoring



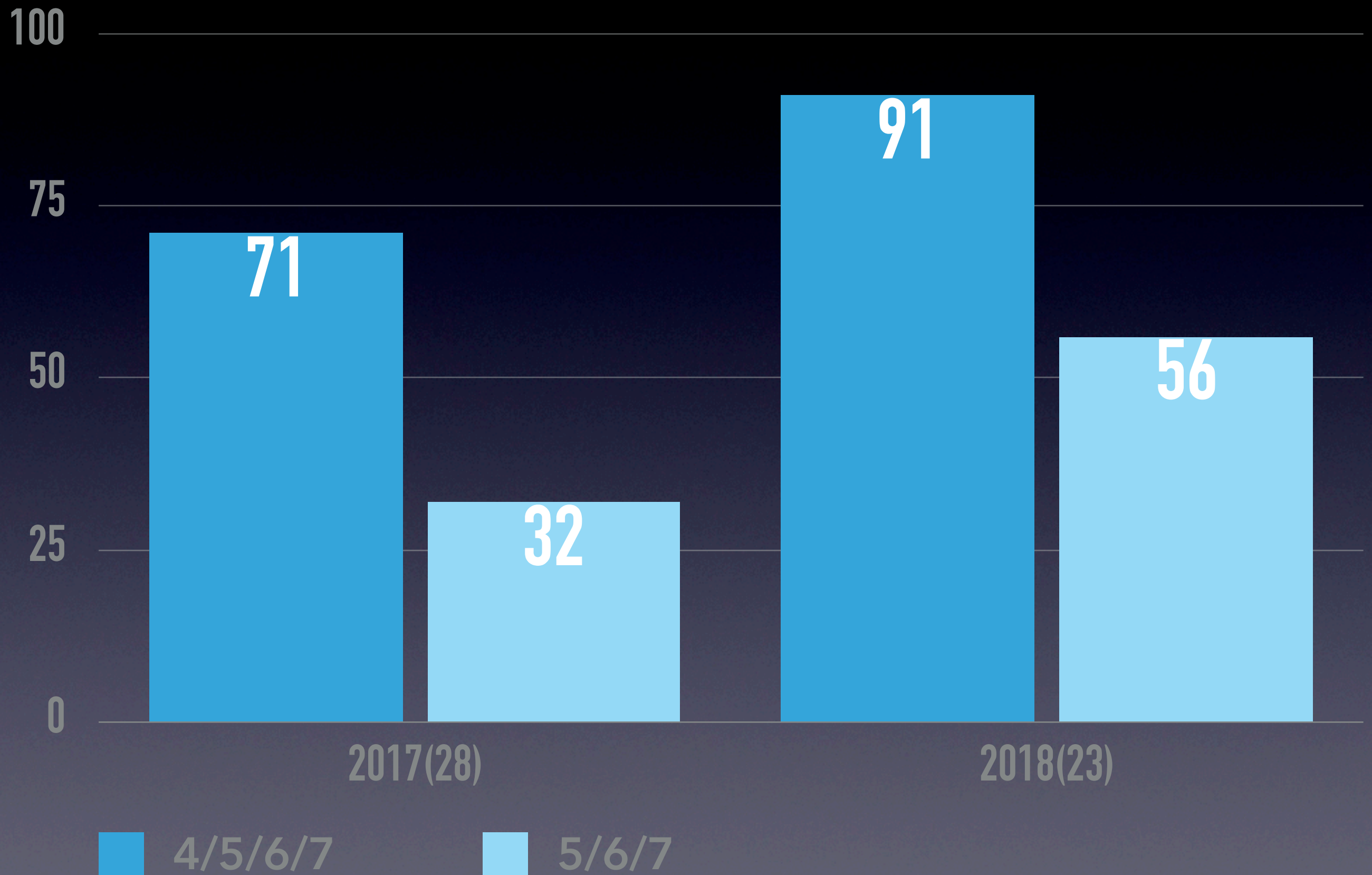


# IB HISTORY HL – % SCORING

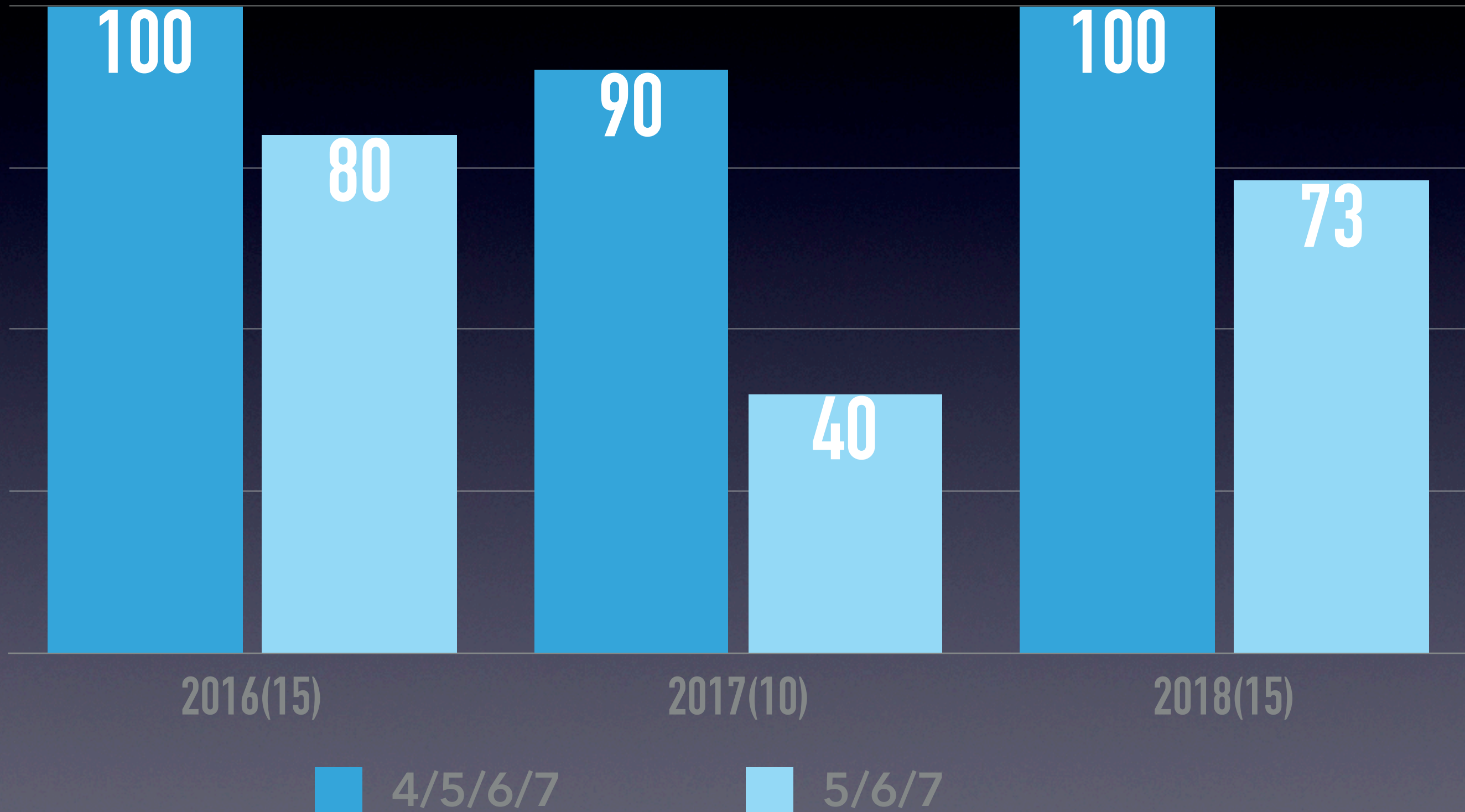




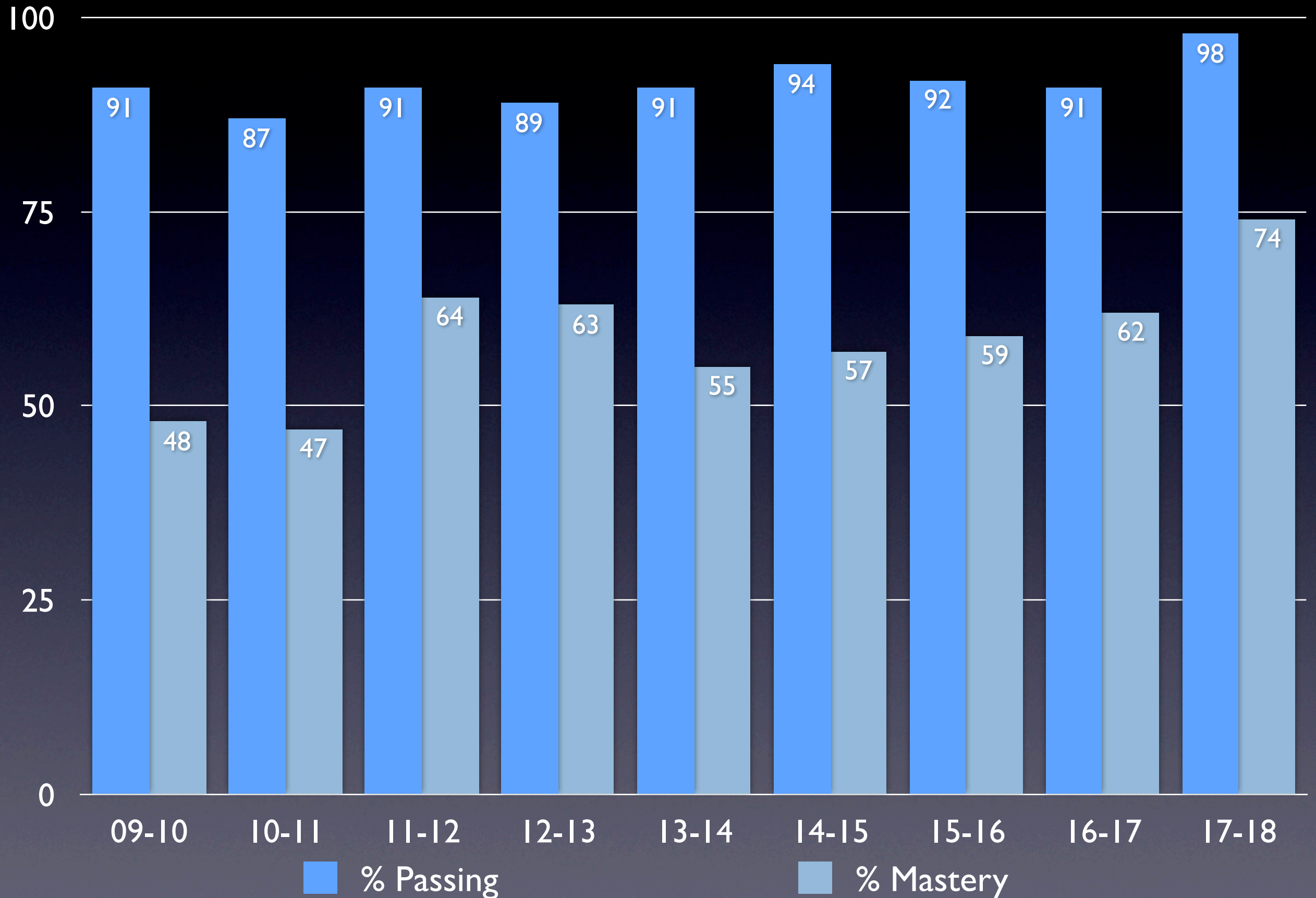
# IB BUSINESS SL – % SCORING



# IB SOC & CULTURAL ANTHROPOLOGY SL – % SCORING



# Earth Science Regents Exam

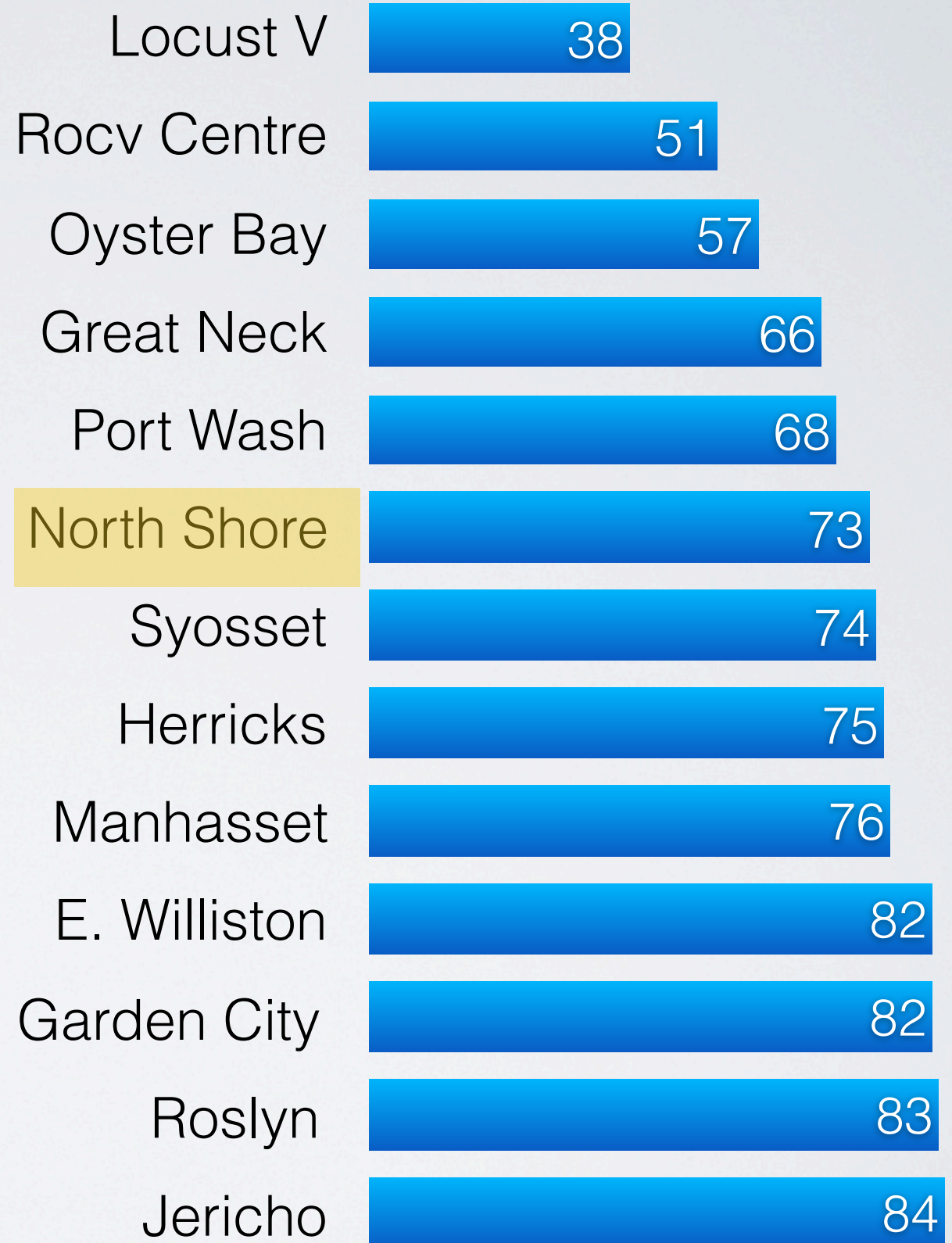




## EARTH SCIENCE PASSING

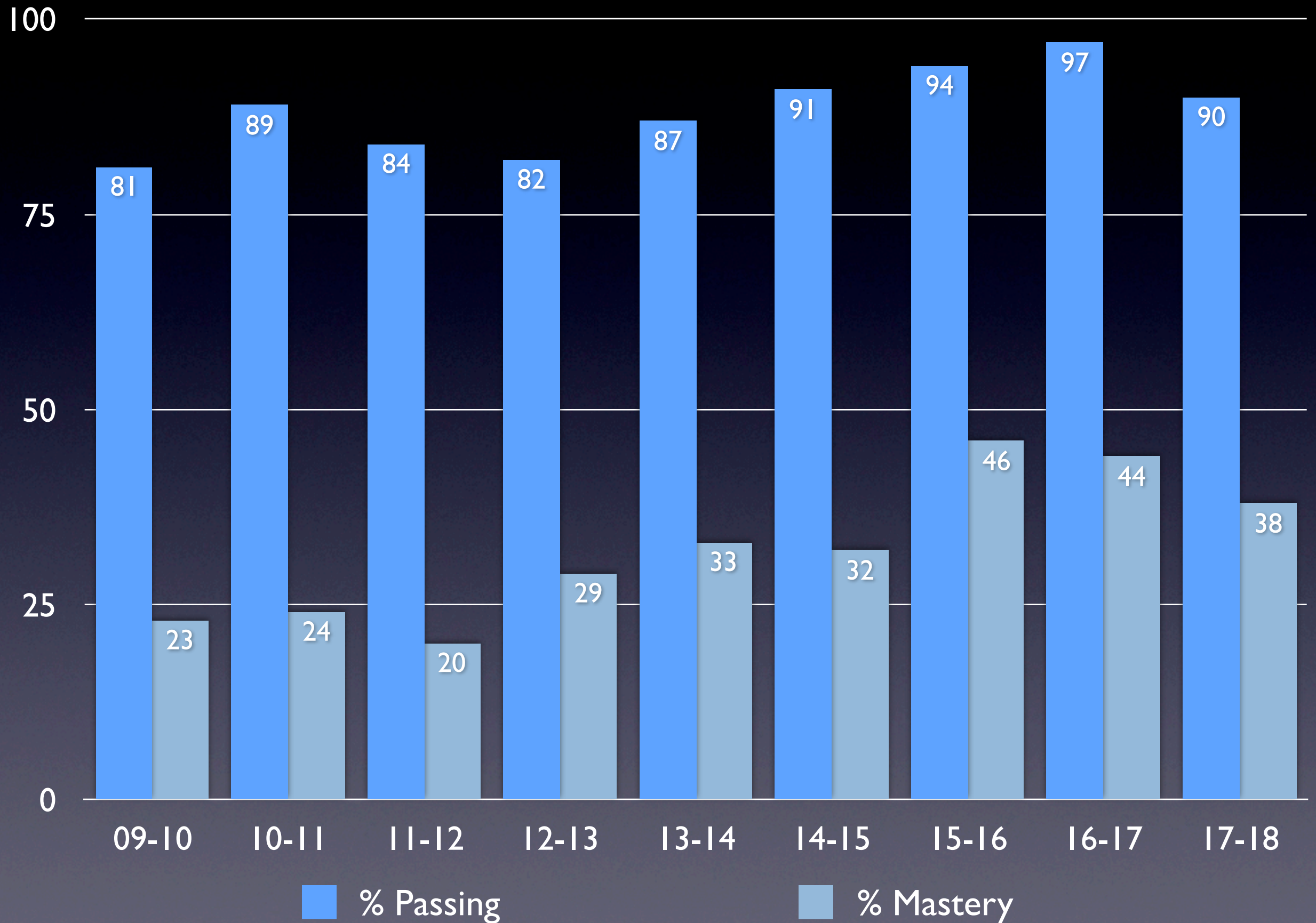


## EARTH SCIENCE MASTERY



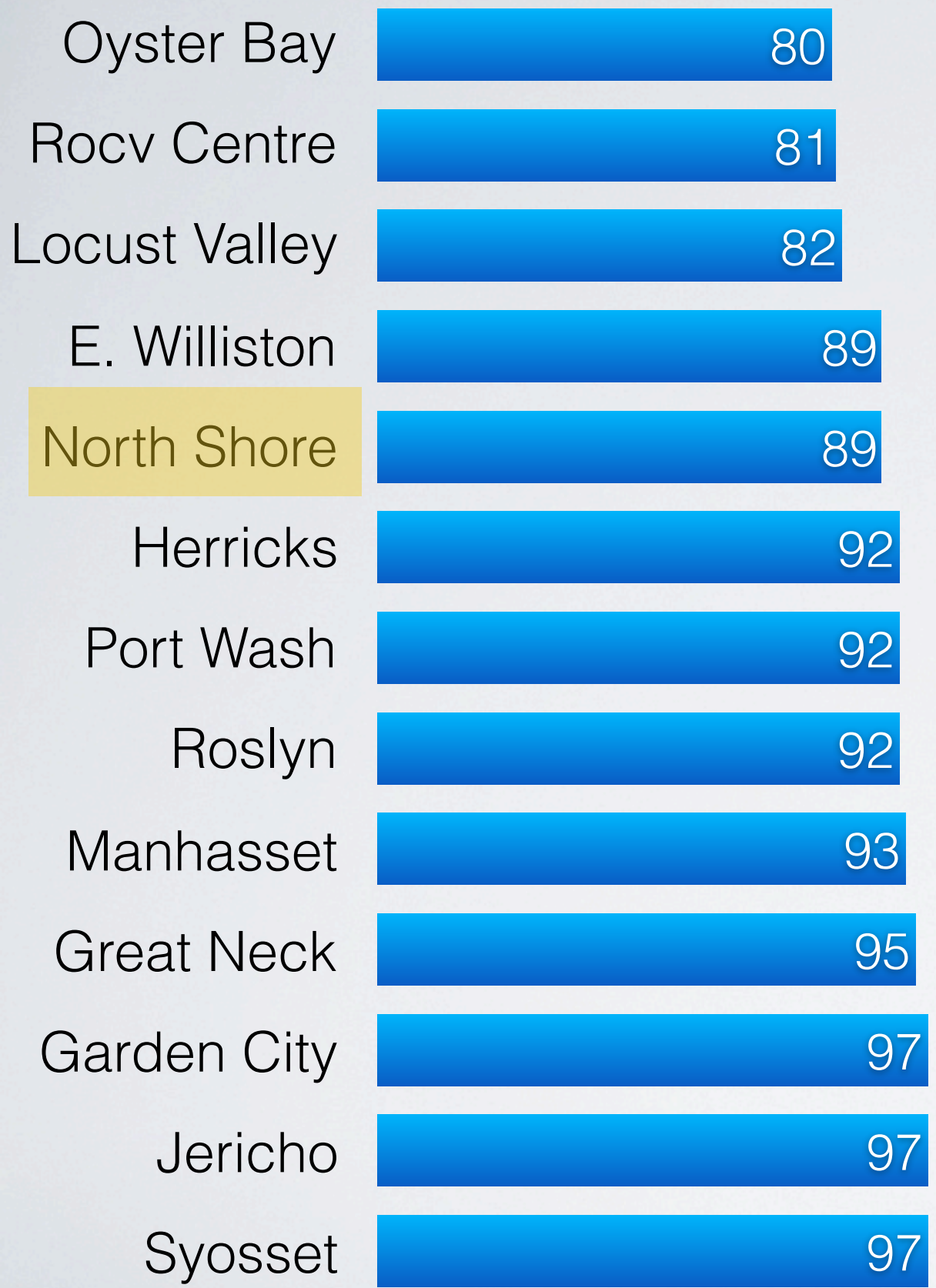
June 2018

# Chemistry Regents

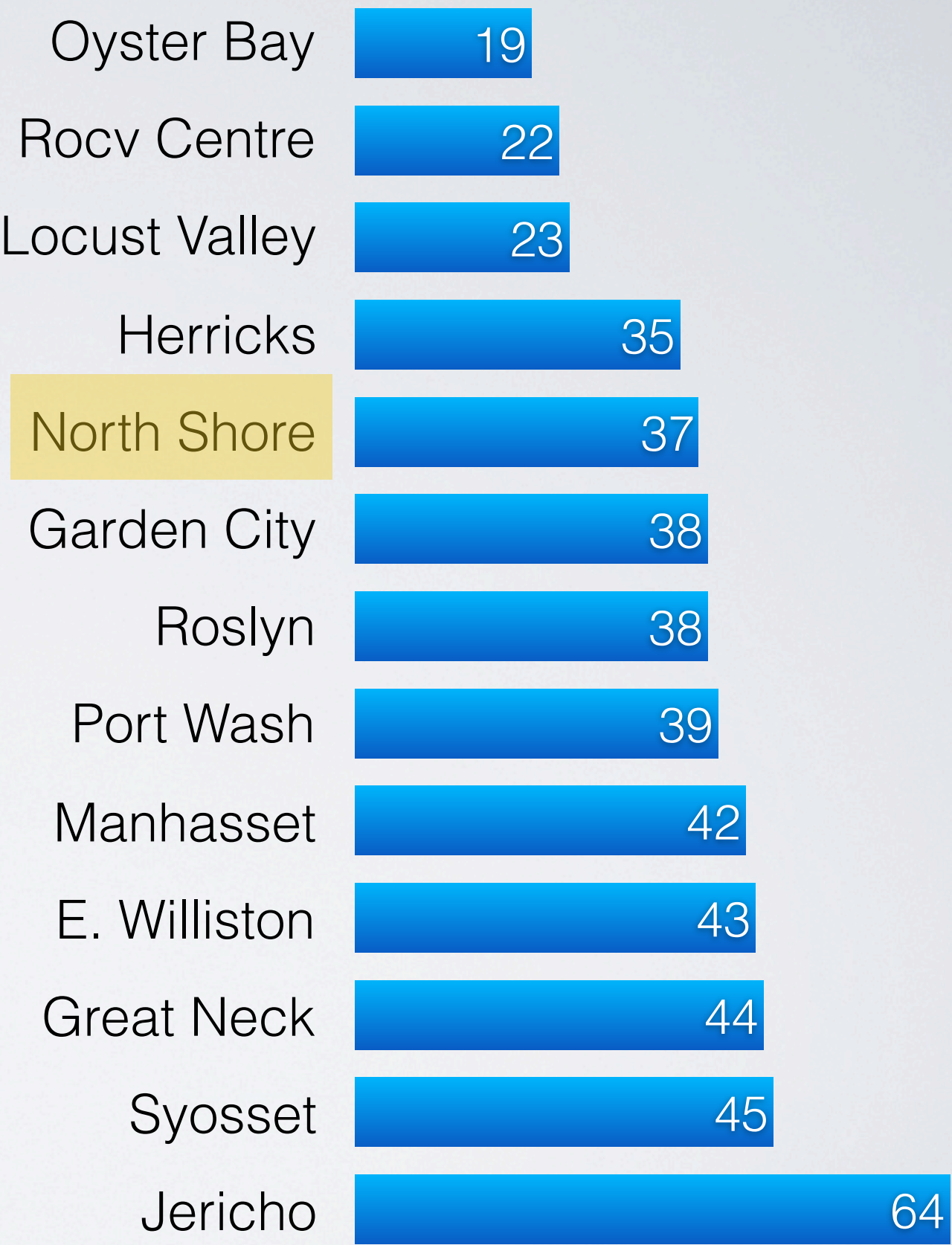




CHEMISTRY PASSING

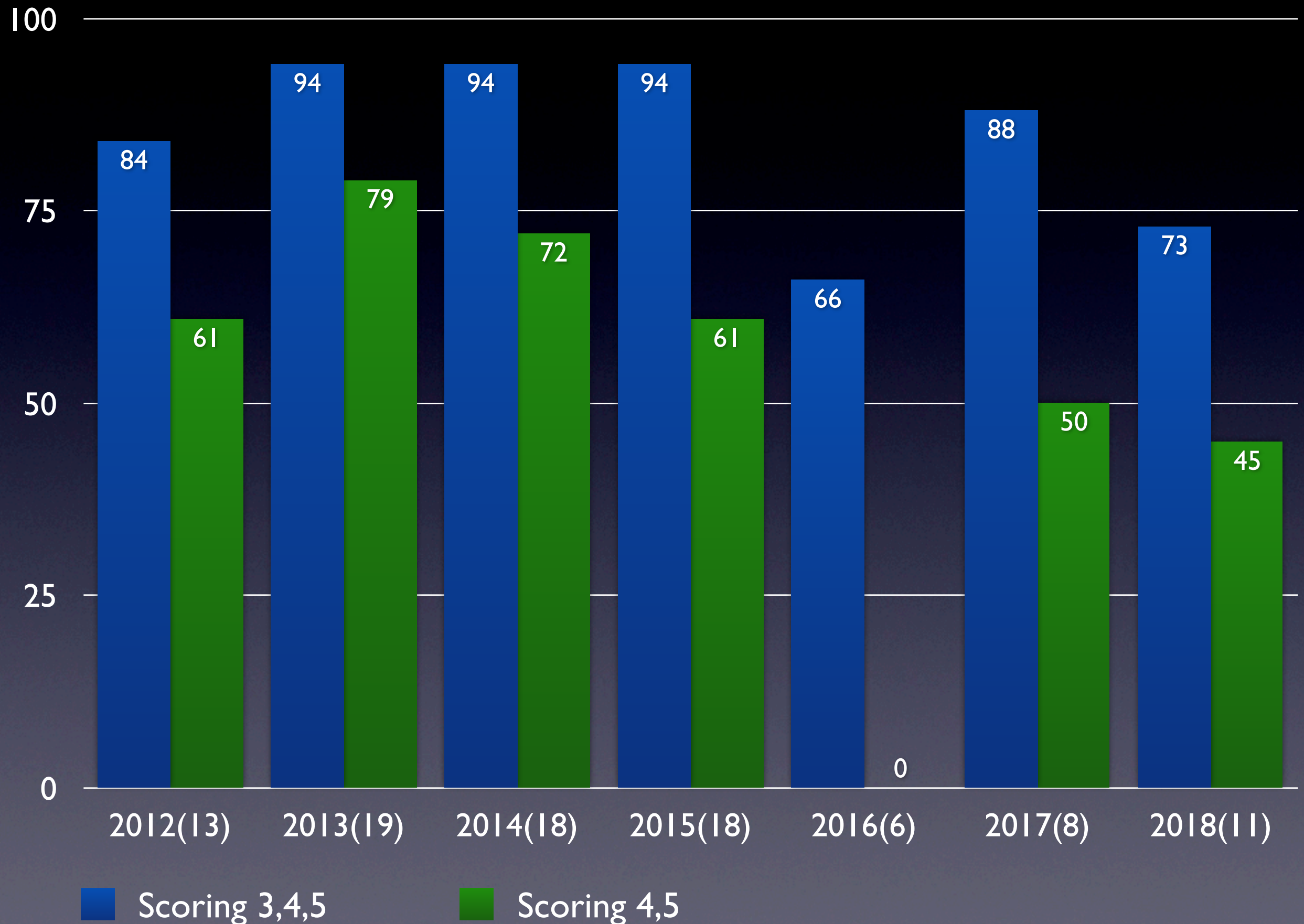


