The CDE School Performance Framework A Question of Equity and Validity – Part I

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CDE Analysis – documented disparity



Source: CDE Student October, 2013; CDE District Accreditation Ratings, 2013

CDE Analysis – documented disparity



CDE Data – SPF scores correlated with demographics



Percent of Students Free/Reduced-Lunch Eligible

Matt Nehring; mattn@monte.k12.co.us

CDE Data – SPF scores correlated with demographics



Percent Free/Reduced-Lunch Eligible

CDE analysis – SPF scores correlated with demographics

2016 Elementary Schools: SPF Points earned separated by FRL



Matt Nehring; mattn@monte.k12.co.us

CDE analysis – SPF scores correlated with demographics

2014 Student Mobility Rates by Accreditation Category



CDE SPF Sample Report

				Le	vel: Elemer	ntary (1 YEA	R) - VERSION /
ACADEMIC	ACHIEVEMENT						
Subject	Student Group	Count	Participation Rate	Mean Scale Score	Percentile Rank	Pts Earned/ Eligible	Rating
English	All Students	189	92.9%	767.1	96	8/8	Exceeds
Language Arts	Previously Identified for READ Plan	17	94.7%	713.5	4	0/0	•
	English Learners	31	97.0%	730.5	29	.5/1	Approaching
	Free/Reduced-Price Lunch Eligible	30	97.0%	722.3	15	.5/1	Approaching
	Minority Students	44	95.9%	741.0	53	.75/1	Meets
	Students with Disabilities	22	79.3%	716.3	6	.25/1	Does Not Meet
Math	All Students	186	91.4%	757.0	91	8/8	Exceeds
	English Learners	31	97.0%	725.7	28	.5/1	Approaching
	Free/Reduced-Price Lunch Eligible	29	93.8%	719.6	16	.5/1	Approaching
	Minority Students	44	95.8%	733.2	46	.5/1	Approaching
	Students with Disabilities	23	82.8%	714.0	8	.25/1	Does Not Meet
Science	All Students	64	81.0%	718.8	99	8/8	Exceeds
	English Learners	n < 16	-	-	-	0/0	
	Free/Reduced-Price Lunch Eligible	n < 16				0/0	
	Minority Students	n < 16		-		0/0	
	Students with Disabilities	n < 16		្	2	0/0	4
TOTAL					•	27.75/32	Meets

Subject			Median Growth Percentile	Pts Earned/Eligible	Rat
English	All Students	127	70.0	8/8	Exce
Language Arts	English Learners	21	46.0	.5/1	Appro
	Free/Reduced-Price Lunch Eligible	n < 20		0/0	
	Minority Students	28	64.5	.75 / 1	Me
	Students with Disabilities	n < 20		0/0	4
Math	All Students	122	59.0	6/8	Me
	English Learners	21	61.0	.75/1	Me
	Free/Reduced-Price Lunch Eligible	n < 20		0/0	
	Minority Students	28	58.5	.75 / 1	Me
	Students with Disabilities	n < 20		0/0	
ELP (2015)	English Language Proficiency (ELP)	39	37.0	2/4	Appro
TOTAL		+	•	18.75 / 24	Me



and implement, which is based on the data associated with the version is report. Please see the scoring guide at the end of this report for . Schools are assigned a plan type based on the overall percent of is matched to the scoring guide to determine the plan type. Failing to n more than one assessment will reduce the overall plan type by one arcentage of points earned out of points eligible.

	Weighted Pts	
6 Pts Earned	Earned/Pts Eligible	Rating
86.7%	34.7 / 40	Meets
78.1%	46.9 / 60	Meets

Meets 95%

ed on Accountability Participation Rate)

eds

ets

ets

ote

ets

211

210

79

English Language Arts

Math

Science

aching

aching ets	articipation	Parent	Accountability Participation	
196	92.9%	Excuses 14	99.5%	Kabing Meets 95%
192	91.4%	17	99.5%	Meets 95%
64	81.0%	13	97.0%	Meets 95%



The plan type presented above is based on the total percent of Framework Points earned out of Points Eligible:

