

**PARCC RESULTS:
SPRING
2016 & 2017
ADMINISTRATIONS**

LYNDHURST PUBLIC SCHOOLS

**RESULTS PRESENTED TO
THE LYNDHURST
BOARD OF EDUCATION ON
OCTOBER 30, 2017**

**Measuring
College and
Career
Readiness**

NEW JERSEY'S STATEWIDE ASSESSMENT PROGRAM

- 2017 marks the 3rd administration of the *Partnership for Assessment of Readiness for College and Careers (PARCC)*.
- Students took *PARCC English Language Arts and Literacy Assessments (ELA)* in grades 3 – 11.
- Students took *PARCC Mathematics Assessments* in grades 3 – 8 and *End of Course Assessments* in Algebra I, Geometry, and Algebra II.

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**

**COMPARISON OF LYNDHURST'S
STUDENTS TESTED
SPRING 2016 & 2017 PARCC ADMINISTRATIONS
ENGLISH LANGUAGE ARTS/LITERACY**

Grade Level	Number of Students Tested		Difference in Student Participation
	2016	2017	
Grade 3	156	181	+25
Grade 4	188	168	-20
Grade 5	190	196	+6
Grade 6	173	198	+25
Grade 7	181	173	-8
Grade 8	191	187	-4
Grade 9	175	182	+7
Grade 10	194	178	-16
Grade 11	171	199	+28
TOTAL	1,619	1,662	+43 students

“Students Tested” represents individual valid test scores for English Language Arts/Literacy.

COMPARISON OF NEW JERSEY'S SPRING 2016 & 2017 PARCC ADMINISTRATIONS ENGLISH LANGUAGE ARTS/LITERACY

	Not Yet Meeting Expectations (Level 1)		Partially Meeting Expectations (Level 2)		Approaching Expectations (Level 3)		Meeting Expectations (Level 4)		Exceeding Expectations (Level 5)		% Change in Level 1 and Level 2	% Change in Level 4 and Level 5 (College and Career Ready)
	2016	2017	2016	2017	2016	2017	2016	2017	2016	2017		
Grade 3	13.5%	12.7%	16.0%	14.4%	23.0%	22.5%	41.3%	42.9%	6.2%	7.5%	-2.4%	+2.9%
Grade 4	8.2%	7.7%	13.5%	12.8%	24.8%	23.7%	40.8%	40.5%	12.7%	15.3%	-1.2%	+2.3%
Grade 5	6.7%	6.8%	14.7%	12.2%	25.3%	22.1%	46.4%	48.2%	6.9%	10.7%	-2.4%	+5.6%
Grade 6	7.5%	6.5%	14.1%	14.6%	26.2%	25.6%	41.3%	41.0%	11.0%	12.3%	-0.5%	+1.0%
Grade 7	9.5%	8.9%	12.5%	11.4%	21.6%	20.5%	35.6%	35.4%	20.7%	23.8%	-1.7%	+2.9%
Grade 8	10.1%	9.0%	13.0%	11.6%	21.7%	20.3%	40.7%	40.5%	14.5%	18.6%	-2.5%	+3.9%
Grade 9	12.9%	13.4%	15.0%	12.9%	23.1%	22.8%	35.8%	37.3%	13.2%	13.6%	-1.6%	+1.9%
Grade 10	20.9%	21.5%	14.2%	14.0%	20.4%	19.3%	31.0%	31.4%	13.4%	13.8%	+0.4%	+0.8%
Grade 11	18.5%	22.1%	18.1%	18.1%	23.3%	22.2%	31.7%	29.1%	8.4%	8.5%	+3.6%	-2.5%

Percentages may not total 100% due to rounding.

COMPARISON OF LYNDBURST'S SPRING 2016 & 2017 PARCC ADMINISTRATIONS AVERAGE OVERALL SCORE COMPARISON BY GRADE LEVEL ENGLISH LANGUAGE ARTS/LITERACY

	District Overall Score		State Overall Score		Cross State Overall Score		Comparison of District to State		Comparison of District to Cross-State	
	2016	2017	2016	2017	2016	2017	2016	2017	2016	2017
Grade 3	746	749	746	749	738	738	=	=	+8 pts.	+11 pts.
Grade 4	753	759	751	753	742	742	+2 pts.	+6 pts.	+11 pts.	+17 pts.
Grade 5	751	757	751	755	742	743	=	+2 pts.	+9 pts.	+14 pts.
Grade 6	752	756	750	752	741	741	+2 pts.	+4 pts.	+11 pts.	+15 pts.
Grade 7	756	759	753	756	742	743	+3 pts.	+ 3 pts.	+14 pts.	+16 pts.
Grade 8	760	760	753	757	743	742	+7 pts.	+3 pts.	+17 pts.	+18 pts.
Grade 9	752	754	746	748	738	741	+6 pts.	+6 pts.	+14 pts.	+13 pts.
Grade 10	749	748	740	748	737	741	+9 pts.	=	+12 pts.	+7 pts.
Grade 11	737	737	737	735	737	734	=	+2 pts.	=	+ 3pts.