CHEMISTRY MASTERY

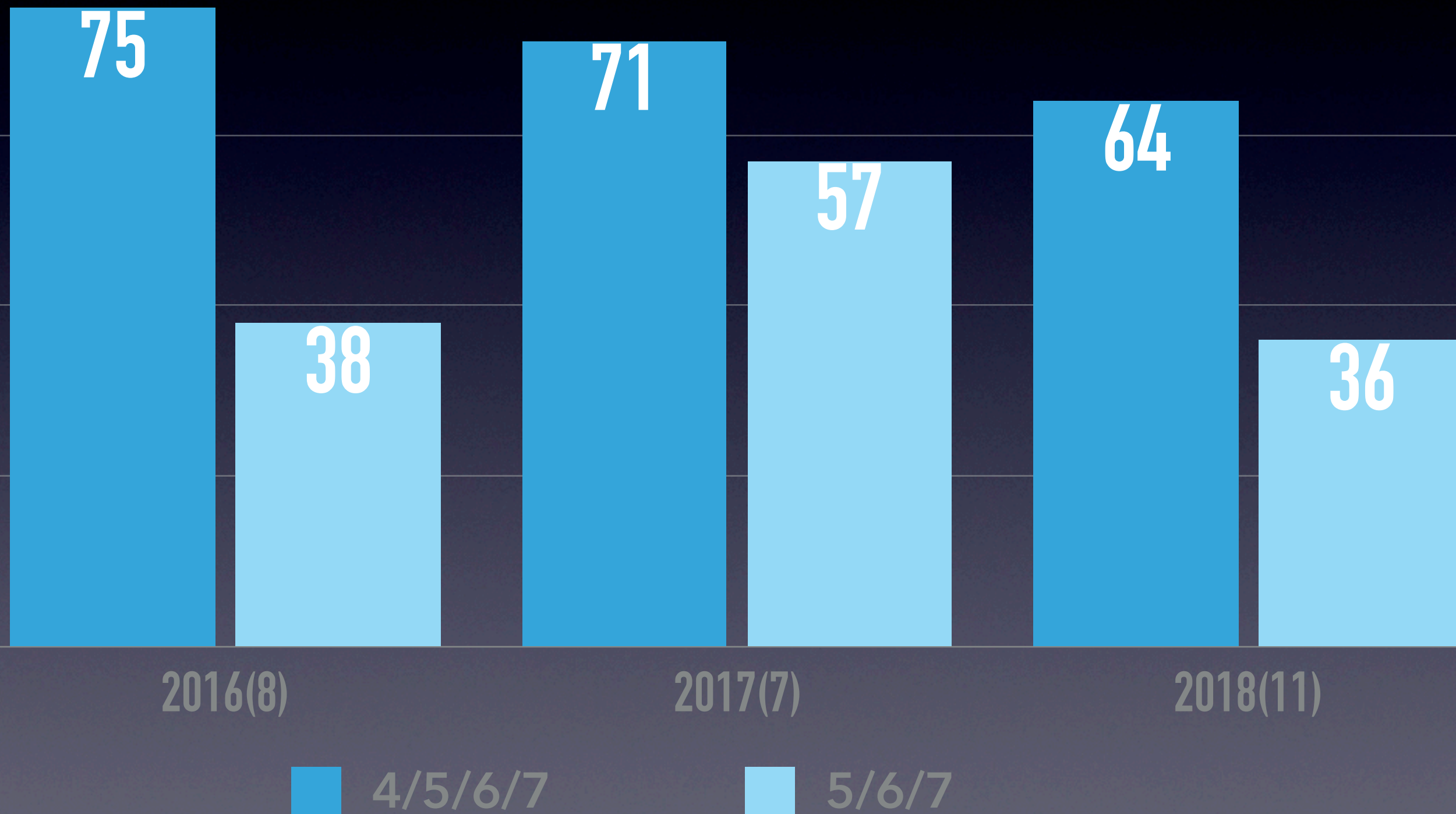




# Advanced Placement Chemistry % Scoring

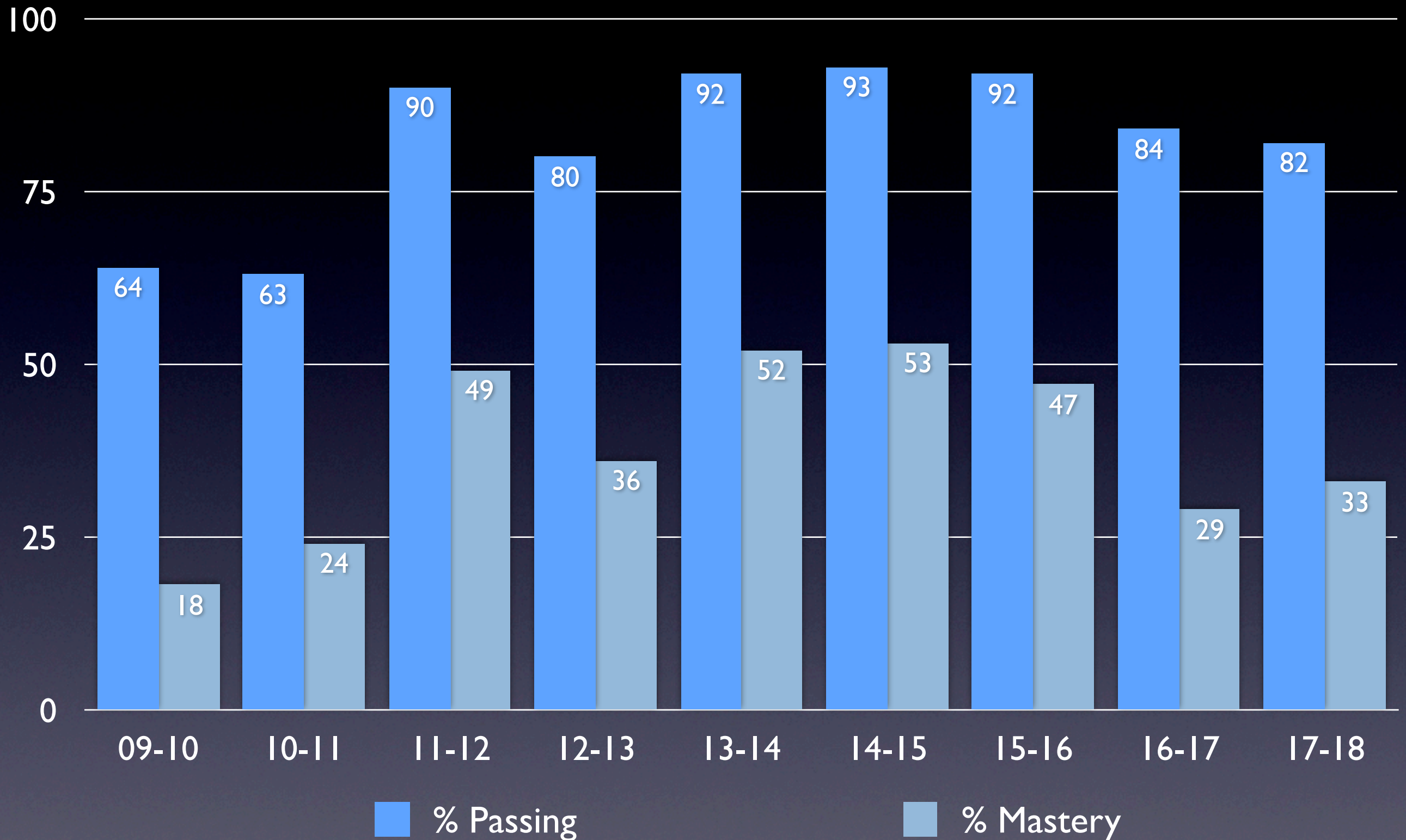


# IB CHEMISTRY SL – % SCORING





# Physics Regents Exam\*



\*Beginning in 11-12, students enrolled in Regents Physics were given an option to take the Regents exam in Physics. This exam is not a graduation requirement. In 2016 - 2017 all Regents Physics students were required to sit for the exam. Most IB Physics students did not take the exam in 16-17 and in prior years Honors and AP students also took the Regents.



