

Derby's Next Generation Accountability System

2016-17 State Report

Accountability Index

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Highlights

- The percentage of Derby's students who performed at or above average on the ELA portion of the SBAC & SAT increased from 2015-16 to 2016-17 while the state overall average stayed the same.
- The percentage of Derby's "High Need" students who performed at or above average on the ELA portion of the SBAC & SAT increased from 2015-16 to 2016-17 while the state overall average decreased.
- The percentage of Derby's students who performed at or above average on the Math portion of the SBAC & SAT matched the states average increase of .8 percent from 2015-16 to 2016-17.
- The percentage of Derby's "High Need" students who performed at or above average on the Math portion of the SBAC & SAT increased from 2015-16 to 2016-17 while the state overall average decreased.

- The percentage of Derby's "High Need" students enrolled in grades 3-8 & 11 who were achieved growth on Math increased from 39.40 percent in 2015-16 to 46.70 percent in 2016-17 while the state overall average decreased.
- The percentage of All Derby students chronically absent decreased from 13.00 percent in 2015-16 to 12.8 percent in 2016-17, while the state experienced an increase of 0.3 percent.
- The percentage of Derby's "High Need" students chronically absent decreased from 15.05 percent in 2015-16 to 15.04 percent in 2016-17, while the state experienced an increase of 0.2 percent.
- The percentage of Derby's 11th graders who performed at or above average on the ELA portion of the SAT increased from 45.50 percent in 2015-16 to 54.80 percent in 2016-17.
- The percentage of Derby's 11th graders who performed at or above average on the ELA portion of the SAT increased from

43.00 percent in 2015-16 to 50.70 percent in 2016-17.

- The 6 year graduation cohort rate for Derby students increased from 77.40 percent in 2014-15 to 81.80 percent in 2015-16. This matched the average increase in the state.
- Derby achieved increased performance in 14 categories for all schools while the state only achieved increased performance in 7.
- Derby achieved an overall increase in its accountability index while the state experienced a decrease.
- Of the 5 surrounding districts Ansonia, Shelton, Seymour, Oxford, Region 14, Derby was only one of two districts who achieved an increase in overall score.
- Of the 7 districts in our DRG (District Reference Group) Ansonia, Meriden, East Hartford, Norwich, West Haven, New London, Windham, Derby was only one of two districts who achieved and increase in overall score.

Accountability Index

No:	Indicator	Index/Rate1		Points		Max	% Points	Diff	Derby	CT
				Target	Earned	Points	Earned	15/16-16/17		
1a.	ELA Performance Index – All Students	54.8		75	73.1	100	73.10%	9.3	▲	▶
1b.	ELA Performance Index – High Needs Students	46.9		75	62.6	100	62.60%	4	▲	▼
1c.	Math Performance Index – All Students	50.7		75	67.6	100	67.60%	7.7	▲	▲
1d.	Math Performance Index – High Needs Students	42.9		75	57.2	100	57.20%	2.3	▲	▶
1e.	Science Performance Index – All Students	42.6		75	56.8	100	56.80%	-7.8	▼	▼
1f.	Science Performance Index – High Needs Students	38		75	50.6	100	50.60%	-4.8	▼	▼
2a.	ELA Avg. Percentage of Growth Target Achieved – All Students			100	0	0				
2b.	ELA Avg. Percentage of Growth Target Achieved – High Needs Students			100	0	0				
2c.	Math Avg. Percentage of Growth Target Achieved – All Students			100	0	0				
2d.	Math Avg. Percentage of Growth Target Achieved – High Needs Students			100	0	0				
4a.	Chronic Absenteeism – All Students	19.80%		<=5%	20.3	50	40.70%	-2.30%	▲	▼
4b.	Chronic Absenteeism – High Needs Students	22.70%		<=5%	14.5	50	29.00%	-3.60%	▲	▶
5	Preparation for CCR – % taking courses	52.30%		75%	34.9	50	69.80%	5.60%	▲	▲
6	Preparation for CCR – % passing exams	22.10%		75%	14.7	50	29.50%	9.10%	▲	▲
7	On-track to High School Graduation	79.20%		94%	42.1	50	84.30%	1.50%	▲	▲
8	4-year Graduation All Students (2016 Cohort)	81.30%		94%	86.5	100	86.50%	-1.90%	▼	▶
9	6-year Graduation - High Needs Students (2014 Cohort)	81.80%		94%	87	100	87.00%	1.40%	▲	▲
10	Postsecondary Entrance (Class of 2016)	54.90%		75%	73.2	100	73.20%	8.30%	▲	▶
11	Physical Fitness (estimated part rate) and (fitness rate)	78.80%	47.60%	75%	15.9	50	31.70%	2.30%	▲	▲
12	Arts Access	62.30%		60%	50	50	100.00%	0.20%	▲	▲
	Accountability Index				807	1250	64.60%	4.10%	▲	▶
									14	7