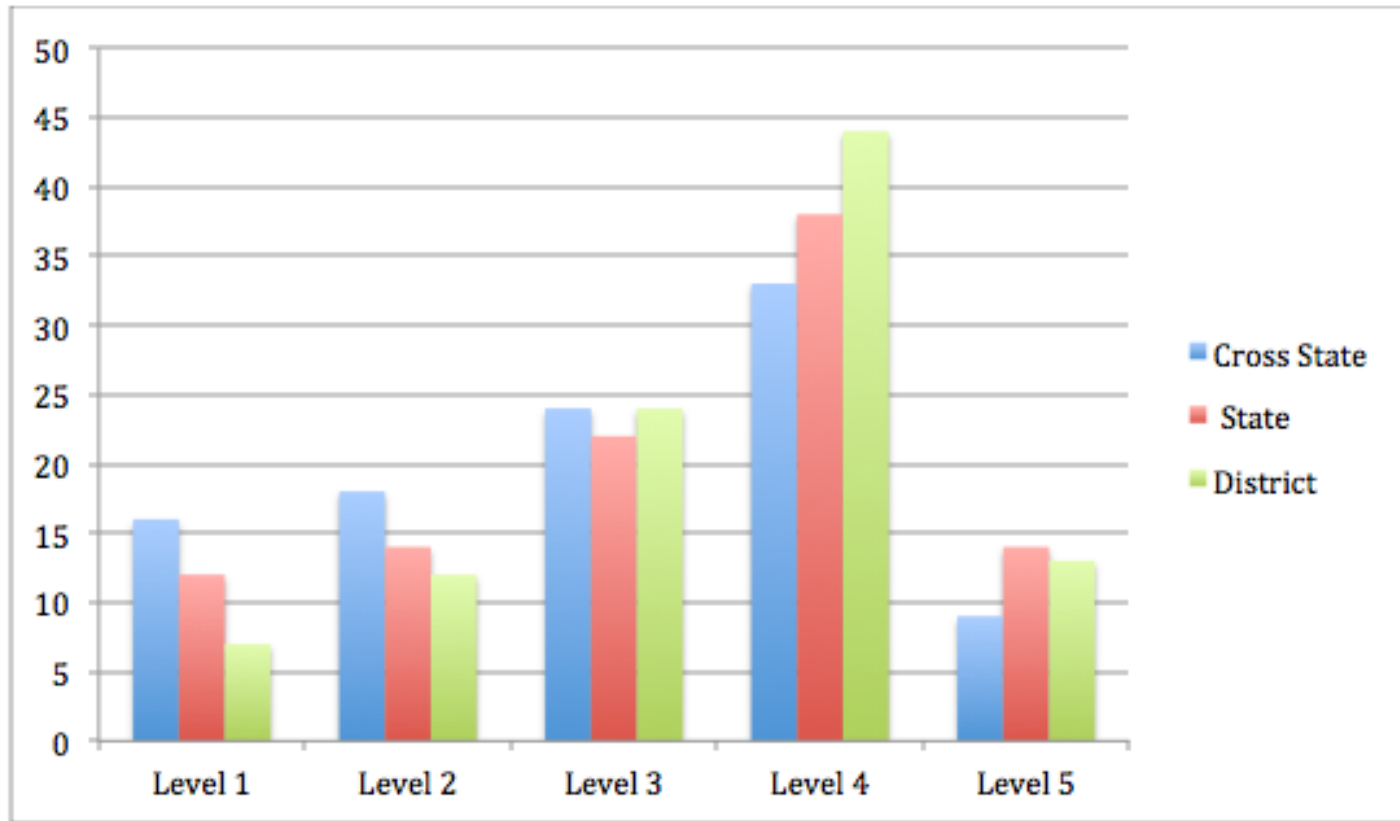
- Red Font indicates grades with a 2017 overall score that falls below the state average
- Yellow Highlights indicate a 2017 district average that is equal to or exceeds the state average
- Blue Highlights indicate an average score equal to or above a score of “4”

COMPARISON OF LYNDHURST'S SPRING 2016 & 2017 PARCC ADMINISTRATIONS ENGLISH LANGUAGE ARTS/LITERACY

	Not Yet Meeting Expectations (Level 1)		Partially Meeting Expectations (Level 2)		Approaching Expectations (Level 3)		Meeting Expectations (Level 4)		Exceeding Expectations (Level 5)		Level 4 & 5 College And Career	% Change From 2016
	2016	2017	2016	2017	2016	2017	2016	2017	2016	2017	2017	
Grade 3	6%	6%	21%	23%	28%	23%	42%	41%	3%	7%	48%	+3%
Grade 4	2%	2%	14%	5%	28%	34%	46%	43%	10%	15%	58 %	+2%
Grade 5	4%	4%	13%	6%	27%	28%	54%	58%	2%	5%	63%	+7%
Grade 6	8%	3%	13%	8%	22%	28%	48%	54%	10%	8%	62%	+4%
Grade 7	5%	8%	10%	10%	23%	23%	44%	32%	17%	27%	59%	-2%
Grade 8	5%	2%	10%	10%	24%	19%	42%	58%	18%	11%	69%	+9%
Grade 9	9%	5%	14%	12%	25%	23%	38%	48%	14%	12%	60%	+8%
Grade 10	13%	15%	13%	16%	20%	20%	41%	28%	13%	21%	49%	-5%
Grade 11	20%	23%	19%	15%	25%	22%	26%	30%	11%	10%	40%	+3%

Percentages may not total 100% due to rounding.

2017 Comparison of Student % at Levels: District to State/Cross State Gr 3-12 ELA



Level	1	2	3	4	5
Score	650-699	700-724	725-749	750-799*	800*-850

* Varies by grade

ELA TRENDS

- In the 2017 test administration, every tested grade level (3-11) had a higher number of students who received a 5 (exceeded expectations) compared to the 2016 test
- Grades 4-10 had higher mean scores than the state mean
- Grades 3 and 11 had equal mean scores with the state
- All tested grades (3-11) had higher writing scores than the state
- Grades 3, 4, and 6 had equal or higher vocabulary scores as compared to the state

Recommendations

Grades 5 and 7-11 need to build vocabulary skills due to lower scores on the vocabulary portion of the assessment.

Grades 9-11 need to focus and improve in the of narrative writing.