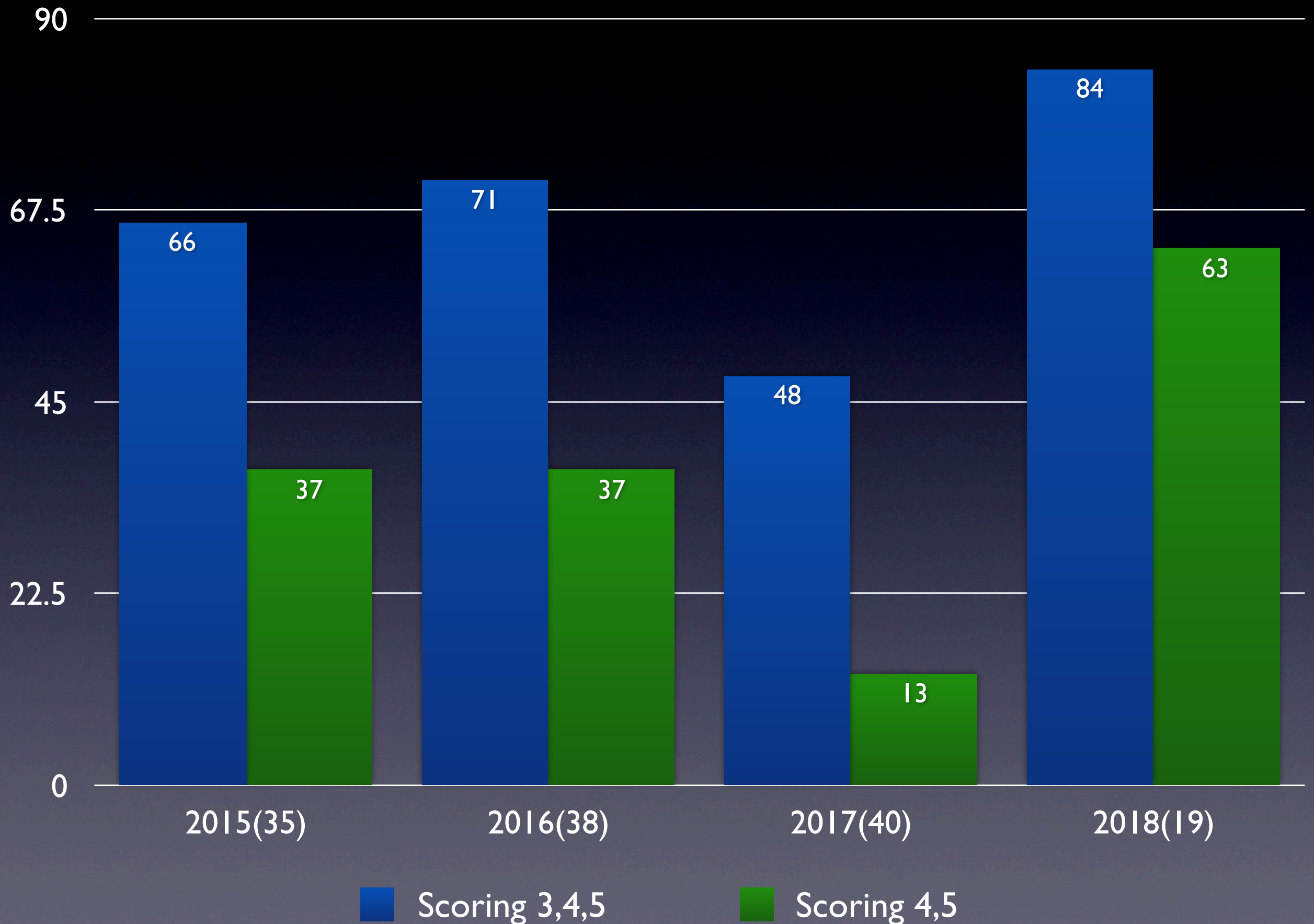
PHYSICS PASSING



PHYSICS MASTERY

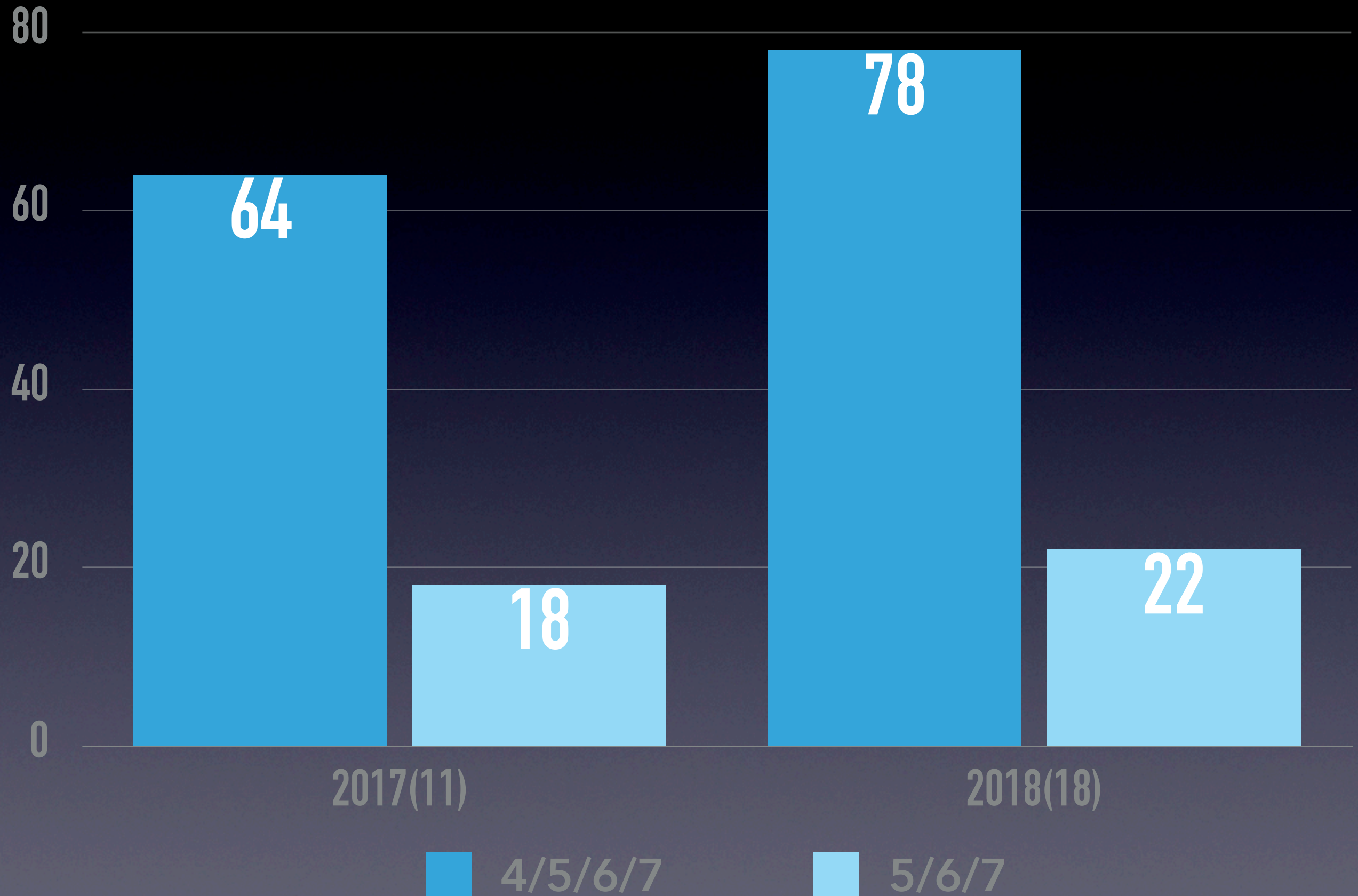


# Advanced Placement Physics (Physics I)



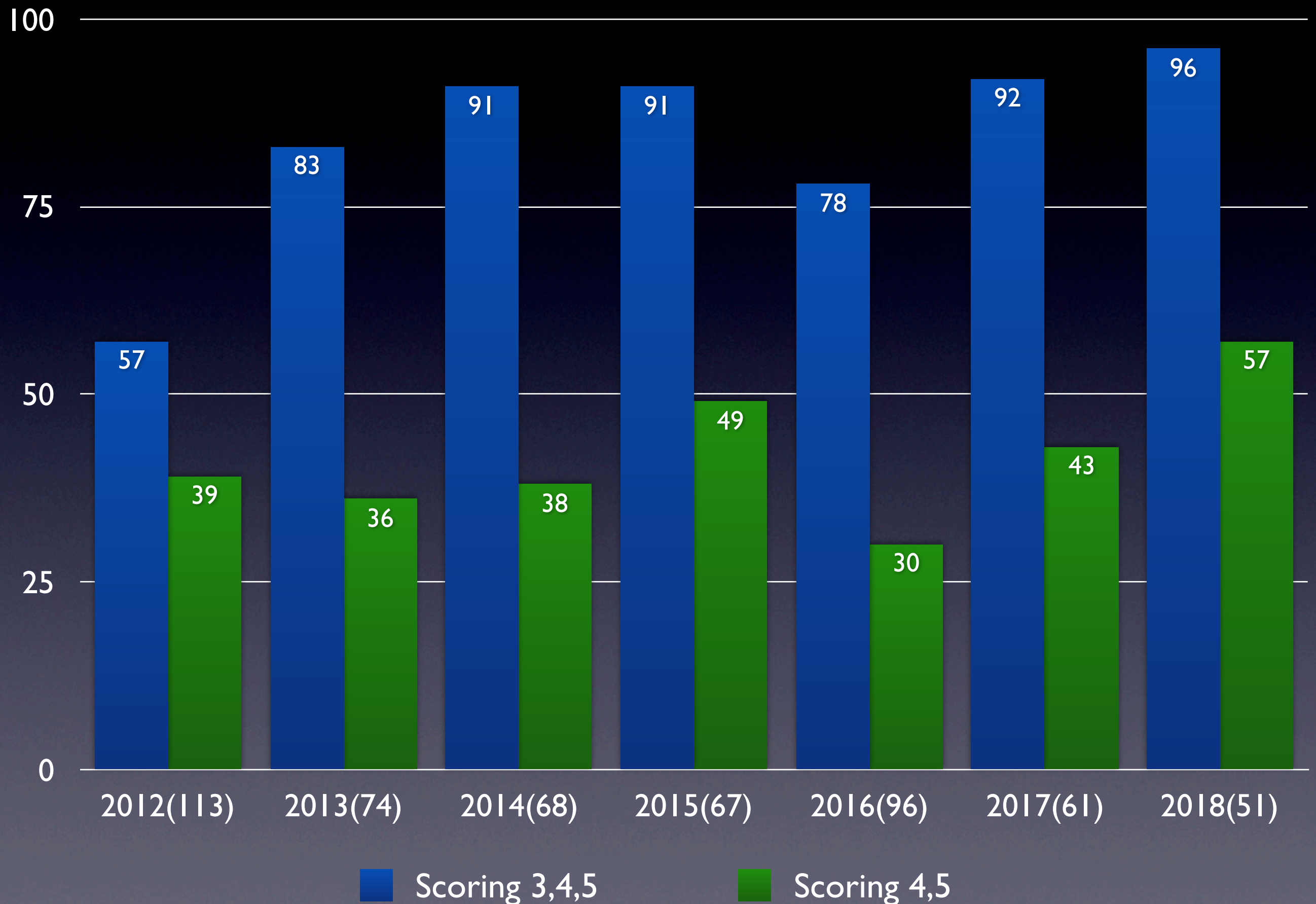


# IB PHYSICS HL – % SCORING

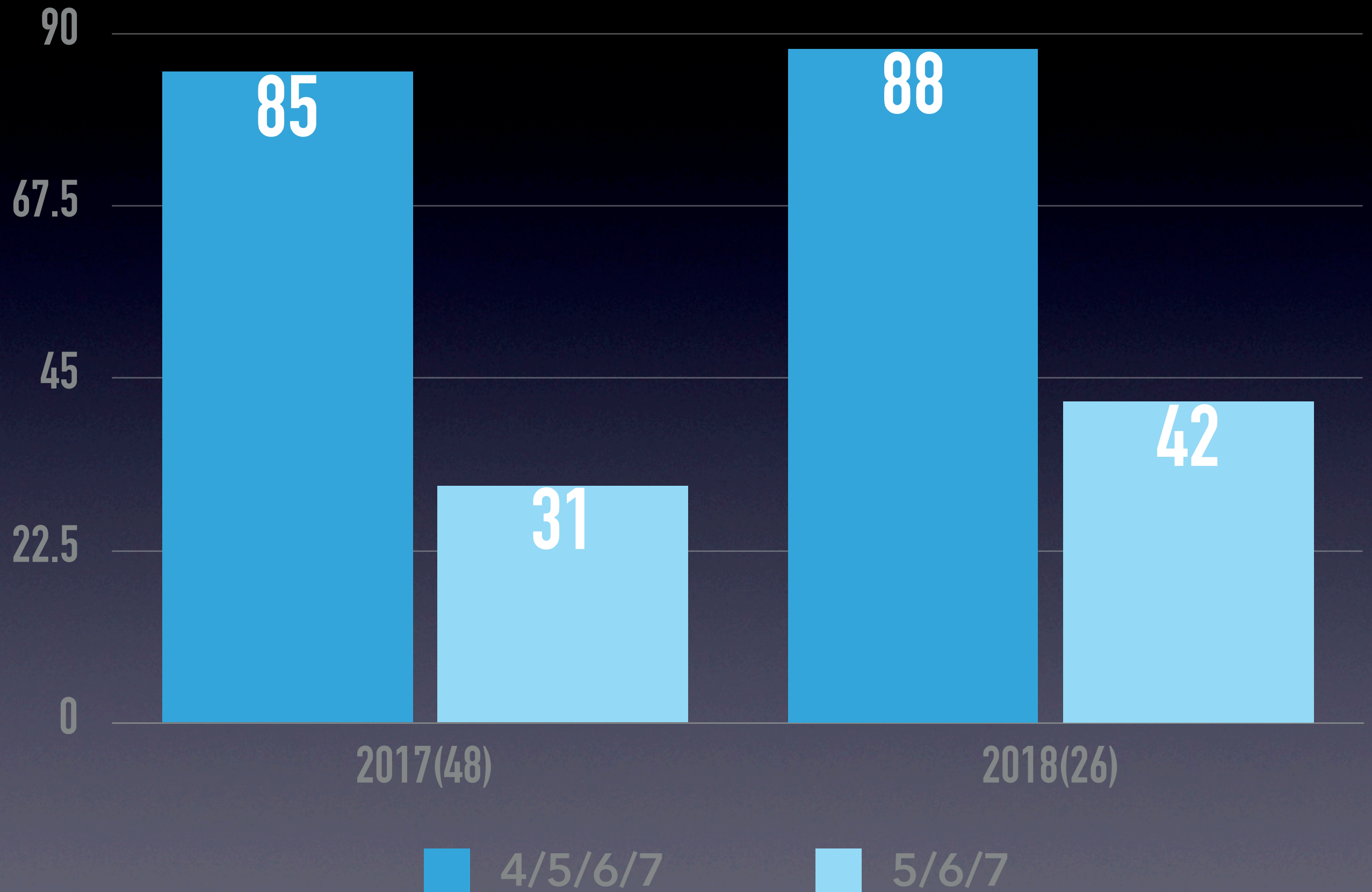




# Advanced Placement Biology % Scoring

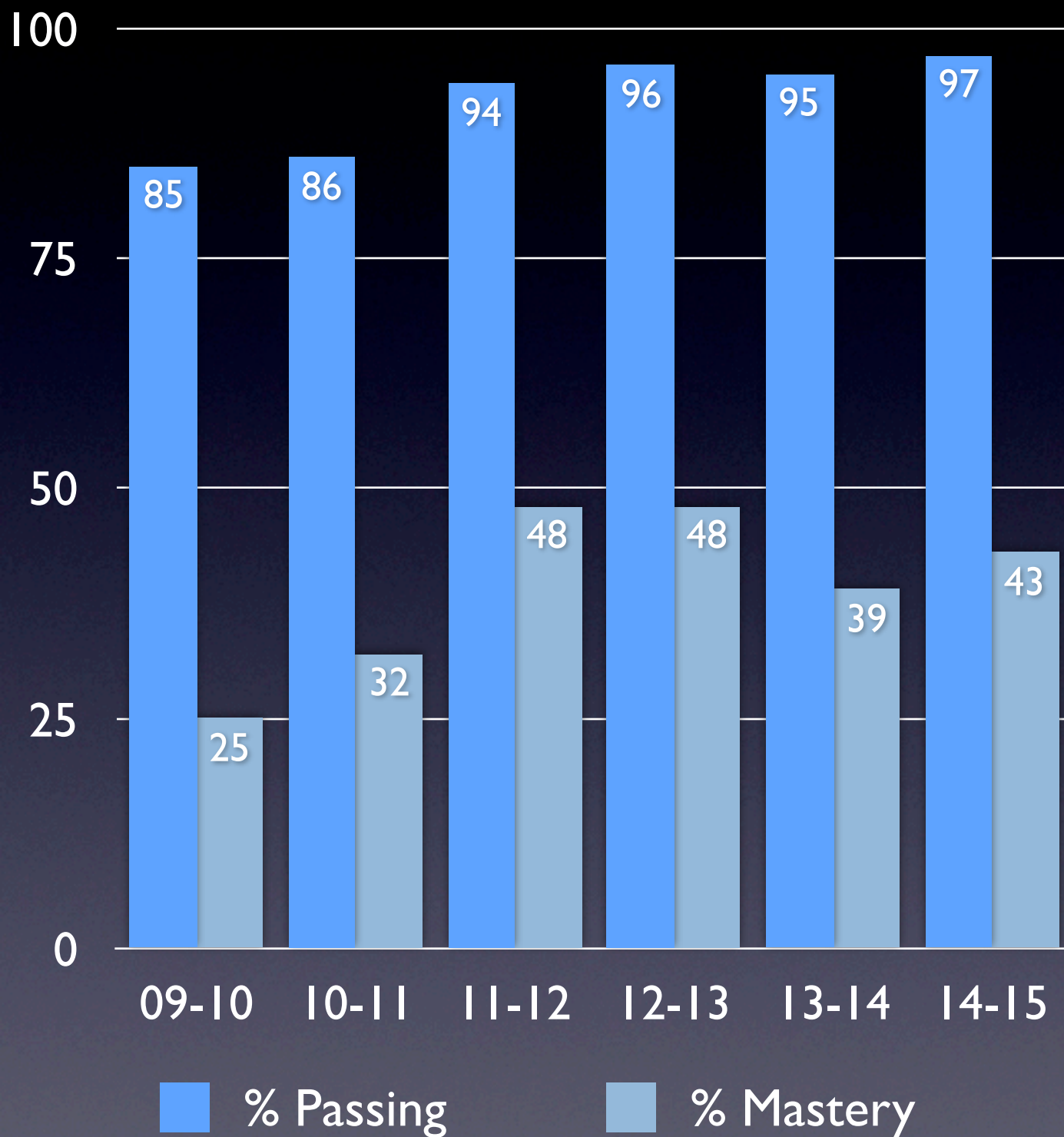


