



# Analyses of Lowest Performing Schools

Illinois State Board of Education  
Technical Advisory Committee

June 2020



# Overview

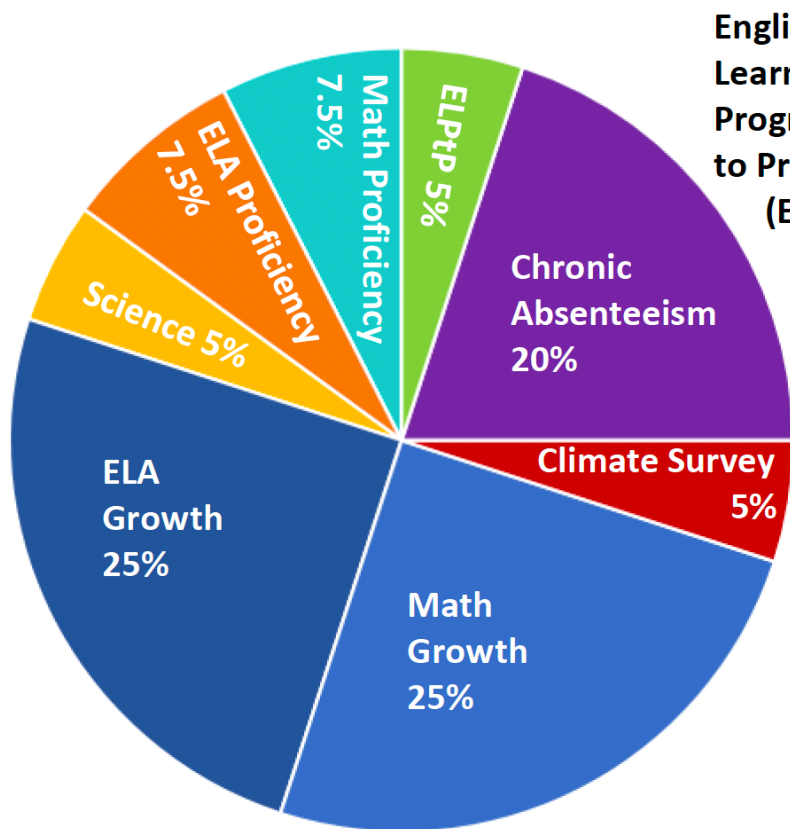
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- The purpose of this presentation is to do a ‘deep dive’ into the performance of the system overall and each indicator by selected subgroup for:
  - All students
  - EL
  - Students with disabilities
  - Low Income
- We will focus on performance trends (delta) from 2018 (baseline) to 2019, where positive delta indicates an improvement
- We seek to gain insights about the nature of performance for the lowest performing schools in the state to inform our understanding of support strategies and model specifications

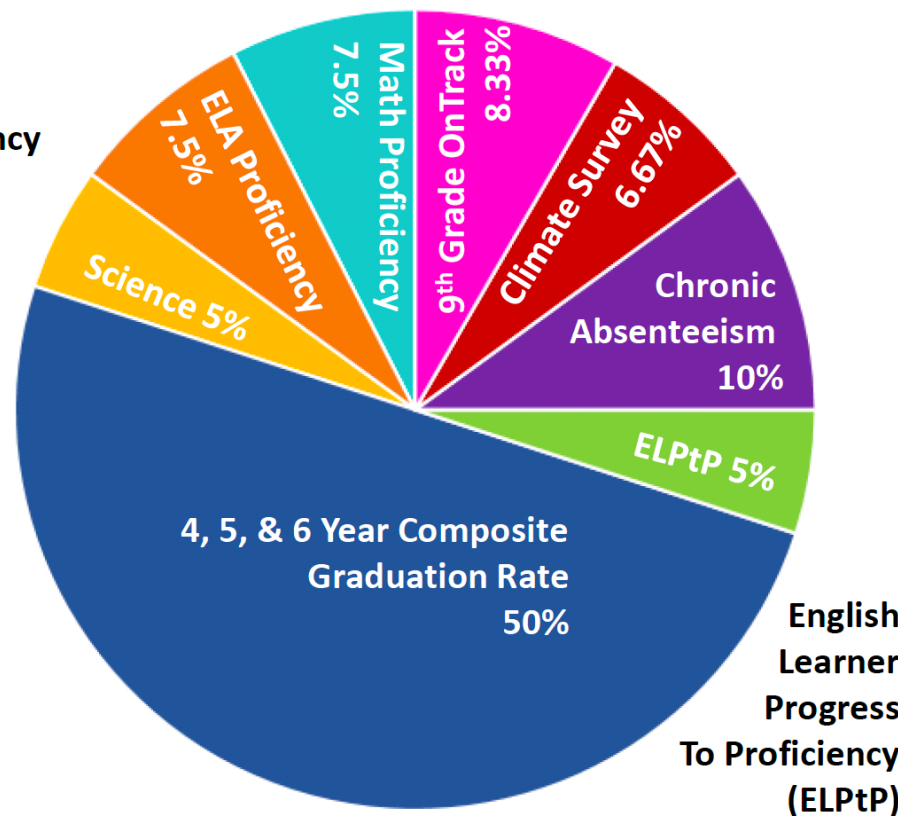
# Indicators and Weights

## K-8 Band

## 9-12 Band



English Learner Progress to Proficiency (ELPtP)



English Learner Progress To Proficiency (ELPtP)

# School Summative Designations

<p><b>Exemplary</b></p>	<p>A school that has <b>no underperforming student demographic groups</b> at or below the “all students” group of the lowest 5 percent of Title 1 schools, a graduation rate of greater than 67 percent, and whose performance is in the <b>top 10 percent</b> of schools statewide. May apply to <b>serve</b> in the IL-EMPOWER network of partners.</p>
<p><b>Commendable</b></p>	<p>A school that has <b>no underperforming student demographic groups</b> at or below the “all students” group of the lowest 5 percent of all Title 1 schools, a graduation rate greater than 67 percent, and whose performance is <b>not in the top 10 percent</b> of schools statewide. May apply to <b>serve</b> in the IL-EMPOWER network of partners.</p>
<p><b>Underperforming</b></p>	<p>A school in which <b>one or more student demographic groups is performing at or below the “all students” group</b> of the lowest 5 percent of all Title 1 schools. Schools that receive an Underperforming School designation <b>will receive Targeted Support</b>.</p>
<p><b>Lowest Performing</b></p>	<p>A school that is in the <b>lowest-performing 5 percent</b> of Title I schools in Illinois and <b>any high schools that have a graduation rate of 67 percent or less</b>. Schools that receive a Lowest Performing School designation <b>will receive Comprehensive Support</b> through IL-EMPOWER.</p>

# 2018 Official Summative Designations

## 2018 Official Summative Designations

Statistics for 2018	Grade Band	Lowest Performing	Underperforming	Commendable	Exemplary	Total	Lowest/ Underperforming Index Score Threshold	Exemplary Index Score Threshold
	ES	156	550	2084	308	3098	36.9	80.94
HS	48	11	552	68	679	17.16	87.81	
<b>Total</b>	<b>204</b>	<b>561</b>	<b>2636</b>	<b>376</b>	<b>3777</b>			

- Exemplary schools had “all students” index scores at or above 80.94 (ES) or 87.81 (HS)
- Lowest Performing schools had “all students” index scores at or below 36.9 (ES) or 17.16 (HS)
- Underperforming schools had one or more student groups whose index score was below 36.9 (ES) or 17.16 (HS)
- Commendable schools had scores ranging from 80.93 – 36.99 (ES) or 87.78 – 18.41 (HS) but with no students groups whose index scores were at or below 36.9 (ES) or 17.16 (HS)

*Elementary School - ESSA Index Scores Descriptive Statistics by Designation (All Students).*

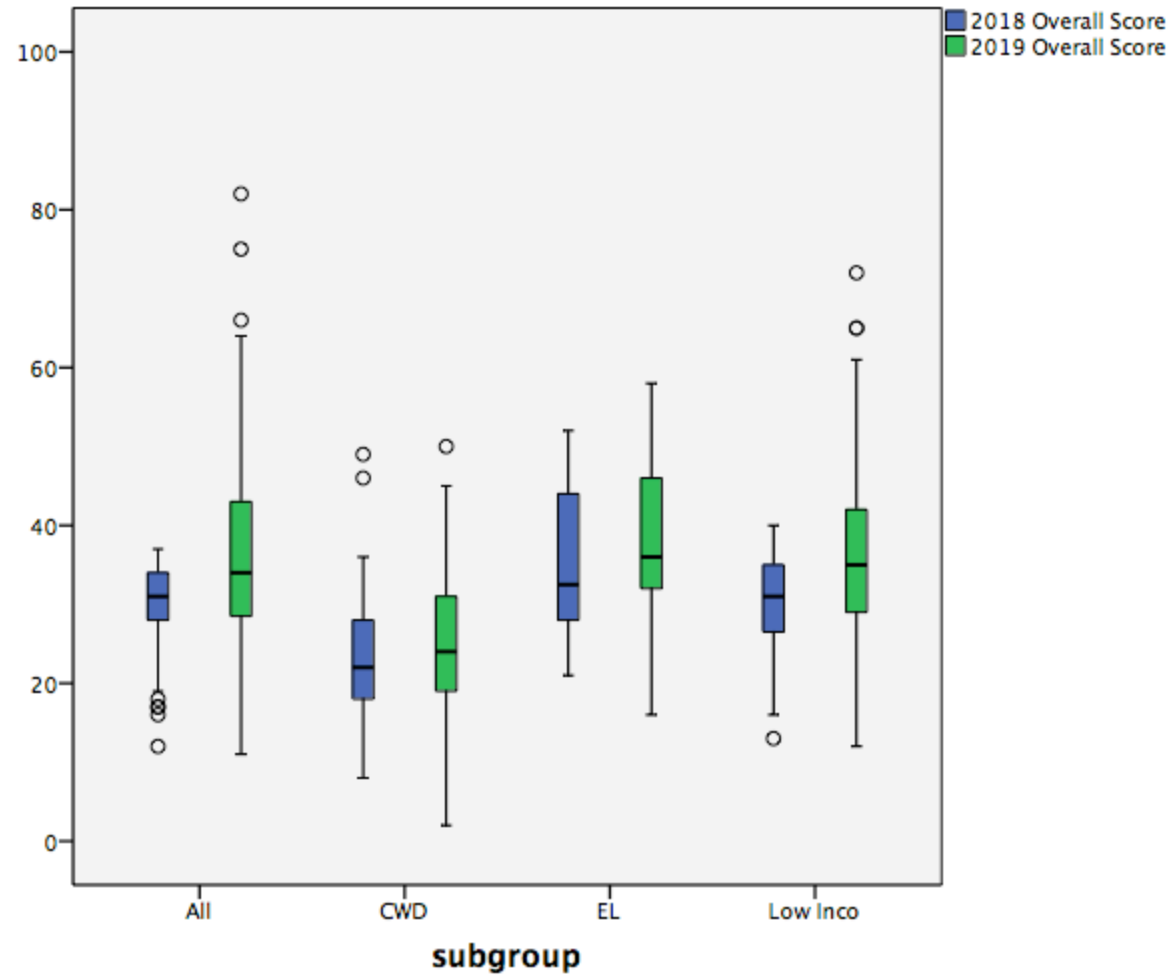
	Percent of Schools	Number of Schools	Min	Max	Mean	Median	SD
Lowest Performing	5.0	156	12.4	36.9	30.0	31.3	5.3
Underperforming	17.8	550	37.0	82.6	50.4	49.8	8.9
Commendable	67.3	2,084	37.0	80.9	64.5	65.4	10.5
Exemplary	9.9	308	80.9	97.6	85.9	84.7	4.3

*High School - ESSA Index Scores Descriptive Statistics by Designation (All Students).*

	Percent of Schools	Number of Schools	Min	Max	Mean	Median	SD
Lowest Performing	7.1	48	11.2	30.7	15.8	15.1	4.5
Underperforming	1.6	11	19.2	58.3	32.7	30.6	10.4
Commendable	81.3	552	18.4	87.8	65.5	68.9	15.7
Exemplary	10.0	68	87.8	97.6	91.1	91.1	2.3

# Overall Score Comparison 2018 to 2019

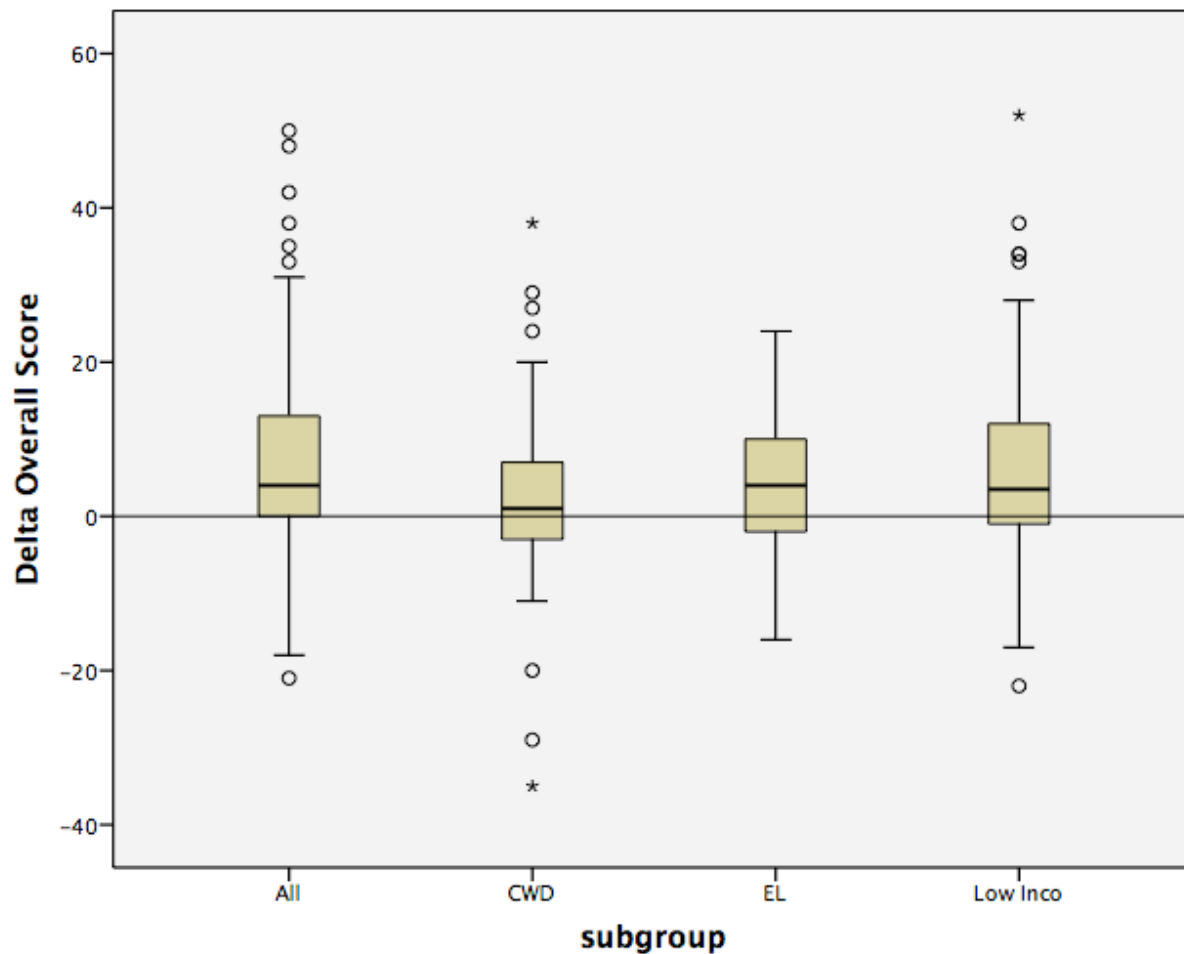
## Low Performing ES by Selected Group



subgroup		2018 Overall Score	2019 Overall Score
All	Mean	30	36.73
	N	155	147
	Std. Deviation	5.288	12.018
CWD	Mean	22.76	25.13
	N	94	82
	Std. Deviation	7.594	8.437
EL	Mean	35.73	38.59
	N	26	22
	Std. Deviation	8.956	10.817
Low Income	Mean	29.75	35.88
	N	152	140
	Std. Deviation	5.657	10.89

