

# **TENAFLY PUBLIC SCHOOLS SPRING 2016 ASSESSMENT REPORT**

**JANUARY 24, 2017**

**Presented by:**

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James Morrison, Tenafly High School Principal**

**New Jersey  
ELA/Math/  
Science  
Assessments**

**SAT/ACT/AP**

# NJ STATE ASSESSMENTS

- **PARCC and Science**
- **Assessment Overview**
- **State Assessment Results**
- **Analysis and Intervention**
- **2017 Assessment Schedule**

# NEW JERSEY'S STATEWIDE ASSESSMENT PROGRAM

- **Grades 3 – 11: PARCC English Language Arts/Literacy Assessments (ELA/L)**
- **Grades 3 – 8: PARCC Mathematics Assessments**
- **Mathematics End of Course Assessments – Algebra I, Geometry, and Algebra II**
- **Science Assessments – NJASK (grades 4 and 8) / End of Course NJBCT (Biology)**

# AREAS ASSESSED IN PARCC

## ELA/L Grades 3-11

- Reading
  - Literacy
  - Information
  - Vocabulary
- Writing
  - Expression
  - Conventions

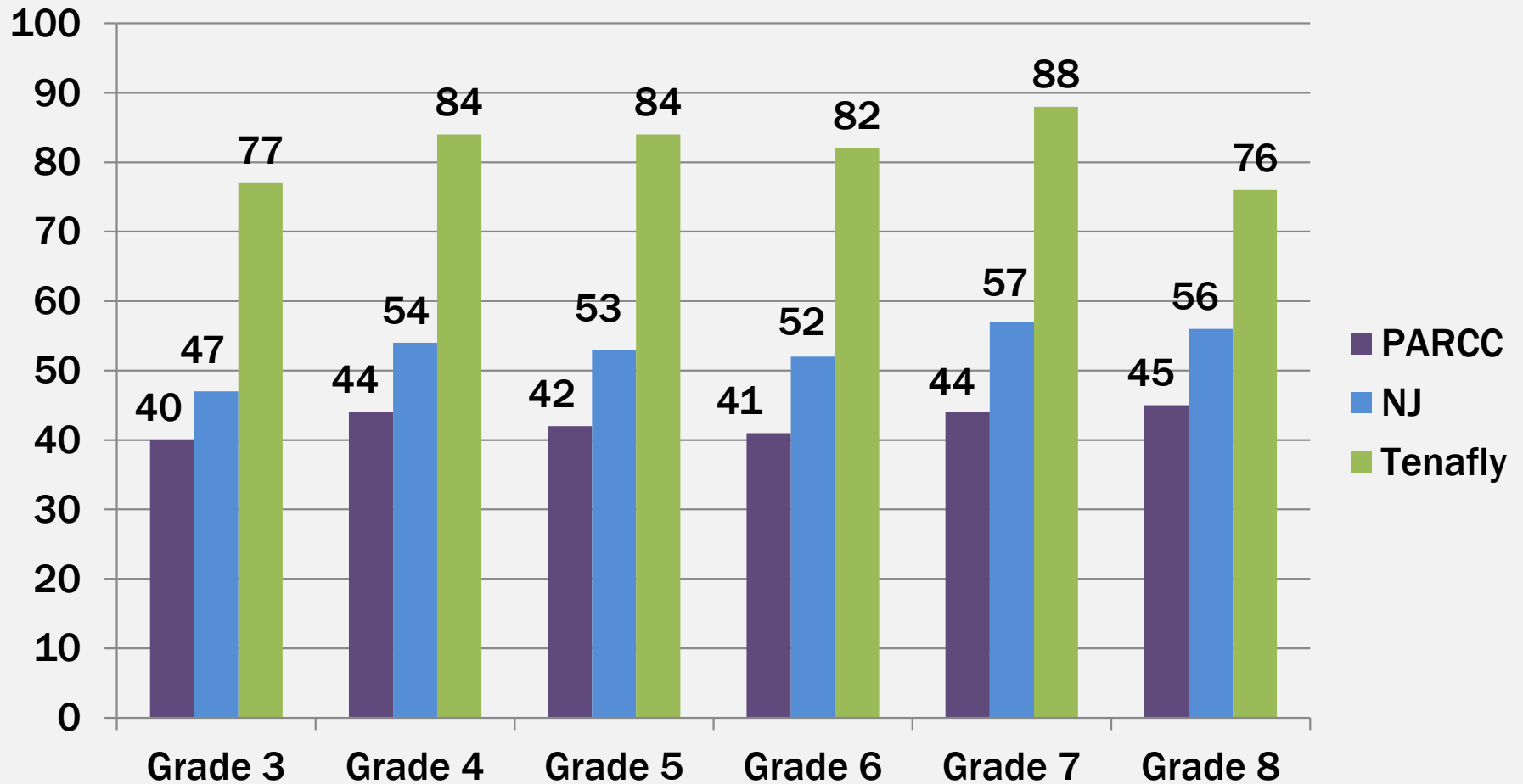
## Math Grades 3 – 8, Algebra and Geometry