# IB BIOLOGY HL – % SCORING

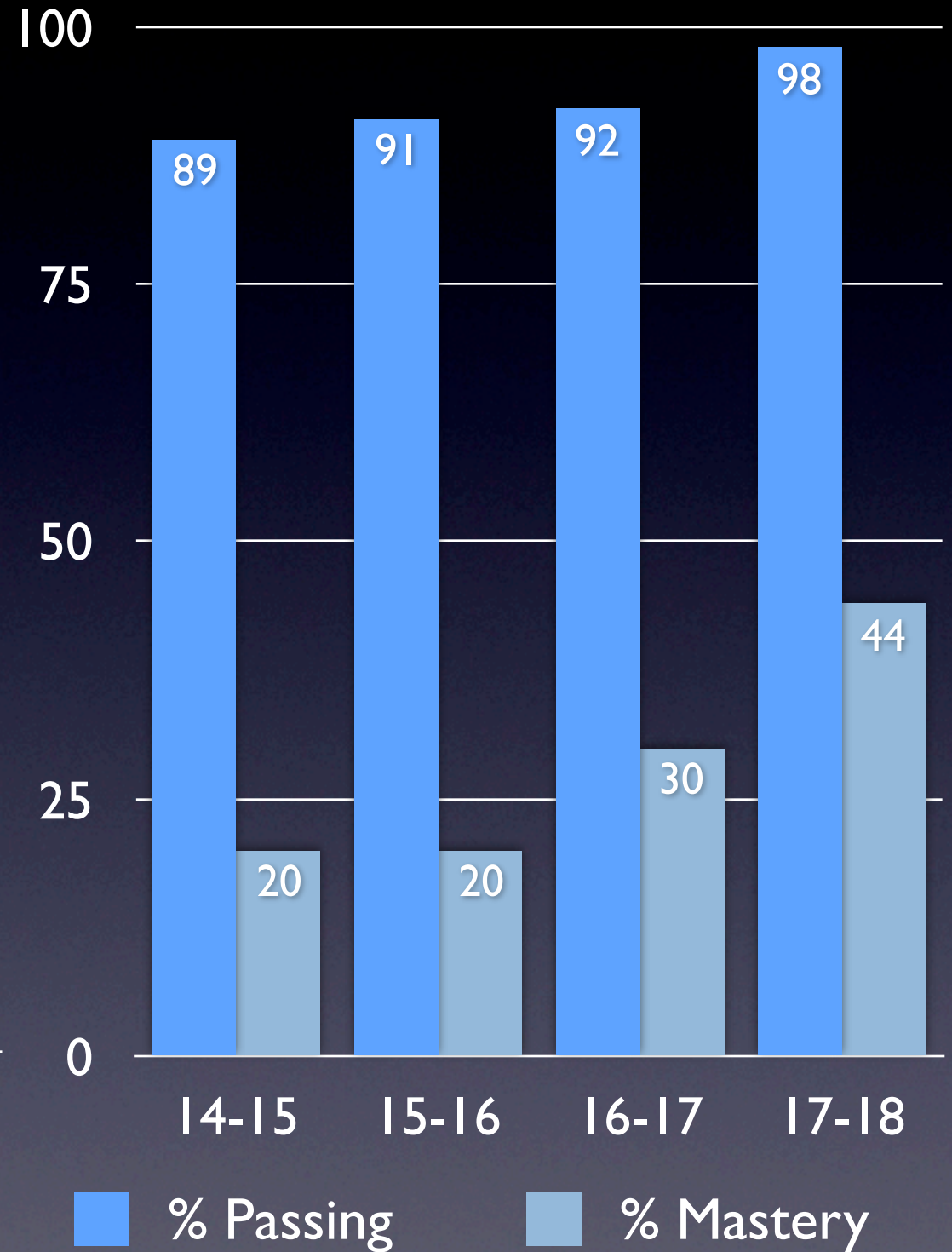




## Geometry Regents



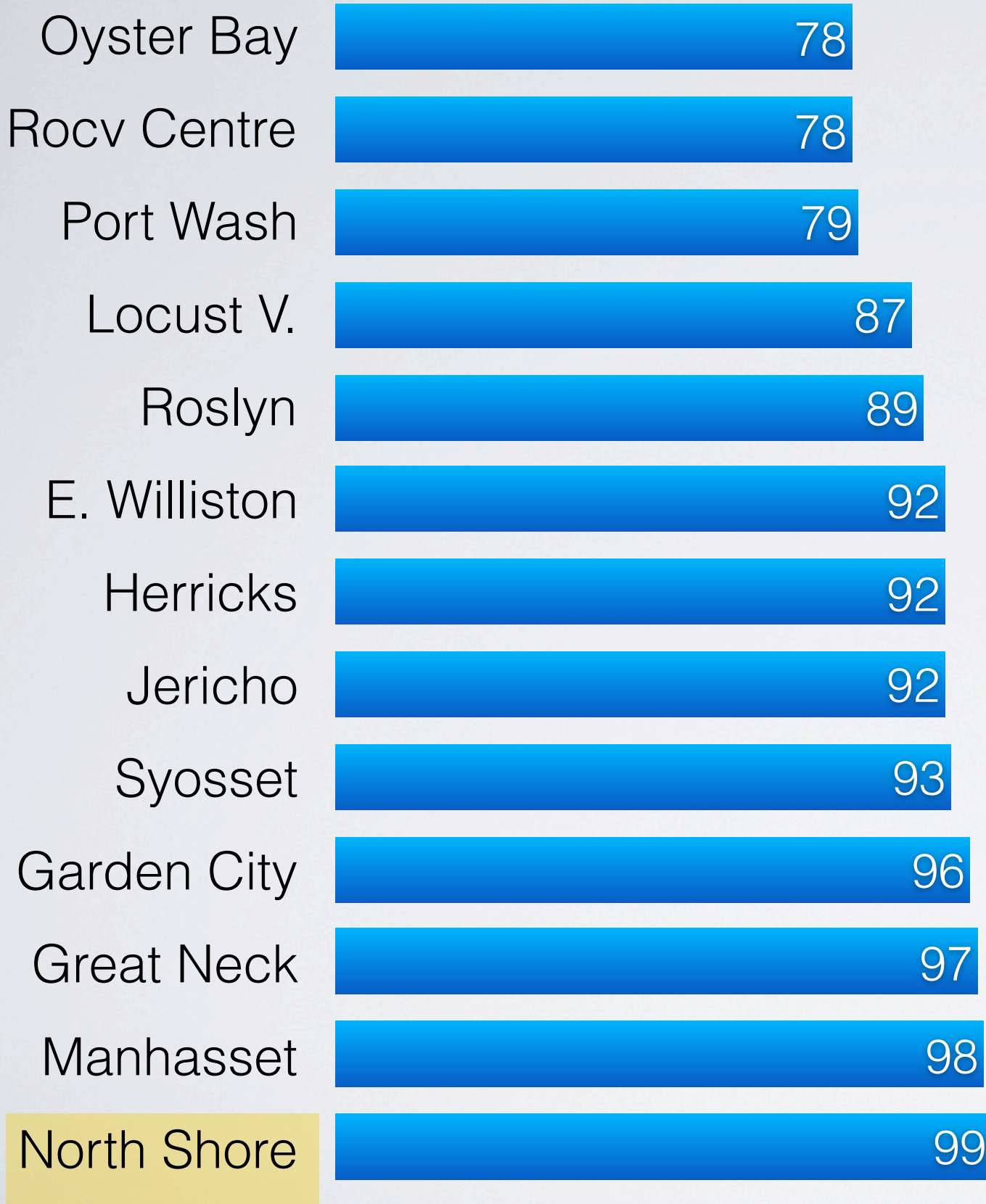
## Geometry Common Core





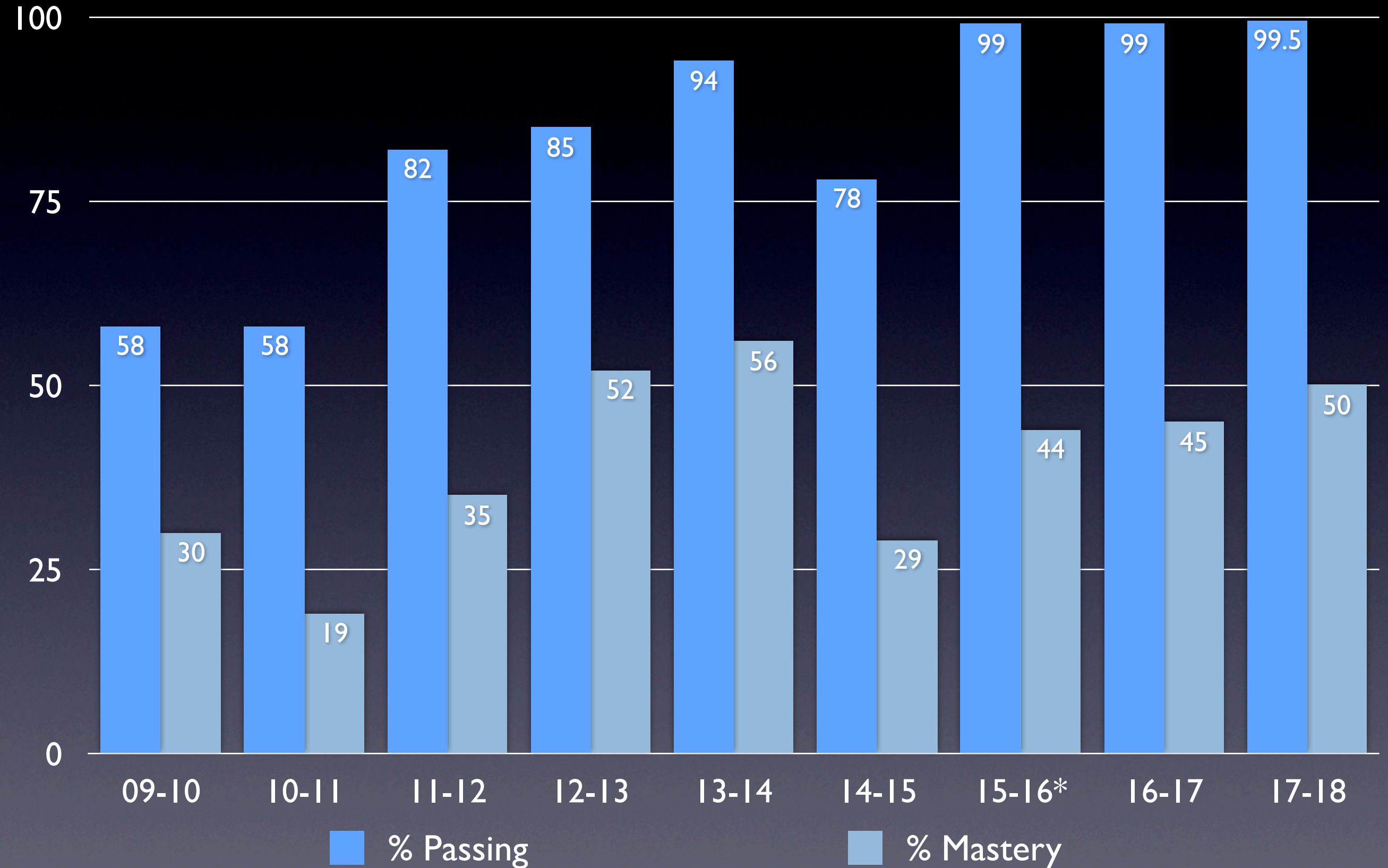
## COMMON CORE GEOMETRY PASSING

## COMMON CORE GEOMETRY MASTERY



June 2018

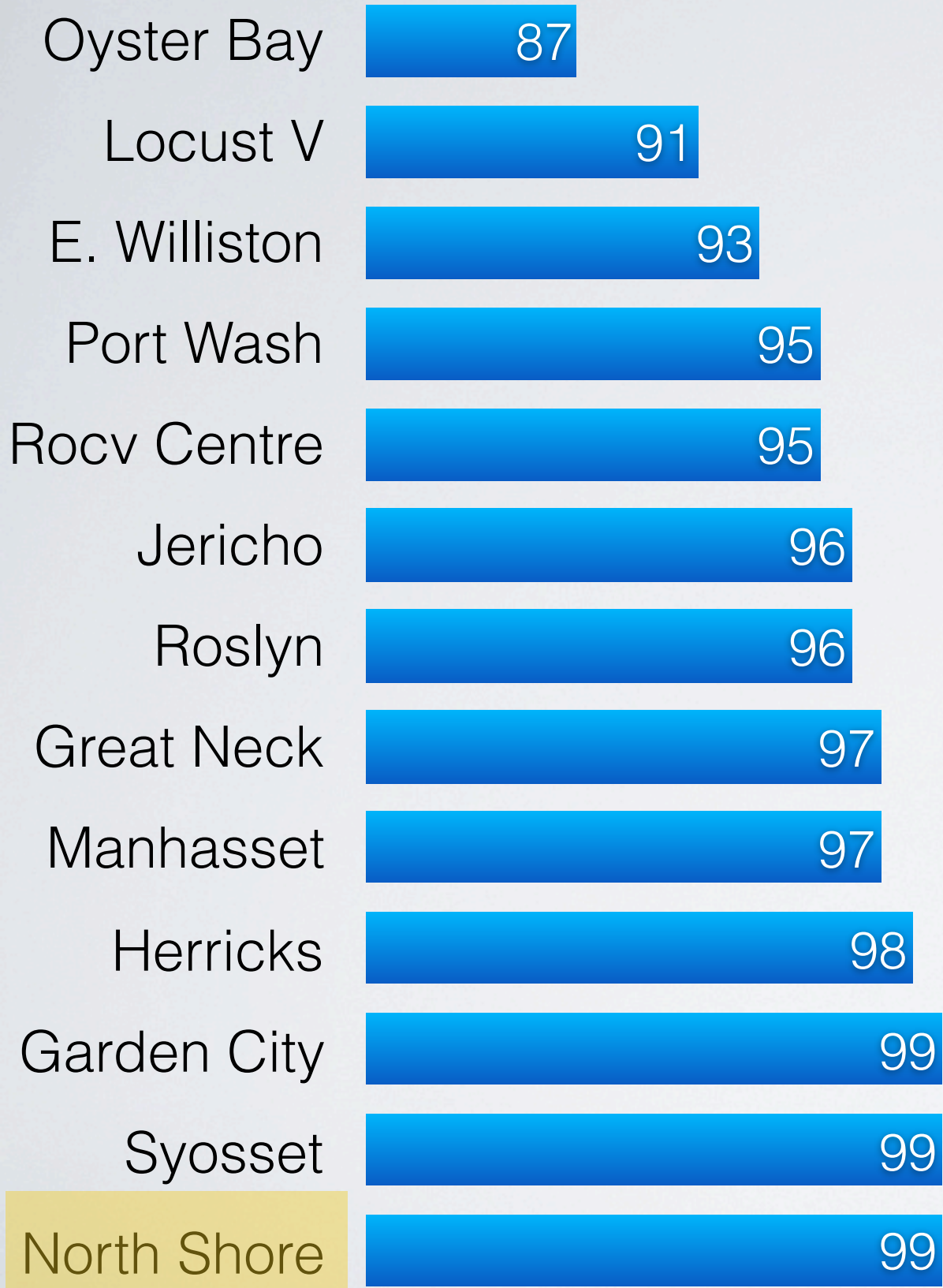
# Algebra 2 and Trigonometry/Algebra 2\*