# Overall Score Delta 2018 to 2019

## Low Performing ES by Selected Group

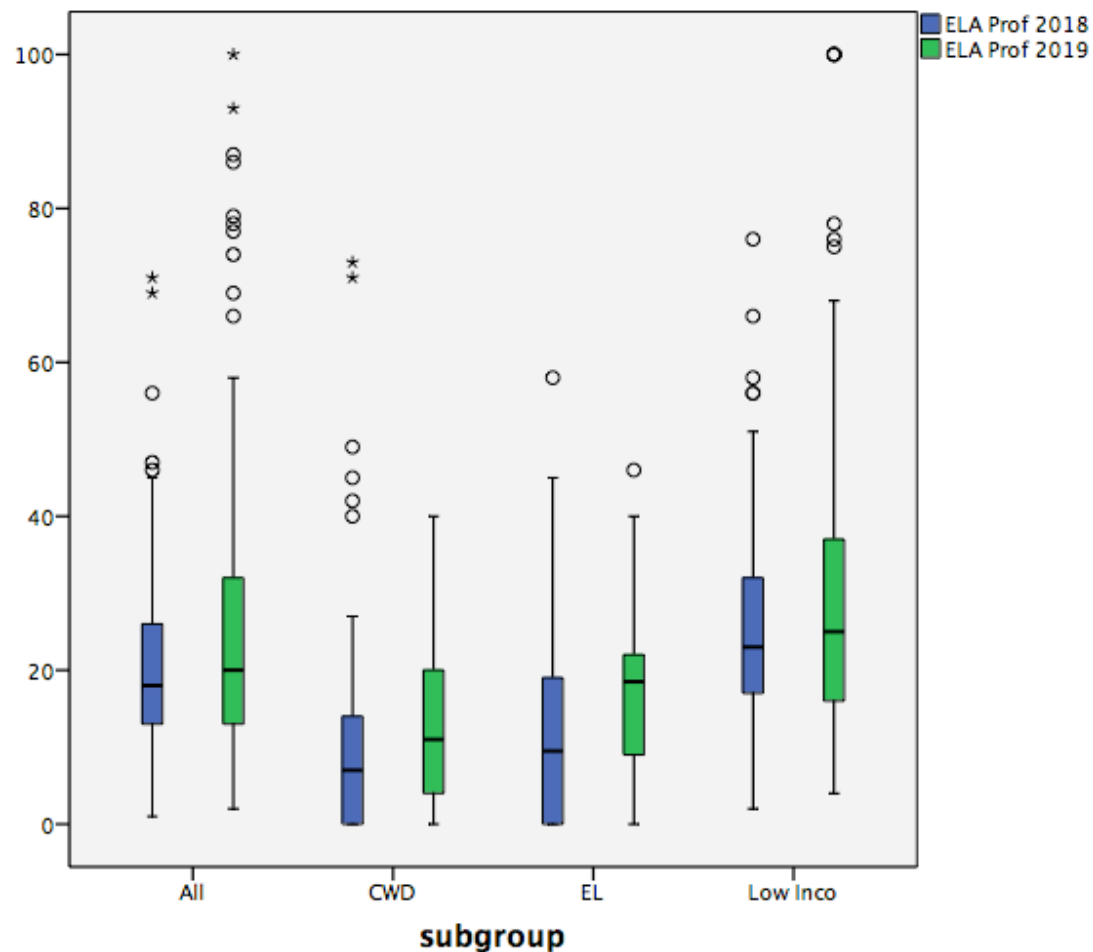


Delta Overall Score			
subgroup	Mean	N	Std. Deviation
All	6.54	147	11.84
CWD	2.37	82	10.849
EL	3.32	22	10.943
Low Income	5.78	140	11.257



# ELA Proficiency Comparison 2018 to 2019

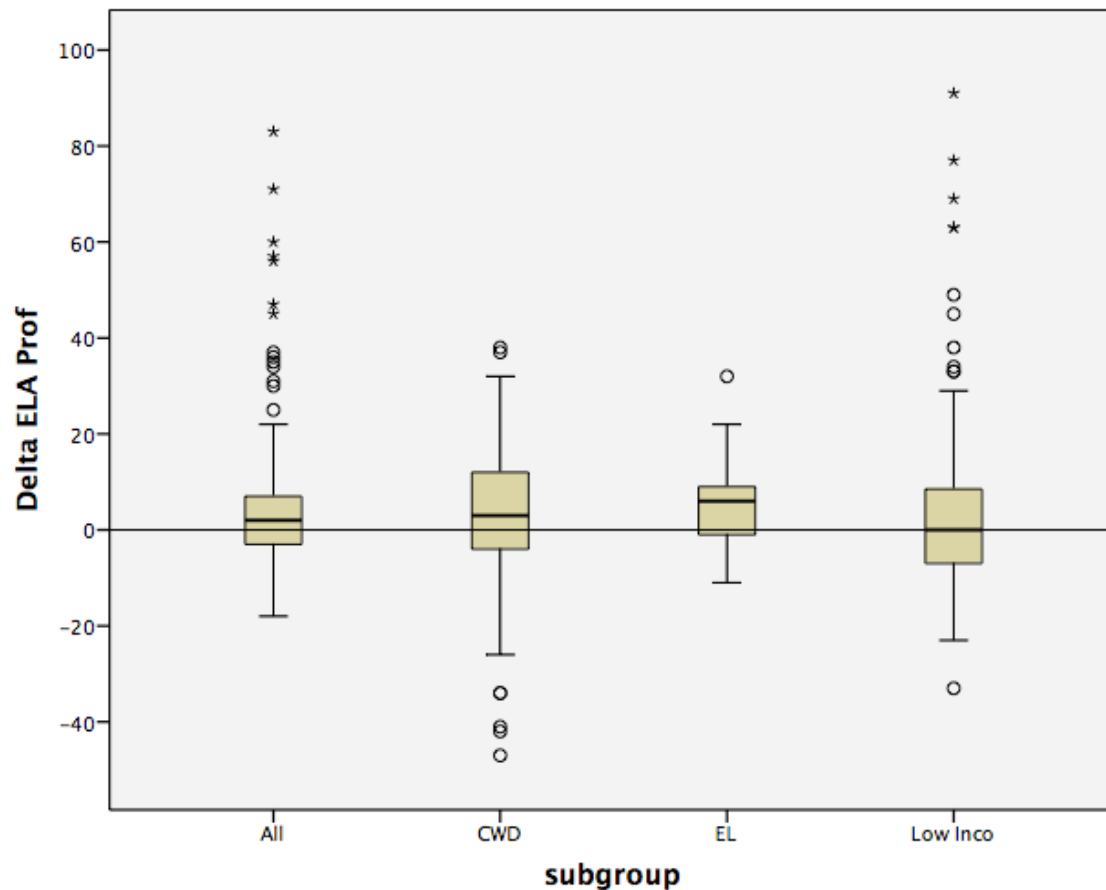
## Low Performing ES by Selected Group



subgroup		ELA Prof 2018	ELA Prof 2019
All	Mean	20.46	25.99
	N	155	147
	Std. Deviation	11.377	19.358
CWD	Mean	10.52	13.09
	N	94	82
	Std. Deviation	15.188	10.813
EL	Mean	12.15	18.68
	N	26	22
	Std. Deviation	14.786	12.643
Low Inco	Mean	24.92	28.99
	N	152	140
	Std. Deviation	12.78	19.636

# ELA Proficiency Delta 2018 to 2019

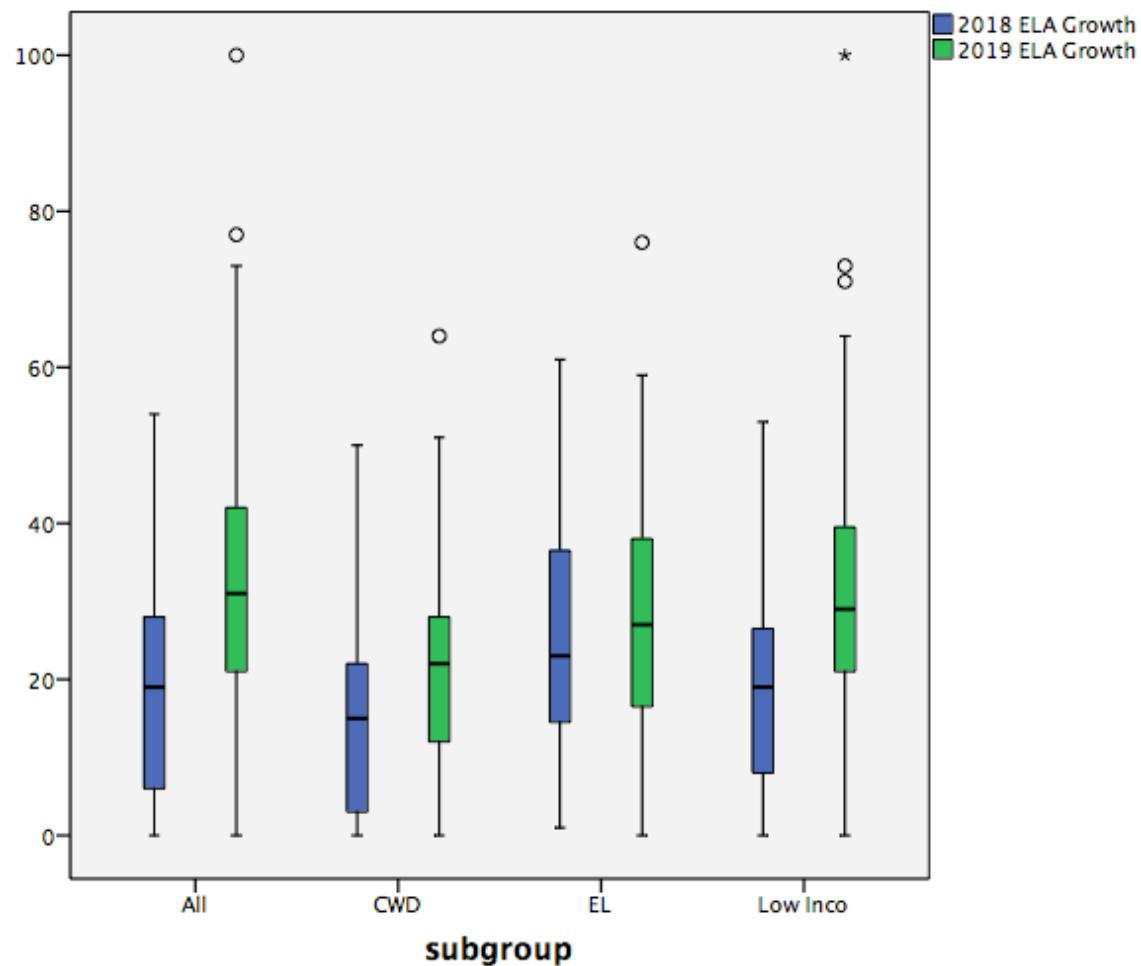
## Low Performing ES by Selected Group



subgroup	Mean	N	Std. Deviation
All	5.25	147	15.911
CWD	2.48	82	16.636
EL	5.68	22	10.394
Low Income	3.9	140	18.577