Performance: at or above 53.0%

Improvement: at or above 42.0%-below 53.0%

Priority Improvement: at or above 34.0%-below 42.0%

Turnaround: below 34.0%

Insufficient Data: No reportable data or only PWR data

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Nehring's SPF Mock-up

Matt Neh	ring's Mockup of the 2016 (DE Elem	nentary Schoo	ol Performar	nce Framewo	rk
			,			
ACADEIVII	CACHIEVEMENT					
Subject	Student Group	Count	Percentile Rank	Pts Farned	Ptc Flighle	Rating
English	All Students	500	58	6	R	Meets
Language Arts	Previously identified for READ Plan	200			0	111222
	English Learners	15	50	0.75	1	Meets
	Free/Reduced-Price Lunch Fligthle	100	50	0.75	1	Meets
	Minority Students	95	50	0.75	1	Meets
	Students with Disabilities				-	
Math	All Students	500	58	6	8	Meets
	English Learners	15	50	0.75	1	Meets
	Free/Reduced-Price Lunch Eligible	100	50	0.75	1	Meets
	Minority Students	95	50	0.75	1	Meets
	Students with Disabilities				-	
Science	All Students	500	5.2	5	8	Maate
Science	English Learners	15	50	0.75	1	Meets
	Free/Reduced-Price Lunch Eligible	100	50	0.75	1	Meets
	Minority Students	100	50	0.75	1	Meets
	Students with Disabilities	30	50	0.75	-	Weets
TOTAL	statems with Disabilities			74.75	22	Maata
TUTAL				24.75	33	meets
ACADEMI	CGROWIH					
Subject	Student Group	Count	Percentile Rank	Pts Earned	Pts Eligible	Rating
English	All Students	500	58	6	8	Meets
Language Arts	English Learners	15	50	0.75	1	Meets
	Free/Reduced-Price Lunch Eligible	100	50	0.75	1	Meets
	Min ori ty Students	95	50	0.75	1	Meets
	Students with Disabilities					
Math	All Students	500	58	6	8	Meets
	English Learners	15	50	0.75	1	Meets
	Free/Reduced-Price Lunch Eligible	100	50	0.75	1	Meets
	Minority Students	95	50	0.75	1	Meets
	Students with Disabilities					
ELP	English Language Proficiency					
TOTAL				16.5	22	Meets
Indicator	Rating Totals					
Performar	nce Indicators			Pts Earned	Pts Eligible	Rating
Academic	Achievement			24.75	33	Meets
Academic	Growth			165	22	Meets
Academic	Glowin			10.5	22	IVIEELS
Total Sc	hool Rating					
	Total Points			Einal	Pating	
				Find	Hating	
	75.0			Perfo	rmance	
L						
(Achievement			
		Count	Rank	Growth Rank		
	Free/Reduced-Price Lunch Eligible	100	50	50		
	Non-categorized Students	400	60	60	1	Matt Nehrine
l l	All Students	500	58.0	58.0	J	mattn@monte.k12.co.us

4 Hypothetical Schools – identical subgroup scores

Matt Nehring's Mockup of the 2016 CDE Elementary School Performance Framework

ACADEMI	CACHIEVEMENT					
Subject	Student Group	Count	Percentile Rank	Pts Earned	Pts Eligible	Rating
English	All Students	500	53	6	8	Meets
Language Arts	Previously Identified for READ Plan				0	
	English Learners	15	25	0.5	1	Approaching
	Free/Reduced-Price Lunch Eligible	100	25	0.5	1	Approaching
	Min ori ty Students	95	25	0.5	1	Approaching
	Students with Disabilities					
Math	All Students	500	53	6	8	Meets
	English Learners	15	25	0.5	1	Approaching
	Free/Reduced-Price Lunch Eligible	100	25	0.5	1	Approaching
	Min ori ty Students	95	25	0.5	1	Approaching
	Students with Disabilities					
Science	All Students	500	53	6	8	Meets
	English Learners	15	25	0.5	1	Approaching
	Free/Reduced-Price Lunch Eligible	100	25	0.5	1	Approaching
	Minority Students	95	25	0.5	1	Approaching
	Students with Disabilities					
TOTAL				22.5	33	Meets