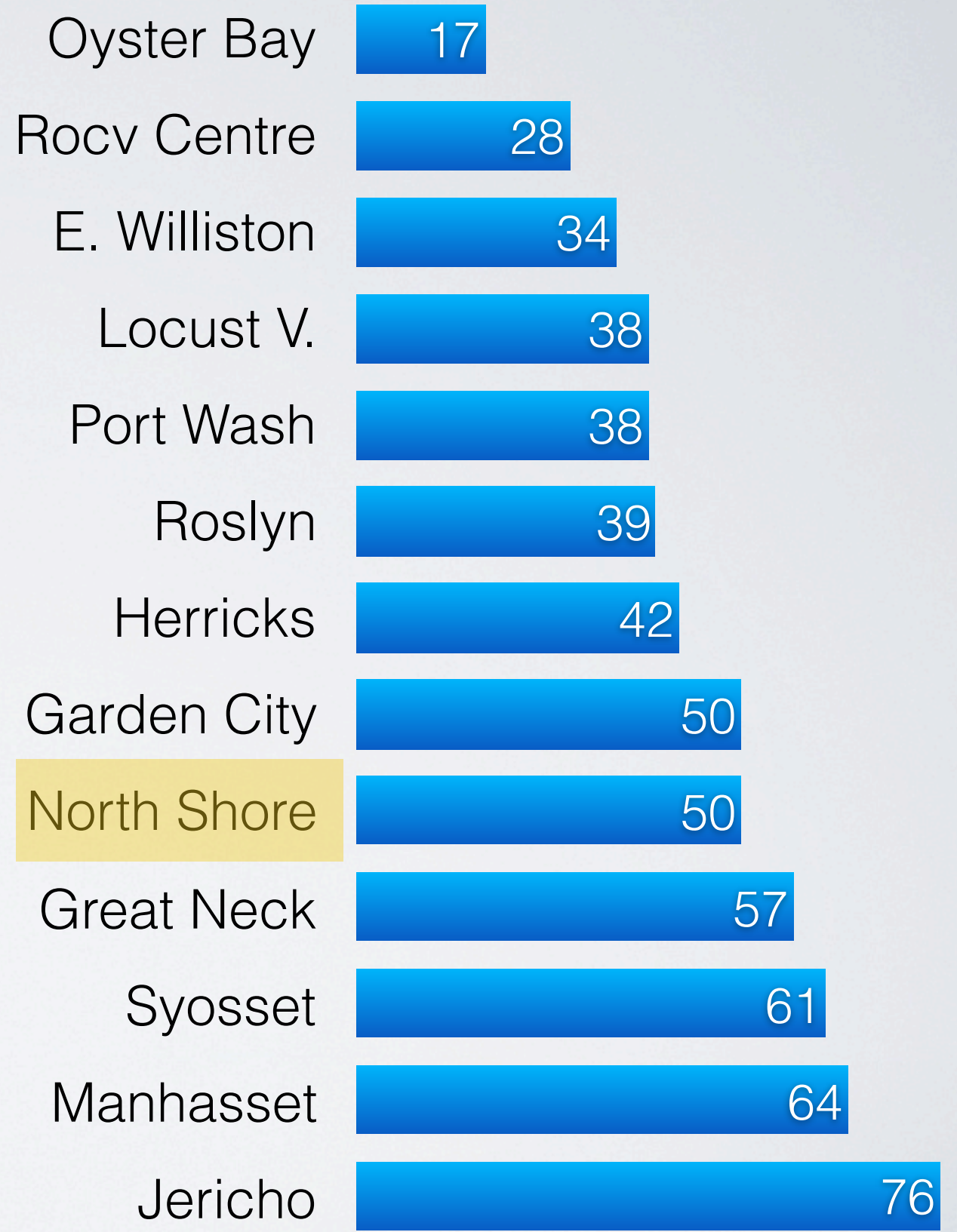
\* NYS shift to Common Core Algebra 2



## COMMON CORE ALGEBRA II PASSING



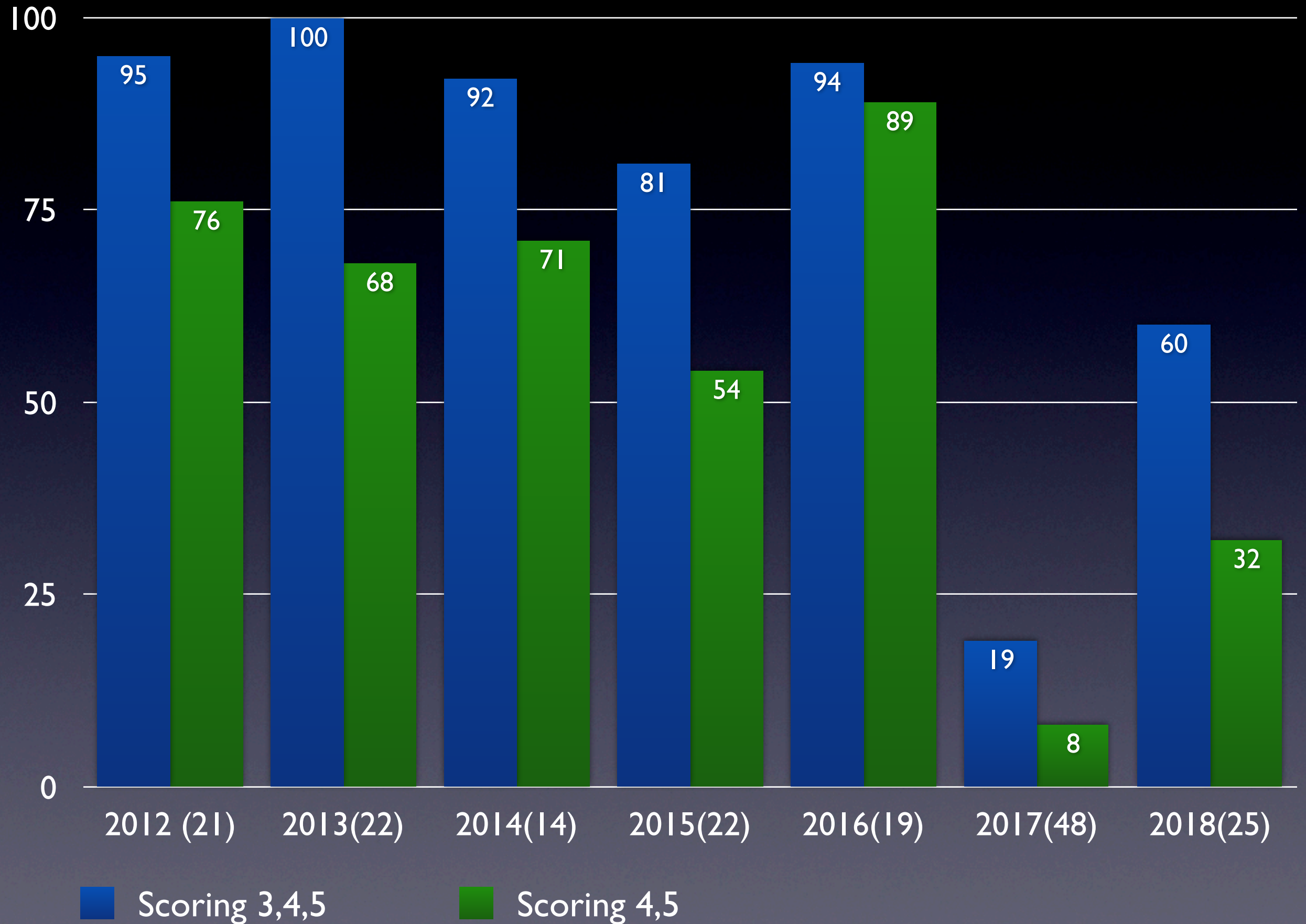
## COMMON CORE ALGEBRA II MASTERY



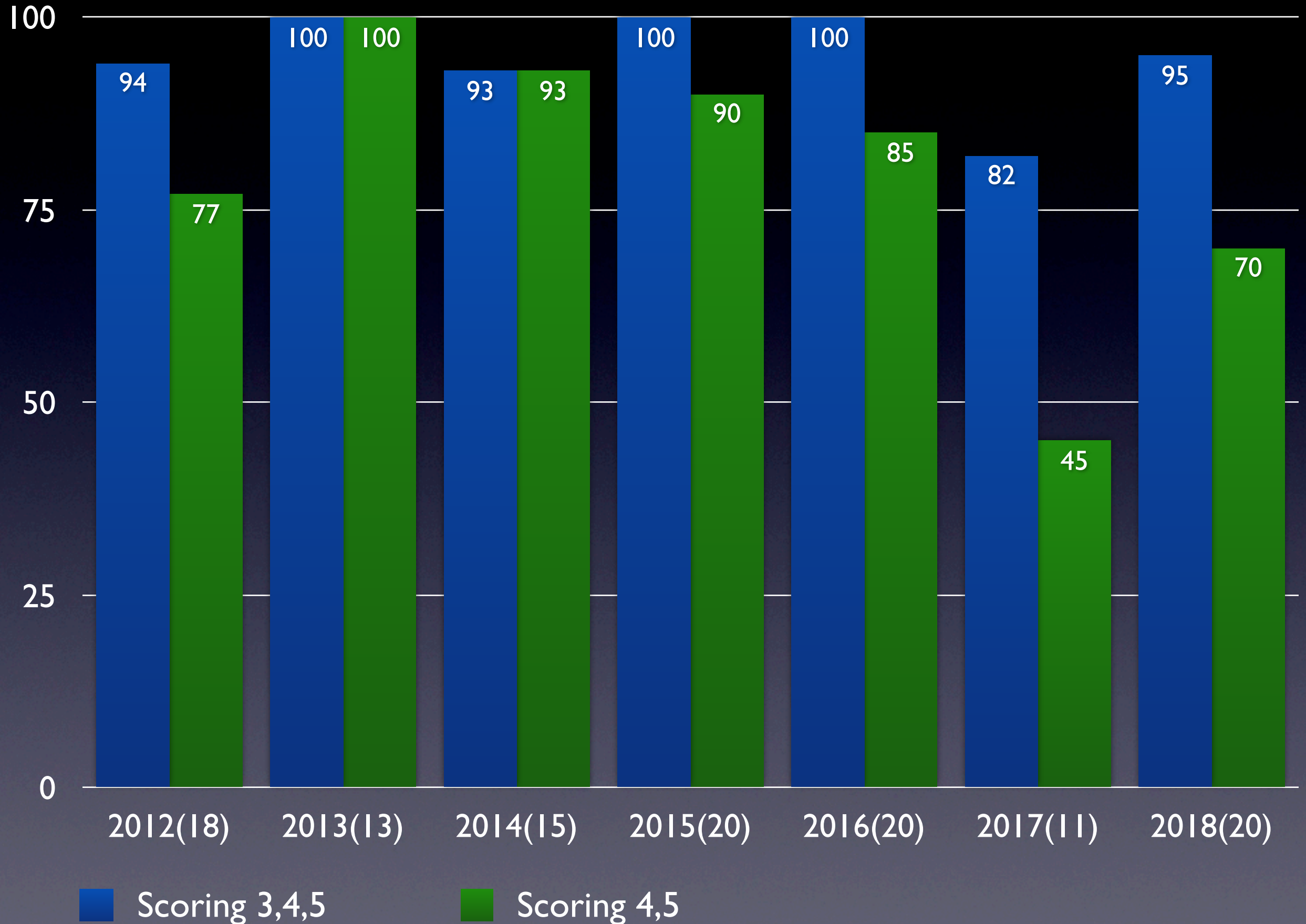
June 2018



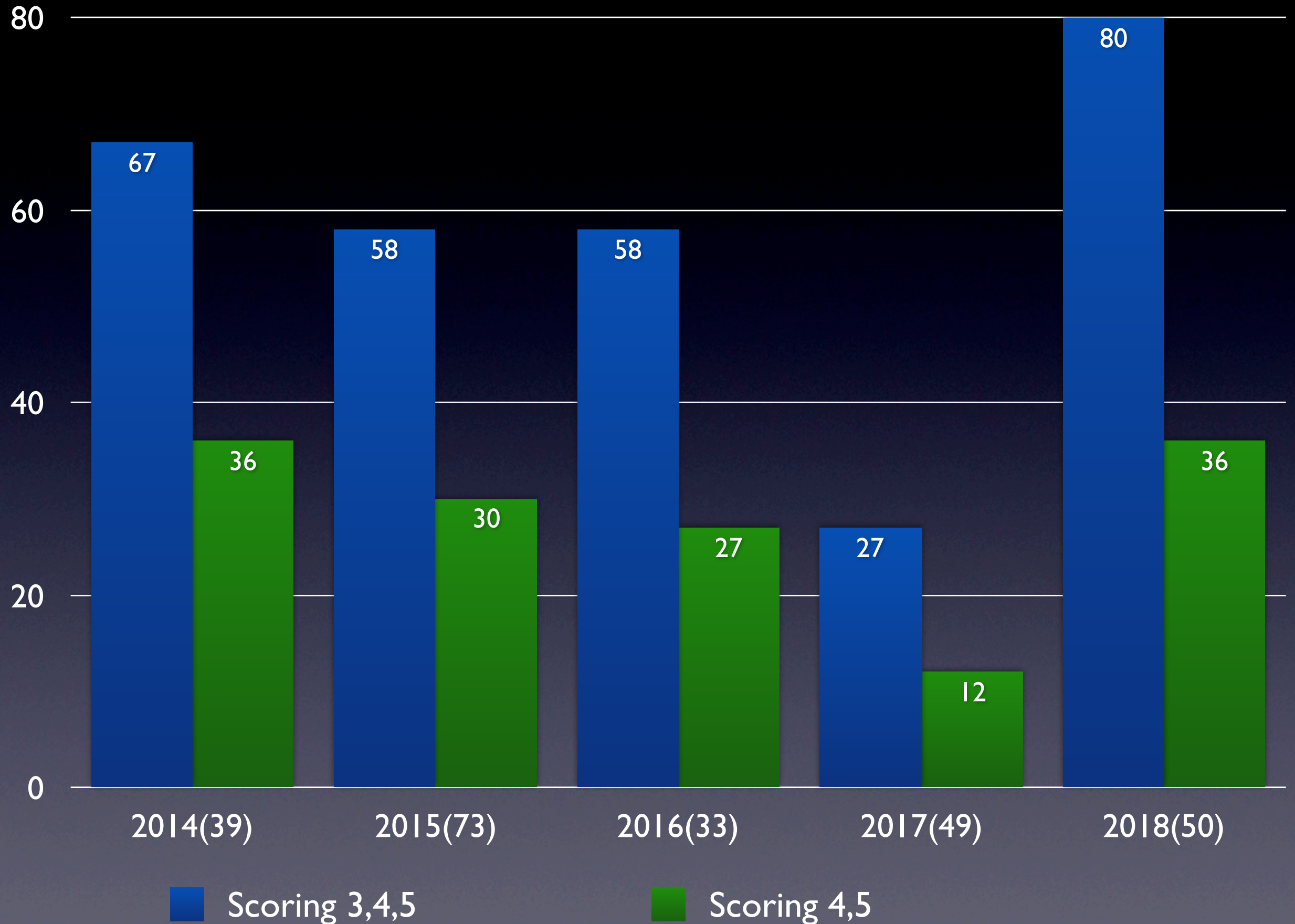
# Advanced Placement Calculus AB % Scoring