# ELA Growth Comparison 2018 to 2019

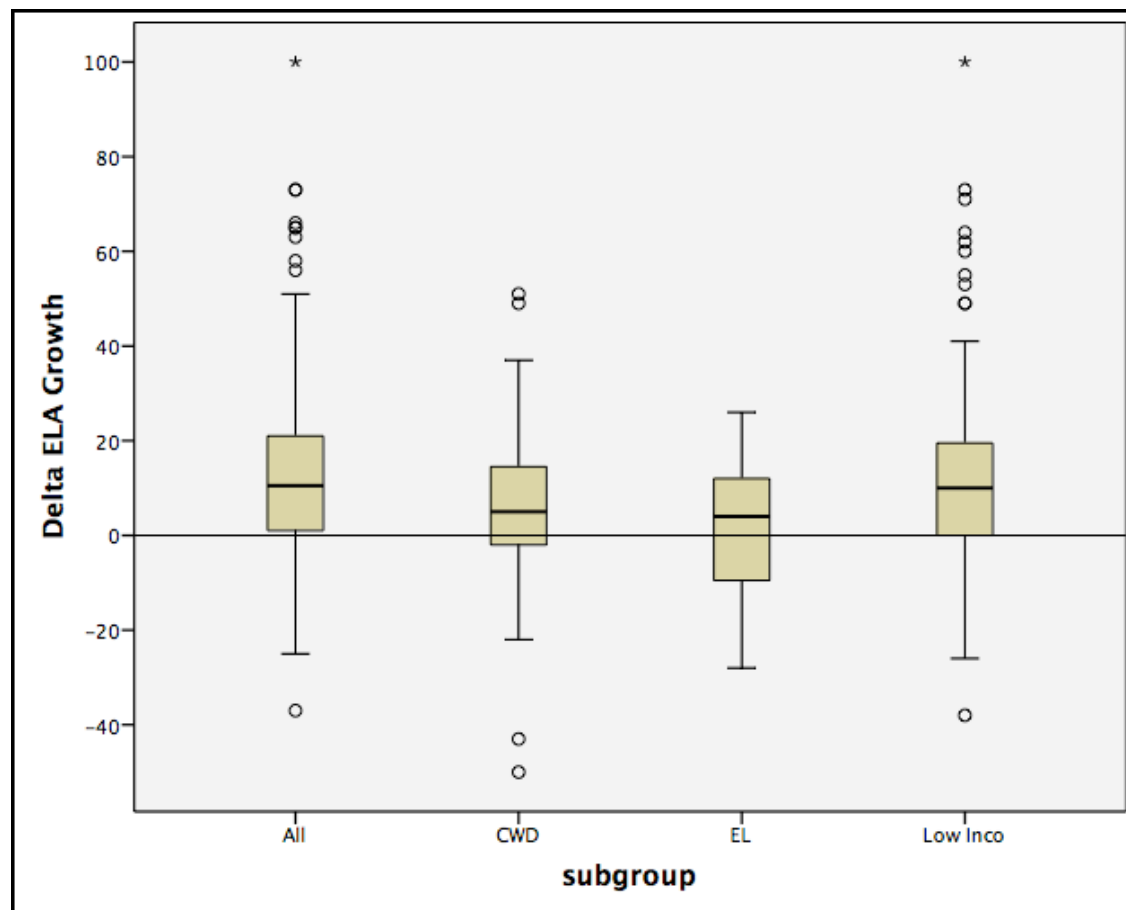
## Low Performing ES by Selected Group



subgroup		2018 ELA Growth	2019 ELA Growth
All	Mean	18.65	32
	N	154	147
	Std. Deviatio	13.298	17.24
CWD	Mean	14.51	19.93
	N	92	81
	Std. Deviatio	11.816	12.387
EL	Mean	27.04	30.38
	N	23	21
	Std. Deviatio	15.657	18.167
Low Inco	Mean	18.74	31.07
	N	151	140
	Std. Deviatio	13.231	16.378

# ELA Growth Delta 2018 to 2019

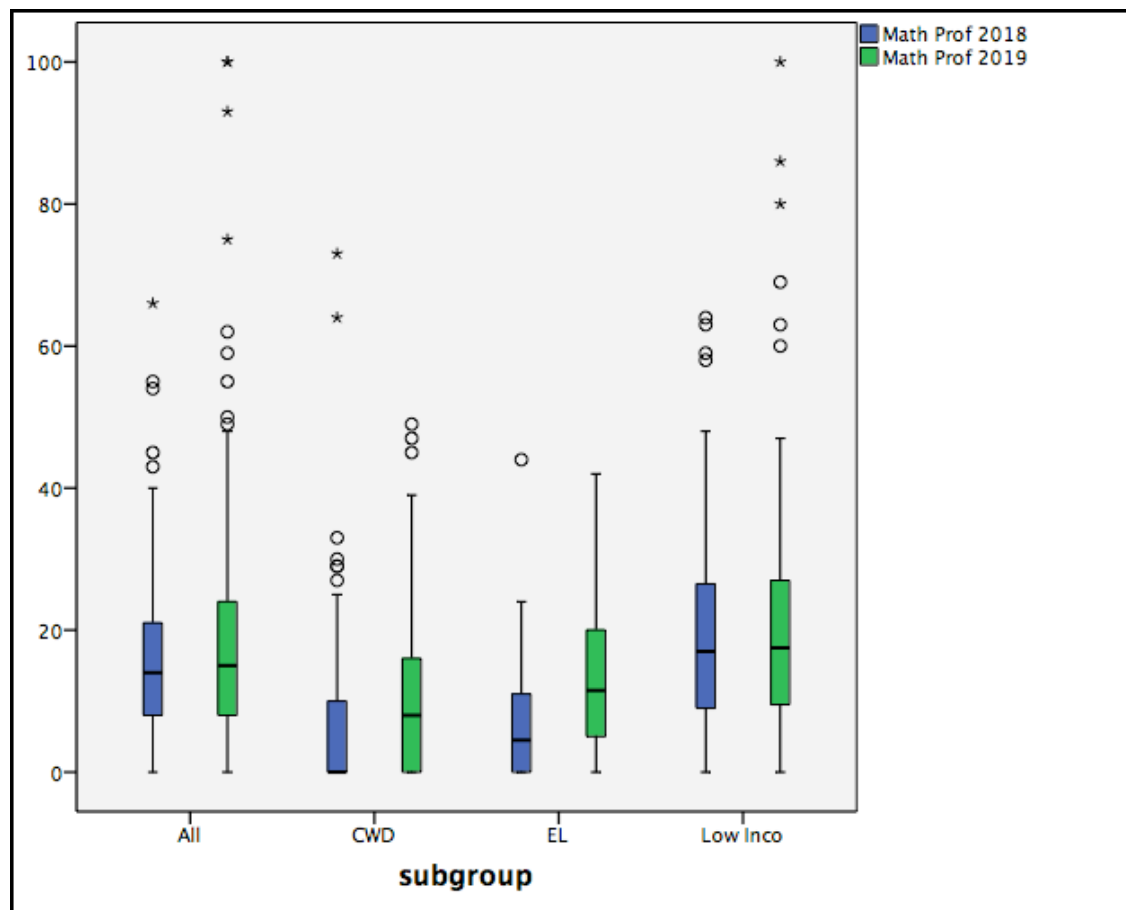
## Low Performing ES by Selected Group



Delta ELA Growth			
subgroup	Mean	N	Std. Deviation
All	13.14	146	21.057
CWD	6.07	80	15.879
EL	2.32	19	15.92
Low Income	12.01	139	20.148

# Math Proficiency Comparison 2018 to 2019

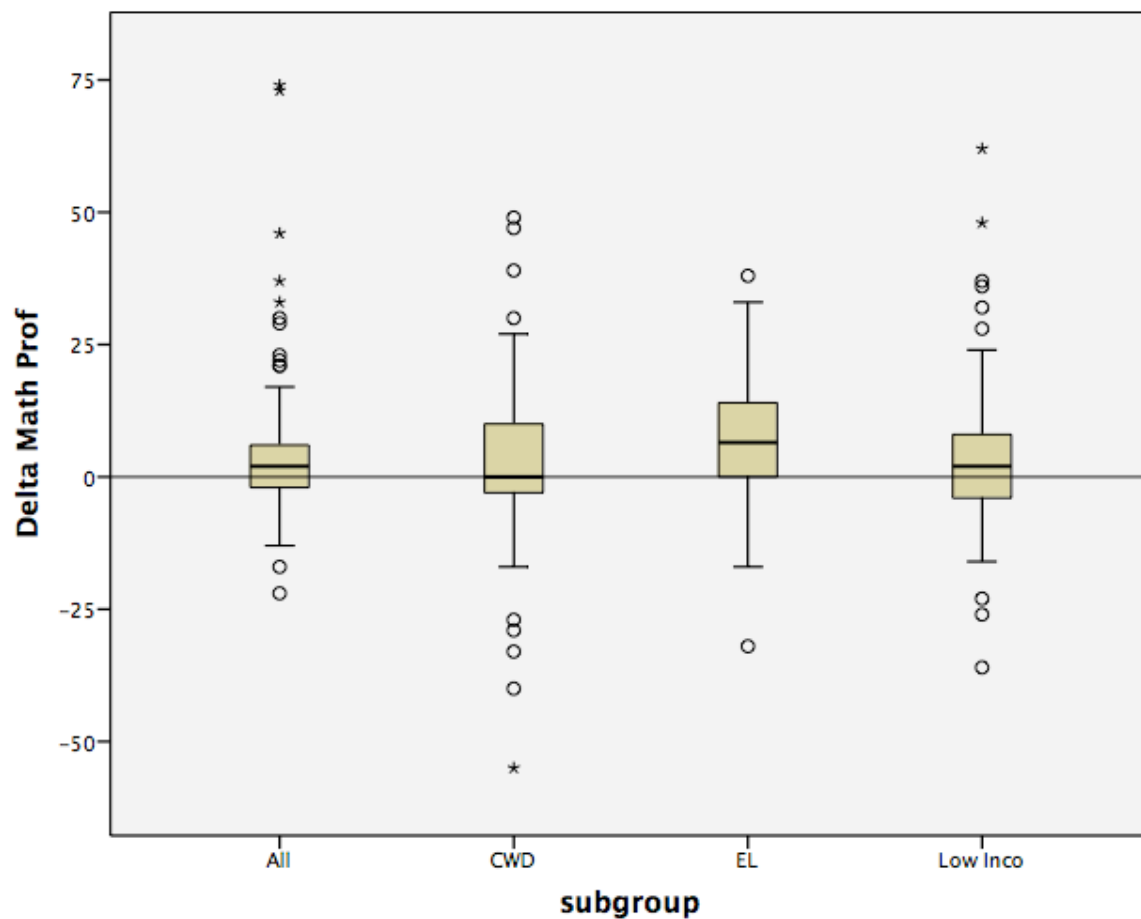
## Low Performing ES by Selected Group



subgroup		Math Prof 2018	Math Prof 2019
All	Mean	15.82	19.87
	N	155	147
	Std. Deviation	11.424	17.748
CWD	Mean	7.34	10.29
	N	94	82
	Std. Deviation	12.575	11.875
EL	Mean	8.35	14.14
	N	26	22
	Std. Deviation	10.826	12.175
Low Income	Mean	19.04	21.66
	N	152	140
	Std. Deviation	13.672	16.838



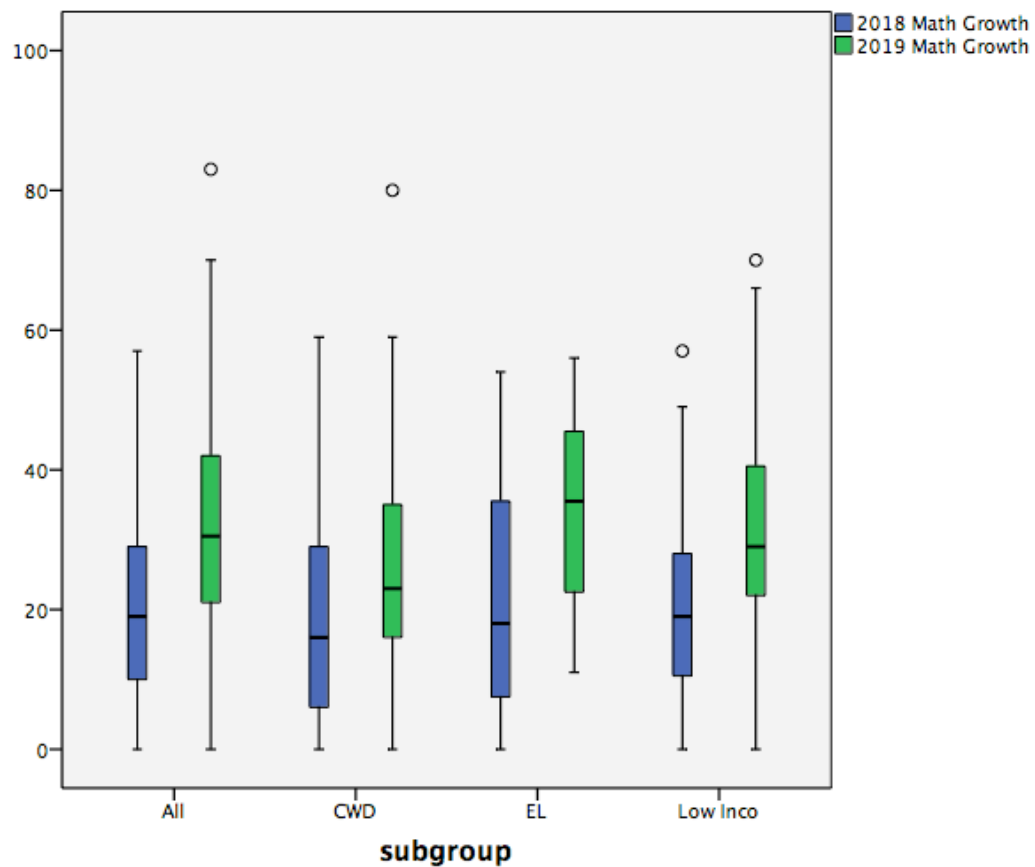
# Math Proficiency Delta 2018 to 2019 Low Performing ES by Selected Group



Delta Math Prof			
subgroup	Mean	N	Std. Deviation
All	3.83	147	12.604
CWD	2.85	82	16.559
EL	5.73	22	15.446
Low Income	2.4	140	12.464