COMPARISON OF LYNDHURST'S STUDENTS TESTED SPRING 2016 & 2017 PARCC ADMINISTRATIONS MATHEMATICS

	Number of Students Tested		Difference in Student Participation
	2016	2017	
Grade 3	157	183	+26
Grade 4	188	170	-18
Grade 5	192	198	+6
Grade 6	174	200	+26
Grade 7	182	177	-5
Grade 8*	114	113	-1
Algebra I	230	221	-9
Algebra II	152	166	+14
Geometry	192	173	-19
TOTAL	1,581	1601	+20 students

*Some students in grade 8 participated in the PARCC Algebra I assessment in place of the 8th grade Math assessment. Thus, PARCC Math 8 outcomes are not representative of grade 8 performance as a whole.

“Students Tested” represents individual valid test scores for Mathematics.

COMPARISON OF NEW JERSEY'S SPRING 2016 & 2017 PARCC ADMINISTRATIONS MATHEMATICS

	Not Yet Meeting Expectations (Level 1)		Partially Meeting Expectations (Level 2)		Approaching Expectations (Level 3)		Meeting Expectations (Level 4)		Exceeding Expectations (Level 5)		% Change in Level 1 and Level 2	% Change in Level 4 and Level 5 (College and Career Ready)
	2016	2017	2016	2017	2016	2017	2016	2017	2016	2017		
Grade 3	8.1%	7.8%	15.9%	14.6%	24.3%	25.1%	39.0%	38.7%	12.7%	13.7%	-1.6%	+0.7%
Grade 4	8.0%	8.1%	18.6%	17.5%	26.8%	27.1%	41.2%	40.6%	5.4%	6.7%	-1.0%	+0.5%
Grade 5	6.2%	6.5%	18.3%	17.8%	28.2%	29.6%	38.4%	37.3%	8.8%	8.9%	-0.2%	-1.0%
Grade 6	8.9%	9.7%	19.1%	19.1%	29.1%	27.7%	35.6%	35.0%	7.3%	8.6%	+0.8%	+0.7%
Grade 7	9.0%	8.0%	20.1%	19.9%	32.3%	32.4%	33.5%	33.9%	5.2%	5.7%	-2.2%	+0.9%
Grade 8*	21.5%	22.9%	25.3%	21.4%	27.5%	28.0%	24.9%	26.9%	0.7%	0.8%	-0.5%	+2.1%
Algebra I	12.8%	12.2%	21.3%	22.1%	24.8%	24.2%	37.3%	36.9%	3.9%	4.5%	+0.2%	+0.2%
Algebra II	33.5%	34.4%	22.6%	21.4%	18.8%	17.6%	22.7%	23.6%	2.4%	3.0%	-0.3%	+1.5%
Geometry	10.5%	10.0%	31.1%	29.0%	31.4%	31.3%	23.2%	25.8%	3.8%	4.0%	-2.6%	+2.8%

*Approximately 30,000 New Jersey students in grade 8 participated in the PARCC Algebra I assessment. Thus, PARCC Math 8 outcomes are not representative of grade 8 performance as a whole. Percentages may not total 100% due to rounding. Data shown is preliminary.

COMPARISON OF LYNDHURST'S SPRING 2016 & 2017 PARCC ADMINISTRATIONS AVERAGE OVERALL SCORE COMPARISON BY GRADE LEVEL MATHEMATICS

	District Overall Score		State Overall Score		Cross State Overall Score		Comparison of District to State		Comparison of District to Cross-State	
	2016	2017	2016	2017	2016	2017	2016	2017	2016	2017
Grade 3	750	747	750	751	743	742	=	-4 pts.	+7 pts.	+5 pts.
Grade 4	741	740	746	747	738	737	-5 pts.	-7 pts.	+3 pts.	+3 pts.
Grade 5	739	737	747	747	739	737	-8 pts.	-10 pts.	=	=
Grade 6	741	743	743	743	736	734	-2 pts.	=	+5 pts.	+9 pts.
Grade 7	739	739	740	741	735	734	-1 pt.	-2 pts.	+4 pts.	+5 pts.
Grade 8	714	721	726	728	728	725	-12 pts.	-7 pts.	-14 pts.	-4 pts.
Algebra I	749	738	741	743	734	738	+8 pts.	-5 pts.	+15 pts.	=
Geometry	735	733	732	734	732	735	+3 pts.	-1 pt.	+3 pts.	-2 pts.
Algebra II	731	727	721	723	720	723	+10 pts.	+4 pts.	+11 pts.	+4 pts.

