

Collingswood Public Schools

2016 District Testing Report

Prepared for the
Collingswood Board of Education
October 24, 2016

New Jersey's Statewide Assessment Program

- 2016 marks the 2nd administration of the Partnership for Assessment of Readiness for College and Careers (PARCC) and the first opportunity to compare year-to-year results as the following slides will show.
- Students took PARCC English Language Arts and Literacy Assessments (ELA/L) 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

1	Did Not Yet Meet Expectations (650-699)	2	Partially Met Expectations (700-724)	3	Approached Expectations (725-749)	4	Met Expectations (750-787)	5	Exceeded Expectations (788-850)
----------	---	----------	--	----------	---	----------	--	----------	---

Comparison of New Jersey's 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)
	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016		
Grade 3	15.1%	13.5%	17.8%	16.0%	23.7%	23.0%	38.6%	41.3%	4.9%	6.2%	↓ 3.4%	↑ 4.1%
Grade 4	7.8%	8.2%	14.5%	13.5%	26.6%	24.8%	39.4%	40.8%	11.7%	12.7%	↓ 0.6%	↑ 2.4%
Grade 5	7.2%	6.7%	15.1%	14.7%	26.1%	25.3%	45.1%	46.4%	6.4%	6.9%	↓ 0.9%	↑ 1.7%
Grade 6	7.9%	7.5%	15.5%	14.1%	27.8%	26.2%	39.7%	41.3%	9.1%	11.0%	↓ 1.9%	↑ 3.5%
Grade 7	10.8%	9.5%	14.5%	12.5%	23.1%	21.6%	33.9%	35.6%	17.7%	20.7%	↓ 3.3%	↑ 4.7%
Grade 8	11.5%	10.1%	14.6%	13.0%	22.3%	21.7%	39.1%	40.7%	12.5%	14.5%	↓ 3.0%	↑ 3.6%
Grade 9	17.6%	12.9%	19.0%	15.0%	23.6%	23.1%	30.3%	35.8%	9.5%	13.2%	↓ 8.7%	↑ 9.2%
Grade 10	25.3%	20.9%	17.7%	14.2%	20.3%	20.4%	25.6%	31.0%	11.0%	13.4%	↓ 7.8%	↑ 7.7%
Grade 11*	16.7%	18.5%	18.7%	18.1%	23.5%	23.3%	30.1%	31.7%	10.9%	8.4%	↑ 1.1%	↓ 0.9%

Comparison of New Jersey's 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)
	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016		
Grade 3	8.3%	8.1%	18.5%	15.9%	28.3%	24.3%	36.9%	39.0%	8.0%	12.7%	↓ 2.8%	↑ 6.8%
Grade 4	7.2%	8.0%	21.9%	18.6%	30.3%	26.8%	36.3%	41.2%	4.3%	5.4%	↓ 2.5%	↑ 5.9%
Grade 5	6.1%	6.2%	20.7%	18.3%	32.1%	28.2%	34.9%	38.4%	6.1%	8.8%	↓ 2.3%	↑ 6.2%
Grade 6	7.6%	8.9%	21.4%	19.1%	30.2%	29.1%	34.8%	35.6%	6.0%	7.3%	↓ 1.0%	↑ 2.2%
Grade 7	7.7%	9.0%	22.3%	20.1%	33.3%	32.3%	33.0%	33.5%	3.8%	5.2%	↓ 0.9%	↑ 1.9%
Grade 8*	21.9%	21.5%	26.2%	25.3%	28.4%	27.5%	23.0%	24.9%	0.5%	0.7%	↓ 1.3%	↑ 2.1%
Algebra I	13.8%	12.8%	25.3%	21.3%	25.0%	24.8%	32.9%	37.3%	3.1%	3.9%	↓ 5.0%	↑ 5.2%
Algebra II	31.7%	33.5%	24.5%	22.6%	19.9%	18.8%	22.3%	22.7%	1.6%	2.4%	↓ 0.1%	↑ 1.1%
Geometry	12.4%	10.5%	35.6%	31.1%	29.7%	31.4%	19.5%	23.2%	2.9%	3.8%	↓ 6.3%	↑ 4.6%

Comparison of Collingswood English Language Arts (ELA) Scores to State/Cross-State

>= Level 4 Met or Exceeded Expectations

GRADE	CROSS - STATE	NJ	Collingswood
3	39.7%	47.6%	54.8%
4	43.1%	53.5%	52.3%
5	42.4%	53.2%	48.0%
6	41.2%	52.3%	48.7%
7	43.8%	56.3%	36.1%
8	44.2%	55.2%	35.8%
9	39.0%	48.5%	49.1%
10	40.4%	43.4%	46.5%
11	38.4%	39.1%	50.6%