# Math Growth Comparison 2018 to 2019

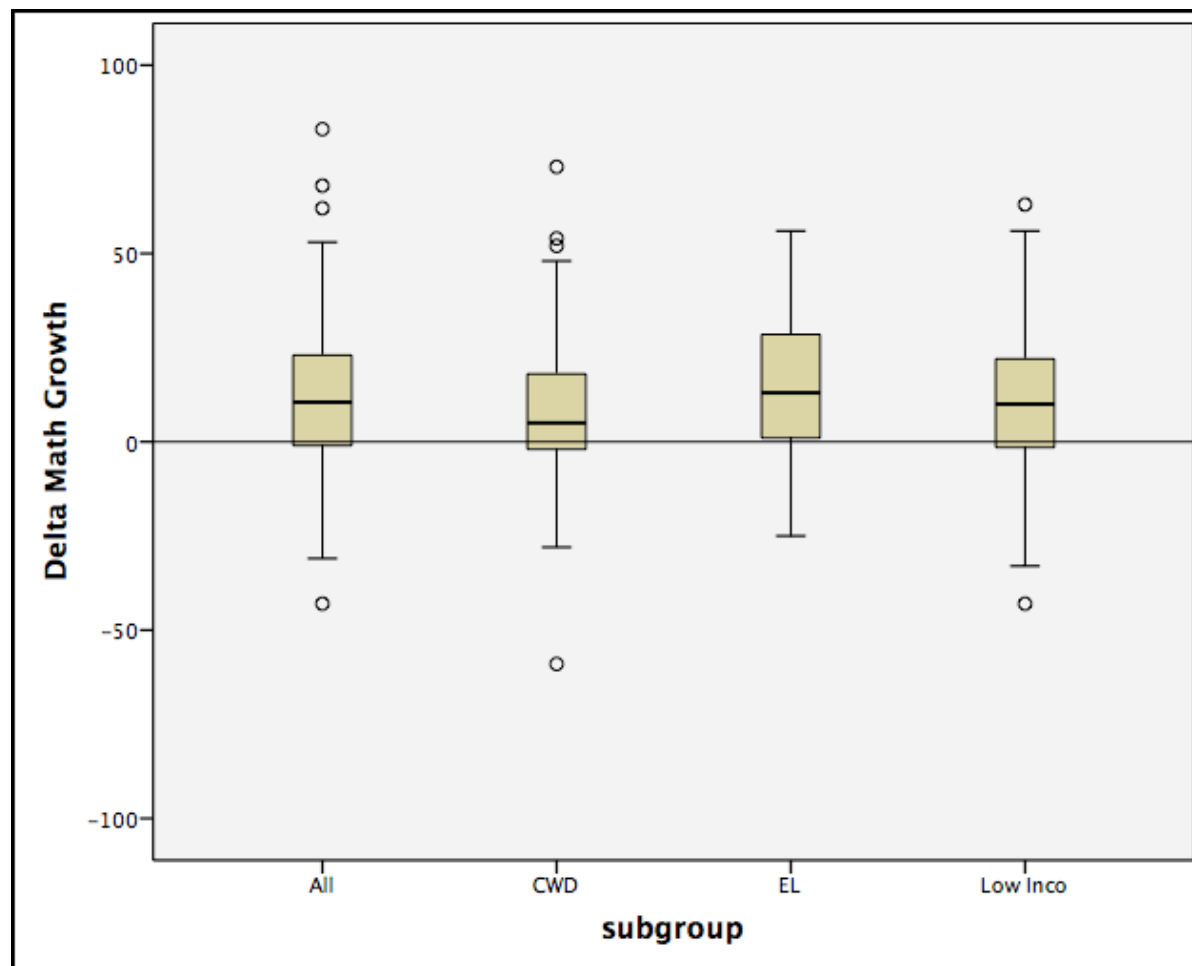
## Low Performing ES by Selected Group



subgroup		2018 Math Growth	2019 Math Growth
All	Mean	19.3	31.7
	N	154	147
	Std. Deviation	12.189	15.423
CWD	Mean	15.97	25.37
	N	94	81
	Std. Deviation	13.155	15.553
EL	Mean	21.46	36.52
	N	24	21
	Std. Deviation	15.855	16.839
Low Income	Mean	18.83	30.76
	N	151	140
	Std. Deviation	11.931	14.864

# Math Growth Delta 2018 to 2019

## Low Performing ES by Selected Group

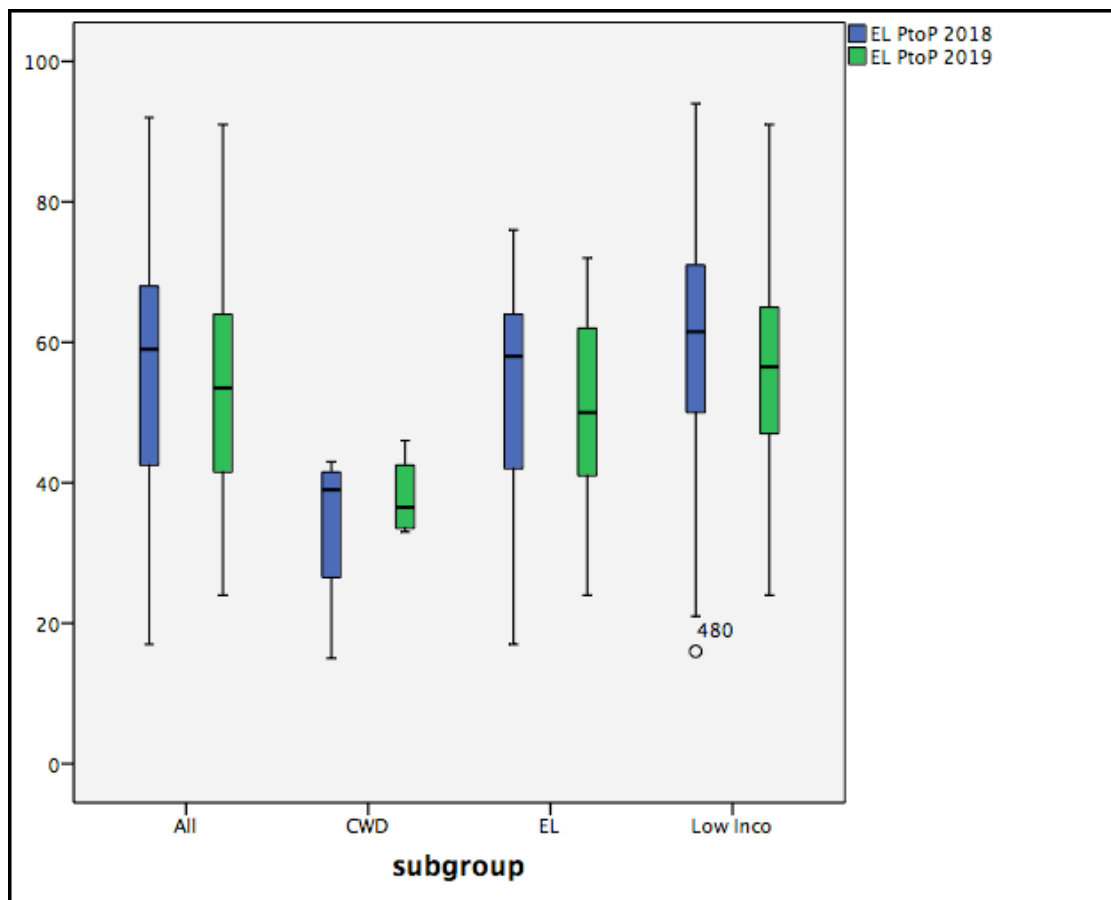


Delta Math Growth			
subgroup	Mean	N	Std. Deviation
All	12.14	146	19.856
CWD	8.2	81	20.114
EL	13	20	19.703
Low Income	11.12	139	18.656



# EL Progress to Proficiency Comparison 2018 to 2019

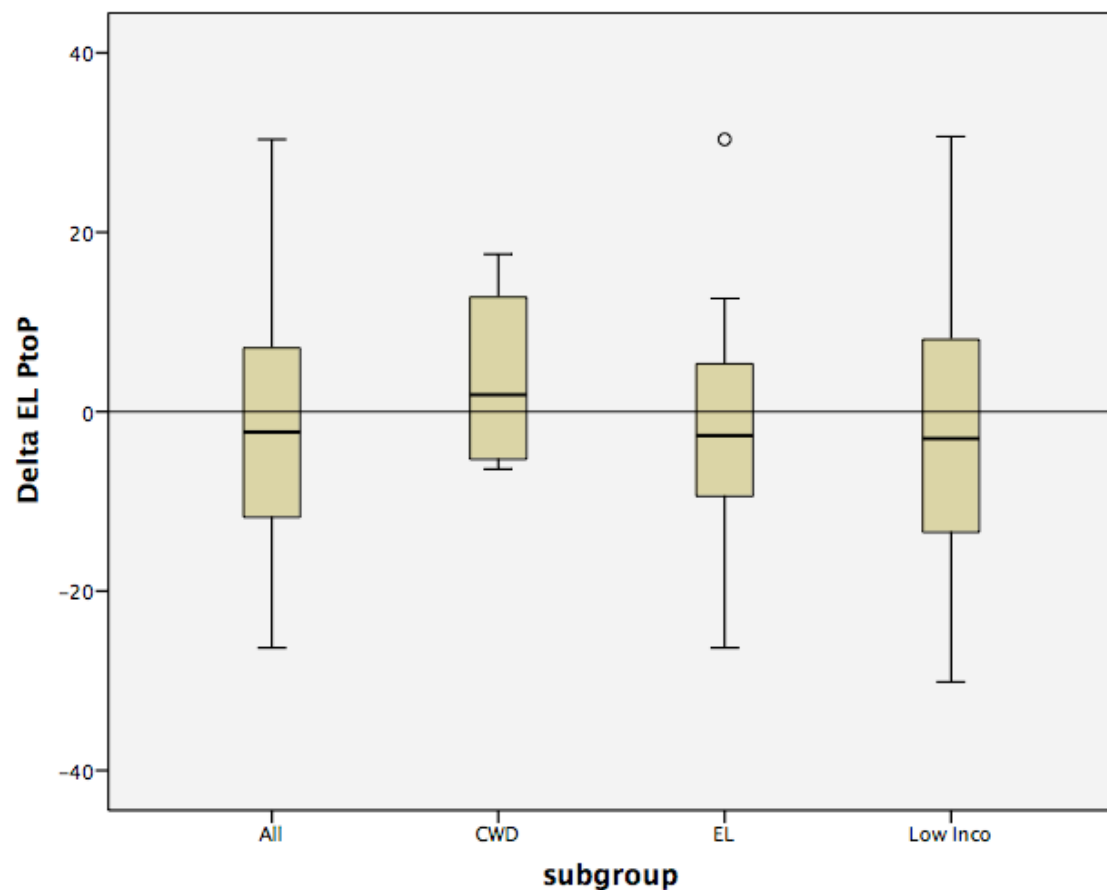
## Low Performing ES by Selected Group



subgroup		EL PtoP 2018	EL PtoP 2019
All	Mean	52.96	53.5
	N	27	24
	Std. Deviatio	19.618	15.956
CWD	Mean	40.17	37.83
	N	6	6
	Std. Deviatio	16.916	9.152
EL	Mean	53.35	50.9
	N	26	21
	Std. Deviatio	19.904	13.921
Low Income	Mean	55.67	53.96
	N	24	24
	Std. Deviatio	19.526	16.348

# EL Progress to Proficiency Delta 2018 to 2019

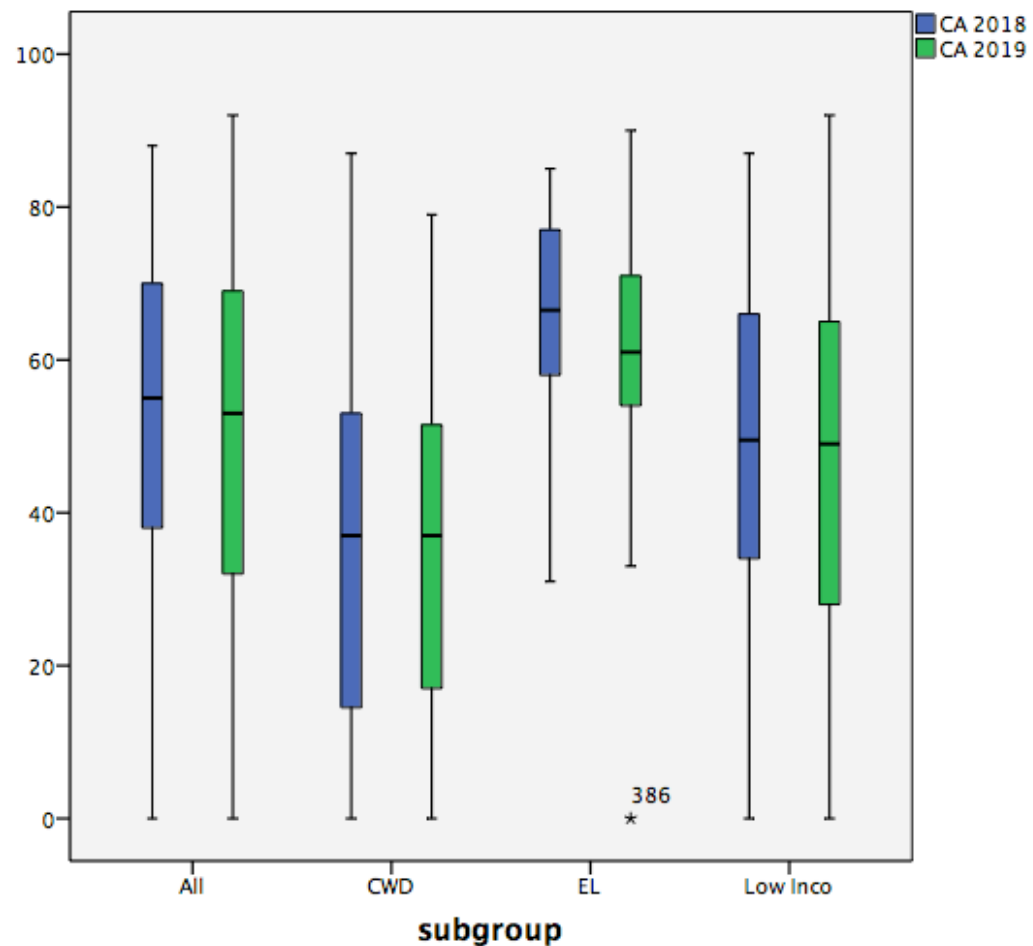
## Low Performing ES by Selected Group



subgroup	Mean	N	Std. Deviation
All	-1.35	24	12.729
CWD	3.73	4	11.182
EL	-1.73	21	12.481
Low Income	-2.09	22	13.505