ACADEMIC GROWTH

Subject	Student Group		Percentile Rank	Pts Earned	Pts Eligible	Rating
English	All Students	500	53	6	8	Meets
Language Arts	English Learners	15	25	0.25	1	Does Not Meet
	Free/Reduced-Price Lunch Eligible	100	25	0.25	1	Does Not Meet
	Minority Students	95	25	0.25	1	Does Not Meet
	Students with Disabilities					
Math	All Students	500	53	6	8	Meets
	English Learners	15	25	0.25	1	Does Not Meet
	Free/Reduced-Price Lunch Eligible	100	25	0.25	1	Does Not Meet
	Min ori ty Students	95	25	0.25	1	Does Not Meet
	Students with Disabilities					
ELP	English Language Proficiency					
TOTAL				13.5	22	Approaching
Indicator I	Rating Totals					
Performar	nce Indicators			Pts Earned	Pts Eligible	Rating
Academic	Achievement			22.5	33	Meets
Academic	Growth			13.5	22	Approaching

Total School Rating

Total Points			Fina	l Rating
64.1			Perfo	ormance
	Count	Achievement Rank	Growth Rank	
Free/Reduced-Price Lunch Eligible	100	25	25	
Non-categorized Students	400	60	60	Matt Nehring
All Students	500	53.0	53.0	mattn@monte.k12.co.us

Matt Nehring's Mockup of the 2016 CDE Elementary School Performance Framework

ACADEMIC ACHIEVEMENT

Subject	Student Group		Percentile Rank	Pts Earned	Pts Eligible	Rating
English	All Students	500	46	4	8	Approaching
Language Arts	Previously identified for READ Plan				0	
	English Learners	30	25	0.5	1	Approaching
	Free/Reduced-Price Lunch Eligible	200	25	0.5	1	Approaching
	Minority Students	190	25	0.5	1	Approaching
	Students with Disabilities					
Math	All Students	500	46	4	8	Approaching
	English Learners	30	25	0.5	1	Approaching
	Free/Reduced-Price Lunch Eligible	200	25	0.5	1	Approaching
	Minority Students	190	25	0.5	1	Approaching
	Students with Disabilities					
Science	All Students	500	46	4	8	Approaching
	English Learners	30	25	0.5	1	Approaching
	Free/Reduced-Price Lunch Eligible	200	25	0.5	1	Approaching
	Minority Students	190	25	0.5	1	Approaching
	Students with Disabilities					
						Approaching
ACADEMI	C GROWTH					
Subject	Student Group		Percentile Rank	Pts Earned	Pts Eligible	Rating
English	All Students	500	46	4	8	Approaching
Language Arts	English Learners	30	25	0.25	1	Does Not Meet

Subject	Student Group	Count	Percentile Rank	Pts Earned	PTS Eligible	Rating	
English	All Students	500	46	4	8	Approaching	
anguage Arts	English Learners	30	25	0.25	1	Does Not Meet	
	Free/Reduced-Price Lunch Eligible	200	25	0.25	1	Does Not Meet	
	Min ori ty Students	190	25	0.25	1	Does Not Meet	l
	Students with Disabilities						
Math	All Students	500	46	4	8	Approaching	
	English Learners	30	25	0.25	1	Does Not Meet	
	Free/Reduced-Price Lunch Eligible	200	25	0.25	1	Does Not Meet	
	Min ori ty Students	190	25	0.25	1	Does Not Meet	
	Students with Disabilities						_
ELP	English Language Proficiency						
TOTAL				9.5	22	Approaching	
							_
Indicator F	Rating Totals						
Performan	ice Indicators			Pts Earned	Pts Eligible	Rating	
Academic	Achievement			16.5	33	Approaching	
Academic	Growth			9.5	22	Approaching	
							_
Total Sc	hool Rating						
	Total Points			Fina	l Rating		
	45.9			Impro	ovement		
							-

		Achievement	
	Count	Rank	Growth Rank
Free/Reduced-Price Lunch Eligible	200	25	25
Non-categorized Students	300	60	60
All Students	500	46.0	46.0

4 Hypothetical Schools – identical subgroup scores

Matt Nehring

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Matt Nehring's Mockup of the 2016 CDE Elementary School Performance Framework

