Understanding Significant Disproportionality Implementing the New Regulation

FY20 Data Conference
Classic Center, Athens, GA
August 21-23, 2019
Carol Seay, EdD
Part B Data Manager, GaDOE

Priorities for 2019-2020

- **STUDENTS FIRST**
  - Specially Designed Instruction
  - IEP Services and Supports
  - Self Determination Skills
- **TEACHERS FIRST**
  - Equity
  - Efficacy
  - Excellence
- **LEADERS FIRST**
  - Intentional (Data-driven decision making)
  - Inclusive
- **FAMILIES FIRST**
  - Engaging and Effective Home-School Partnerships

What is Significant Disproportionality?

Significant Disproportionality exists when students in one racial/ethnic group are more likely to be

- *identified as a student with a disability*
- *identified as a student with a particular disability*
- *placed in more restrictive settings, while identified as a SWD*
- *suspended or expelled while identified as a SWD*

at a higher rate than students in other racial/ethnic groups

New Federal Regulation

- Federal Regulation became law in December 2016
  - Implementation date July 2018

- Education Department (Federal ED) **had** delayed the **required implementation** for 2 years (July 2020)
  - The ED delay was "vacated" by a Federal judge

- May 20, 2019: The (Federal) Department expects States to calculate significant disproportionality for the 2018–2019 school year using the 2016 rule's standard methodology, or to recalculate using the 2016 rule's standard methodology if a different methodology has already been used for this school year.
  - Georgia did not re-issue FY19 Disproportionality Determinations

Categories of Analysis and Methodology

Categories of Analysis

Identification:

- The identification of children ages 6 - 21 as children with disabilities;
- The identification of children ages 6 - 21 as children with the following impairments:
  - Intellectual Disabilities
  - Specific Learning Disabilities
  - Emotional Disturbance
  - Speech or Language Impairments
  - Other Health Impairments
  - Autism

Children ages 3-5 will be included at a later date

Categories of Analysis

Placement:

- Placements of children with disabilities ages 6 - 21, inside a **regular class < 40% of the day**
- Placements of children with disabilities ages 6 - 21, inside separate schools and residential facilities* (**Separate Settings**), not including homebound or hospital settings, correctional facilities, or private schools

*IEP placed only

Categories of Analysis

Discipline:

- SWD ages 3 – 21, Total Disciplinary Removals:
  - ISS, OSS, expulsions, removals by school personnel to an interim alternative education setting, and removals by a hearing officer

- SWD ages 3 – 21, ISS and OSS, ≤ 10 days, > 10 days
  - Four Discrete Calculations
    - ISS ≤ 10 days
    - ISS > 10 days
    - OSS ≤ 10 days
    - OSS > 10 days

Categories of Analysis

Categories of Analysis are applied to each of the 7 racial/ethnic groups:

- Hispanic

- American Indian/Alaska Native

- Asian

- Black

- Pacific Islander/Native Hawaiian

- White

- Two or More Races

**Resulting in 98 calculations:
14 categories,
7 racial/ethnic groups
14 x 7 = 98**

Methodology

- Risk Ratio (RR)
  - Comparison of 2 risks (one racial/ethnic group compared to all other racial/ethnic groups)
  - Risk Ratio Threshold of 3.0
- Cell size
  - Minimum of 10
  - Numerator in the calculation of Risk Ratio
- N-size
  - Minimum of 30
  - Denominator in the calculation of Risk Ratio
- 3 Year 'look'
  - District must have a RR of ≥ 3.0 for 3 consecutive years to be considered Significantly Disproportionate

Risk Ratio

Risk Ratio compares 2 Risks

- Calculate a **Risk:** a proportion expressing likelihood (most of us recognize this as a percentage)

Risk of Hispanic children being identified as SWD:

$$\frac{40 \text{ Hispanic children identified as SWD}}{200 \text{ total Hispanic children in the LEA}}$$

Risk of Hispanic child identified as a child with a disability = 40/200 = .20 or **20%**