# Chronic Absenteeism Comparison 2018 to 2019

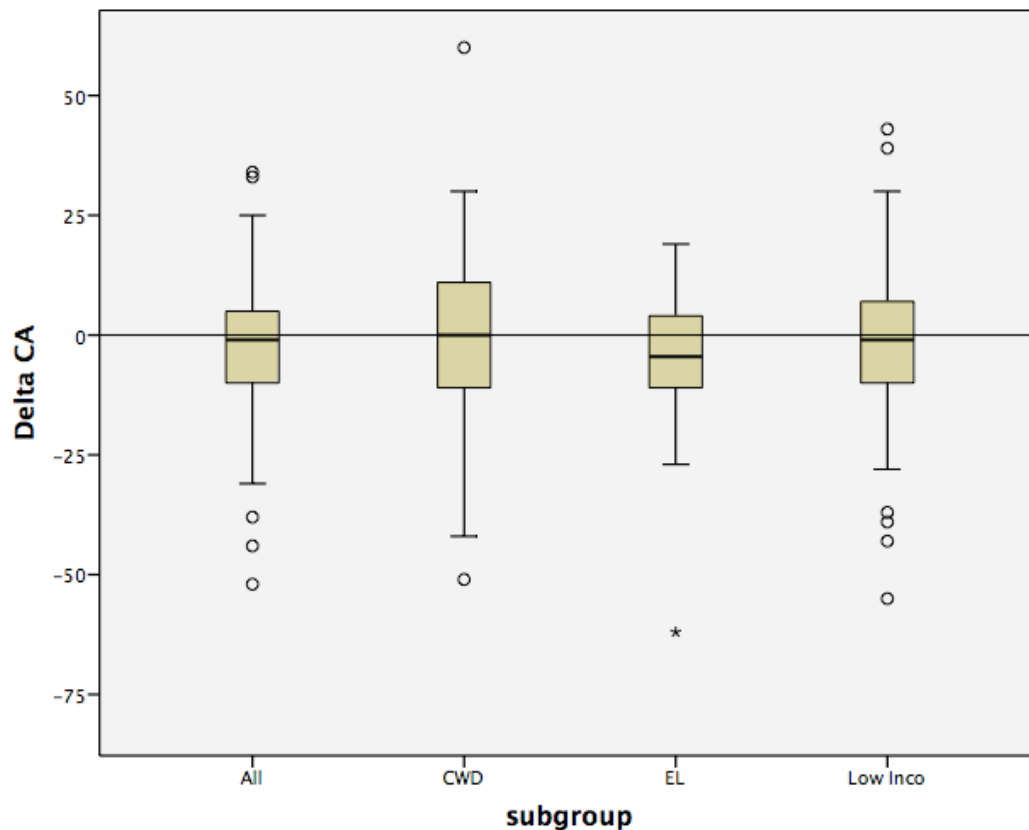
## Low Performing ES by Selected Group



subgroup		CA 2018	CA 2019
All	Mean	51.57	48.94
	N	155	145
	Std. Deviation	23.149	25.22
CWD	Mean	37.57	34.92
	N	91	80
	Std. Deviation	24.132	23.49
EL	Mean	66.62	59.64
	N	26	22
	Std. Deviation	13.429	20.189
Low Income	Mean	47.08	44.72
	N	152	138
	Std. Deviation	23.538	24.661

# Chronic Absenteeism Delta 2018 to 2019

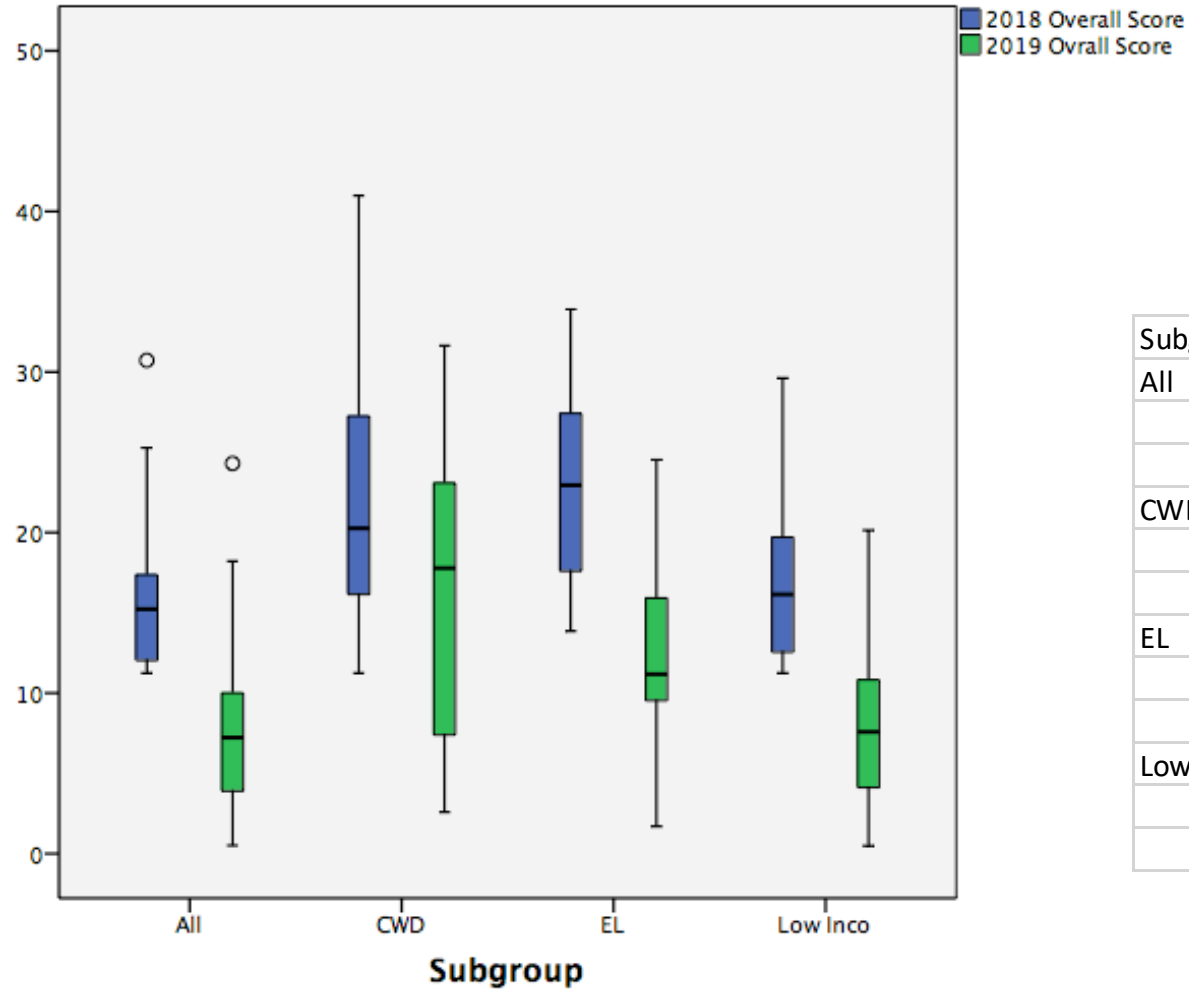
## Low Performing ES by Selected Group



Delta CA subgroup	Mean	N	Std. Deviation
All	-2.66	145	13.669
CWD	-0.73	79	17.504
EL	-6.32	22	17.921
Low Income	-2.29	138	14.922

# Overall Score Comparison 2018 to 2019

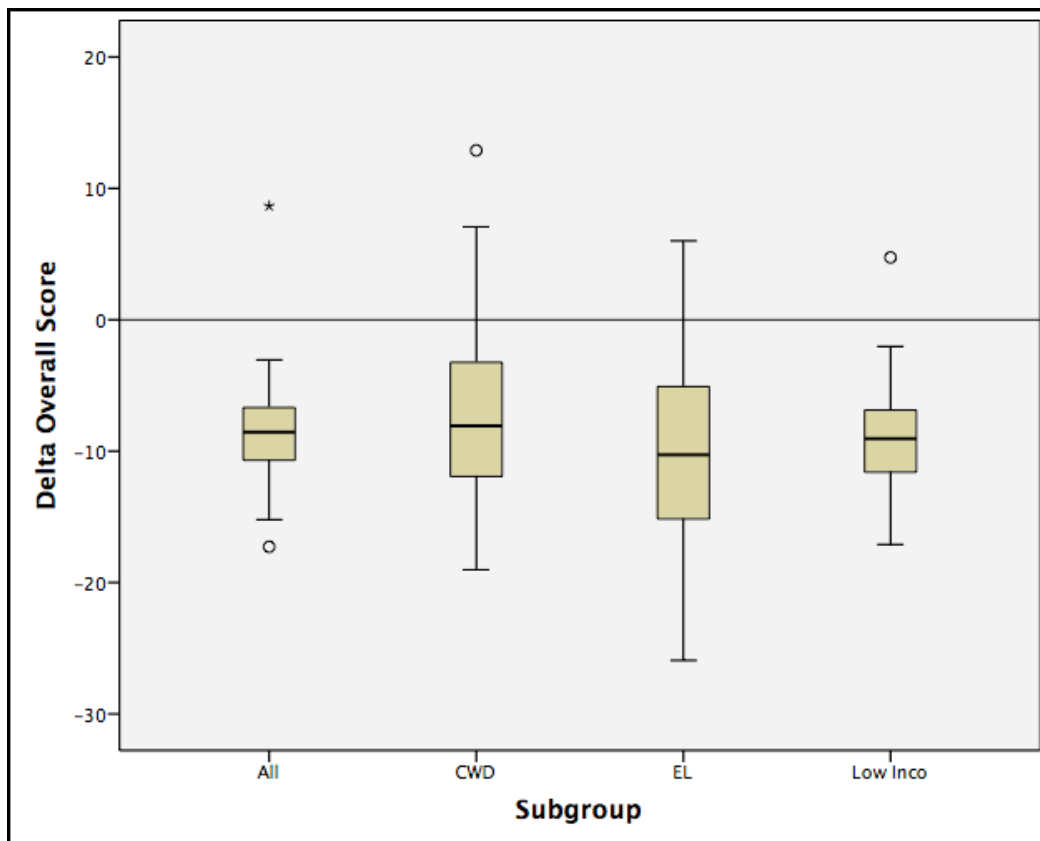
## Low Performing High Schools by Selected Group



Subgroup		2018 Overall Score	2019 Overall Score
All	Mean	15.795208	7.6
	N	48	44
	Std. Deviatio	4.536965	4.896
CWD	Mean	22.4545	15.97
	N	20	20
	Std. Deviatio	8.2162794	8.932
EL	Mean	22.866667	12.34
	N	12	12
	Std. Deviatio	6.3069923	6.153
Low Income	Mean	16.817234	8.07
	N	47	44
	Std. Deviatio	5.0515717	4.796

# Overall Score Delta 2018 to 2019

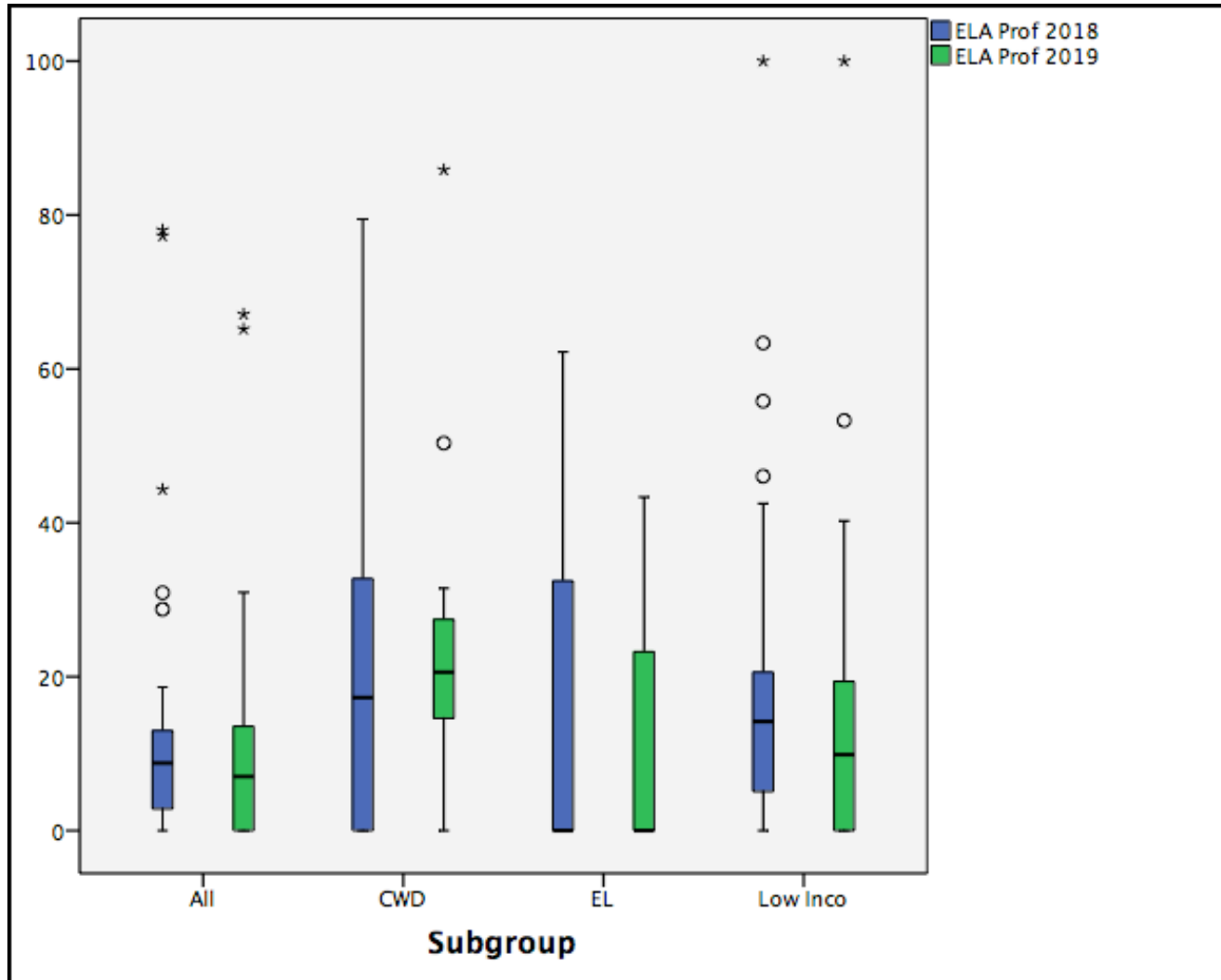
## Low Performing High Schools by Selected Group