- Major content
- Supporting content
- Reasoning
- Modeling

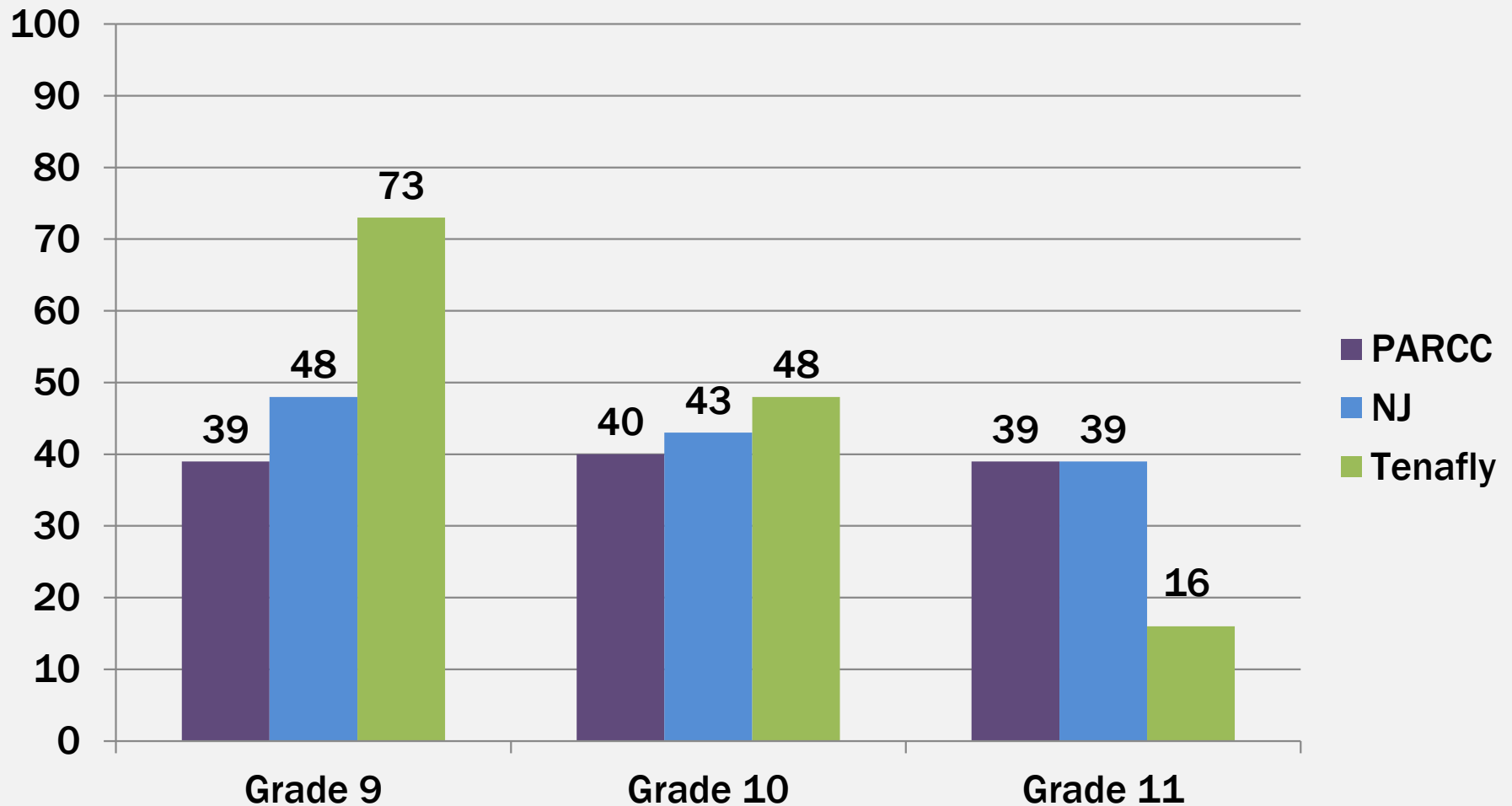
# PARCC PERFORMANCE LEVELS

- **Level 1: Not yet meeting grade-level expectations**
- **Level 2: Partially meeting grade-level expectations**
- **Level 3: Approaching grade-level expectations**
- **Level 4: Meeting grade-level expectations**
- **Level 5: Exceeding grade-level expectations**

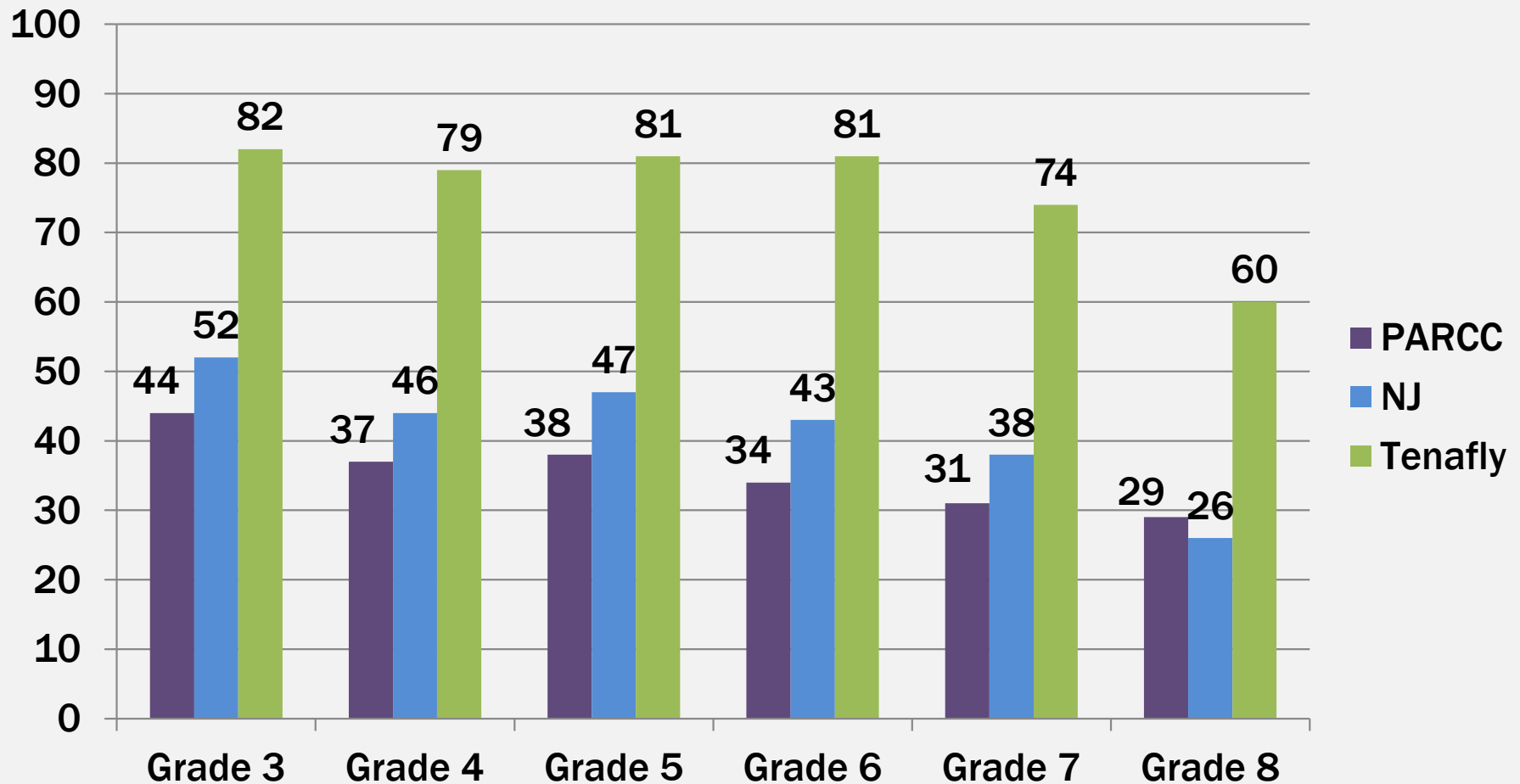
# 2016 PERCENT OF STUDENTS THAT MET OR EXCEEDED EXPECTATIONS ELA/L GRADES 3 THROUGH 8