Highlights

- The percentage of Derby's 11th and 12th graders who were enrolled in a college and career readiness courses (i.e., Advanced Placement or International Baccalaureate) increased from 46.20 percent in 2015-16 to 52.50 percent in 2016-17.
- The percentage of Derby's 12th graders who were enrolled in a 2 or 4 year post-secondary institution increased from 46.60 percent in 2015-16 to 54.90 percent in 2016-17.
- The percentage of Derby's 11th graders who performed at or above average on the ELA portion of the SAT increased from 45.50 percent in 2015-16 to 54.80 percent in 2016-17.
- The percentage of Derby's 11th graders who performed at or above average on the ELA portion of the SAT increased from 43.00 percent in 2015-16 to 50.70 percent in 2016-17.
- The percentage of Derby's 11th graders who performed at or

above average on the ELA portion of the SAT increased from 45.50 percent in 2015-16 to 54.80 percent in 2016-17.

- The percentage of Derby's 11th and 12th graders who met the benchmark in a college and career readiness exam (i.e., SAT, ACT, Advanced Placement or International Baccalaureate) increased from 12.9 percent in 2015-16 to 21.50 percent in 2016-17.
- Derby High school achieved increased performance in 14 categories for high schools while the state only achieved increased performance in 7

Accountability Index

No:	Indicator	Index/Rate1		Points	Max	% Points	Diff	Derby	CT
				Target	Earned	Points	Earned		
1a.	ELA Performance Index – All Students	55.4		75	36.9	50	73.80%	0	▶
1b.	ELA Performance Index – High Needs Students	51.6		75	34.4	50	68.80%	0.3	▲
1c.	Math Performance Index – All Students	47.6		75	31.7	50	63.40%	0.3	▲
1d.	Math Performance Index – High Needs Students	43.3		75	28.9	50	57.80%	-0.1	▶
1e.	Science Performance Index – All Students	46.6		75	31	50	62.10%	-1.2	▼
1f.	Science Performance Index – High Needs Students	44.1		75	29.4	50	58.80%	-0.8	▼
2a.	ELA Avg. Percentage of Growth Target Achieved – All Students	41.20%		100	41.2	100	41.20%	-1.90%	▼
2b.	ELA Avg. Percentage of Growth Target Achieved – High Needs Students	40.90%		100	40.9	100	40.90%	-0.70%	▼
2c.	Math Avg. Percentage of Growth Target Achieved – All Students	40.80%		100	40.8	100	40.80%	1.00%	▲
2d.	Math Avg. Percentage of Growth Target Achieved – High Needs Students	37.50%		100	37.5	100	37.50%	3.30%	▼
4a.	Chronic Absenteeism – All Students	13.20%		<=5%	33.7	50	67.30%	0.00%	▶
4b.	Chronic Absenteeism – High Needs Students	18.00%		<=5%	24	50	48.00%	0.20%	▶
5	Preparation for CCR – % taking courses			75%	0	0			
6	Preparation for CCR – % passing exams			75%	0	0			
7	On-track to High School Graduation	88.00%		94%	46.8	50	93.70%	-0.30%	▲
8	4-year Graduation All Students (2016 Cohort)			94%	0	0			
9	6-year Graduation - High Needs Students (2014 Cohort)			94%	0	0			
10	Postsecondary Entrance (Class of 2016)			75%	0	0			
11	Physical Fitness (estimated part rate) and (fitness rate)	100.00%	38.50%	75%	25.7	50	51.30%	0.00%	▶
12	Arts Access			60%	0	0			
	Accountability Index				483	900	53.70%	-0.90%	▶
								4	3