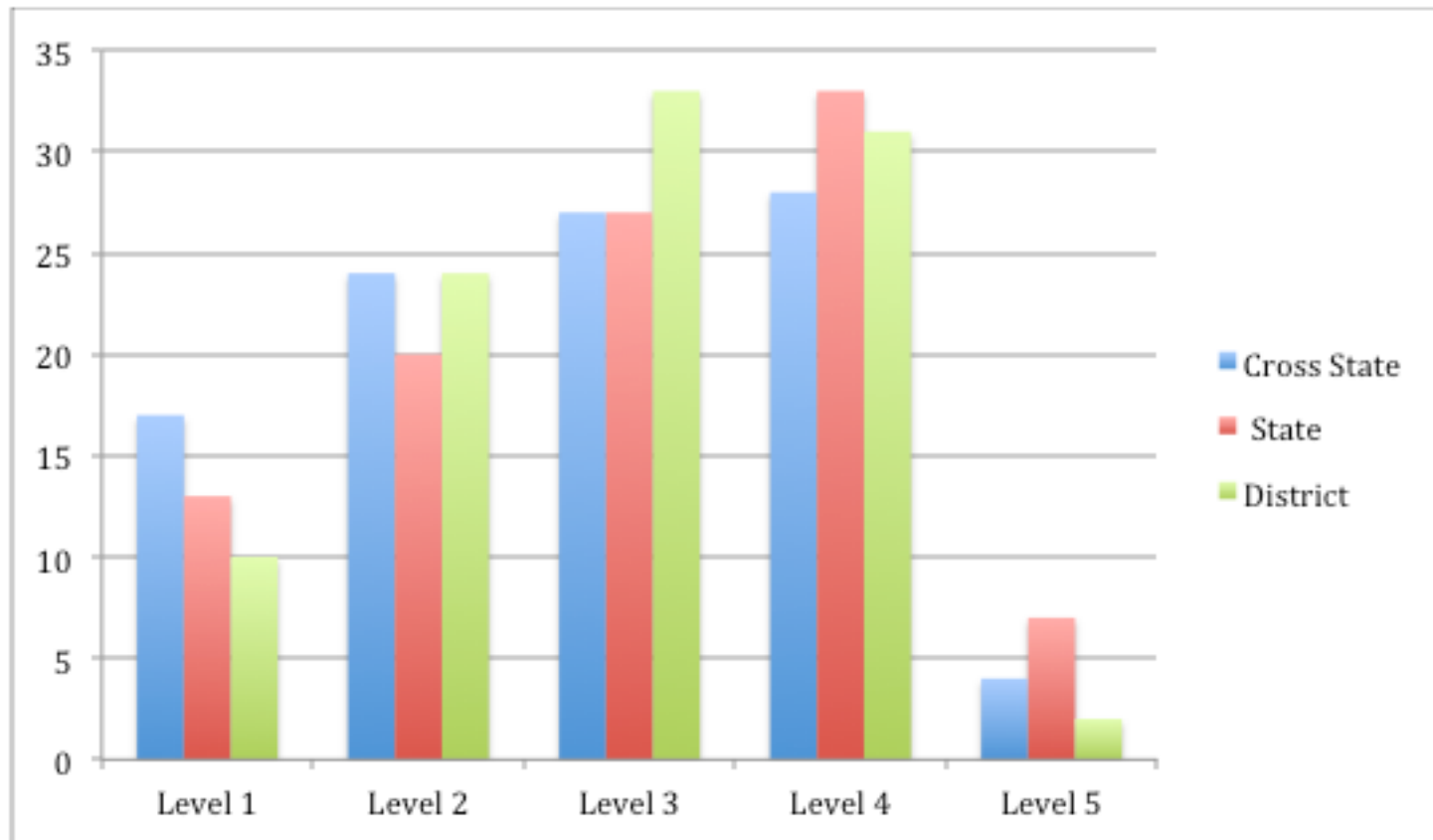
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COMPARISON OF LYNDHURST'S SPRING 2016 & 2017 PARCC ADMINISTRATIONS MATHEMATICS

	Not Yet Meeting Expectations (Level 1)		Partially Meeting Expectations (Level 2)		Approaching Expectations (Level 3)		Meeting Expectations (Level 4)		Exceeding Expectations (Level 5)		Level 4 & 5 College And Career	% Change From 2016
	2016	2017	2016	2017	2016	2017	2016	2017	2016	2017	2017	
Grade 3	4%	4%	12%	14%	32%	36%	46%	42%	6%	4%	46%	- 6%
Grade 4	4%	5%	23%	25%	35%	32%	37%	36%	1%	1%	37%	- 1%
Grade 5	4%	7%	28%	25%	36%	41%	30%	24%	2%	4%	28%	- 4%
Grade 6	6%	8%	22%	19%	33%	30%	37%	38%	3%	7%	45%	+ 5%
Grade 7	8%	7%	23%	26%	35%	30%	32%	33%	2%	3%	36%	+ 2%
Grade 8*	30%	25%	35%	26%	24%	30%	11%	19%	0%	0%	19%	+ 8%
Algebra I	5%	9%	14%	22%	30%	39%	50%	30%	2%	0%	30%	- 22%
Algebra II	24%	26%	18%	22%	25%	23%	34%	30%	0%	0%	30%	- 4%
Geometry	8%	3%	24%	33%	40%	39%	27%	24%	2%	0%	26%	- 1%

*Some students in grade 8 participated in the PARCC Algebra I assessment in place of the 8th grade Math assessment. Thus, PARCC Math 8 outcomes are not representative of grade 8 performance as a whole.
Percentages may not total 100 due to rounding.

2017 Comparison of Student % at Levels: District to State/Cross State Gr 3-12 Math



Level	1	2	3	4	5
Score	650-699	700-724	725-749	750-799*	800*-850

* Varies by grade

MATH TRENDS

■ Trend #1:

While we have decreased amounts of students that are achieving a Level 1 score, we also have decreased amounts of students that are achieving a score at a Level 4 and 5.

We tend to have significantly more students that are achieving a Level 3.

- Are we targeting our instruction to simply approach or meet expectations?
- How can we raise the bar to meet and exceed expectations?

MATH TRENDS

- **Trend #2:**
We typically underperform at Sub Claims C and D
- **Are we teaching to the standard as a skill?**
- **Does our instruction consist of teaching the skill by memorizing facts, procedures and rules?**
- **How can we gear instruction towards understanding “Why” not “How”?**