ACADEMI	CACHIEVEMENT					
Subject	Student Group		Percentile Rank	Pts Earned	Pts Eligible	Rating
English	All Students	500	39	4	8	Approaching
anguage Arts	Previously identified for READ Plan				0	
	English Learners	45	25	0.5	1	Approaching
	Free/Reduced-Price Lunch Eligible	300	25	0.5	1	Approaching
	Min ori ty Students	285	25	0.5	1	Approaching
	Students with Disabilities					
/lath	All Students	500	39	4	8	Approaching
	English Learners	45	25	0.5	1	Approaching
	Free/Reduced-Price Lunch Eligible	300	25	0.5	1	Approaching
	Minority Students	285	25	0.5	1	Approaching
	Students with Disabilities					
clence	All Students	500	39	4	8	Approaching
	English Learners	45	25	0.5	1	Approaching
	Free/Reduced-Price Lunch Eligible	300	25	0.5	1	Approaching
	Min ori ty Students	285	25	0.5	1	Approaching
	Students with Disabilities					
OTAL				16.5	33	Approaching

ACADEMIC GROWTH

Subject	Student Group		Percentile Rank		Pts Eligible	Rating
English	All Students	500	39	4	8	Approaching
Language Arts	English Learners	45	25	0.25	1	Does Not Meet
	Free/Reduced-Price Lunch Eligible	300	25	0.25	1	Does Not Meet
	Min ori ty Students	285	25	0.25	1	Does Not Meet
	Students with Disabilities					
Math	All Students	500	39	4	8	Approaching
	English Learners	45	25	0.25	1	Does Not Meet
	Free/Reduced-Price Lunch Eligible	300	25	0.25	1	Does Not Meet
	Minority Students	285	25	0.25	1	Does Not Meet
	Students with Disabilities					
ELP	English Language Proficiency					
TOTAL				9.5		Approaching
Indicator I	Rating Totals					
Performar	nce Indicators			Pts Earned	Pts Eligible	Rating
Academic	Achievement			16.5	33	Approaching
Academic	Growth			9.5	22	Approaching

Dial School Kaling				
Total Points			Fina	l Rating
45.9			Impr	ovement
	Count	Achievement Rank	Growth Rank	
Free/Reduced-Price Lunch Eligible	300	25	25	

60

39.0

60

39.0

200

500

Matt Nehring's Mockup of the 2016 CDE Elementary School Performance Framework ACADEMIC ACHIEVEMENT

Subject	Student Group		Percentile Rank	Pts Earned	Pts Eligible	Rating
English	All Students	500	32	4	8	Approaching
Language Arts	Previously Identified for READ Plan				0	
	English Learners	60	25	0.5	1	Approaching
	Free/Reduced-Price Lunch Eligible	400	25	0.5	1	Approaching
	Min ori ty Students	380	25	0.5	1	Approaching
	Students with Disabilities					
Math	All Students	500	32	4	8	Approaching
	English Learners	60	25	0.5	1	Approaching
	Free/Reduced-Price Lunch Eligible	400	25	0.5	1	Approaching
	Min ori ty Students	380	25	0.5	1	Approaching
	Students with Disabilities					
Science	All Students	500	32	4	8	Approaching
	English Learners	60	25	0.5	1	Approaching
	Free/Reduced-Price Lunch Eligible	400	25	0.5	1	Approaching
	Min ori ty Students	380	25	0.5	1	Approaching
	Students with Disabilities					
TOTAL						Approaching

ACADEMIC GROWTH

Subject	Student Group	Count	Percentile Rank	Pts Earned	Pts Eligible	Rating
English	All Students	500	32	2	8	Does Not Meet
Language Arts	English Learners	60	25	0.25	1	Does Not Meet
	Free/Reduced-Price Lunch Eligible	400	25	0.25	1	Does Not Meet
	Min ori ty Students	380	25	0.25	1	Does Not Meet
	Students with Disabilities					
Math	All Students	500	32	2	8	Does Not Meet
	English Learners	60	25	0.25	1	Does Not Meet
	Free/Reduced-Price Lunch Eligible	400	25	0.25	1	Does Not Meet
	Min ori ty Students	380	25	0.25	1	Does Not Meet
	Students with Disabilities				-	
ELP	English Language Proficiency					
TOTAL				5.5	22	Does Not Meet
ELP TOTAL	English Language Proficiency			5.5	22	Does Not Meet

Indicator Rating Totals			
Performance Indicators	Pts Earned	Pts Eligible	Rating
Academic Achievement	16.5	33	Approaching
Academic Growth	5.5	22	Does Not Meet

Total School Rating					
Total Points	Final Rating				
35.0	Priority Improvement				
	Count	Achievement Rank	Growth Rank		
Free/Reduced-Price Lunch Eligible	400	25	25		
Non-categorized Students	100	60	60	Matt Nehring	
All Students	500	32.0	32.0	mattn@monte.k12.co.us	