# 2016 PERCENT OF STUDENTS THAT MET OR EXCEEDED EXPECTATIONS ELA/L GRADES 9 THROUGH 11

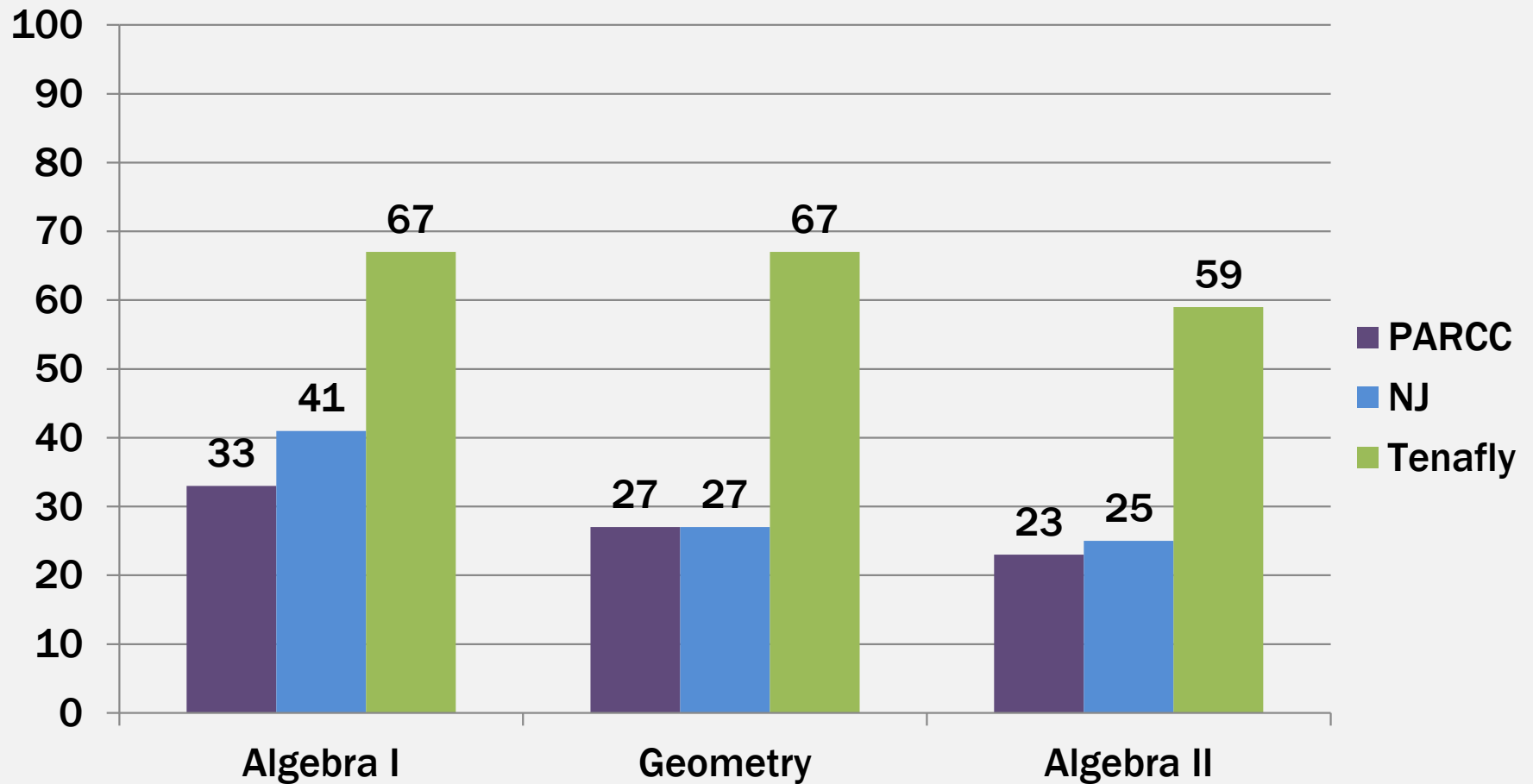


# 2016 PERCENT OF STUDENTS THAT MET OR EXCEEDED EXPECTATIONS MATHEMATICS GRADES 3 THROUGH 8

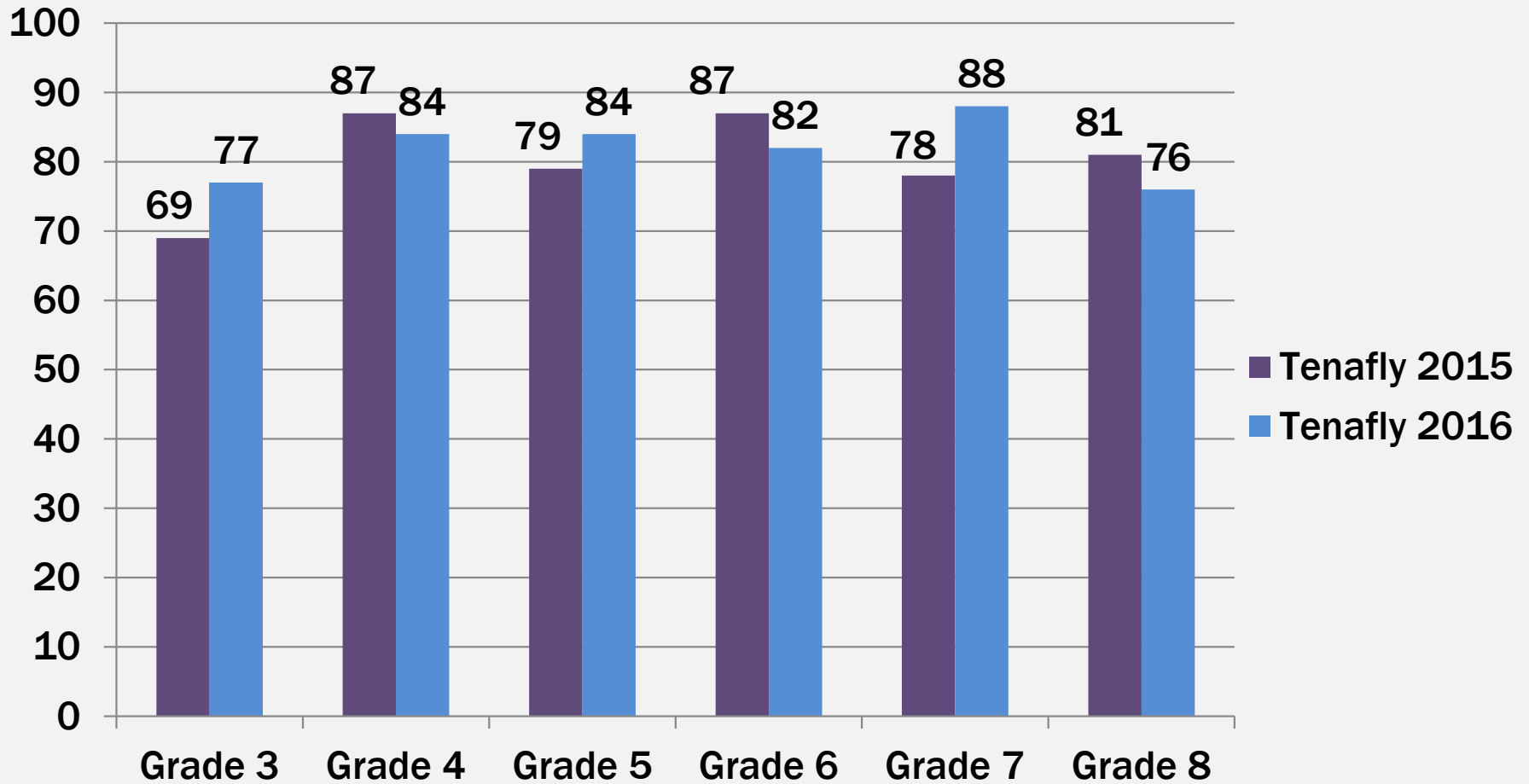




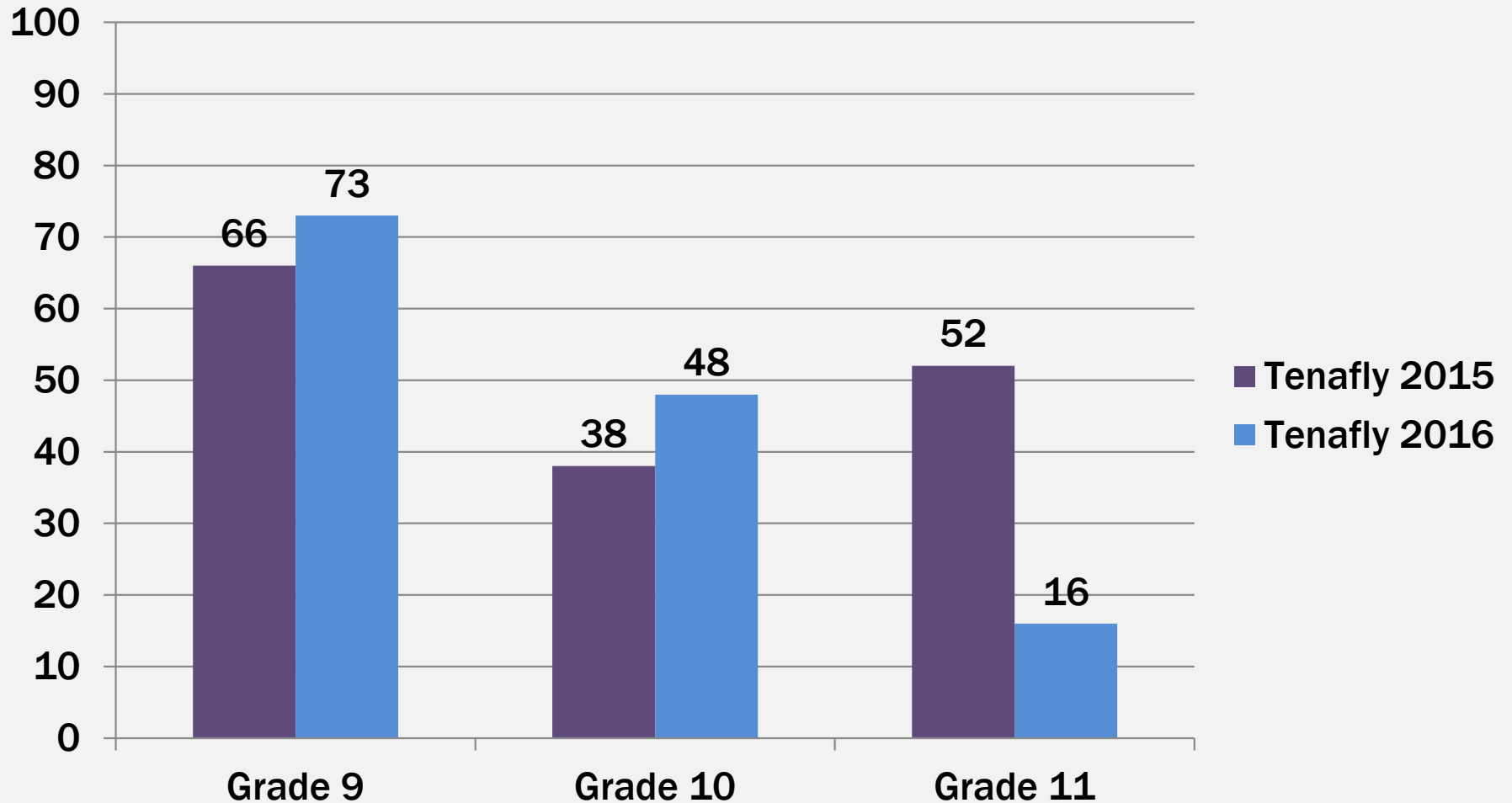
# 2016 PERCENT OF STUDENTS THAT MET OR EXCEEDED EXPECTATIONS END OF COURSE MATHEMATICS