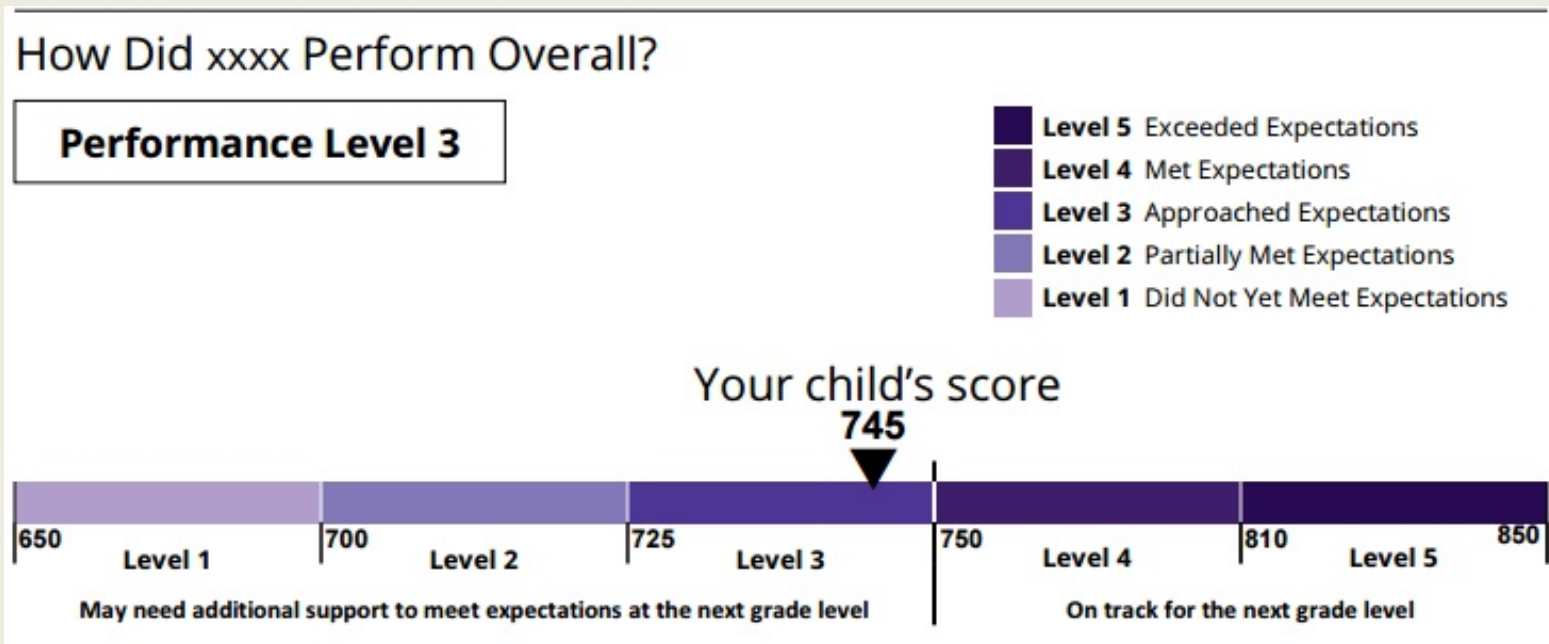
QUESTIONS THAT WILL USE PARCC DATA AS A TOOL FOR REFLECTION

- What does this PARCC data identify as the strengths and gaps that exist in our curriculum and instruction?
- According to this PARCC data, what areas are in need of improvement or enhancement within our district's curricula?
 - How will we address these now?
 - How will we address these in a long-term strategic plan?
- How will we provide additional resources and support for our educators to meet the learning needs of all our students? What are these resources and means of support?