Highlights

- The percentage of Derby's 6-8 graders who performed at or above average on the ELA portion of the SBAC increased for both all students and high need students
- The percentage of Derby's 6-8 graders who made growth on the Math portion of the SBAC increased for high need students by 3.5 percent
- Derby Middle School achieved increased performance in 5 categories for middle schools while the state only achieved increased performance in 4

Accountability Index

No:	Indicator	Index/Rate1		Points		Max	% Points	Diff	Derby	CT
				Target	Earned	Points	Earned	15/16-16/17		
1a.	ELA Performance Index – All Students	62.2		75	41.5	50	82.90%	1.1	▲	▶
1b.	ELA Performance Index – High Needs Students	60.2		75	40.2	50	80.30%	1.4	▲	▼
1c.	Math Performance Index – All Students	52.3		75	34.9	50	69.80%	1.5	▲	▲
1d.	Math Performance Index – High Needs Students	50.6		75	33.7	50	67.40%	1.6	▲	▶
1e.	Science Performance Index – All Students	47.1		75	31.4	50	62.90%	-5.2	▼	▼
1f.	Science Performance Index – High Needs Students	46.6		75	31.1	50	62.20%	-4.7	▼	▼
2a.	ELA Avg. Percentage of Growth Target Achieved – All Students	56.90%		100	56.9	100	56.90%	-5.10%	▼	▼
2b.	ELA Avg. Percentage of Growth Target Achieved – High Needs Students	57.20%		100	57.2	100	57.20%	-1.40%	▼	▼
2c.	Math Avg. Percentage of Growth Target Achieved – All Students	56.20%		100	56.2	100	56.20%	12.60%	▲	▼
2d.	Math Avg. Percentage of Growth Target Achieved – High Needs Students	57.80%		100	57.8	100	57.80%	14.30%	▲	▼
4a.	Chronic Absenteeism – All Students	6.60%		<=5%	46.9	50	93.70%	-1.90%	▲	▼
4b.	Chronic Absenteeism – High Needs Students	6.90%		<=5%	46.3	50	92.50%	-1.70%	▲	▶
5	Preparation for CCR – % taking courses			75%	0	0		0		
6	Preparation for CCR – % passing exams			75%	0	0		0		
7	On-track to High School Graduation			94%	0	0		0		
8	4-year Graduation All Students (2016 Cohort)			94%	0	0		0		
9	6-year Graduation - High Needs Students (2014 Cohort)			94%	0	0		0		
10	Postsecondary Entrance (Class of 2016)			75%	0	0		0		
11	Physical Fitness (estimated part rate) and (fitness rate)	94.00%	27.00 %	75%	18	50	36.00%	-2.70%	▼	▲
12	Arts Access			60%	0	0		0		
	Accountability Index				551.9	850	64.90%	2.60%	▲	▶
									9	2

Highlights

- The percentage of Irving 3-5 graders who made performed at or above goal increased on both the ELA and Math portions of the SBAC.
- The percentage of Irving high need 3-5 graders who performed at or above goal on both increased on both the ELA and Math portions of the SBAC.
- The percentage of Irving's 3-5 graders who made growth on the Math portion of the SBAC increased from 43.60 percent in 2015-16 to 56.20 percent in 2016-17.
- The percentage of Irving's high need 3-5 graders who made growth on the Math portion of the SBAC increased from 43.50 percent in 2015-16 to 56.20 percent in 2016-17.
- The percentage of All Irving k-5 graders chronically absent decreased from 8.50 percent in 2015-16 to 6.60 percent in 2016-17.

- The percentage of Irving high need k-5 graders chronically absent decreased from 8.60 percent in 2015-16 to 6.90 percent in 2016-17.
- Irving school achieved increased performance in 9 categories for elementary schools while the state only achieved increased performance in 2

Accountability Index

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Highlights

- The percentage of Bradley's high need 3-5 graders who made growth on the Math portion of the SBAC increased from 55.50 percent in 2015-16 to 56.30 percent in 2016-17.