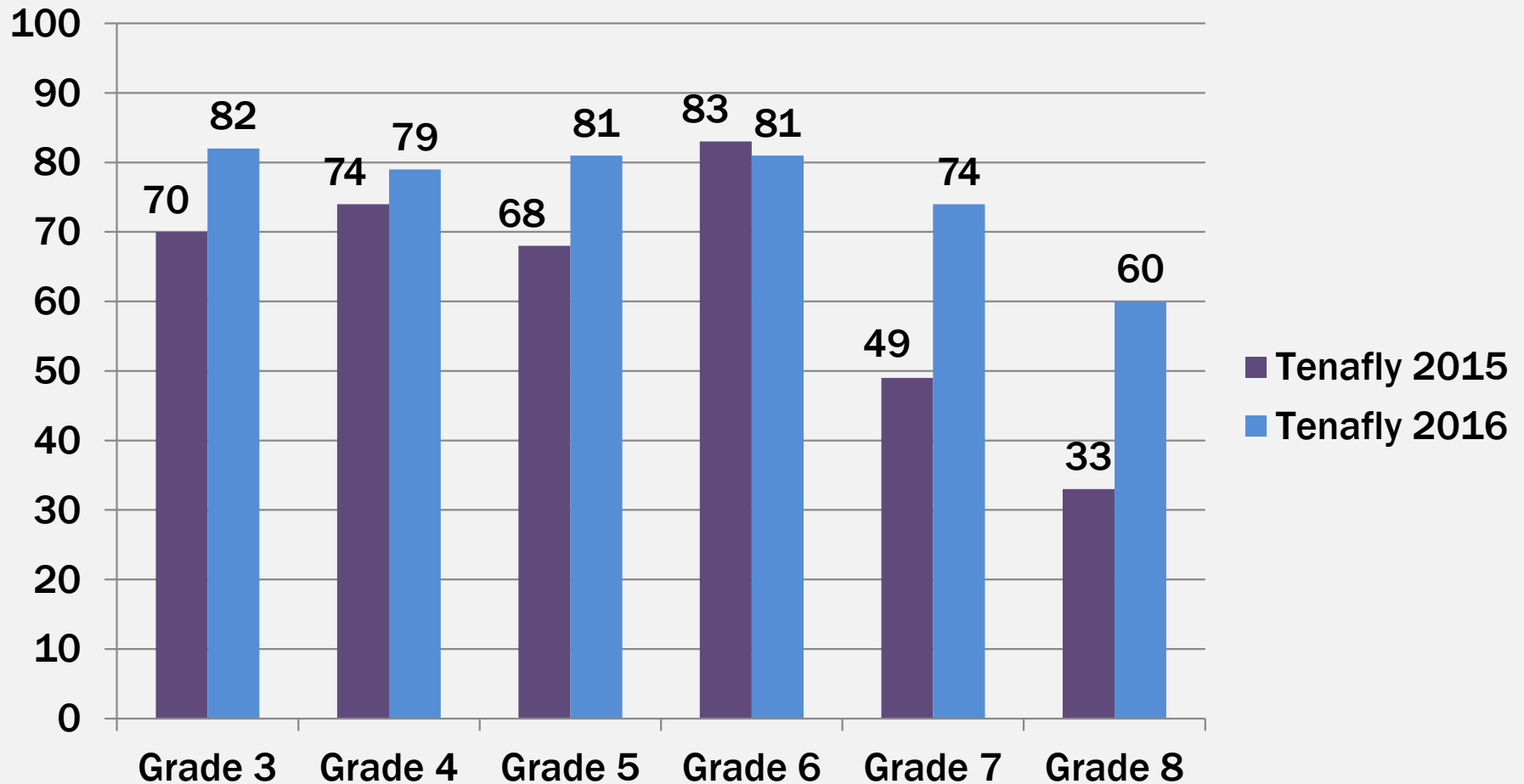
# TWO YEAR COMPARISON ELA/L GRADES 3 THROUGH 8



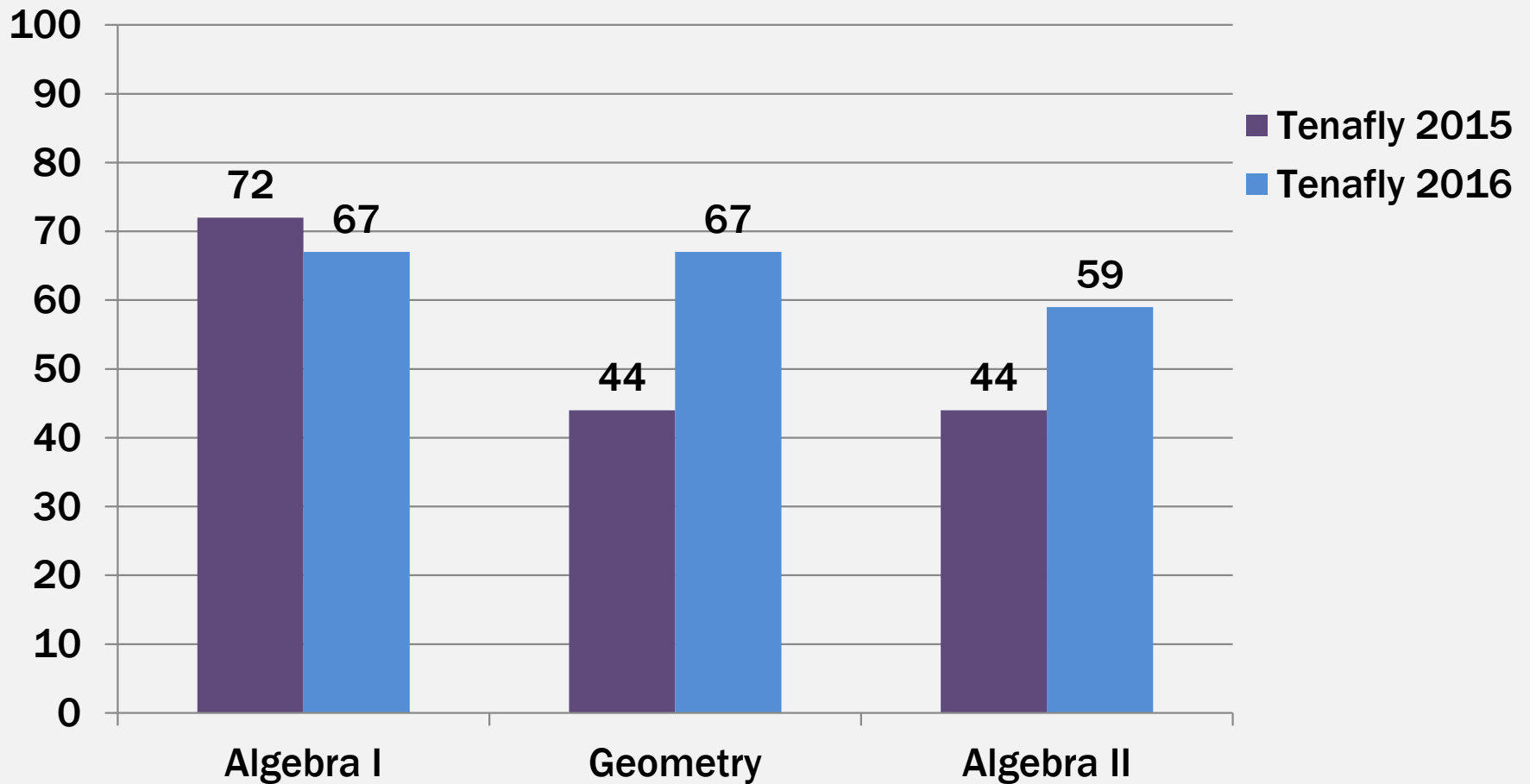
# TWO YEAR COMPARISON ELA/L GRADES 9 THROUGH 11