Non-categorized Students

All Students

4 Hypothetical Schools – identical subgroup scores

with Identical Student Group Performances						
	School A	School B	School C	School D		
Percent Free/Reduced-Lunch Eligible (FRL)	20	40	60	80		
Percent Students Non-categorized	80	60	40	20		
FRL Achievement	<<<<< 25th Percentile for all schools >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>					
Non-categorized Achievement	~~~~~	< 60th Percentile	for all schools >>	·>>>>>		
FRL Growth	<<<<< 25th Percentile for all schools >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>					
Non-categorized Growth	<<<<< 60th Percentile for all schools >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>					
All Students Achievement	53 46 39					
All Students Growth	53	46	39	32		
SPF Composite Achievement Points	22.5/33	16.5/33	16.5/33	16.5/33		
SPF Composite Growth Points	13.5/22 9.5/22 9.5/22 5.5/22					
Total SPF Points	64.1	45.9	45.9	35		
Final Rating	Performance	Improvement	Improvement	Priority Improvement		
			mat	Matt Nehring, Ph.D		

Final SPF Rating for Four Hypothetical Schools with Identical Student Group Performances

Assumptions:

- N = 500
- N for minority is 95% of FRL
- N for ELL is 15% of FRL
- Growth and Achievement for ELL and Minority = FRL Achievement

CDE SPF available landscape – 80% FRL



CDE SPF available landscape – 20% FRL



CDE SPF available landscape - varied FRL percentages









CDE SPF available landscape – and alternative view





CDE SPF available landscape - varied FRL percentages







90 100

The CDE SPF inherently rewards low-poverty schools







Source: CDE Student October, 2013; CDE District Accreditation Ratings, 2013

SPF – Contradictory, Nonsensical, and Biased Results

ACADEMIC ACHIEVEMENT Subject Student Group Count Percentile Rank Pts Earned Pts English All Students 500 42 4 Language Arts Previously Identified for READ Plan English Learners 15 10 0.25 Free,Reduced-Price Lunch Eligible 100 10 0.25 Minority's Students 95 10 0.35	Eligible Rating 8 Approaching 0 1 Does Not Meet 1 Does Not Meet 1 Does Not Meet
Subject Student Group Count Percentile Rank Pts Earned Pts English All Students 500 42 4 Language Arts Previously Identified for READ Plan 500 0.25 Free/Reduced-Price Lunch Eligible 100 10 0.25 Inforty Strutents 95 10 0.35	Eligible Rating 8 Approaching 0 1 Does Not Meet 1 Does Not Meet 1 Does Not Meet
English All Students 500 42 4 Previously Identified for READ Plan English Learners 15 10 0.25 Free/Reduced-Price Lunch Eligible 100 10 0.25 Minority Strudents 95 10 0.35	8 Approaching 0 1 Does Not Meet 1 Does Not Meet 1 Does Not Meet
Language Arts Previous/ Identified for READ Plan English Learners 15 10 0.25 Free/Reduced-Price Lunch Eligible 100 10 0.25 Minority's Strutents 95 10 0.35	0 1 Does Not Meet 1 Does Not Meet 1 Does Not Meet
Language Arts Previously loentmed for KEAD Plan English Learners 15 10 0.25 Free/Reduced-Price Lunch Eligible 100 10 0.25 Minority Strudents 95 10 0.35	1 Does Not Meet 1 Does Not Meet 1 Does Not Meet
English Learners 15 10 0.25 Free/Reduced-Price Lunch Eligible 100 10 0.25 Minority Strudents 95 10 0.35	1 Does Not Meet 1 Does Not Meet 1 Does Not Meet
Free/Reduced-Price Lunch Eligible 100 10 0.25 Minority Students 95 10 0.25	1 Does Not Meet 1 Does Not Meet
Minority Students 95 10 0.25	1 Does Not Meet
Amony students 55 10 0.25	
Students with Disabilities	
Math All Students 500 42 4	8 Approaching
English Learners 15 10 0.25	1 Does Not Meet
Free/Reduced-Price Lunch Eligible 100 10 0.25	1 Does Not Meet
Minority Students 95 10 0.25	1 Does Not Meet
Students with Disabilities	-
Science All Students E00 42 4	2 Approaching
Control	1 Approaching
English Learners 15 10 0.25	1 Does Not Meet
Free/Keduced-Price Lunch Eligible 100 10 0.25	1 Does Not Meet
Minority Students 95 10 0.25	1 Does Not Meet
Students with Disabilities	
TOTAL 14.25	33 Approaching
ACADEMIC GROWTH	
Subject Student Group Count Percentile Rank Pts Earned Pts	Eligible Rating
English All Students 500 50 6	8 Meets
Language Arts English Learners 15 30 0.25	1 Does Not Meet
Free/Reduced-Price Lunch Eligible 100 30 0.25	1 Does Not Meet
Minority Students 95 30 0.25	1 Does Not Meet
Students with Disabilities	
Math All Students 500 50 6	8 Meets
Finite Service 15 20 0.25	1 Deer Net Meet
English Learners 15 50 0.25	1 Does Not Meet
Pree/Reduced-Price Lunch Eligible 100 30 0.25	1 Does Not Meet
Minority Students 95 30 0.25	1 Does Not Meet
Students with Disabilities	
ELPEnglish Language Proficiency	
TOTAL 13.5	22 Approaching
Indicator Rating Totals	
Performance Indicators Pts Earned Pts	Eligible Rating
Andemia Antinument 44.35	22
Academic Achievement 14.25	55 Approaching
Academic Growth 13.5	22 Approaching
	ZZ Approaching
Total School Rating	
Total Points Final Rat	ing
	00
54.1 Performa	ince
Achievement	
Count Rank Growth Rank	
Free/Reduced-Price Lunch Eligible 100 10 30	
Non-categorized Students 400 50 55	Matt Nehri
All Students 500 42.0 50.0	matte@monte_k12.co