Risk

Risk of ALL Other Race children being identified as SWD:

$$\frac{200 \text{ All Other Race children identified as SWD}}{2{,}000 \text{ total All Other Race children in the LEA}}$$

Risk of All Other Race children identified as a child with a disability = 200/2,000 = .10 or **10%**

Risk Ratio

Risk Ratio: A *comparison of **risks***: likelihood of an outcome for one group vs. the same outcome for all others in the LEA ('all others' is the comparison group)

$$\frac{\frac{\text{40 Hispanic children identified as SWD}}{\text{200 total Hispanic children in the LEA}}}{\frac{\text{200 all other race/ethnicity identified as SWD}}{\text{2,000 all other race/ethnicity children in the LEA}}}$$

Risk Ratio: (**40**/**200**) / (**200**/**2,000**) = 0.2 / 0.1 = **2.0**

GaDOE
Georgia Department of Education

Cell Size

If a school district has fewer than 10 students in a racial ethnic group that is being examined for significant disproportionality, that group will not be considered

Example:

Race/ethnicity	Total Disciplinary Removals	Cumulative SWD Enrollment	Risk Ratio
American Indian	2	3	→ **6.098**
Black	86	668	1.365
Hispanic	5	85	0.5170
2 or more races	4	50	0.7168
White	60	608	0.8271

Even though the Risk Ratio for American Indian is > 3.0, the **cell size** is < 10 therefore American Indian will not be 'considered'. This district is not Significantly Disproportionate for Total Disciplinary Removals

N-Size

If a school district has fewer than 30 students enrolled in a racial ethnic group that is being examined for significant disproportionality, that group will not be considered

Example:

Race/ethnicity	Total Disciplinary Removals	Cumulative SWD Enrollment	Risk Ratio
American Indian	14	13	➡️ 4.0959
Asian	2	53	.01391
Black	293	669	2.0708
Pacific Islander	0	4	0
Two of More Races	25	168	.05421
White	358	1572	.07131

Even though the Risk Ratio for American Indian is > 3.0, the **N-size** is < 30 therefore American Indian will not be 'considered'. This district is _not_ Significantly Disproportionate for Total Disciplinary Removals

Dashboard Example

This LEA will not be considered Significantly Disproportionate

The Risk Ratio is ≥ 3.0, however:

- The cell size is too small, < 10

- The n-size is too small, < 30

No Significant Disproportionality

Race/Ethnicity	Total Disciplinary Removals	Cumulative SWD Enrollment	Risk Ratio
American Indian	6	1	21.1263
Asian	0	1	0
Black	56	114	1.9509
Hispanic	4	26	0.516
Pacific Islander	2	2	3.4433
Two or More Races	30	44	2.5712
White	98	482	0.39
American Indian	175	515	0.8999
Asian	401	4721	0.2216
Black	52940	95807	2.0978
Hispanic	9487	35000	0.6855
Pacific Islander	98	186	1.3961
Two or More Races	3295	9001	0.9686
White	25257	97552	0.5663

Cell Size

A cell size of 10 is also used for the **comparison group**. If the cell size for ***all other races*** is less than 10 the district will be compared to State Data (Alternate Risk Ratio), not to itself.

Example:

Race/ethnicity	Total Disciplinary Removals	Cumulative SWD Enrollment	Risk Ratio
Asian	0	1	0.00
Black	20	180	**7.092**
Hispanic	0	68	0.0
2 or More Races	1	19	1.452
White	5	292	0.220

When compared to itself, this district has a **Risk Ratio** > 3.0, however the comparison group is less than 10 (0+0+1+5 = 6) so this district will be compared to state data, (Alternate Risk Ratio). This district's Risk Ratio when compared to the state is **2.169**, *not* Significantly Disproportionate.

N-Size

The N-size of 30 is also used for the comparison group.

If the N-size (enrollment) for ***all other races*** is less than 30 the district will be compared to State data, not to itself (Alternate Risk Ratio)

This will rarely happen in Georgia; if the N-size is < 30, the cell size is likely < 10.