# Advanced Placement Calculus BC % Scoring

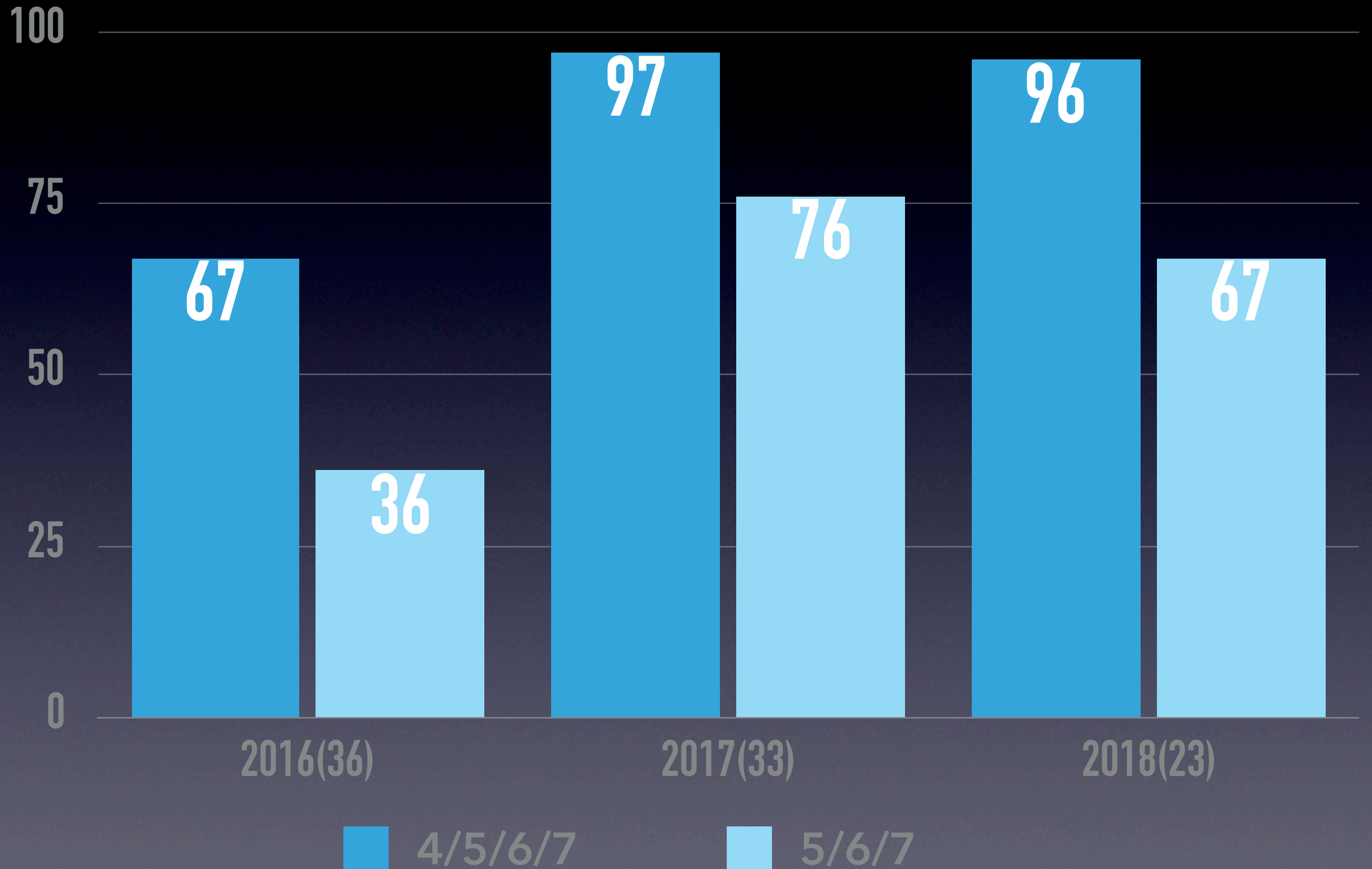


# Advanced Placement Statistics

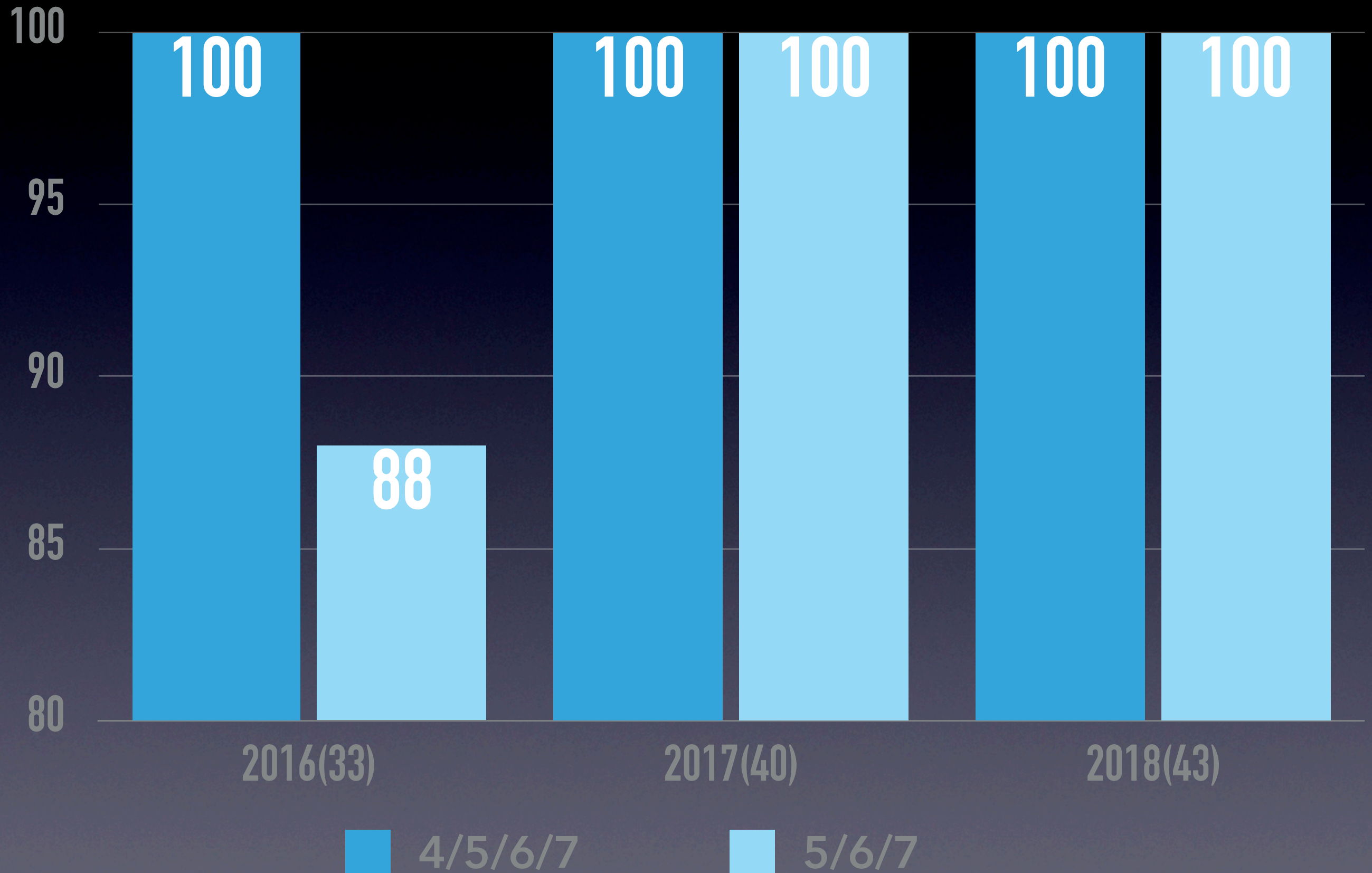




# IB MATH SL – % SCORING

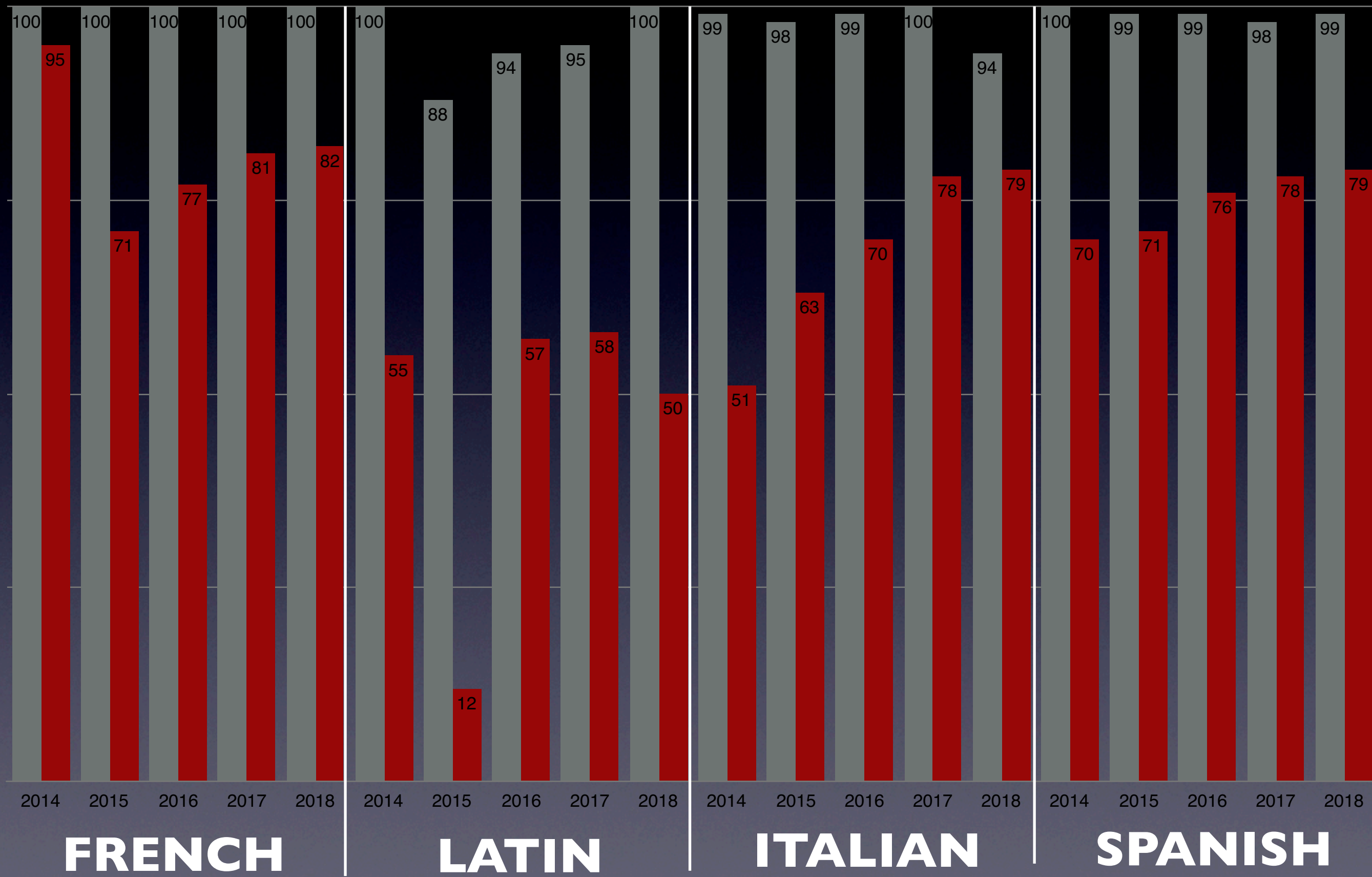


# IB MATH STUDIES SL – % SCORING



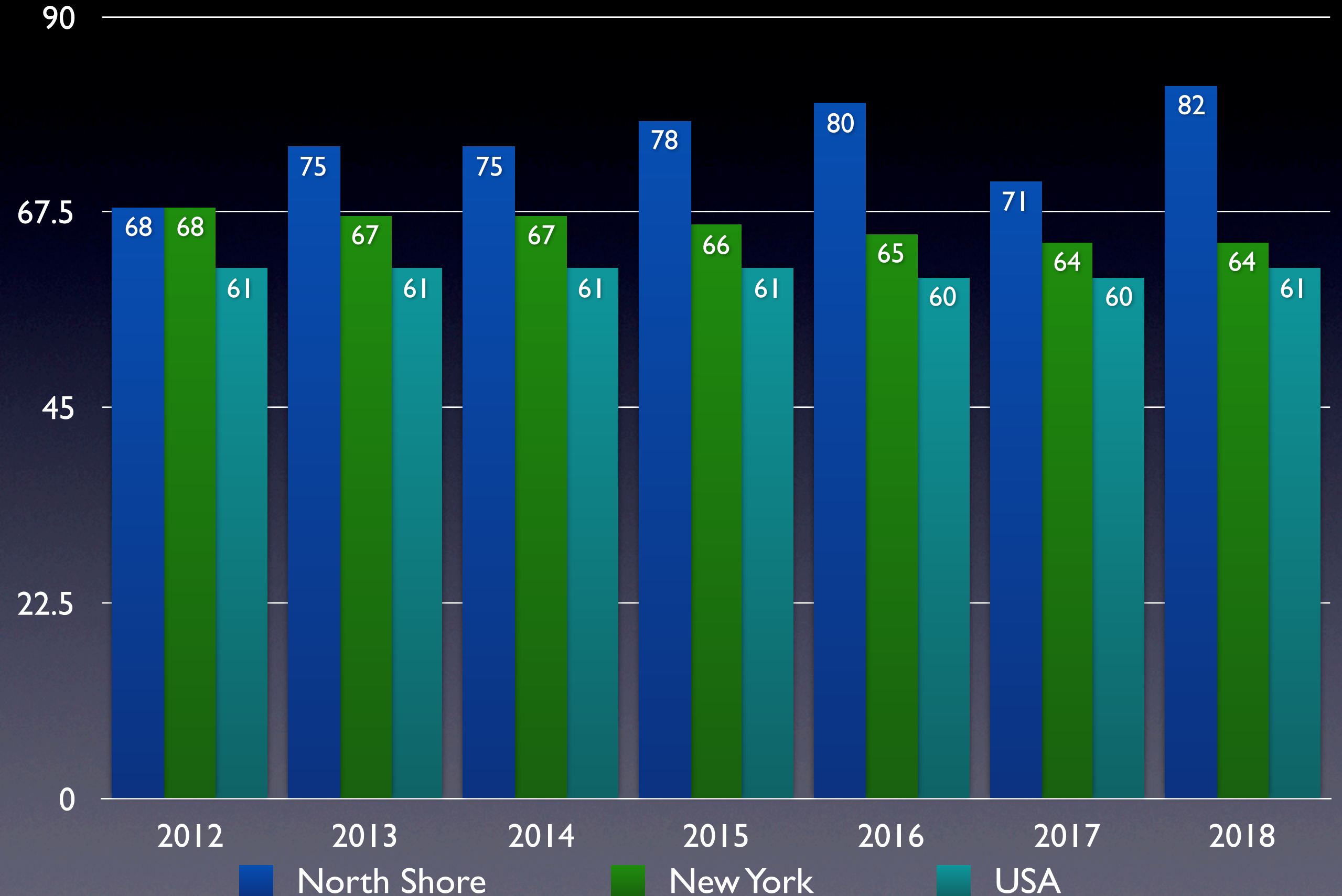


# World Languages: FLACS and CAWNY



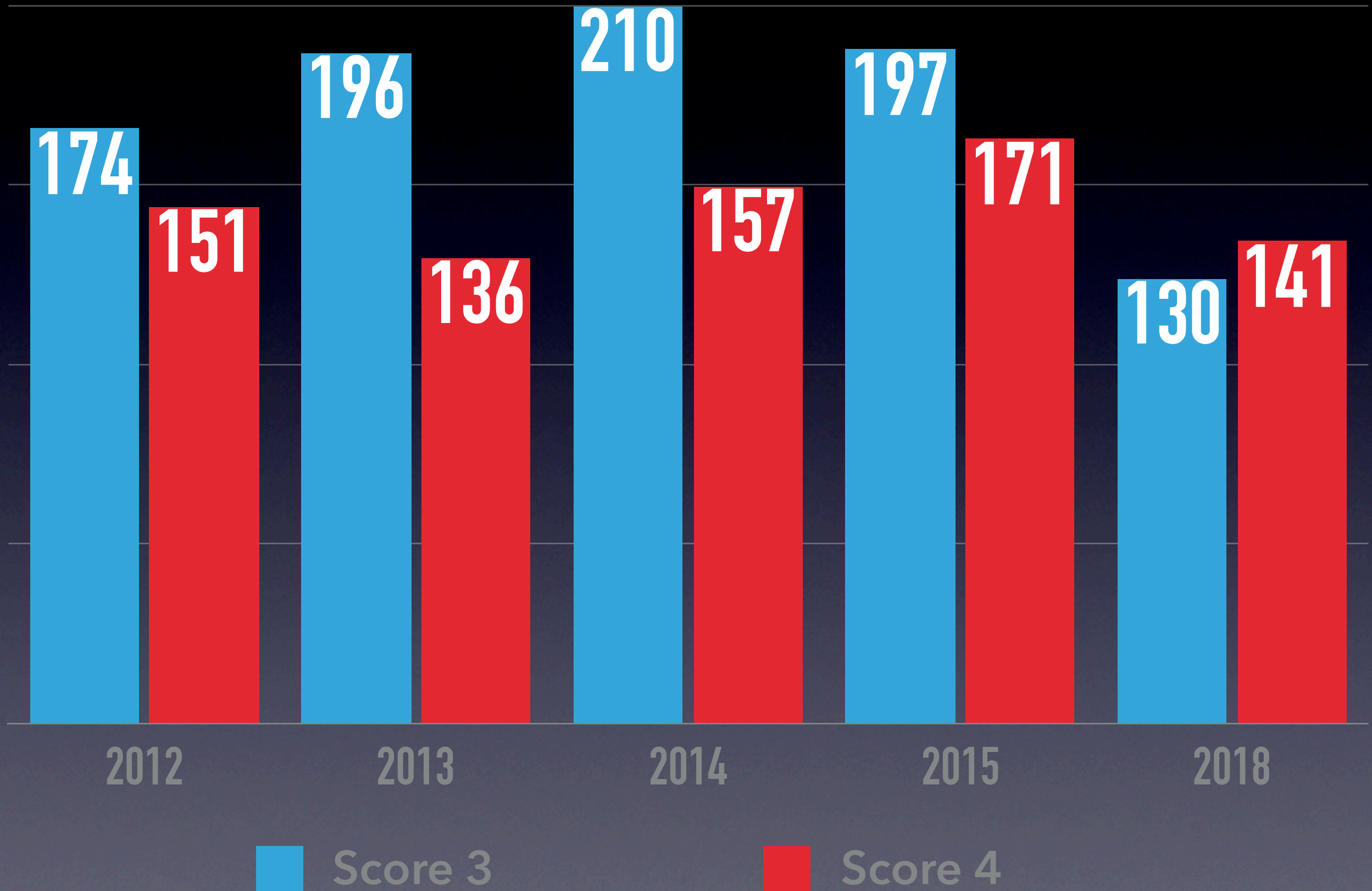
Passing Mastery