Matt Nehring's Mockup of the 2016 CDE Elementary School Performance Framework

ACADEMIC ACHIEVEMENT

Subject	Student Group	Count	Percentile Rank	Pts Farned	Ptc Fligible	Rating
English	All Students	500	18	4	R CIERCINE	Approaching
Language Arts	Previously Identified for READ Plan	500	10		0	Approaching
	English Learners	60	10	0.25	1	Does Not Meet
	Free/Reduced-Price Lunch Eligible	400	10	0.25	1	Does Not Meet
	Minority Students	380	10	0.25	1	Does Not Meet
	Students with Disabilities					
Math	All Students	500	18	4	8	Approaching
	English Learners	60	10	0.25	1	Does Not Meet
	Free/Reduced-Price Lunch Eligible	400	10	0.25	1	Does Not Meet
	Minority Students	380	10	0.25	1	Does Not Meet
	Students with Disabilities					
Science	All Students	500	18	4	8	Approaching
	English Learners	60	10	0.25	1	Does Not Meet
	Free/Reduced-Price Lunch Eligible	400	10	0.25	1	Does Not Meet
	Minority Students	380	10	0.25	1	Does Not Meet
	Students with Disabilities					
TOTAL				14.25	33	Approaching
ACADEMI	CGROWTH					
Subject	Student Group	Count	Percentile Rank	Pts Earned	Pts Eligible	Rating
English	All Students	500	35	4	8	Approaching
Language Arts	English Learners	60	30	0.25	1	Does Not Meet
	Free/Reduced-Price Lunch Eligible	400	30	0.25	1	Does Not Meet
	Minority Students	380	30	0.25	1	Does Not Meet
	Students with Disabilities					
Math	All Students	500	35	4	8	Approaching
	English Learners	60	30	0.25	1	Does Not Meet
	Free/Reduced-Price Lunch Eligible	400	30	0.25	1	Does Not Meet
	Minority Students	380	30	0.25	1	Does Not Meet
	Students with Disabilities					
ELP	English Language Proficiency					
TOTAL				9.5	22	Approaching
In diastan	Dating Tatala					
Indicator	Kating Totals					
Performar	nce Indicators			Pts Earned	Pts Eligible	Rating
Academic	Achievement			14.25	33	Approaching
Academic	Growth			9.5	22	Approaching
Total Sc	hool Rating					
	Total Points			Fina	Poting	
				Filld	nating	
	43.2			Impro	ovement	
		Course	Achievement	Counth Bart		
	Free /Deduced Drive Lunch Filmble	count	Kank 10	Growth Kańk		
	Pree/Neduced-Price Lunch Eligible	400	10	30		
	All Students	500	18.0	25.0		Matt Nehrin
	An accounts	500	10.0	55.0		mattneymonte.K12.CO.U