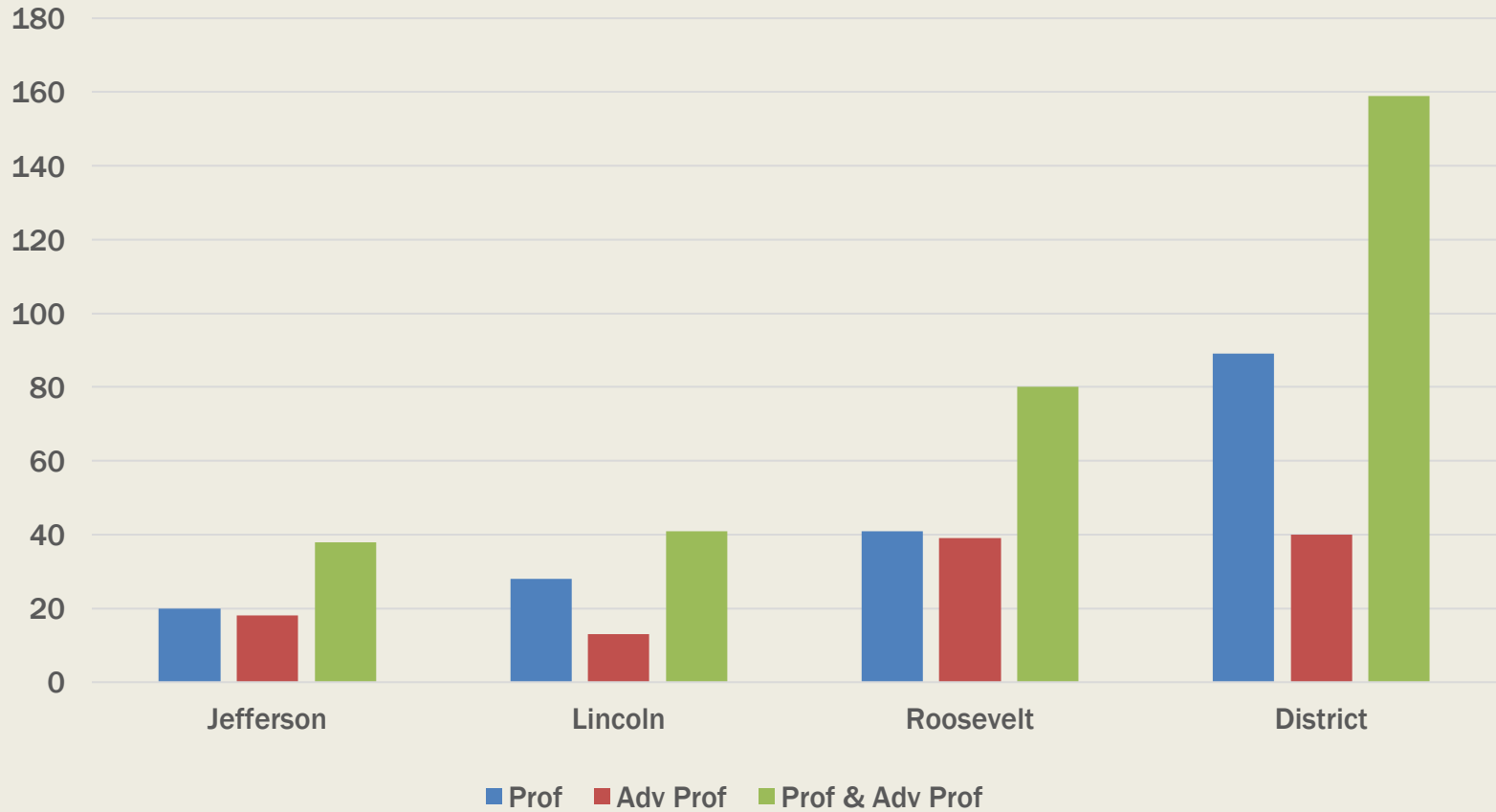
RESOURCES FOR PARENTS

STUDENT TEST REPORTS WERE SENT HOME THE
WEEK OF SEPTEMBER 25, 2017

- Information on the new 2016-17 PARCC Student Reports:
<http://www.state.nj.us/education/assessment/parents/HeroFamilyGuide.pdf>
- Understanding the student score reports (with translations):
<http://understandthescore.org/>



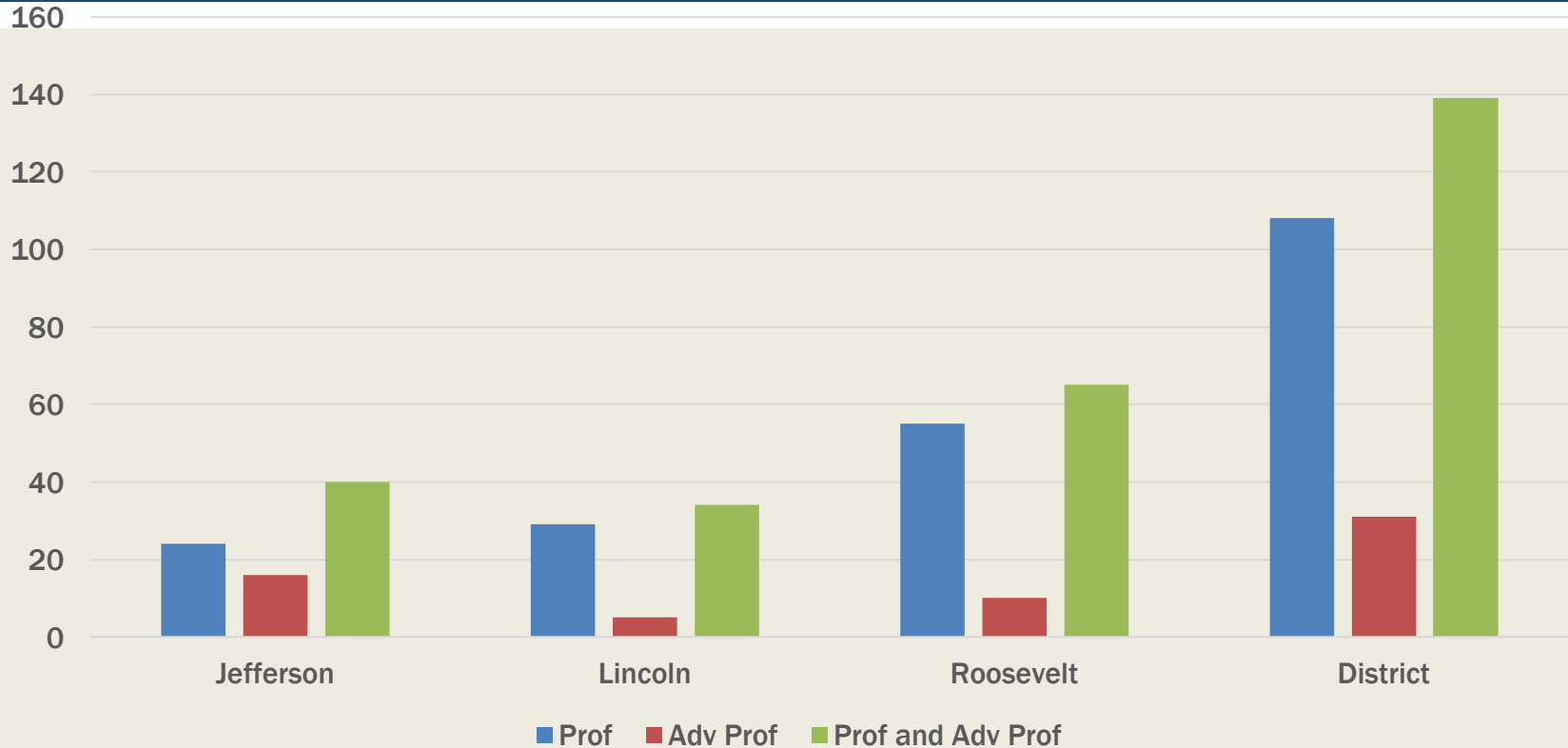
NJ ASK SCIENCE GRADE 4



Jefferson School - 86% Prof and Adv Prof
Lincoln School - 84% Prof and Adv Prof
Roosevelt School - 98% Prof and Adv Prof
District - 91% Prof and Adv Prof