# Advanced Placement Exams Total % Scoring 3,4,5





# AP SCORES OF 3 OR 4 OVER TIME



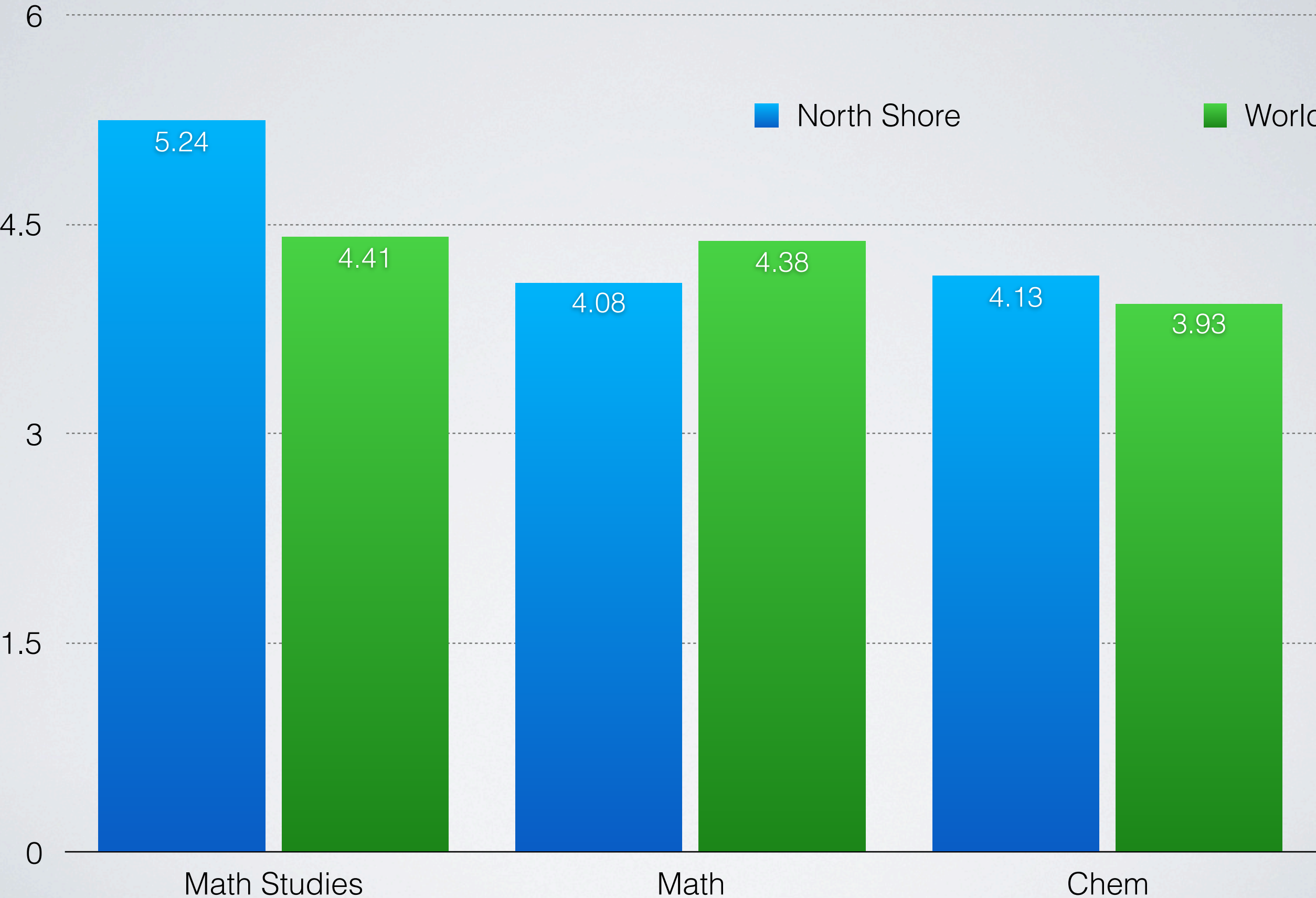
# AP EXAM COMPARISON TO REGION

QUALITY INDEX (% SCORING 3/4/5 ON AP EXAMS)

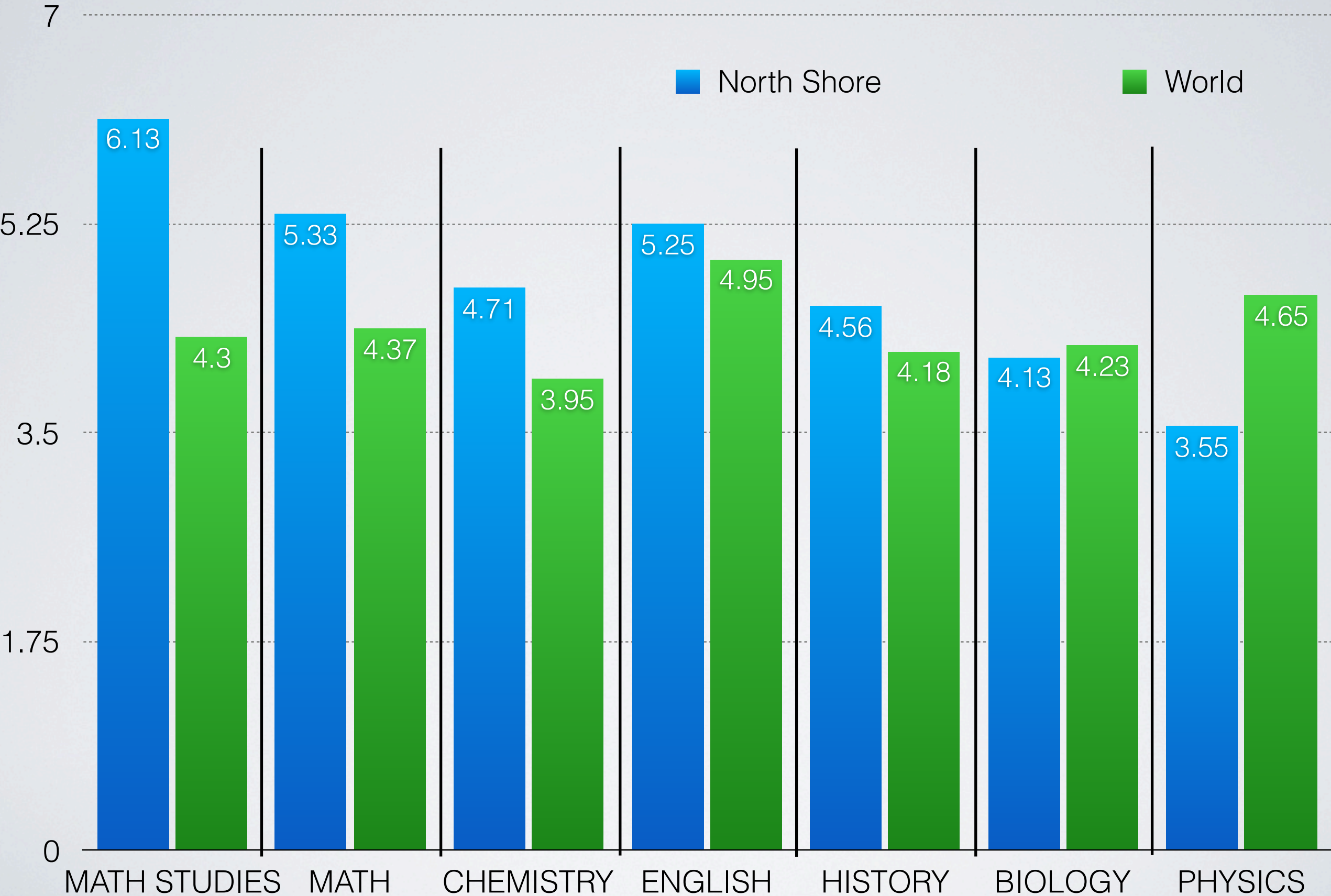
	2012	2013	2014	2015	2018
TOTAL AP EXAMS	-6.9	0.06	2.9	5.5	6.1
BIO	-12.3	2	10.6	9.3	17
CHEM	10.3	11.8	18.8	24.7	1.6
PHYS 1				12.7	29.7
US	-28.9	-26.2	-10.6	-10.8	7.9