Race/ethnicity	Discipline Event Count	Cumulative SWD Enrollment	Risk Ratio
Black	95	154	➡ **6.168**
Hispanic	0	3	0.0
Two or more races	1	2	0.852
White	0	5	0.0

This comparison group in this district does not meet the **N-size** of 30 (**3+2+5** = **10**), nor does it meet the **cell size** of 10 (**0+1+0** = **1**).
This LEA will be compared to the State data (Alternate Risk Ratio); ARR = **2.277**

3 Years of Data; Data Source

A district will receive a determination of Significant Disproportionality when the Risk Ratio is ≥ 3.0 for 3 consecutive years

For FY20 Determinations (made in December 2019)

Placement and Identification (FTE):
- SY2017-18 (calculated with **old** methodology)
- SY2018-19 (calculated with **new** methodology)
- SY2019-20 (calculated with **new** methodology)

A district's data for each of these 3 years must reveal a Risk Ratio of ≥ 3.0 for the district to be Significantly Disproportionate

Discipline (Student Record):
- SY2016-17 (calculated with **old** methodology, Duration and Type)
- SY2017-18 (calculated with **old** methodology, Duration and Type)
- SY2018-19 (calculated with **new** discrete calculations methodology)

Federal Regulation for Significant Disproportionality

New Federal Regulation	Georgia's Implementation
Categories: Identification, Placement & Discipline	**Categories**: Identification, Placement & Discipline
Methodology is Risk Ratio: Threshold of 3.0, Minimum Cell size, numerator: 10; Minimum N-Size (denominator): 30	**Methodology is Risk Ratio**: Threshold of 3.0, Minimum Cell size, numerator: 10; Minimum N-Size (denominator): 30
Alternate Risk Ratio when comparison group is too small (Cell < 10, N < 30)	**Alternate Risk Ratio** when comparison group is too small (Cell < 10, N < 30)
SWD ages: 3-21 for Discipline **SWD ages:** 6-21 Identification and Placement	**SWD ages:** Discipline, 3-21 **SWD ages:** Identification and Placement, 6-21
Discipline: Total Disciplinary Removals and individual calculations of ISS and OSS by length of removal (5 separate measures)	**Discipline**: Total Disciplinary Removals and individual calculations of ISS and OSS by length of removal (5 separate measures)
Identification: SWD, 6 specific categories	**Identification:** SWD, 6 specific categories
Placement, 2 categories: 1.) < 40% in general education setting, 2.) separate settings	**Placement,** 2 categories: 1.) < 40% in general education setting, 2.) separate settings
CCEIS (Comprehensive CEIS): 15% of IDEA funds for students with & without disabilities ages 3-21	**CCEIS:** 15% of IDEA funds for students with & without disabilities ages 3-21
Reasonable Progress: Using 3 years of data demonstrating a lower Risk Ratio, yet still RR > 3.0	**Reasonable Progress:** N/A for FY20

Identification

Identification

Risk Ratio: A comparison of risks: likelihood of a child in one racial/ethnic group being identified as SWD vs. a child in all other racial/ethnic groups in the LEA

$$\frac{\dfrac{\text{\# of Black children identified as SWD (ages 6-21)}}{\text{\# of Black children enrolled in the district (ages 6-21)}}}{\dfrac{\text{\#of All other races (not Black) children identified as SWD}}{\text{\# of All other races (Not Black) children enrolled in the district}}}$$

Identification, Categories

Risk Ratio: A comparison of risks: likelihood of a student in one racial/ethnic group in an LEA being identified in a specific category vs. a student in all other racial/ethnic groups in the LEA being identified in the same specific

$$\frac{\dfrac{\text{# of White identified OHI (ages 6-21)}}{\text{# of White children enrolled in the district (ages 6-21)}}}{\dfrac{\text{#of All other races (not White) identified OHI}}{\text{# of All other races (Not White) children enrolled in the district}}}$$

Identification: Example, All Disabilities

Race/Ethnicity	SWD	Total Enrollment
Alaskan/American Indian	3	19
Asian	14	376
Black	1,537	15,595
Hispanic	106	1,018
Multi-racial	59	503
Pacific Islander	1	15
White	437	3,886
TOTAL	2,157	21,412