Comparison of Collingswood Mathematics Scores to State /Cross-State

>= Level 4 Met or Exceeded Expectations

GRADE	CROSS - STATE	NJ	Collingswood
3	44.0%	51.7%	60.3%
4	37.1%	46.6%	47.7%
5	37.6%	47.2%	36.0%
6	34.0%	43.0%	35.0%
7	30.7%	38.7%	30.2%
8	28.7%	25.6%	13.5%
Algebra 1	33.1%	41.2%	37.3%
Geometry	27.0%	27.0%	24.5%
Algebra 2	23.1%	25.0%	16.5%

Comparison of Collingswood Science Scores to NJ State

Percentage of students \geq 200 scaled score

GRADE - TEST	NJ	Collingswood
Grade 4 NJ ASK	89.8%	96.6%
Grade 8 NJ ASK	72.9%	65.8%
HS Biology - NJ BCT	56.7%	48.2%

Comparison of Collingswood Spring 2015 and Spring 2016 Scores - ELA

>= Level 4 Met or Exceeded Expectations

GRADE	2015	2016
3	48%	54.8%
4	48%	52.3%
5	57%	48.0%
6	50%	48.7%
7	47%	36.1%
8	59%	35.8%
9	39%	49.1%
10	53%	46.5%
11	44%	50.6%

Comparison of Collingswood Spring 2015 and Spring 2016 Scores - Math

>= Level 4 Met or Exceeded Expectations

GRADE	2015	2016
3	55%	60.3%
4	46%	47.7%
5	44%	36.0%
6	36%	35.0%
7	35%	30.2%
8	27%	13.5%
Algebra 1	28%	37.3%
Geometry	29%	24.5%
Algebra 2	16%	16.5%

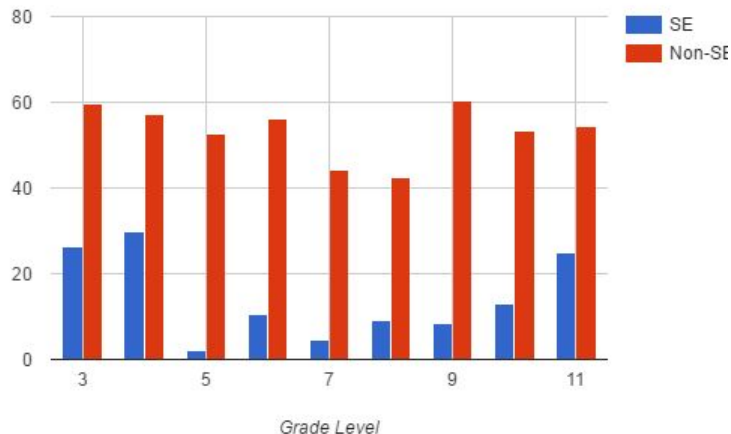
Comparison of Collingswood Spring 2015 and Spring 2016 Scores - Science

GRADE - TEST	2015	2016
Grade 4 NJ ASK	93.8%	96.6%
Grade 8 NJ ASK	82.5%	65.8%
HS Biology - NJ BCT	53.2%	48.2%

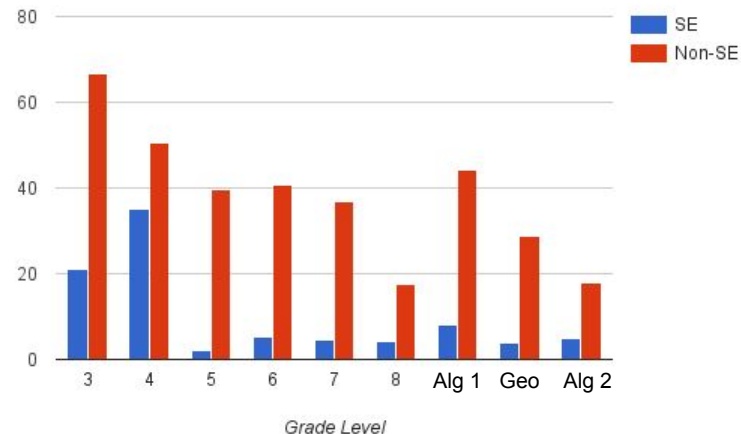
Collingswood Subgroup: Special Education Score Comparison for ELA and Math

Columns represents percentage of students who have \geq Level 4 (Met or Exceeded Expectations)