SPF – Contradictory, Nonsensical, and Biased Results

Matt Nehring mattn@monte.k12.co.us

Matt Nehring's Mockup of the 2016 CDE Elementary School Performance Framework

ACHIEVEMENT					
Student Group	Count	Percentile Rank	Pts Earned	Pts Eligible	Rating
All Students	500	42	4	8	Approaching
Previously Identified for READ Plan				0	
English Learners	15	10	0.25	1	Does Not Meet
Free/Reduced-Price Lunch Eligible	100	10	0.25	1	Does Not Meet
Minority Students	95	10	0.25	1	Does Not Meet
Students with Disabilities					
All Students	500	42	4	8	Approaching
English Learners	15	10	0.25	1	Does Not Meet
Free/Reduced-Price Lunch Eligible	100	10	0.25	1	Does Not Meet
Minority Students	95	10	0.25	1	Does Not Meet
Students with Disabilities					
All Students	500	42	4	8	Approaching
English Learners	15	10	0.25	1	Does Not Meet
Free/Reduced-Price Lunch Eligible	100	10	0.25	1	Does Not Meet
Minority Students	95	10	0.25	1	Does Not Meet
Students with Disabilities					
			14.25	33	Approaching
	ACHIEVEMENT Student Group All Students Previously Identified for READ Plan English Learners Free/Reduced-Price Lunch Eligible Minority Students Students with Disabilities All Students Gree/Reduced-Price Lunch Eligible Minority Students English Learners Free/Reduced-Price Lunch Eligible Minority Students Students with Disabilities Students with Disabilities	Student Group Count All Students 500 Previously Identified for READ Plan English Learners English Learners 15 Free/Reduced-Price Lunch Eligible 100 Minority Students 95 Students with Disabilities 500 English Learners 15 Free/Reduced-Price Lunch Eligible 100 Minority Students 95 Students with Disabilities 115 Free/Reduced-Price Lunch Eligible 100 Minority Students 95 Students with Disabilities 101 All Students 500 English Learners 15 Free/Reduced-Price Lunch Eligible 100 Minority Students 95 Students with Disabilities 95 Students with Disabilities 95	ACHIEVEMENT Student Group Count Percentile Rank All Students 500 42 Previously Identified for READ Plan English Learners 15 10 Free/Reduced-Price Lunch Eligible 100 10 Minority Students 95 10 Students with Disabilities All Students 500 42 English Learners 15 10 Free/Reduced-Price Lunch Eligible 100 10 Minority Students 95 10 Students with Disabilities 15 10 Free/Reduced-Price Lunch Eligible 100 10 Minority Students 500 42 English Learners 15 10 Free/Reduced-Price Lunch Eligible 100 10 Free/Reduced-Price Lunch Eligible 100 10 Minority Students 95 10 Students with Disabilities 10	Student Group Count Percentile Rank Pts Earned All Students 500 42 4 Previously Identified for READ Plan	ACHIEVEMENT Student Group Count Percentile Rank Pts Earned Pts Eligible All Students 500 42 4 8 Previously Identified for READ Plan 0 0 15 10 0.25 1 Free/Reduced-Price Lunch Eligible 100 10 0.25 1 Minority Students 95 10 0.25 1 Students with Disabilities 41 8 English Learners 15 10 0.25 1 All Students 500 42 4 8 English Learners 15 10 0.25 1 Minority Students 95 10 0.25 1 Students with Disabilities 1 Minority Students 5 1 Students with Disabilities 1 Students 5 1 Students 1 Students 1 1 Students with Disabilities 1 1 Students 1 1 1 Students 1 1 1 Students with Disabilitities