Delta Overall Score			
Subgroup	Mean	N	Std. Deviation
All	-8.42	44	4.145
CWD	-6.49	20	7.605
EL	-10.53	12	8.332
Low Income	-8.91	44	4.058

# ELA Proficiency Comparison 2018 to 2019

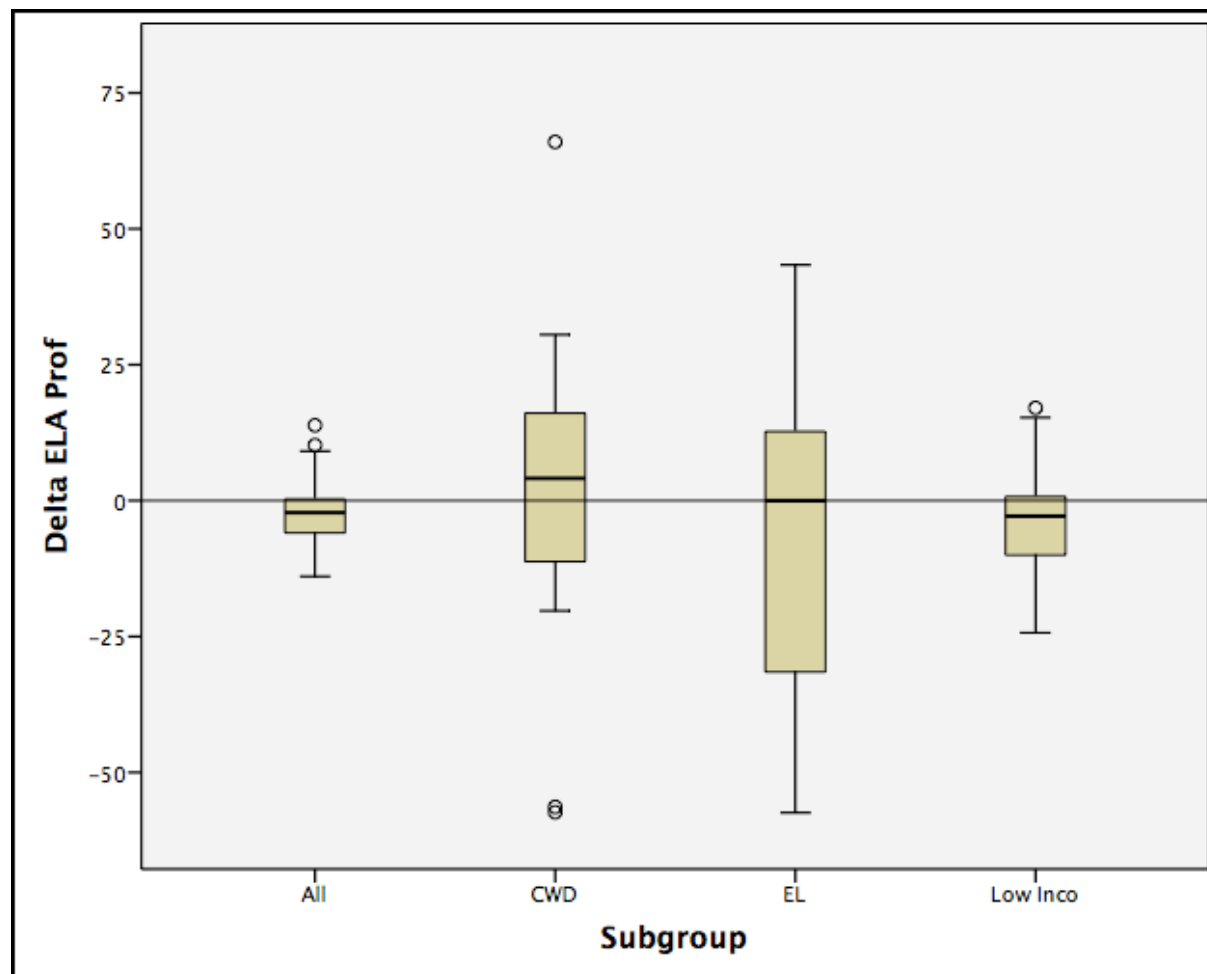
## Low Performing High Schools by Selected Group



Subgroup		ELA Prof 2018	ELA Prof 2019
All	Mean	11.76	10.37
	N	48	44
	Std. Deviation	16.38	14.517
CWD	Mean	21.47	23.64
	N	20	20
	Std. Deviation	24.821	17.954
EL	Mean	16.22	10.4
	N	12	12
	Std. Deviation	24.192	16.221
Low Income	Mean	16.49	13.43
	N	47	44
	Std. Deviation	18.875	18.244

# ELA Proficiency Delta 2018 to 2019

## Low Performing High Schools by Selected Group

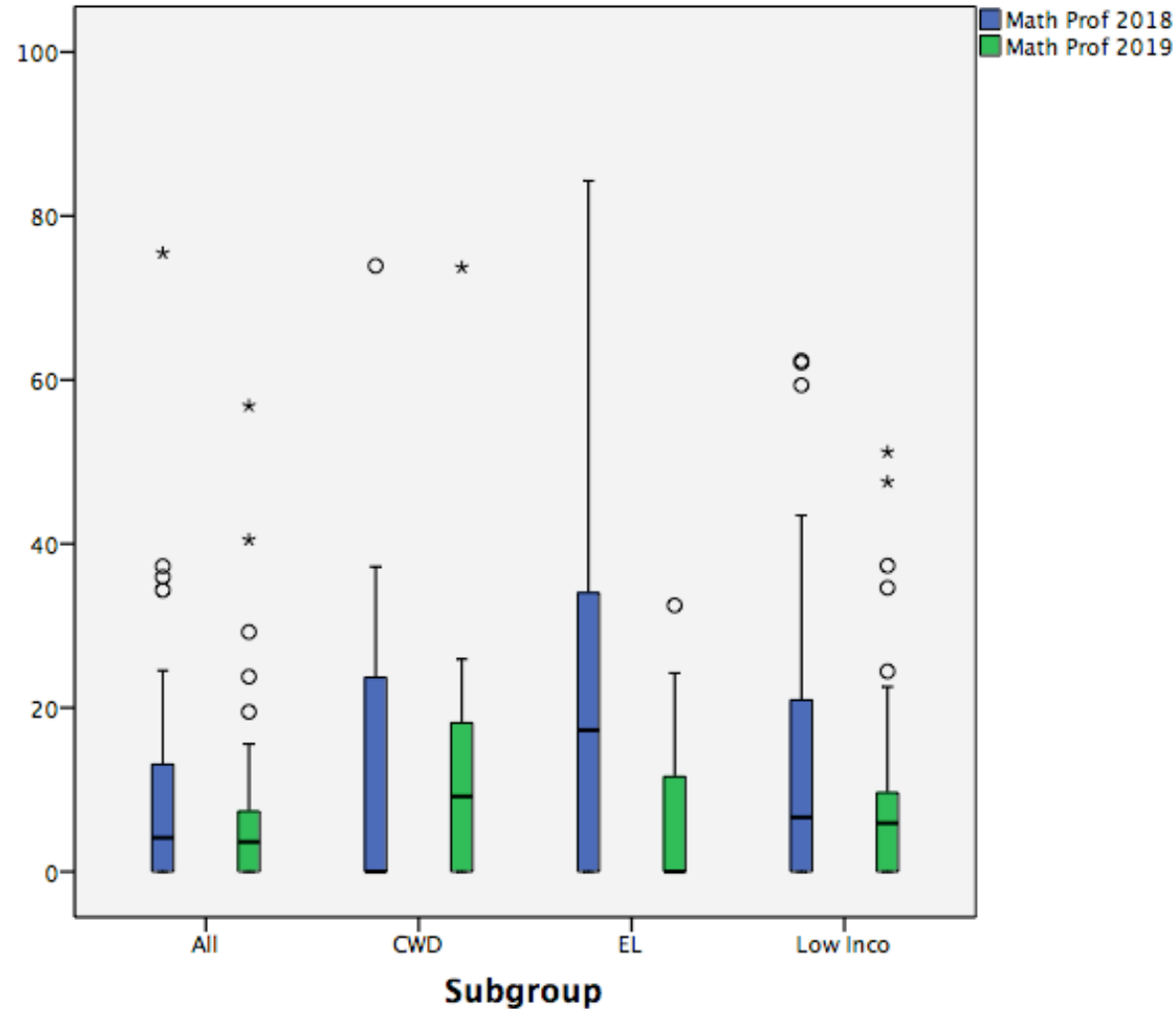


Delta ELA Prof Subgroup	Mean	N	Std. Deviation
All	-2.01	44	6.212
CWD	2.17	20	27.893
EL	-5.82	12	31.28
Low Income	-3.71	44	9.487



# Math Proficiency Comparison 2018 to 2019

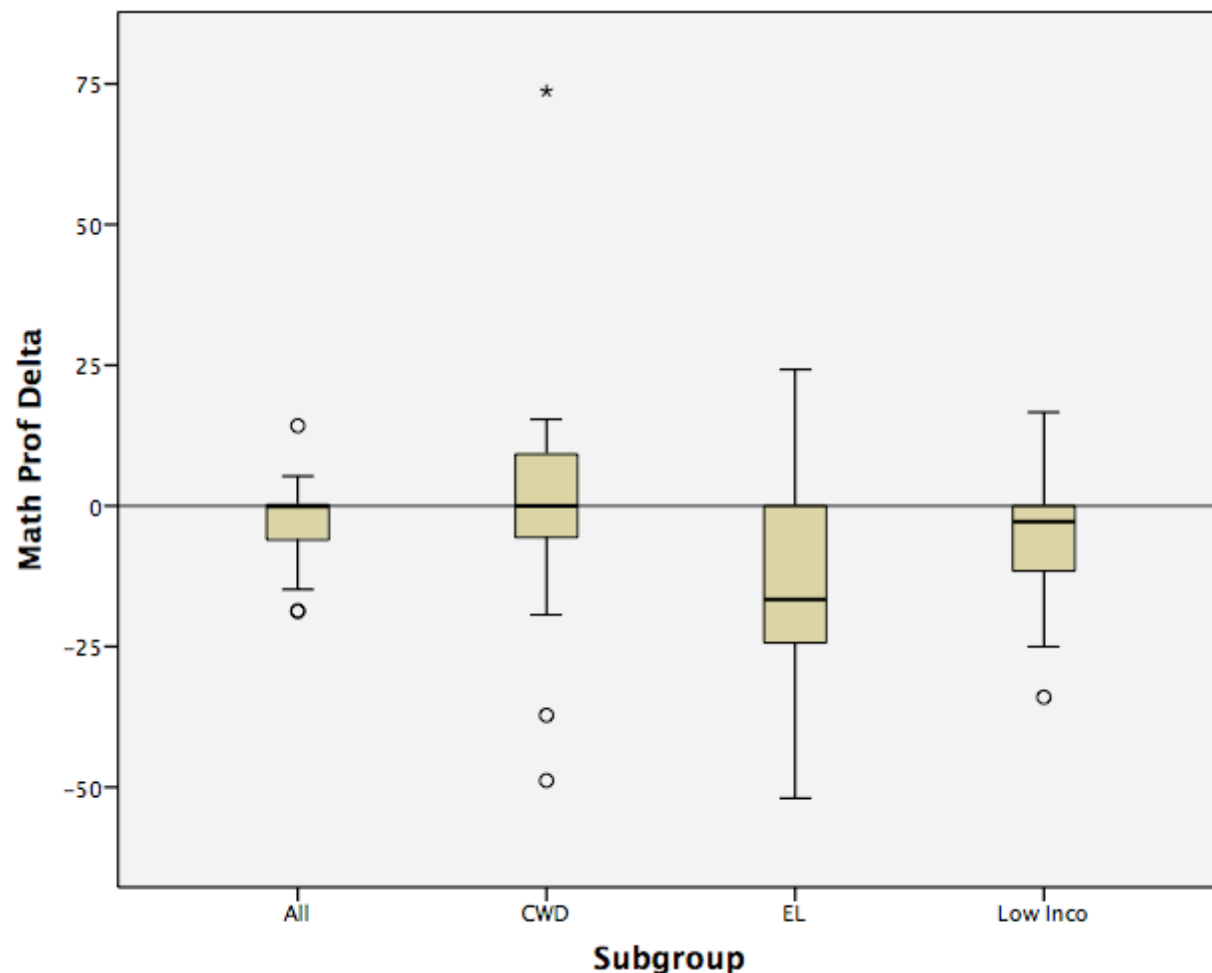
## Low Performing High Schools by Selected Group



Subgroup		Math Prof 2018	Math Prof 2019
All	Mean	9.21	7.21
	N	48	44
	Std. Deviation	13.687	11.302
CWD	Mean	11.98	11.87
	N	20	20
	Std. Deviation	19.768	17.219
EL	Mean	21.58	6.66
	N	12	12
	Std. Deviation	26.27	12.238
Low Income	Mean	13.86	9.05
	N	47	44
	Std. Deviation	16.875	12.412