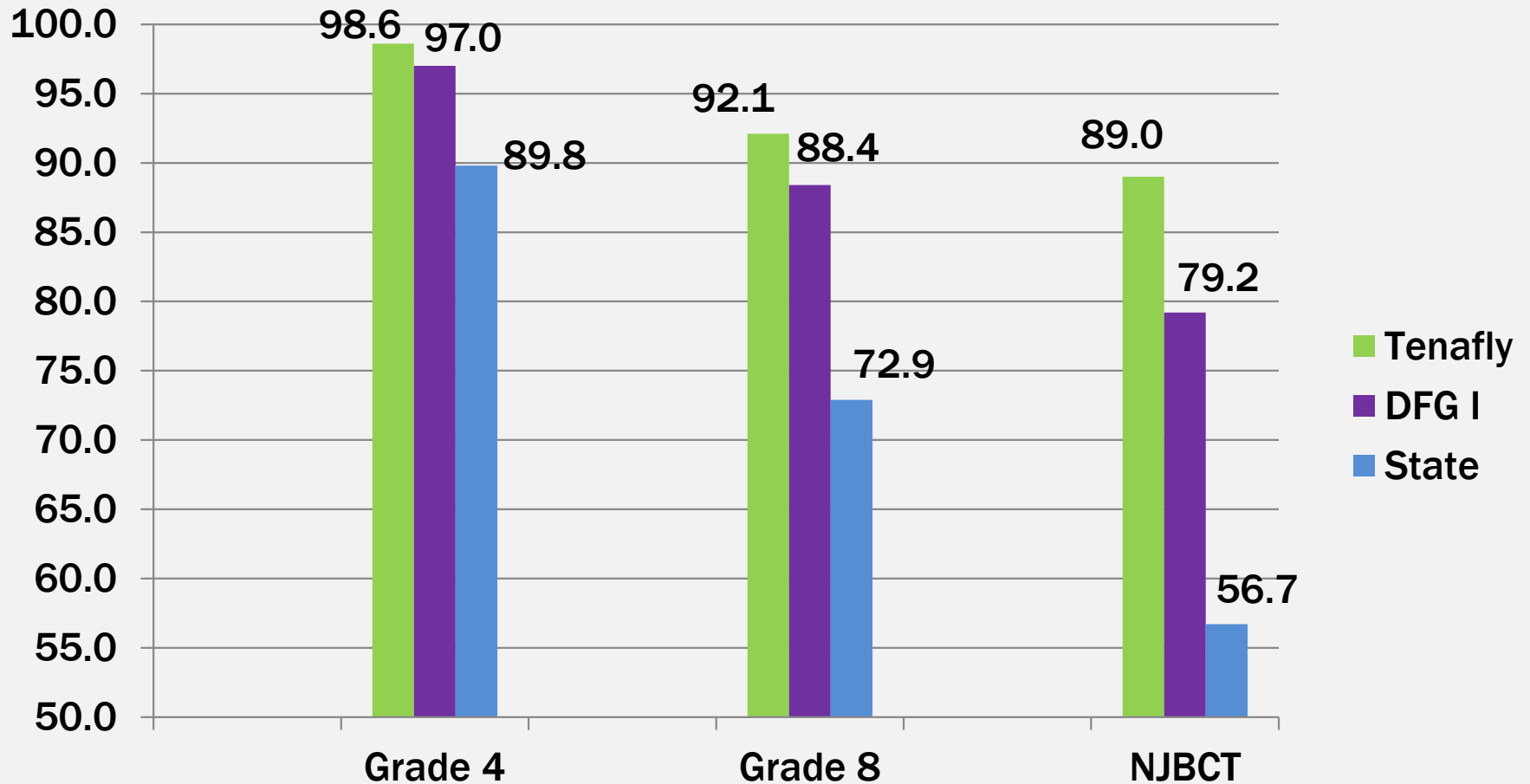
# TWO YEAR COMPARISON MATHEMATICS GRADES 3 THROUGH 8



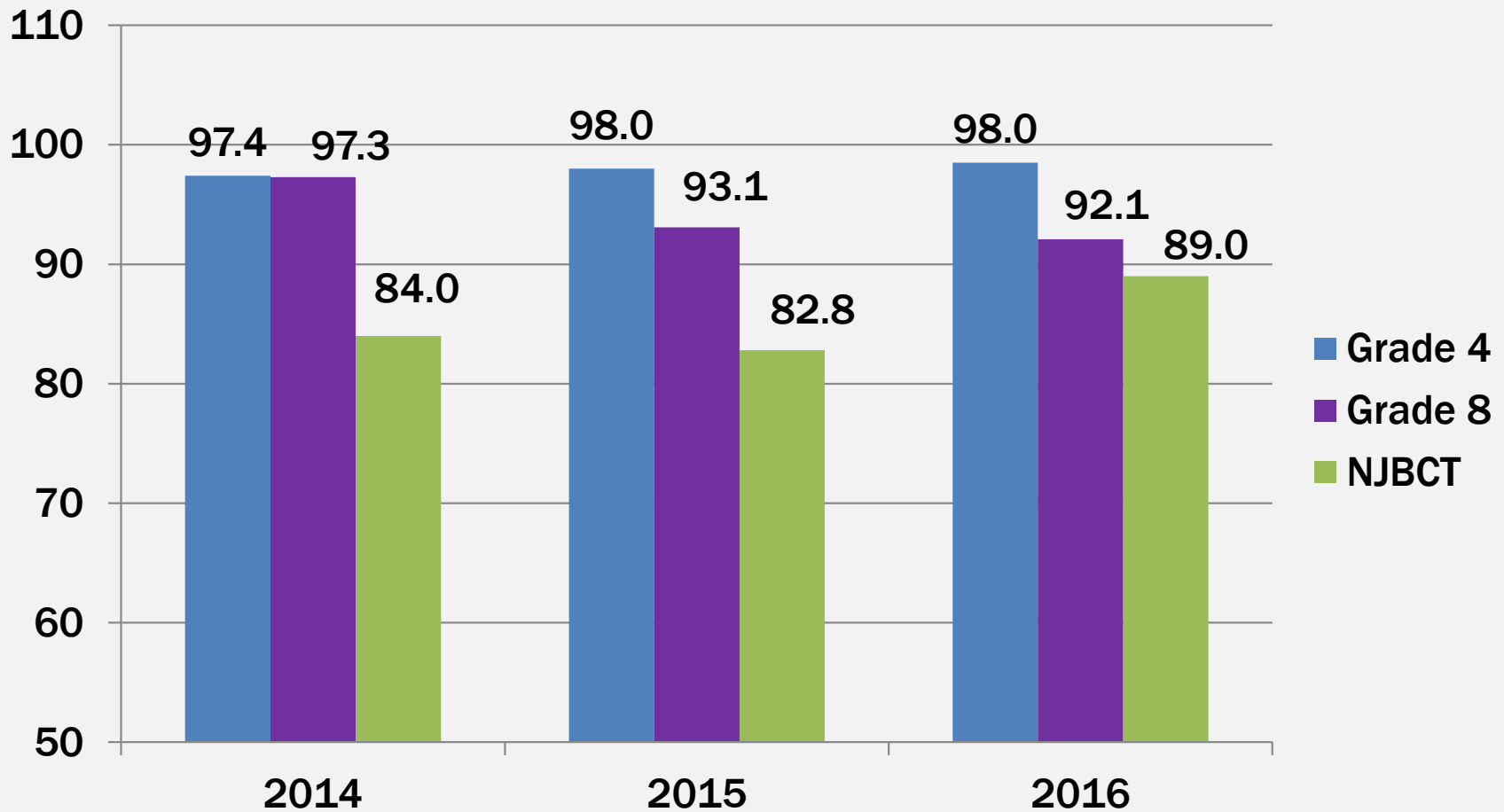
# TWO YEAR COMPARISON END OF COURSE MATHEMATICS