State - 85.5% Prof and Adv Prof

NJ ASK SCIENCE GRADE 8



Jefferson School – 73% Prof and Adv Prof

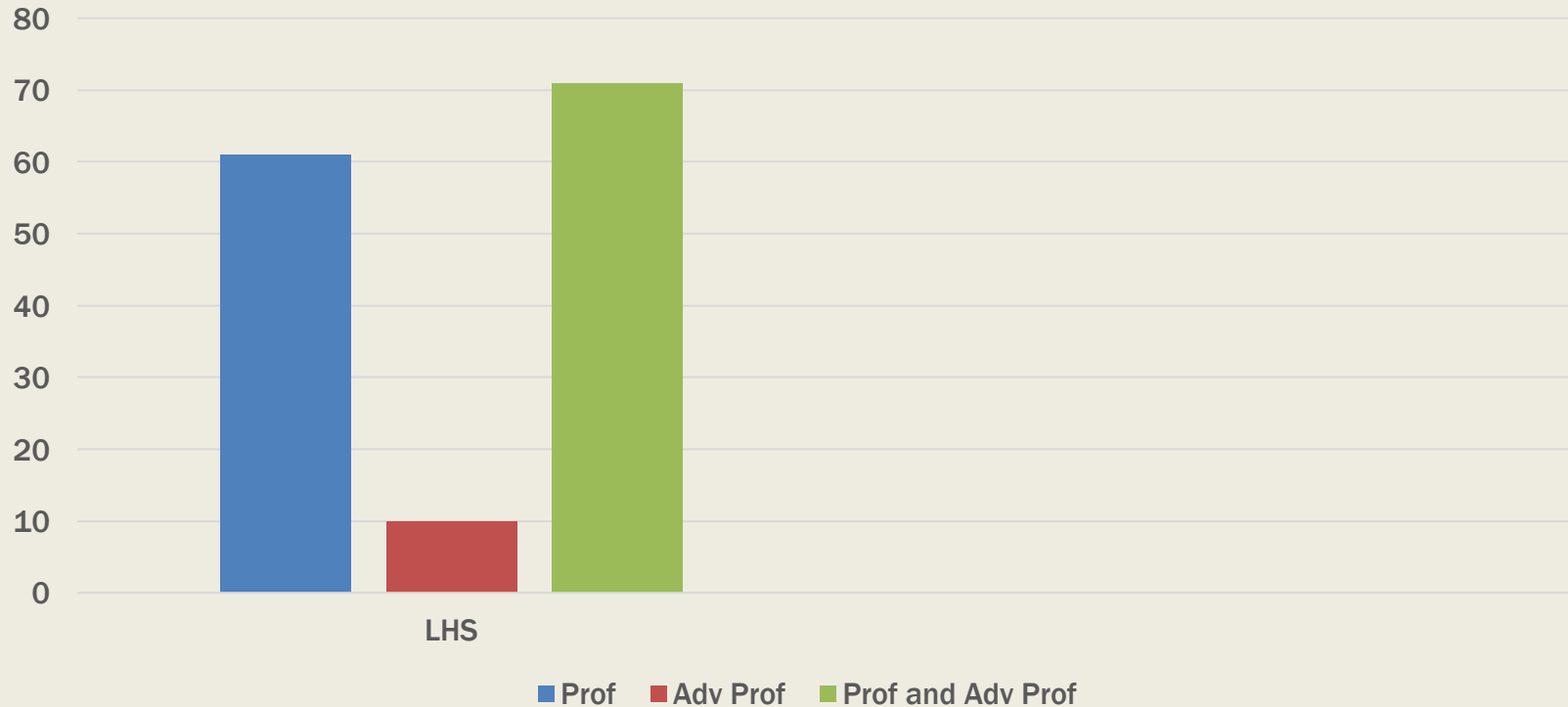
State – 73.2% Prof and Adv Prof

Lincoln School – 69% Prof and Adv Prof

Roosevelt School – 76% Prof and Adv Prof

District – 74% Prof and Adv Prof

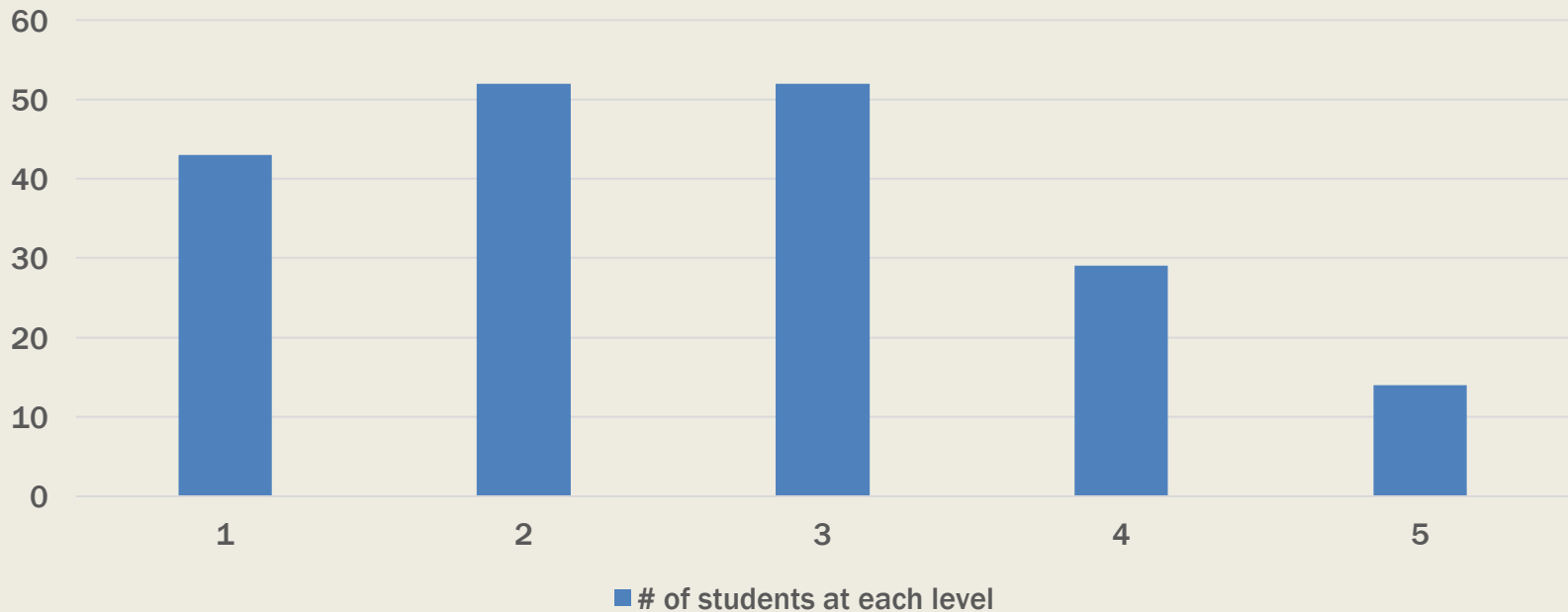
NJ BIOLOGY COMPETENCY TEST NJBCT



LHS – 36% Prof and Adv Prof
State – 56.7% Prof and Adv Prof

2017 AP DATA

LHS AP Scores



190 Students took the various assessments

1's - 43

2's - 52

3's - 52

4's - 29

5's - 14

COMPARISONS OF SPRING *PARCC* AND *NAEP* RESULTS MEETING AND EXCEEDING EXPECTATIONS GRADE 4 ENGLISH LANGUAGE ARTS/LITERACY AND MATH GRADE 8 ENGLISH LANGUAGE ARTS/LITERACY

2017 LYNDHURST ELA/L Grade 4	58%
2016 LYNDHURST ELA/L Grade 4	56%
2017 NJ PARCC ELA/L Grade 4	56%
2016 NJ PARCC ELA/L Grade 4	54%
2015 NAEP Reading Grade 4*	43%

2017 LYNDHURST Math Grade 4	47%
2016 LYNDHURST Math Grade 4	38%
2017 NJ PARCC Math Grade 4	47%
2016 NJ PARCC Math Grade 4	47%
2015 NAEP Math Grade 4*	47%

2017 LYNDHURST ELA/L Grade 8	69%
2016 LYNDHURST ELA/L Grade 8	60%
2017 NJ PARCC ELA/L Grade 8	59%
2016 NJ PARCC ELA/L Grade 8	55%
2015 NAEP Reading Grade 8*	41%

*Reflects National Average Scores

NAEP: National Assessment of Educational Progress: <https://nces.ed.gov/nationsreportcard/>

DYNAMIC LEARNING MAP ALTERNATE ASSESSMENT (DLM)

The alternate assessment for students with the most significant intellectual disabilities in English Language Arts, Mathematics, and Science is called the Dynamic Learning Maps (DLM).

DLM ASSESSMENT REPORTING

- The student demonstrates **emerging** understanding of and ability to apply content knowledge and skills represented by the Essential Elements.
- The student's understanding of and ability to apply targeted content knowledge and skills represented by the Essential Elements is **approaching the target**.
- The student's understanding of and ability to apply content knowledge and skills represented by the Essential Elements is **at target**.
- The student demonstrates **advanced** understanding of and ability to apply targeted content knowledge and skills represented by the Essential Elements.

OVERVIEW OF LPS DLM STUDENTS

Jefferson School

4th Grade

3 ELA Students