# Math Proficiency Delta 2018 to 2019

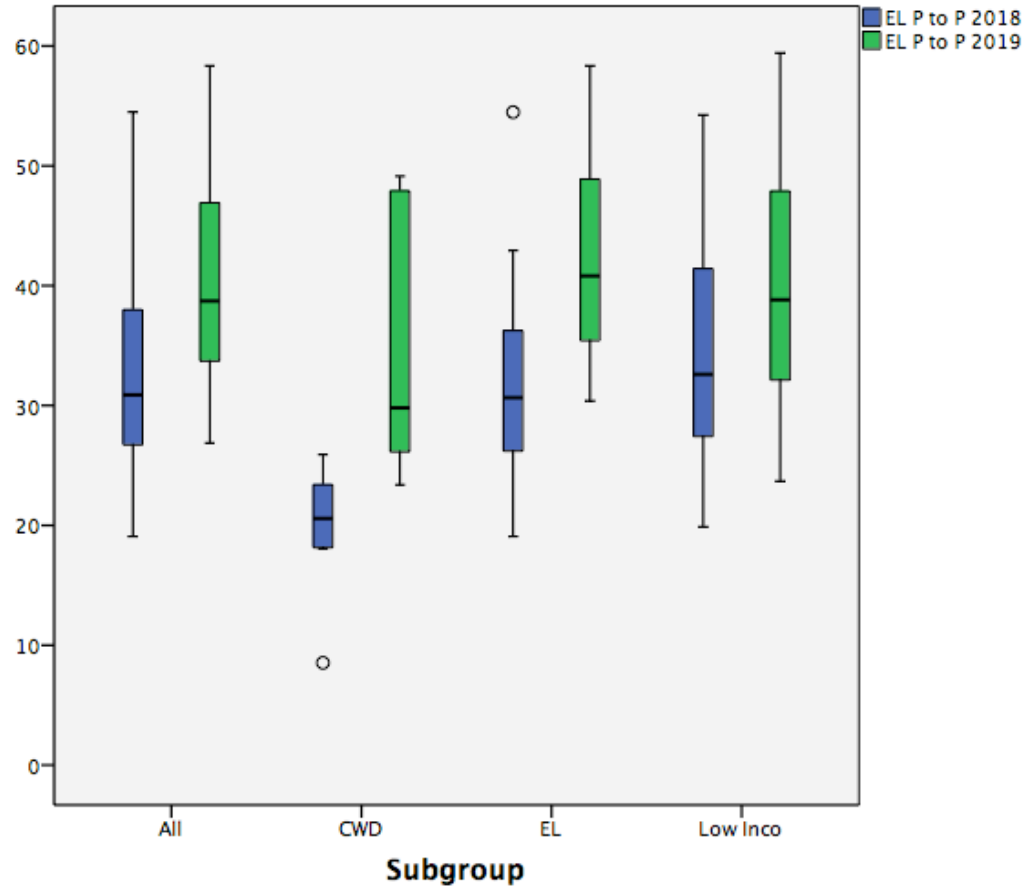
## Low Performing High Schools by Selected Group



Subgroup	Mean	N	Std. Deviation
All	-2.58	44	6.24
CWD	-0.11	20	23.565
EL	-14.92	12	22.116
Low Income	-5.32	44	9.542

# Progress in EL Proficiency Comparison 2018 to 2019

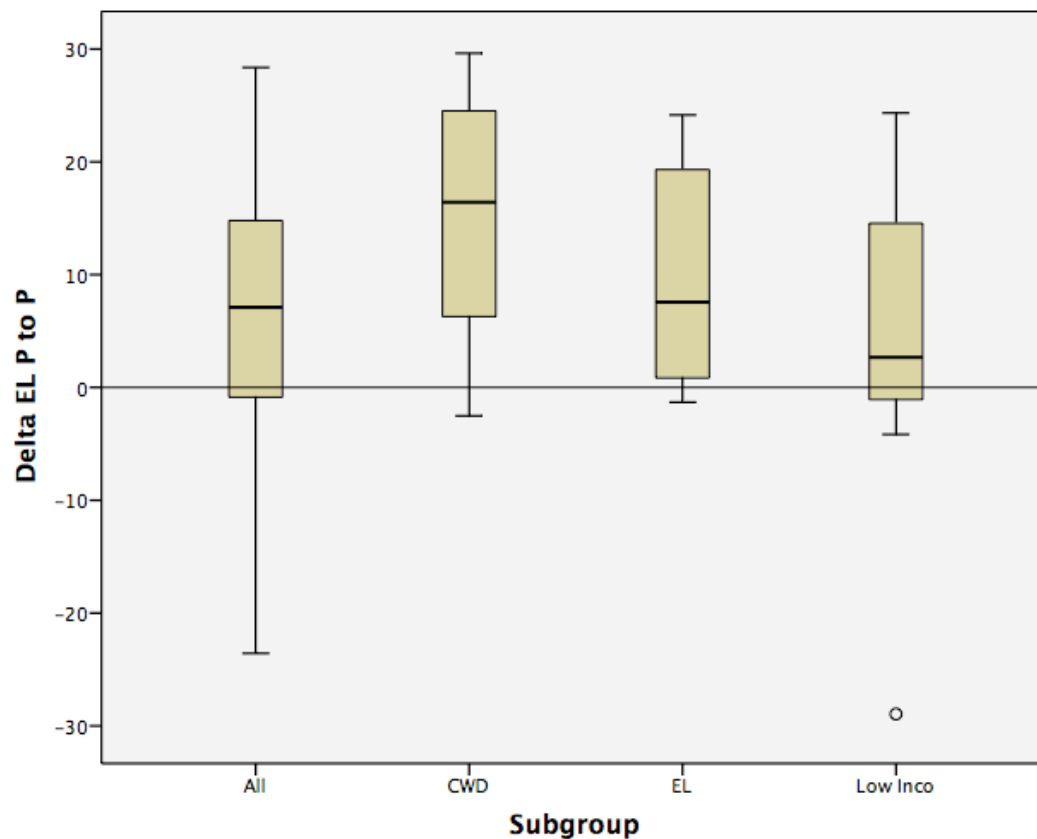
## Low Performing High Schools by Selected Group



Subgroup		EL P to P 2018	EL P to P 2019
All	Mean	33.8	41.66
	N	17	18
	Std. Deviation	9.659	10.04
CWD	Mean	19.83	35.75
	N	8	9
	Std. Deviation	5.387	10.743
EL	Mean	32.46	42.35
	N	12	12
	Std. Deviation	9.321	9.223
Low Inco	Mean	35.22	42.37
	N	15	17
	Std. Deviation	11.151	10.689

# Progress in English Language Proficiency Delta 2018 to 2019

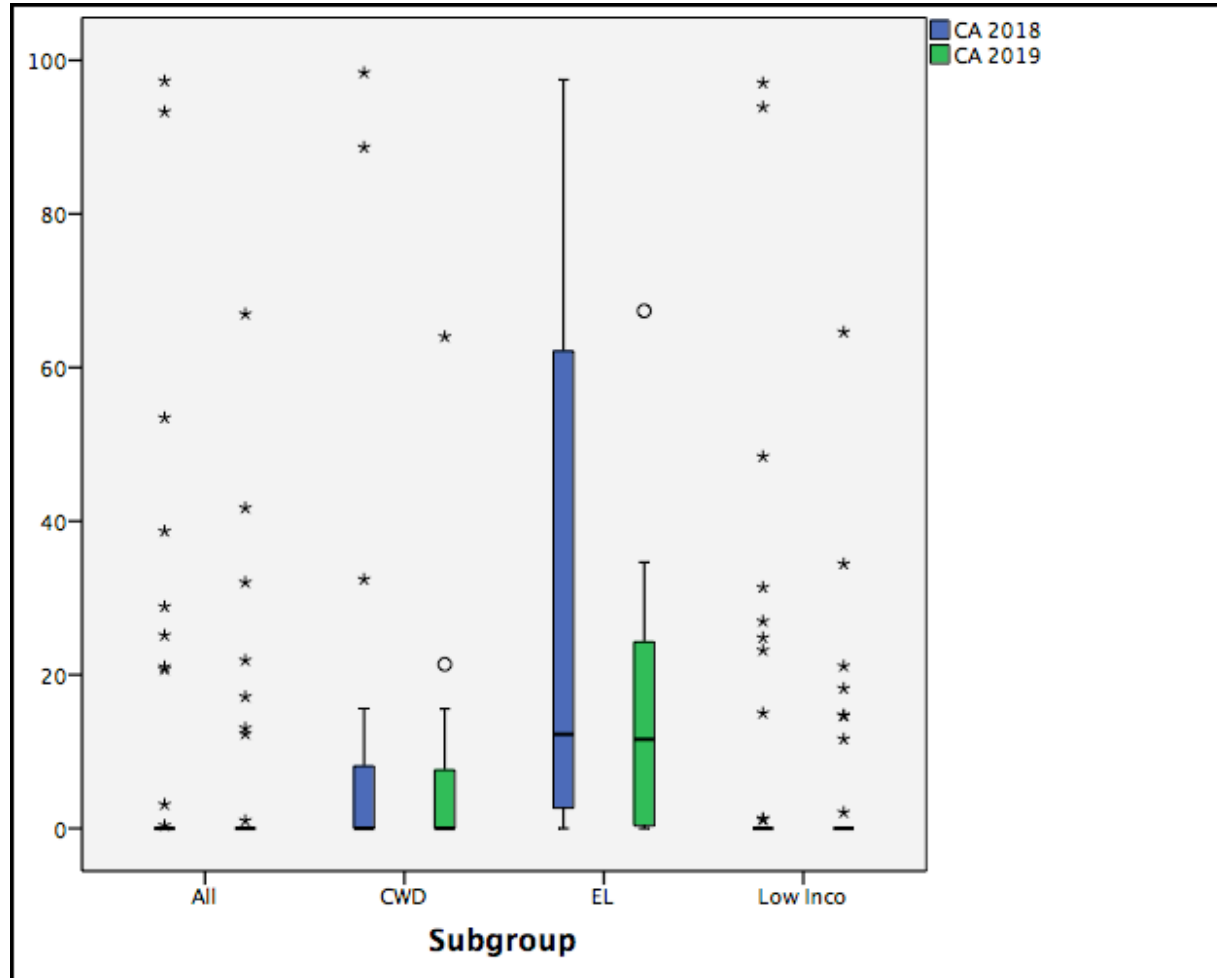
## Low Performing High Schools by Selected Group



Subgroup	Mean	N	Std. Deviation
All	7.25	17	13.394
CWD	15.19	8	11.289
EL	9.89	12	9.906
Low Income	5.51	15	13.784

# Chronic Absenteeism 2018 to 2019

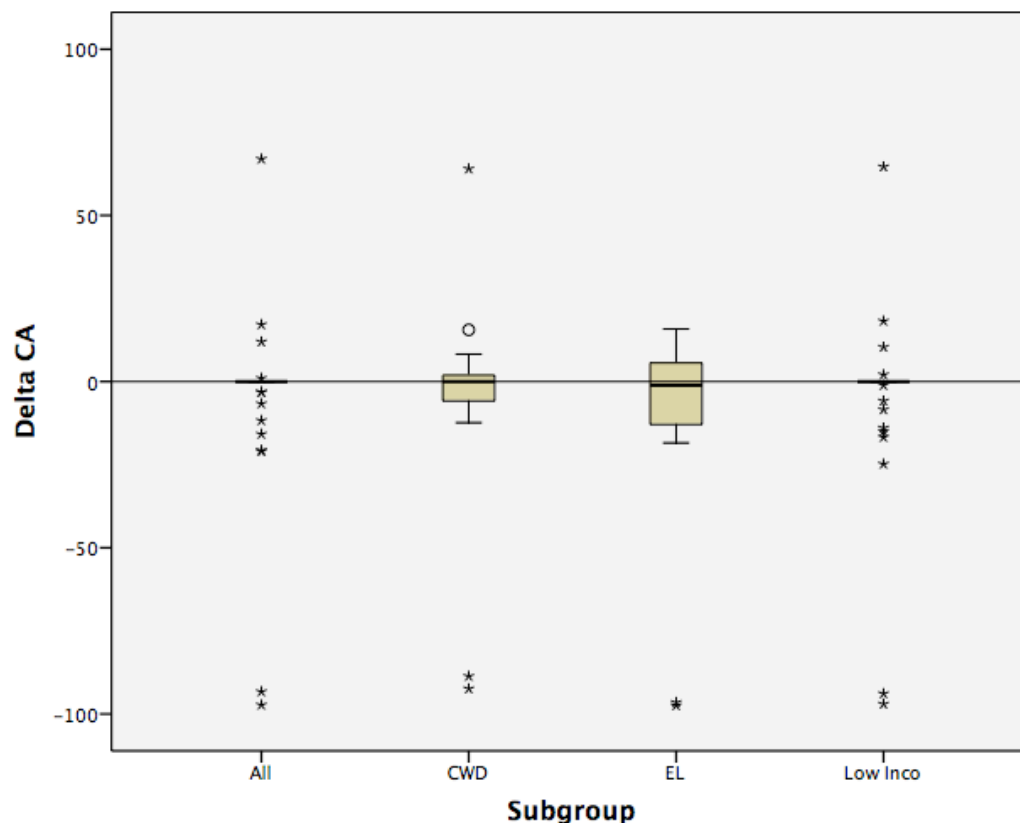
## Low Performing High Schools by Selected Group



Subgroup		CA 2018	CA 2019
All	Mean	8.640833	4.68
	N	48	44
	Std. Deviation	21.8127592	13.1
CWD	Mean	12.971	6.88
	N	20	20
	Std. Deviation	28.6898557	14.683
EL	Mean	32.15	16.57
	N	12	12
	Std. Deviation	37.6271205	19.862
Low Income	Mean	8.418723	4.12
	N	47	44
	Std. Deviation	21.5694265	11.771