# 2016 PERCENT OF STUDENTS PROFICIENT - SCIENCE



# THREE-YEAR SCIENCE COMPARISON 2014-2016



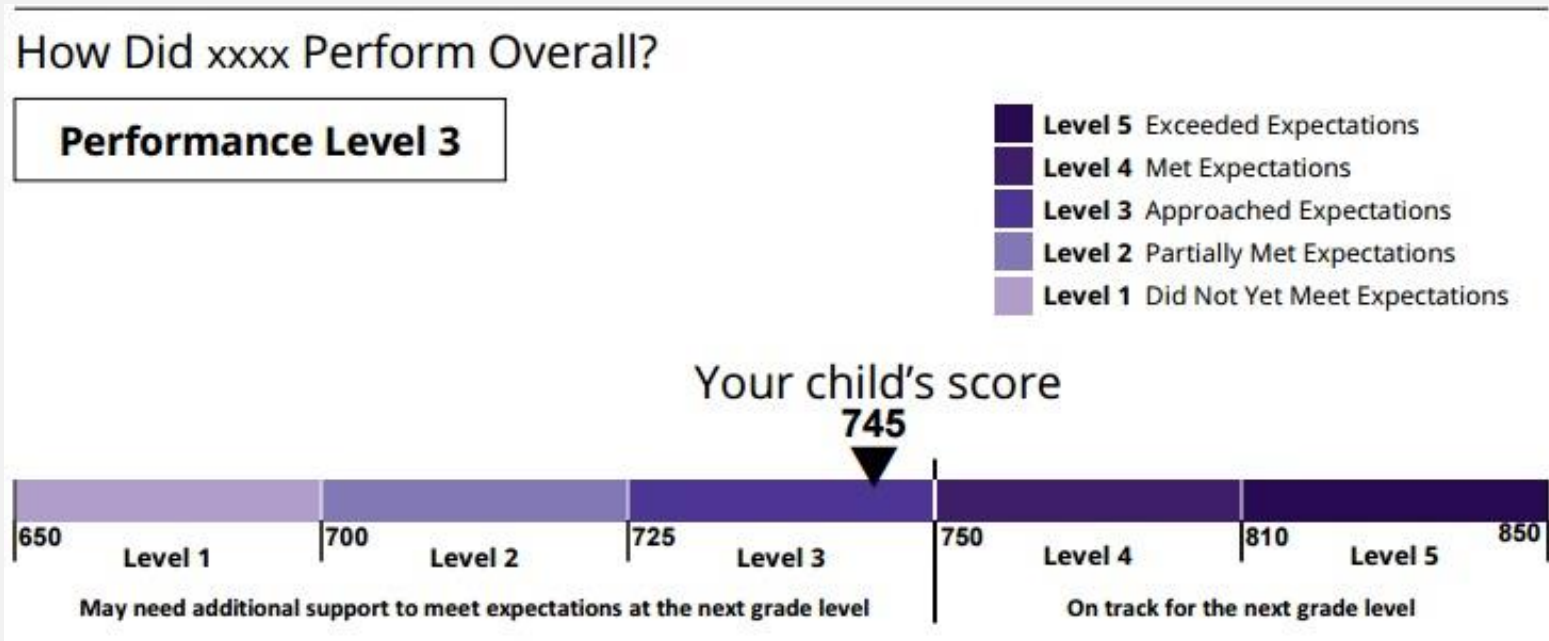
# ANALYSIS AND INTERVENTION

- Close review of grade level and student data
- Targeted support for students who do not demonstrate proficiency
- Inform instruction and program
- Encourage participation in assessments
- Communicate good studentship expectations
- Continue review of curriculum and revisions to align with standards and best practices
- Next Generation Science Standards (NGSS) – Elementary Implementation September 2017



# RESOURCES FOR PARENTS

- **Information on the PARCC Student Reports:**  
[www.state.nj.us/education/assessment/parcc/scores/](http://www.state.nj.us/education/assessment/parcc/scores/)
- **Understanding the student score reports:**  
[understandthescore.org/](http://understandthescore.org/)