3 Math Students

6th Grade

5 ELA Students
5 Math Students

Roosevelt School

6th Grade

1 ELA Student
1 Math Student

Lyndhurst High School

11th Grade

4 ELA Students
3 Math Students

DYNAMIC LEARNING MAP ALTERNATE ASSESSMENT (DLM)

4th Grade ELA	4th Grade Math	6th Grade ELA	6th Grade Math	11th Grade ELA	11th Grade Math
2 At Target	3 At Target	1 Emerging	4 Emerging	4 Approaching Target	2 Emerging
1 Advanced		2 Approaching Target	1 Approaching Target		1 Approaching Target
		2 At Target	1 Advanced		
		1 Advanced			

PURPOSE OF ACCESS FOR ELLS 2.0

- Helps students and families understand students' current level of English language proficiency along the developmental continuum.
- Serves as one of multiple measures used to determine whether students are prepared to exit English language support programs.
- Generates information that assists in determining whether ELLs have attained the language proficiency needed to participate meaningfully in content area classrooms without program support.
- Provides teachers with information they can subsequently use to enhance instruction and learning in programs for their English language learners.
- Provides districts with information that will help them evaluate the effectiveness of their ESL/bilingual programs.
- Meets, and exceeds, federal requirements for the monitoring and reporting of ELLs' progress toward English language proficiency.

LYNDHURST MARCH 2017 LOWER ELEMENTARY

Grade/School	Scores	Total Students
Columbus		
K	1.8	1
1		0
2	1.8	1
Franklin		
K	4.1, 1.9, 3.6, 5.1	4
1	2.4, 3.1	2
2	3.0, 4.5, 2.4	3
Washington		
K	1.5, 1.0, 5.3, 1.0, 4.3	5
1	3.1, 3.3, INC	3
2	2.0, 2.5	2
Memorial		
3	3.6, 3.8	2
Total		23

LYNDHURST MARCH 2017 UPPER ELEMENTARY

Grade/School	Scores	Total Students
Jefferson		
4		0
5	1.9, 3.8, 4.7	3
6	3.6, 1.7	2
7	4.1	1
8	3.2	1
Lincoln		
4	2.6, 1.7, 2.6, 3.0	4
5	5.2	1
6	3.7, 4.3, 4.6	3
7	2.5, 1.7, 1.7, 3.8, 1.4	5
8	5.1, 4.7	2
Total		22

LYNDHURST MARCH 2017 HIGH SCHOOL

Grade/School	Scores	Total Students
LHS		
9	2.2, 3.3, 2.6, 3.8, 4.6, 5.0	6
10	2.4, 3.5, 3.3, 3.0, 3.6, 4.1, 2.6, 2.7, 4.5	9
11	2.0, 1.9, 2.3, 3.0, 3.0, 3.0, 4.5	7
12	2.9, 2.0, 2.6, 3.6	4
Total		26

QUESTIONS OR CONCERNS

Does anyone have any questions or anything they would like us to give additional information on?