Special Education Subgroup - ELA



Special Education Subgroup - Math

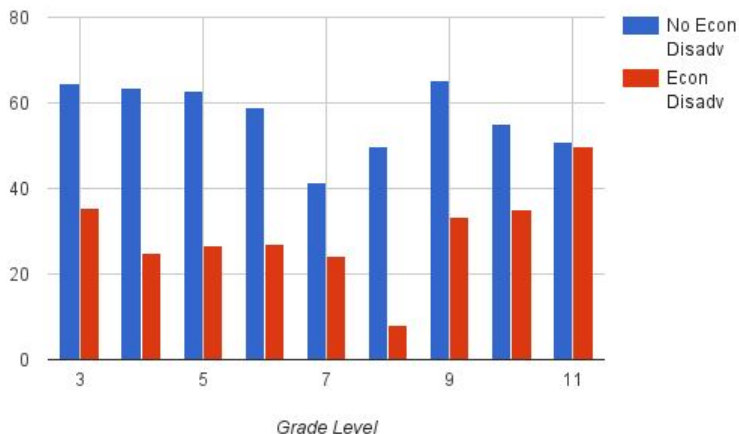


Grade	3	4	5	6	7	8	9	10	11
# of SE Students	19	20	9	19	22	22	36	31	24
% of SE students	14%	18%	9%	16%	20%	20%	22%	17%	13%
Total # of Std	135	109	100	117	108	109	165	187	180

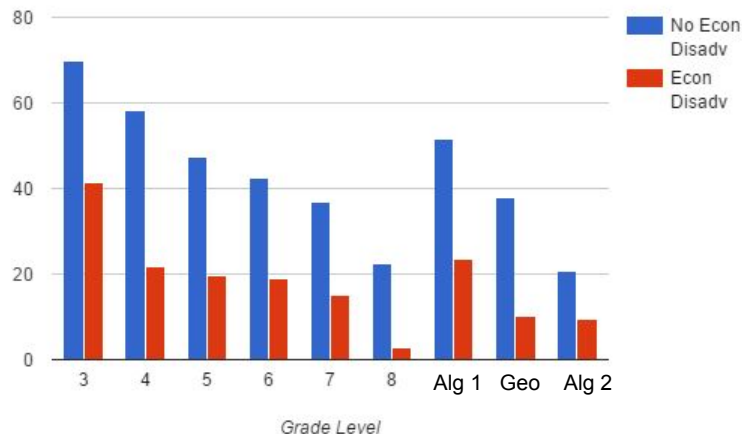
Collingswood Subgroup: Economically Disadvantaged Comparison for ELA and Math

Columns represents percentage of students who have \geq Level 4 (Met or Exceeded Expectations)

Economically Disadvantaged Subgroup - ELA



Economically Disadvantaged Subgroup - Math

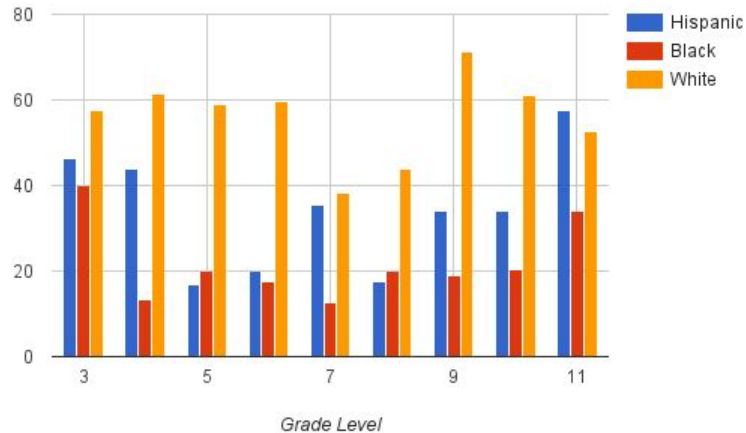


Grade	3	4	5	6	7	8	9	10	11
# of ED Students	45	32	41	37	33	37	84	80	76
% of ED students	33%	29%	41%	32%	31%	34%	51%	43%	42%
Total # of Std	135	109	100	117	108	109	165	187	180

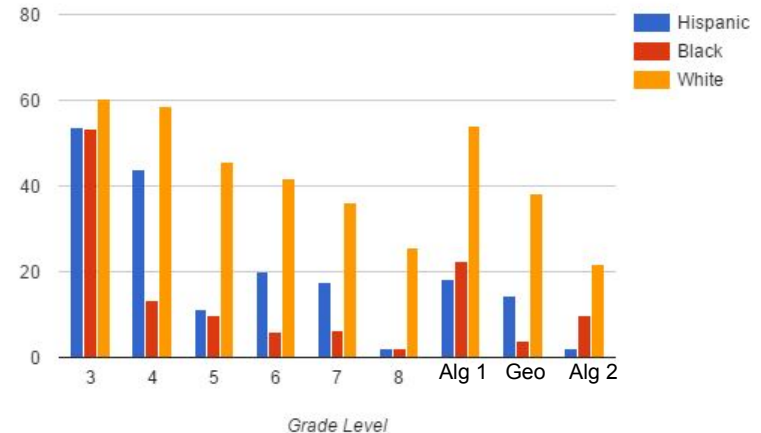
Collingswood Subgroup: Ethnicity Score Comparison for ELA and Math