*Sample report*

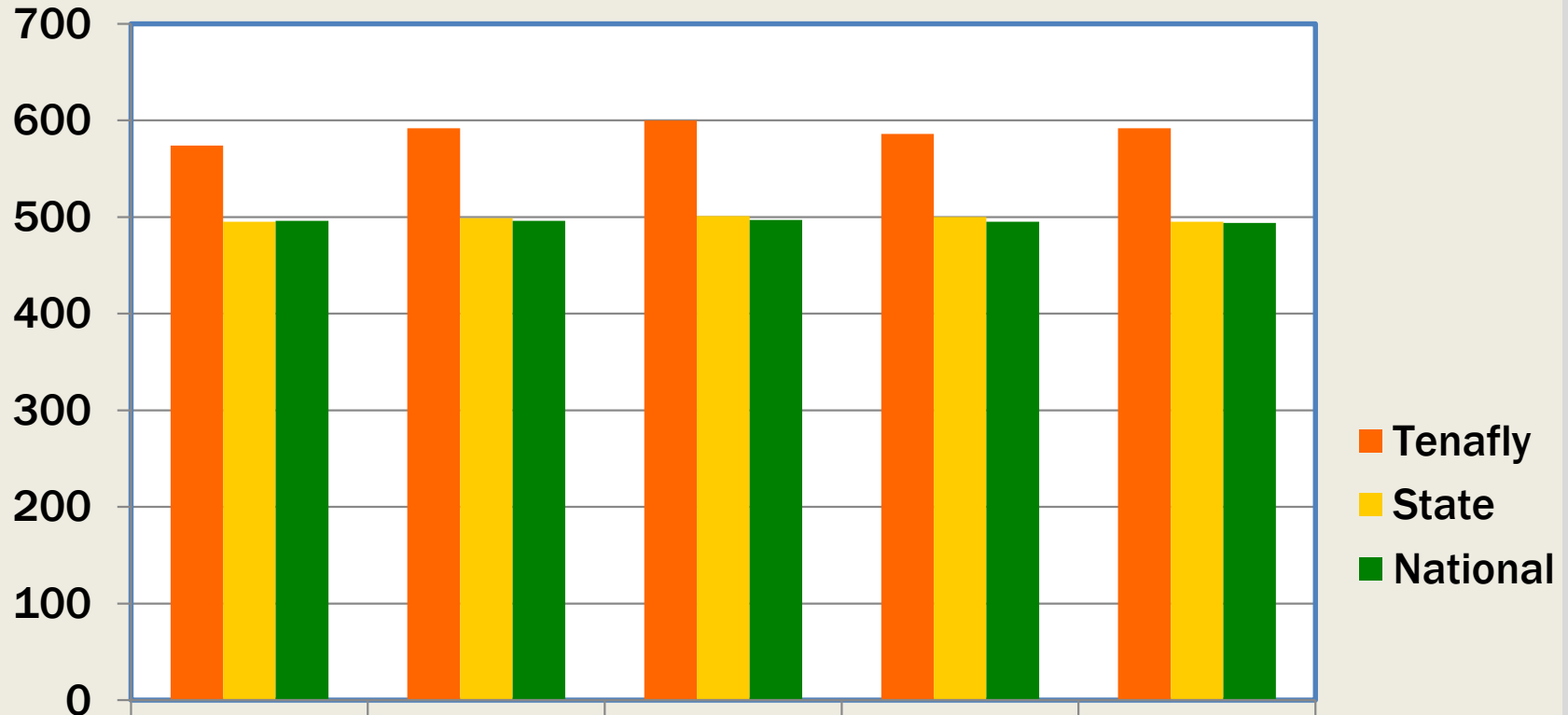
# 2017 ASSESSMENT SCHEDULE

			<u>Makeup Dates</u>
<b>PARCC Assessments (ELA/L and Math)</b>	<b>Grades 3-8</b>	<b>March 27 – May 19, 2017</b>	<b>To be provided by your child’s principal.</b>
	<b>Grades 9-11</b>	<b>March 27 – May 19, 2017</b>	
<b>Science Assessments</b>	<b>NJASK Grade 4 and 8</b>	<b>May 31, 2017</b>	<b>June 7, 2017</b>
	<b>NJBCT</b>	<b>May 31 - June 1, 2017</b>	<b>June 7 - 8, 2016</b>

# **REVIEW OF ACT/SAT/AP RESULTS**

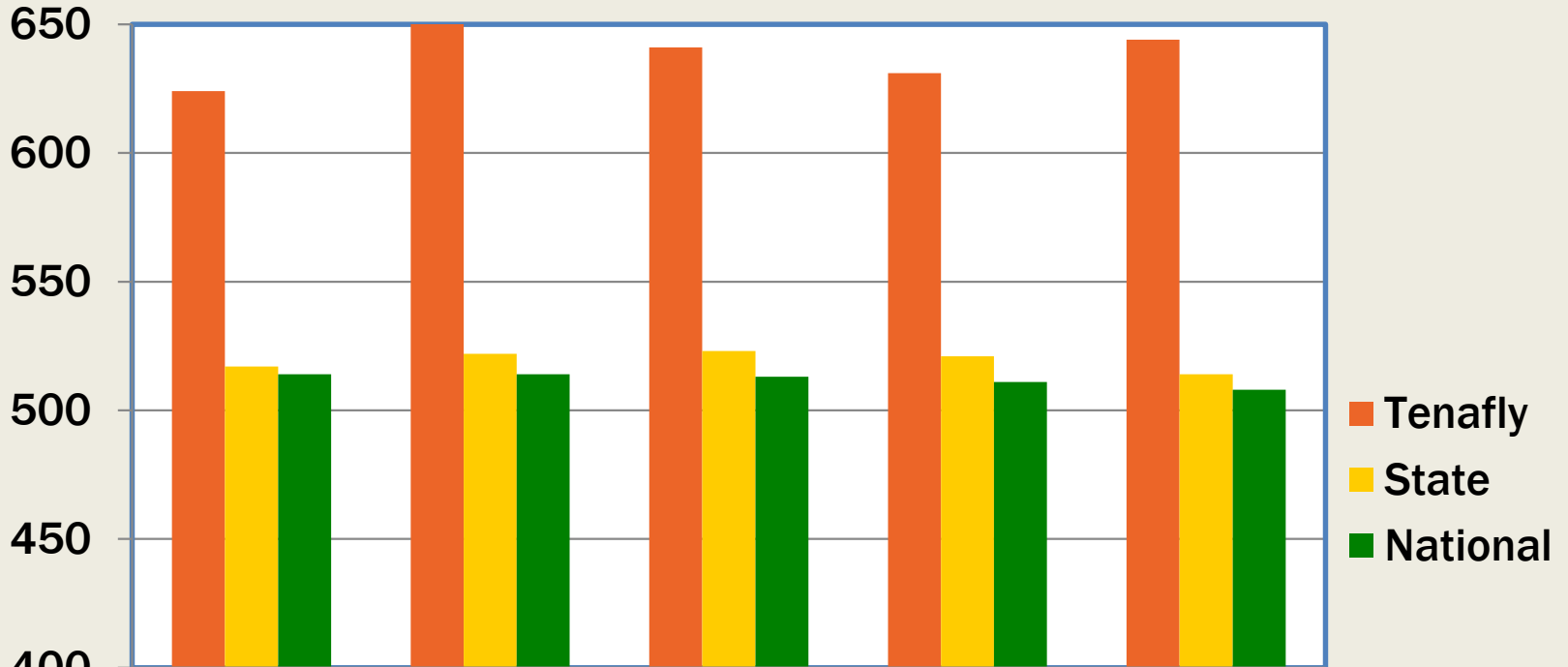
**Optional  
Assessments  
for  
Tenafly High  
School  
Students  
2016**

# SAT Critical Reading Mean Scores



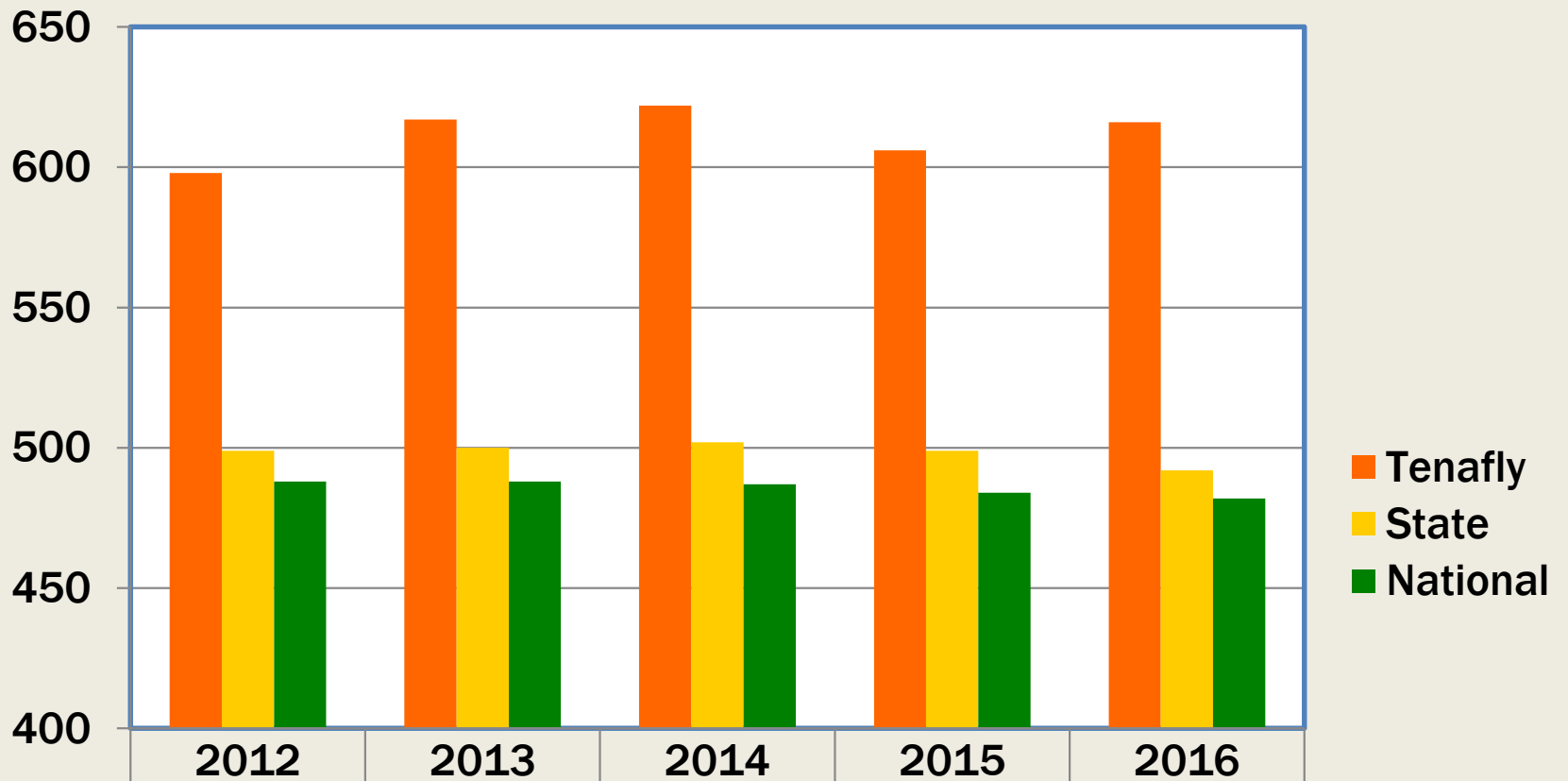
	2012	2013	2014	2015	2016
Tenaflly	574	592	600	586	592
State	495	499	501	500	495
National	496	496	497	495	494