# Chronic Absenteeism Delta 2018 to 2019

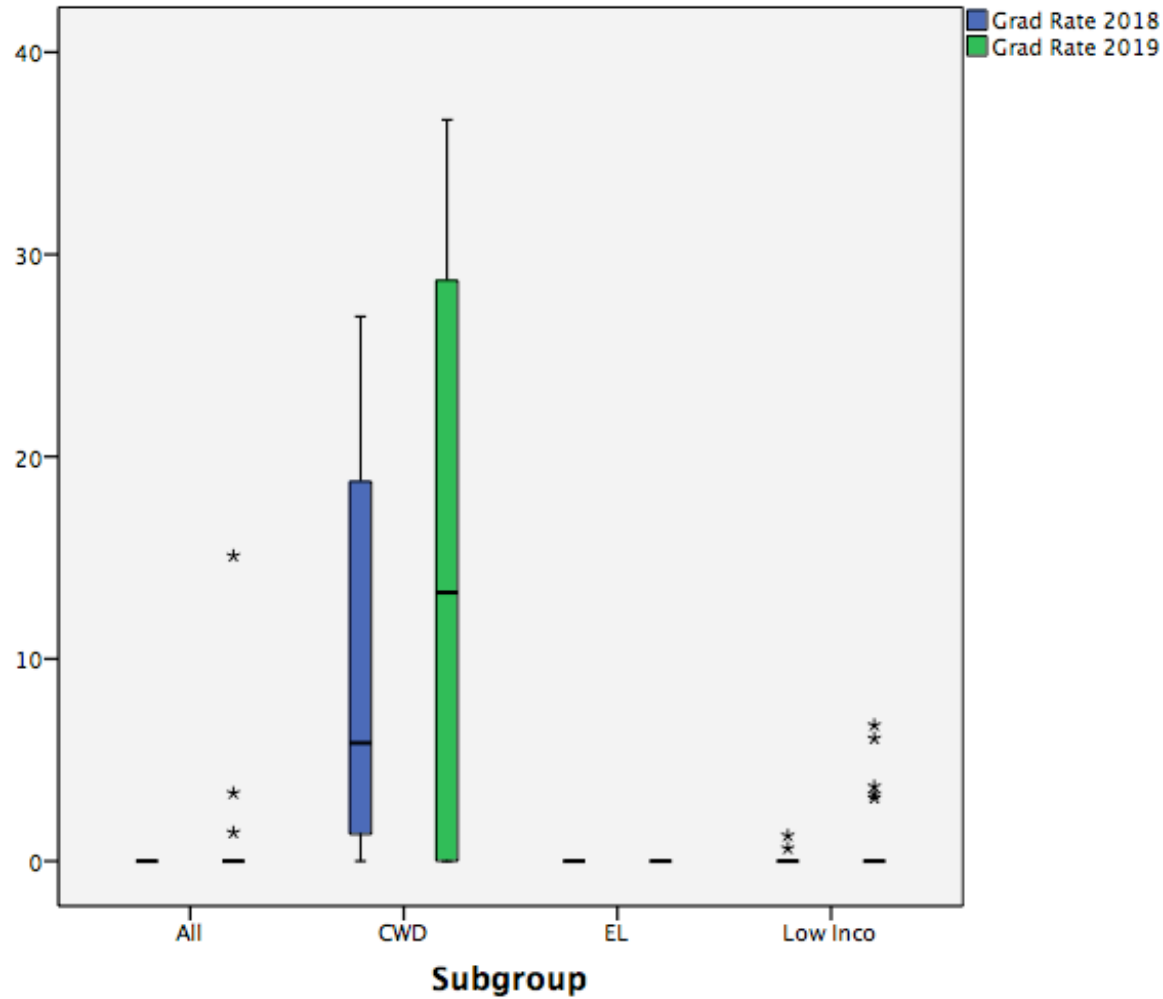
## Low Performing High Schools by Selected Group



Subgroup	Mean	N	Std. Deviation
All	-4	44	23.481
CWD	-6.09	20	32.832
EL	-15.58	12	38.973
Low Income	-4.13	44	23.389

# Graduation Rate Comparison 2018 to 2019

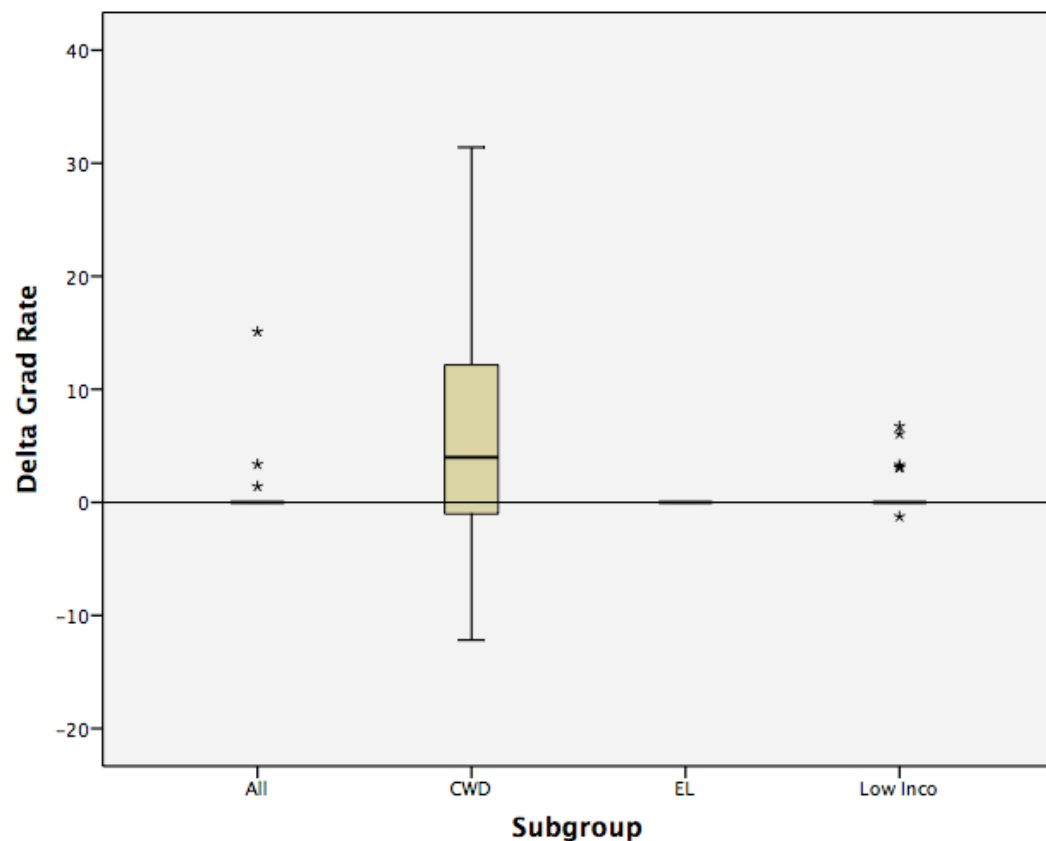
## Low Performing High Schools by Selected Group



Subgroup		Grad Rate 2018	Grad Rate 2019
All	Mean	0	0.45
	N	48	44
	Std. Deviatio	0	2.323
CWD	Mean	9.55	15.45
	N	20	20
	Std. Deviatio	9.423	13.503
EL	Mean	0	2.42
	N	10	11
	Std. Deviatio	0	8.032
Low Income	Mean	0.04	0.52
	N	47	44
	Std. Deviatio	0.204	1.557

# Graduation Rate Delta 2018 to 2019

## Low Performing High Schools by Selected Group

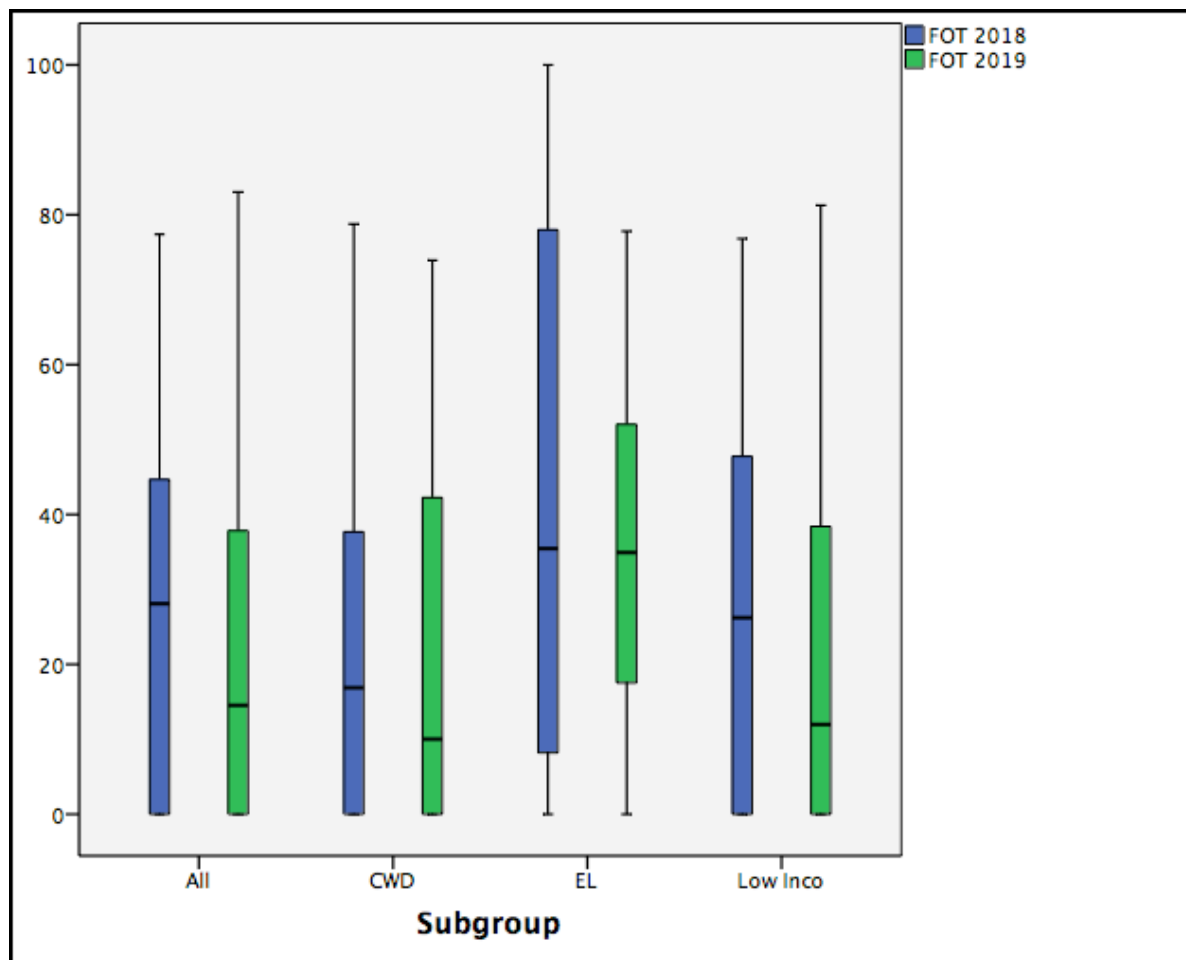


Delta Grad Rate			
Subgroup	Mean	N	Std. Deviation
All	0.45	44	2.323
CWD	5.9	20	10.365
EL	0	10	0
Low Income	0.48	44	1.551



# Freshmen on Track 2018 to 2019

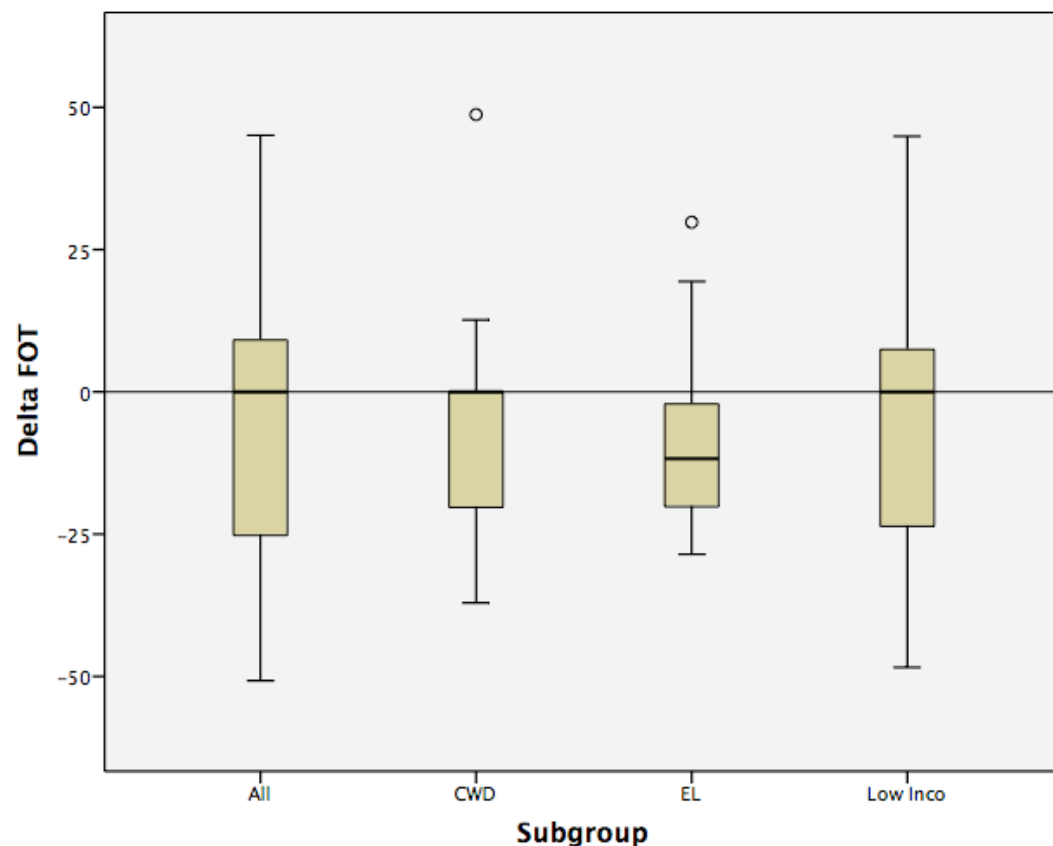
## Low Performing High Schools by Selected Group



Subgroup		FOT 2018	FOT 2019
All	Mean	26.08	22.13
	N	32	28
	Std. Deviatio	26.869	25.31
CWD	Mean	27.6	21.9
	N	16	16
	Std. Deviatio	29.346	23.735
EL	Mean	45.41	35.53
	N	11	10
	Std. Deviatio	34.148	27.043
Low Income	Mean	27.56	22.31
	N	31	28
	Std. Deviatio	27.594	25.358

# Freshmen on Track Delta 2018 to 2019

## Low Performing High Schools by Selected Group



Delta FOT			
Subgroup	Mean	N	Std. Deviation
All	-5.27	28	26.634
CWD	-4.8	15	20.602
EL	-7.4	10	19.014
Low Income	-5.62	28	25.309

## Observations

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- General improvement observed for ES, especially for growth, which carries substantial weight
- Overall declines in HS attributed to flat or declining graduation rate and proficiency
- Chronic absenteeism is flat or decline for ES and HS
- EL Progress to Proficiency is flat or declining ES but improvements are observed in HS
- Gains in proficiency and growth were more modest for students with disabilities in ES; but this trend did not persist in HS

# Questions/ Discussion

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- What other trends or insights do the TAC think are notable?
- Do the analyses suggest any deeper scrutiny into model specifications or business rules are warranted?
- What additional analyses should ISBE consider to continue their cycle of ongoing research, review, and improvement?