ACADEMIC GROWTH

Subject	Student Group	Count	Percentile Rank	Pts Earned	Pts Eligible	Rating
English	All Students	500	50	6	8	Meets
Language Arts	English Learners	15	30	0.25	1	Does Not Meet
	Free/Reduced-Price Lunch Eligible	100	30	0.25	1	Does Not Meet
	Minority Students	95	30	0.25	1	Does Not Meet
	Students with Disabilities					
Math	All Students	500	31	2	8	Does Not Meet
	English Learners	15	35	0.5	1	Approaching
	Free/Reduced-Price Lunch Eligible	100	35	0.5	1	Approaching
	Minority Students	95	35	0.5	1	Approaching
	Students with Disabilities					
ELP	English Language Proficiency					
TOTAL				10.25		Approaching
Indicator	Rating Totals					
Performar	ice Indicators			Pts Earned	Pts Eligible	Rating
Academic	Achievement			14.25	33	Approaching
Academic	Growth			10.25	22	Approaching

Total School Rating

Total Points	Final Rating
45.2	Improvement

		Achievement		
	Count	Rank	Growth Rank	
Free/Reduced-Price Lunch Eligible	100	10	30	
Non-categorized Students	400	50	55	
All Students	500	42.0	50.0	

Matt Nehring's Mockup of the 2016 CDE Elementary School Performance Framework

ACADEMIC ACHIEVEMENT

Subject	Student Group	Count	Percentile Rank	Pts Earned	Pts Eligible	Rating		
English	All Students	500	18	4	8	Approaching		
Language Arts	Previously Identified for READ Plan				0			
	English Learners	60	10	0.25	1	Does Not Meet		
	Free/Reduced-Price Lunch Eligible	400	10	0.25	1	Does Not Meet		
	Minority Students	380	10	0.25	1	Does Not Meet		
	Students with Disabilities							
Math	All Students	500	18	4	8	Approaching		
	English Learners	60	10	0.25	1	Does Not Meet		
	Free/Reduced-Price Lunch Eligible	400	10	0.25	1	Does Not Meet		
	Minority Students	380	10	0.25	1	Does Not Meet		
	Students with Disabilities							
Science	All Students	500	18	4	8	Approaching		
	English Learners	60	10	0.25	1	Does Not Meet		
	Free/Reduced-Price Lunch Eligible	400	10	0.25	1	Does Not Meet		
	Minority Students	380	10	0.25	1	Does Not Meet		
	Students with Disabilities							
TOTAL				14.25	33	Approaching		
ACADEMI	C GROWTH							
Subject	Student Group	Count	Percentile Rank	Pts Earned	Pts Eligible	Rating		
English	All Students	500	35	4	8	Approaching		
Language Arts	English Learners	60	30	0.25	1	Does Not Meet		
	Free/Reduced-Price Lunch Eligible	400	30	0.25	1	Does Not Meet		
	Minority Students	380	30	0.25	1	Does Not Meet		
	Students with Disabilities							
Math	All Students	500	34	2	8	Does Not Meet		
	English Learners	60	35	0.5	1	Approaching		
	Free/Reduced-Price Lunch Eligible	400	35	0.5	1	Approaching		
	Minority Students	380	35	0.5	1	Approaching		
	Students with Disabilities							
ELP	English Language Proficiency							
TOTAL				8.25		Approaching		
I	D-41 T-4-1-							
Indicator	Rating Totals							
Performar	nce Indicators			Pts Earned	Pts Eligible	Rating		
Academic	Achievement			14.25	33	Approaching		
, loudeline	, and the second s			14.20	55	ripproderinig		
Academic	Growth			8.25	22	Approaching		
Total Sc	hool Rating							
	T-t-LD-1-t-							
	Total Points	_	Final Rating					
	22.0							
	39.8		Priority Improvement					
			Achievement					
		Count	Rank	Growth Rank				
	Free/Reduced-Price Lunch Eligible	400	10	30				
	Non-categorized Students	100	50	55		Matt Nehri		
	All Students	500	18.0	35.0		mattn@monte.k12.co		

The CDE School Performance Framework Possible modifications and/or solutions

- 1. CDE could adjust their efforts to address achievement gaps on a statewide basis, rather than the simple-to-implement, but ineffective, mechanism currently being administered by the department.
- 2. The state of Colorado could restructure the funding model to provide sustained financial support to high-poverty districts with ratings; this would be justified because high-poverty schools/districts have a much different problem to solve than the districts located in more affluent areas.
- 3. Build flexibility into the accountability system which allows for formative (during the year) assessments and non-academic measures to be included in a manner that is meaningful to evaluation and the district/school.
- 4. Replace the "All Students" category with a "Non-categorized" subgroup; assign the same number of "points" to each subgroup (including the "non-categorized" area); and count each student only once.