# SAT Math Mean Scores



	2012	2013	2014	2015	2016
<span style="color: orange;">■</span> Tenaflly	624	652	641	631	644
<span style="color: yellow;">■</span> State	517	522	523	521	514
<span style="color: green;">■</span> National	514	514	513	511	508

# SAT Writing Mean Scores



■ Tenafly	598	617	622	606	616
■ State	499	500	502	499	492
■ National	488	488	487	484	482

# PERCENTILES OF CRITICAL READING SCORES

	2012			2013			2014			2015			2016		
%	T	S	N	T	S	N	T	S	T	T	S	N	T	S	N
75	650	570	570	670	570	670	680	580	570	670	580	570	680	580	570
50	580	490	490	590	490	590	600	500	490	590	500	490	600	490	490
25	480	410	420	520	420	520	520	420	420	520	420	410	510	420	410

# PERCENTILES OF MATHEMATICS SCORES

	2012			2013			2014			2015			2016		
%	T	S	N	T	S	N	T	S	N	T	S	N	T	S	N
75	720	600	600	710	610	600	710	610	590	710	610	590	720	600	590
50	660	520	510	650	520	510	640	520	510	640	520	510	660	510	500
25	590	440	430	580	440	430	560	440	430	560	440	430	580	430	420



# PERCENTILES OF WRITING SCORES

	2012			2013			2014			2015			2016		
%	T	S	N	T	S	N	T	S	N	T	S	N	T	S	N
75	690	580	560	700	580	560	710	580	560	680	580	560	700	570	560
50	610	490	480	620	490	480	640	490	480	610	490	480	620	480	480
25	520	420	410	530	420	410	540	420	410	530	420	400	540	410	400

# SAT SUBJECT-MEAN SCORES

Subject	2012	2013	2014	2015	2016
Literature	635 (33)	641 (34)	640 (36)	661 (24)	674 (47)
US History	737 (37)	718 (30)	705 (36)	715 (21)	678 (32)
World History	666 (18)	665 (15)	634 (12)	656 (5)	680 (7)
Math-Level 1	670 (34)	669 (31)	633 (23)	646 (16)	662 (15)
Math-Level 2	741 (86)	744 (109)	734 (111)	727 (91)	725 (100)
Biology-E	673 (29)	661 (46)	704 (45)	678 (34)	669 (27)
Biology-M	719 (27)	684 (28)	677 (23)	688 (27)	670 (23)
Chemistry	717 (60)	707 (70)	719 (49)	701 (53)	718 (46)
Physics	724 (9)	746 (21)	732 (18)	675 (11)	687 (15)
Chinese	N/A (4)	742 (6)	727 (6)	N/A (3)	N/A (3)
French	681 (11)	725 (6)	666 (9)	678 (8)	699 (9)
Hebrew	N/A (3)	N/A (3)	711 (8)	743 (9)	N/A (3)
Korean	N/A (3)	N/A (3)	726 (5)	N/A (2)	N/A (1)
Spanish	685 (19)	690 (15)	646 (22)	697 (11)	675 (11)

# AVERAGE ACT SCORES

		2012	2013	2014	2015	2016
Total Tested	Tenafly	96	106	89	107	155
	State	22,179	24,202	26,182	30,263	33,646
Composite	Tenafly	25.9	26.2	26.6	26.4	27.4
	State	23.4	23.0	23.1	23.2	23.1

# AP SCORES

SUBJECT	2014 Number of Exams	2015 Number of Exams	2016 Number of Exams	2014 % scored 3+	2015 % scored 3+	2016 % scored 3+	2014 Mean Score	2015 Mean Score	2016 Mean Score
Art History			2			0	3.13	3.36	1.50
Biology	63	74	59	77%	85%	75%	3.13	3.36	3.20
Calculus AB	70	64	31	84%	80%	87%	4.04	3.69	3.84
Calculus BC	40	34	56	88%	88%	87%	4.08	4.21	4.00
Chemistry	58	39	39	83%	82%	89%	3.78	3.59	3.96
Chinese	11	12	13	82%	83%	100%	3.45	3.67	4.77
Computer Science	9	5	3	22%	80%	0	1.89	3.20	1.00
English Language and Composition	99	90	106	92%	93%	89%	3.82	4.14	3.92
English Literature and Composition	106	96	102	92%	88%	90%	3.73	3.49	3.81
Environmental Science	1	N/A	38	100%	N/A	34%	5.00	N/A	2.37
French	11	17	18	100%	100%	94%	4.27	4.24	4.33
German			1		100%				5.00
Japanese		8	3		100%	100%		5.00	5.00
European History		11	13		69%	82%		3.18	3.00
Macroeconomics	3	2	22	33%	27%	50%	1.67	2.50	1.91

# AP SCORES (continued)

SUBJECT	2014 Number of Exams	2015 Number of Exams	2016 Number of Exams	2014 % scored 3+	2015 % scored 3+	2016 % scored 3+	2014 Mean Score	2015 Mean Score	2016 Mean Score
Microeconomics	2	3	5	0	33%	80%	1.50	2.33	3.00
Music Theory	13	0	6	38%	N/A	50%	2.46	N/A	2.67
Physics C E & M:	23	22	25	74%	36%	56%	3.48	2.32	2.88
Mechanics:	23	23	26	87%	65%	77%	3.91	3.35	3.50
Psychology	11	9	3	55%	67%	0	2.73	3.11	1.33
Spanish	34	21	20	100%	100%	100%	4.74	4.74	4.95
Statistics	48	58	43	77%	88%	86%	3.38	3.52	3.84
Studio Art Drawing/2D	3	3	6	100%	100%	100%	5.00	4.00	4.17
Studio Art Draw			1			100%			4.00
US Government	37	24	30	86%	75%	83%	3.86	3.17	3.40
US History	39	58	38	92%	97%	97%	4.18	4.22	4.26
World History	16	24	27	100%	79%	74%	3.88	3.08	3.11

## ADVANCED PLACEMENT EXAMS

	2012	2013	2014	2015	2016
Overall % score of 3 or higher	90%	87%	85%	85%	81%
Overall % score of 4 or higher	72%	64%	61%	59%	60%
Overall % score of 5	42%	33%	33%	29%	30%
Number of tests taken	668	760	722	698	774

# ADVANCED PLACEMENT SCHOOL SCORE SUMMARY

	2012	2013	2014	2015	2016
<b>Total AP Students</b>	334	351	318	345	387
<b>Number of Exams</b>	668	759	722	698	774
<b>AP Students with Scores 3+</b>	315	327	293	308	330
<b>% of Total AP Students with Scores 3+</b>	94.3	93.2	92.1	89.3	85.3