Columns represents percentage of students who have \geq Level 4 (Met or Exceeded Expectations)

Ethnicity Subgroups - ELA



Ethnicity Subgroups - Math

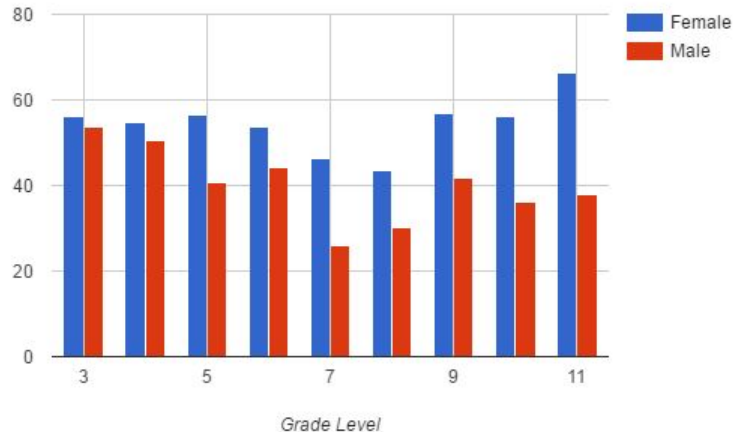


Grade	3	4	5	6	7	8	9	10	11
% of Hispanic	20.7%	14.7%	18.0%	12.8%	15.7%	15.6%	24.8%	21.9%	14.4%
# of Black	11.1%	13.8%	10.0%	14.5%	14.8%	18.3%	22.4%	20.9%	21.1%
# of White	63.0%	64.2%	66.0%	67.5%	58.3%	58.7%	44.2%	49.2%	55.0%

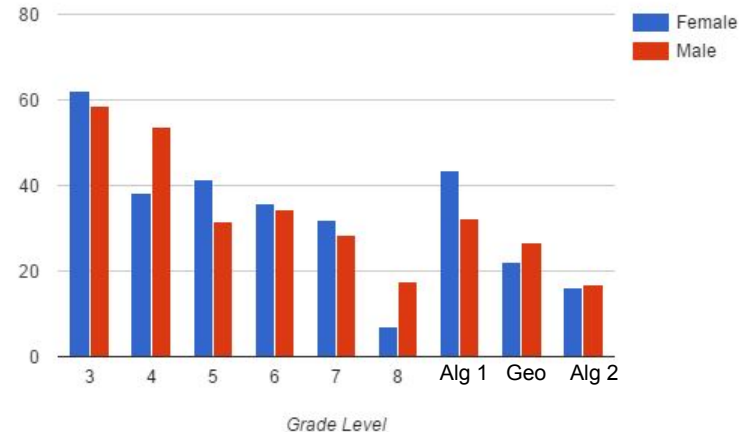
Collingswood Subgroup: Gender Score Comparison for ELA and Math

Columns represents percentage of students who have \geq Level 4 (Met or Exceeded Expectations)

Gender Subgroup - ELA



Gender Subgroup - Math



Grade	3	4	5	6	7	8	9	10	11
Female	48.9%	38.5%	46.0%	47.9%	50.0%	42.2%	47.9%	51.3%	44.4%
Male	51.1%	61.5%	54.0%	52.1%	50.0%	57.8%	52.1%	48.7%	55.6%
Total # of std	135	109	100	117	108	109	165	187	180

Summary of Findings

1. Students in Grades 3, 9, 10, and 11 in English Language Arts surpassed NJ ... Grade 9 especially did well.
2. Students in Grade 3 and 4 in Math also surpassed NJ State average.
3. Significant achievement gap exists with Special Education population
Average ELA gap = 39.1% Average Math gap = 33.6%
4. In general, achievement gaps for Econ Disadv. students and Ethnic subgroups decreased in the upper HS grades

Looking at the Present and Future

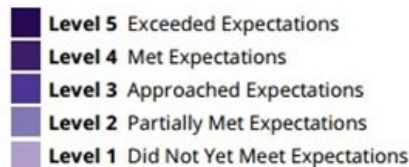
1. 1:1 Chromebook initiative for all secondary students
2. Continue to utilize and improve the Reader's and Writer's workshop model with a focus on grammar ... including Foundations and Words Their Way
3. Focus on improving math instruction through "Centers" (Workshop Model)
4. Growth mindset - encourage students to persevere
5. Increased communication with parents to support instruction
6. PLC Group - "Closing the Achievement Gap"
7. CAR (Connected Action Roadmap) Program -
Standards->Instruction->Assessment

Resources for Parents

- Information on the new 2015-16 PARCC Student Reports: www.state.nj.us/education/assessment/parcc/scores/
- Understanding the student score reports (with translations): understandthescore.org/

How Did xxxx Perform Overall?

Performance Level 3



Your child's score

745



Sample report