# IB Exams: Comparison to Global Averages 2016



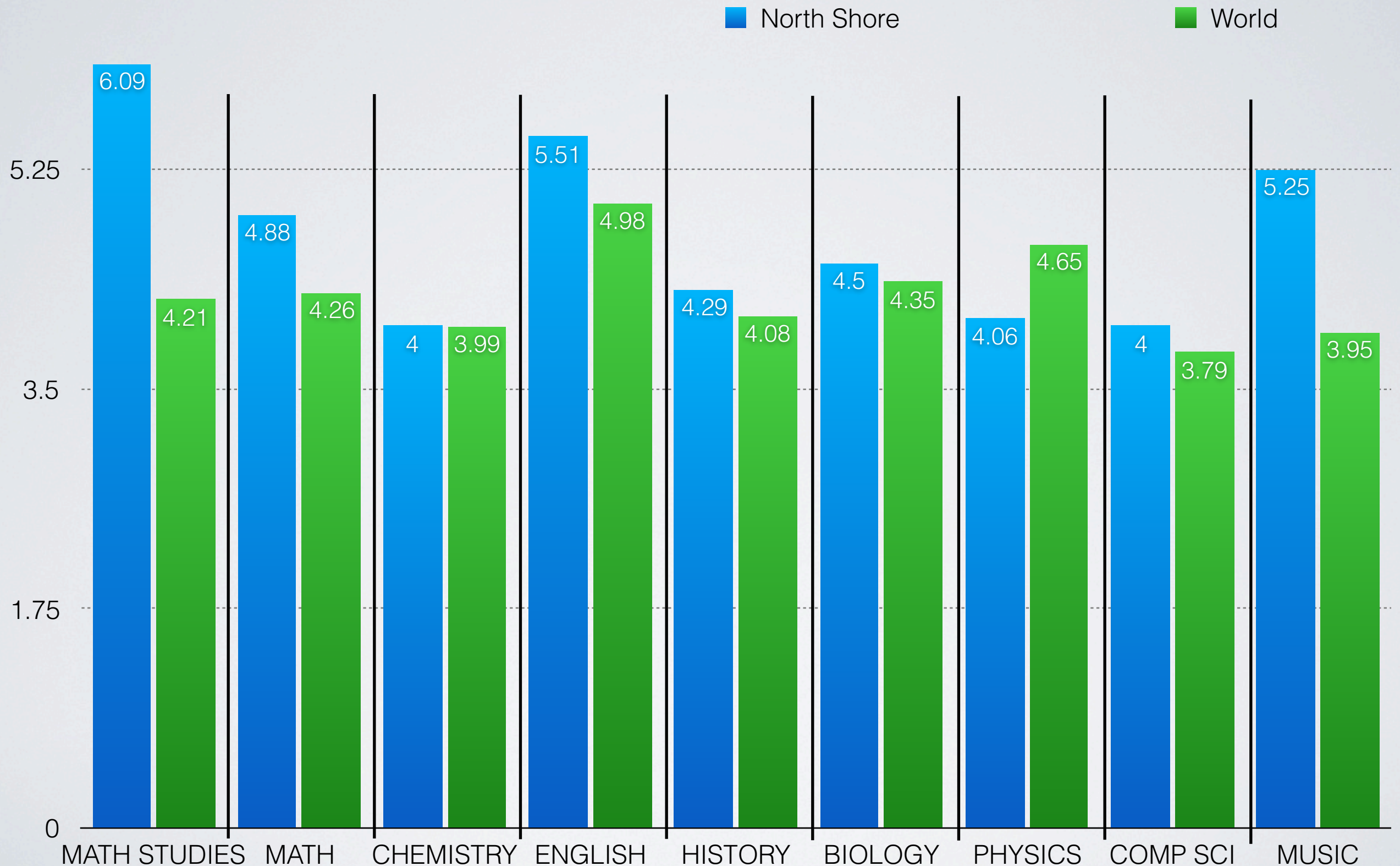
# IB Exams: Comparison to Global Averages 2017





# IB Exams: Comparison to Global Averages 2018

7



# Special Education - Regents Exams

June 2017

June 2018

	Passing % (65)	Mastery %	Passing % (65)	Mastery %
ELA	95	41	94	55
Algebra 1 - HS	93	4	95	9
Geometry	73	0	91	14
Algebra 2	94	19	96	13
Global History	82	44	90	49
US History	91	70	99	52
Liv. Env. - HS	80	0	100	0
Earth Science	75	9	92	37
Chemistry	86	17	72	4
Physics	83	33	90	40



# Reading Support - Regents Exams

<i>17 Students</i>	<b>Passing % (65)</b>	<b>Mastery %</b>
ELA (7)	100	0
Algebra 1 (13)	85	8
Geometry (9)	78	0
Algebra 2 (4)	75	25
Global History (13)	62	8
US History (6)	83	17
Living Environment (15)	80	0
Earth Science (11)	64	18
Chemistry (4)	100	0
Physics (0)	N/A	N/A

# SAT Mathematics





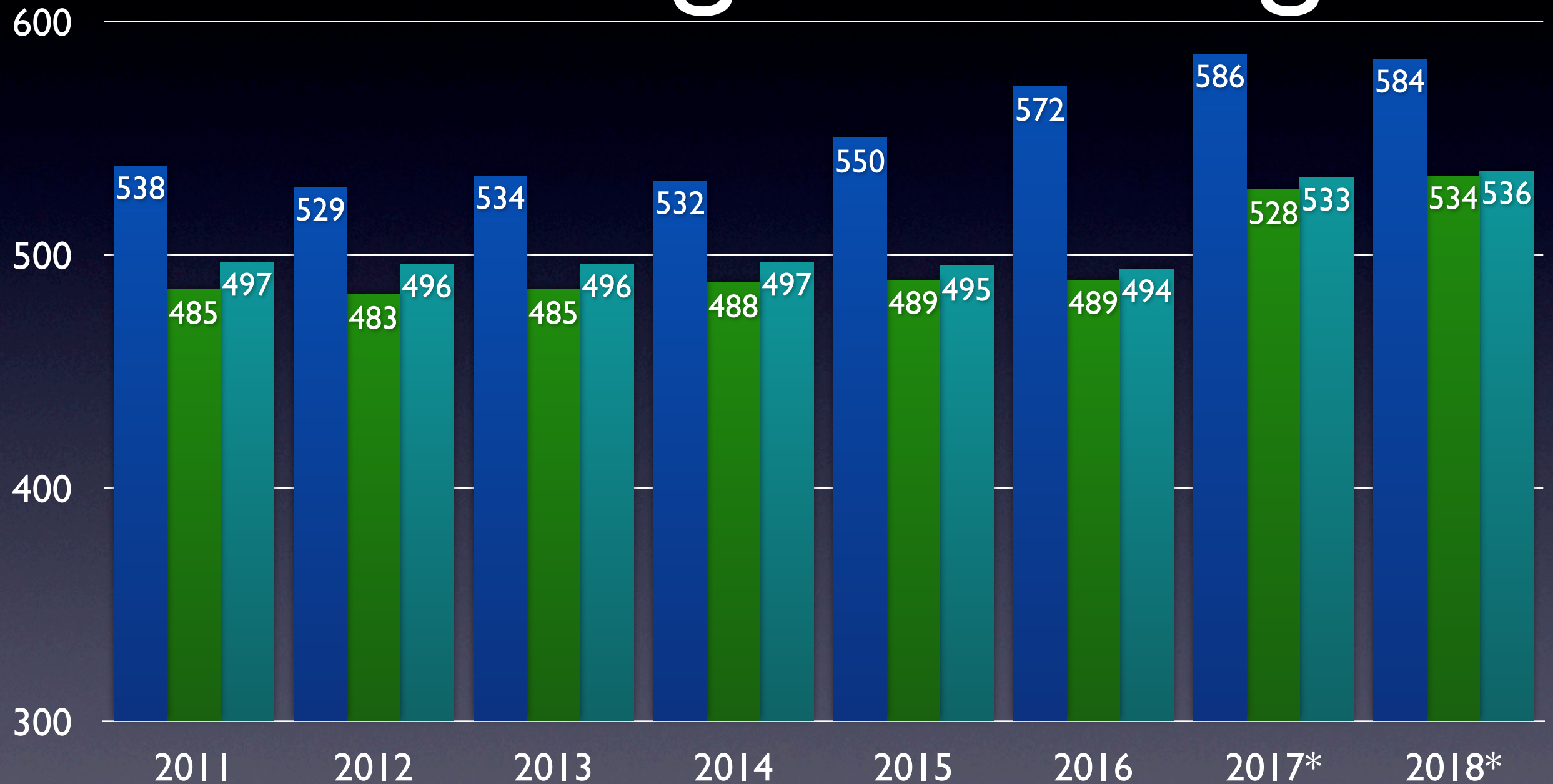
# SAT Writing



\*In March 2016, the SAT began to use the Evidence-Based Reading and Writing

North Shore      New York      Total Group

# SAT Evidence-Based Reading & Writing

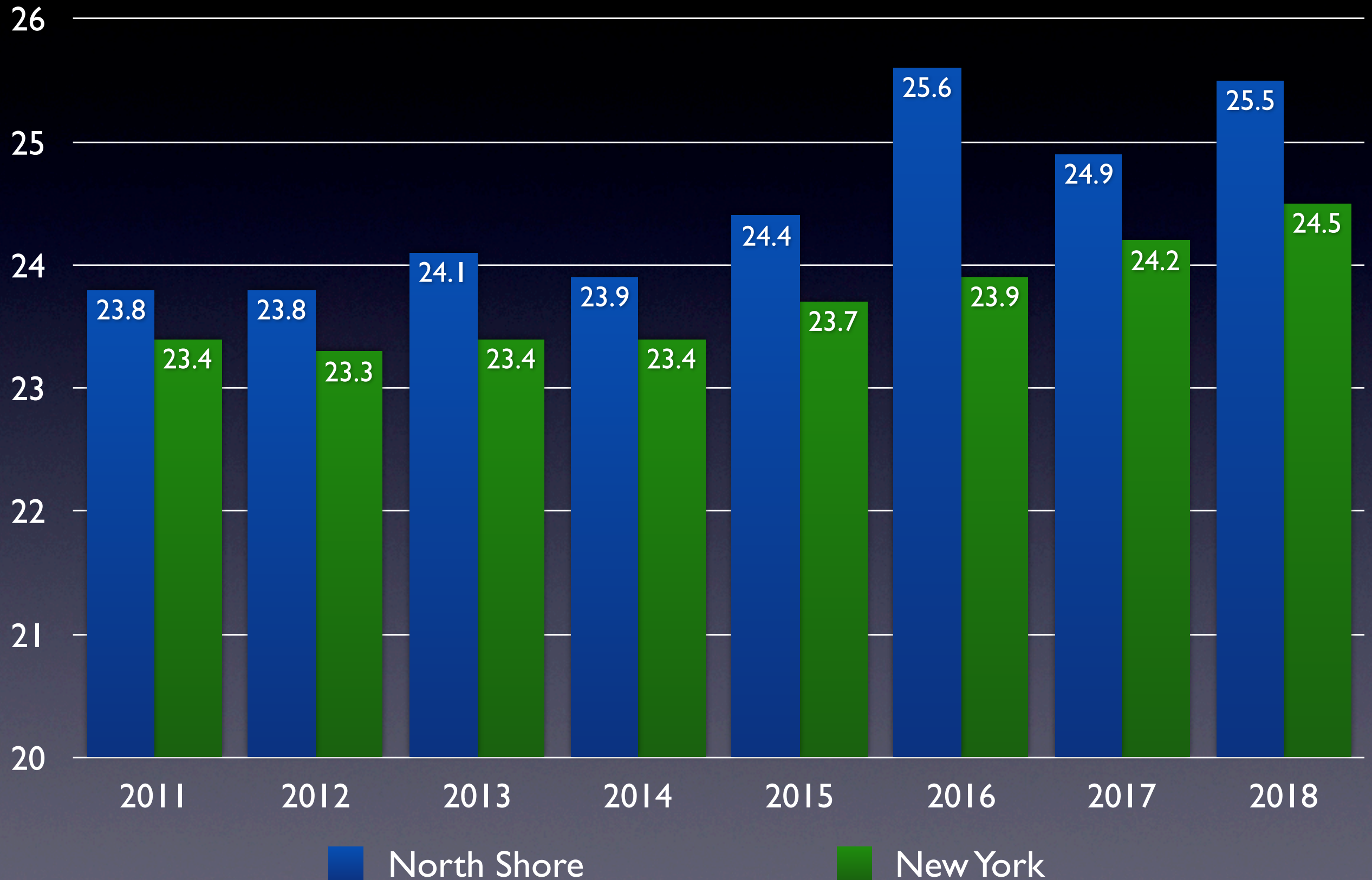


\*In March 2016, the SAT began to use the Evidence-Based Reading and Writing

North Shore      New York      Total Group



# ACT Composite



# Colleges and Universities **Attended**

	Most Competitive	Highly Competitive	Total: Most & Highly	Very Competitive	Total: Most, Highly, Very
<b>09-10</b>	25	31	56 23%	36	92/214 43%
<b>10-11</b>	15	30	45 25%	43	88/178 49%
<b>11-12</b>	23	32	55 25%	38	93/216 43%
<b>12-13</b>	10	32	42 19%	49	91/217 42%
<b>13-14</b>	11	33	44 20%	27	71/216 33%
<b>14-15</b>	31	51	82 36%	31	113/227 50%
<b>15-16</b>	31	57	88 39%	49	137/226 61%
<b>16-17</b>	21	75	96 43%	56	152/232 66%
<b>17-18</b>	35	56	91 42%	46	137/215 64%

## Most Competitive Sample

Bates	Emory	U. of Miami
Boston College	George Washington	Notre Dame
Bowdoin	Harvard	U. of Virginia
Brown	Lehigh	U. of Richmond
Bucknell	Northeastern	William and Mary
Colby	Ohio State	Vanderbilt
Columbia	RPI	Villanova
Dartmouth	U of N. Carolina	Yale

## Highly Competitive Sample

Binghamton	Indiana	Geneseo
Boston University	Ithaca	Syracuse
Brandeis	Lafayette	U. of Florida
Drexel	Mt. Holyoke	U. of Texas
Elon	Sara Lawrence	U. of Pittsburgh
Fordham	Stony Brook	U. of Wisconsin



Colleges and Universities **Accepted**

	Most Competitive	Highly Competitive	Total
14-15	40	81	121 (54%)
15-16	43	92	135 (60%)
16-17	36	133	169 (73%)
17-18	53	125	178 (83%)

Most Competitive Sample

Highly Competitive Sample

Bates

Boston College

Bowdoin

Brown

Bucknell

Colby

Columbia

Cornell

Dartmouth

Emory

George Washington

Harvard

Johns Hopkins

Lehigh

Northeastern

Ohio State

RPI

Tufts

U. of FLorida

U. of N. Carolina

U. of Michigan

Notre Dame

U. of Virginia

William and Mary

Vanderbilt

Villanova

Yale

Binghamton

Boston University

Brandeis

Drexel

Elon

Fordham

Indiana

Ithaca

Lafayette

Mt. Holyoke

Sara Lawrence

Stony Brook

Geneseo

Syracuse

U. of Florida

U. of Texas

U. of Pittsburgh

U. of Wisconsin

# Colleges and Universities Accepted and Attended

	Most Competitive Accepted	Most Competitive Attended	Highly Competitive Accepted	Highly Competitive Attended
14-15	40	31	81	51
15-16	43	31	92	57
16-17	36	21	133	75
17-18	53	35	125	56

Students Engaging in Arts and Athletics				
	2017		2018	
Visual Arts	226	26%	215	25%
Curricular Music	236	27%	233	27%
Theatre <i>Cast and Crew</i>	60	7%	80	9%
Fall Athletes	288	33%	289	34%
Winter Athletes	190	21%	180	21%
Spring Athletes	254	29%	235	28%



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## A LOOK INTO KEY AREAS OF REFINEMENT

- ▶ Revision of our security protocols and procedures
- ▶ Redesign of our school transcripts, including a discussion of courses, weighting, and consistency
- ▶ Preparation and transition for the administration of the new Global History and Geography Regents and future Science Assessments
- ▶ Examination of our continuum of services for Special Education at the High School

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- ▶ Common assessments and common grading practices in common courses
  - ▶ Significant expansion of the counseling department's programming and assured experiences
  - ▶ Review of honor societies and the clarity and communication of: eligibility, application, conditions
  - ▶ Review of the Academic Integrity policy
  - ▶ Critical examination and analysis of models for how time is used and organized