Hispanic: 106/1,018 = .104 or 10.4%
All others: 2,051/ 20,394 = .100 or 10%
Risk Ratio: .104/.100 = 1.04

Identification, Specific Category

Race	AU	EBD	ID	OHI	SLD	SLI	All Disabilities	Total Enrollment
Alaskan/ American Indian	0	0	1	0	1	0	2	12
Asian	0	0	0	0	1	1	3	28
Black	7	8	28	20	98	12	190	964
Hispanic	8	2	15	8	94	19	163	1,536
Multi-racial	2	3	1	8	23	6	50	347
Pacific Islander	0	0	0	0	0	0	0	0
White	31	32	53	97	245	95	590	4,076

Black ID: **28/964** = **.0290** or 2.9%

Not Black, ID: **70**/**5,999** = **.0116** or 1.16%

Risk Ratio: **.0290**/**.0116** = **2.5**

GaDOE
Georgia Department of Education

Identification, Specific Category

Race	AU	EBD	ID	OHI	SLD	SLI	All Disabilities	Total Enrollment
Alaskan/ American Indian	0	0	0	0	0	0	0	0
Asian	0	0	0	0	0	0	0	0
Black	4	7	50	6	32	2	124	1,187
Hispanic	0	0	1	0	4	3	11	131
Multi-racial	1	0	0	0	0	0	3	30
Pacific Islander	0	0	0	0	0	0	0	0
White	7	2	11	11	20	11	66	646

Black ID: **50/1,187** = **.0421**

Not Black, ID: **12**/**807** = **.0148**

Risk Ratio: **.0421**/**.0148** = **2.84**

Please note:
- White AU would not be considered in this LEA because the cell size is 7

- Black OHI would not be considered in this LEA because the cell size is 6

Identification, Specific Category

Race	AU	EBD	ID	OHI	SLD	SLI	All Disabilities	Total Enrollment
Alaskan/ American Indian	0	0	0	0	0	0	0	0
Asian	0	0	0	0	0	0	0	0
Black	2	5	15	20	41	6	98	405
Hispanic	1	1	4	9	13	6	39	246
Multi-racial	1	2	0	1	7	2	15	74
Pacific Islander	0	0	0	0	0	0	0	0
White	11	5	15	30	42	31	152	1,151

Black ID: **15/405** = **.03703**
Not Black, ID: **19**/**1,471** = **.01291**
Risk Ratio: .03703/.01291 = 2.868

Black OHI: **20**/**405** = **.04938**
Not Black OHI: **40**/ **1,471** = **.02719**
Risk Ratio: .04938/.02719 = 1.816

Data Source: Identification

- FTE1 – Federal Child Count

- Viewing your numbers:
  - FT042: Special Education Enrollment by Race/Ethnicity Ages 6-21
    - Disability count by race/ethnicity

Primary Area of Disability		Enrollment by Race/Ethnicity for Students Ages 6-21							
		Ethnicity Hispanic	Race						Total Enrollment
code	Area		American Indian	Asian	Black	Pacific Islander	White	Two or More Races	
P	Mild Intellectual Disability	0	0	0	11	0	0	0	11
Q	Moderate Intellectual Disability	0	0	0	4	0	0	0	4
R	Severe Intellectual Disability	0	0	0	0	0	0	0	0
S	Profound Intellectual Disability	0	0	0	0	0	0	0	0
T	Emotional/Behavioral Disorder	0	0	0	9	0	0	0	9
U	Specific Learning Impairment	0	0	0	28	0	0	1	29
V	Orthopedic Impairment	0	0	0	0	0	0	0	0
W	Hearing Impairment	0	0	0	0	0	0	0	0
X	Deaf	0	0	0	0	0	0	0	0
Y	Other Health Impairment	0	0	0	13	0	1	1	15
Z	Visual Impairment	0	0	0	0	0	0	0	0
1	Blind	0	0	0	0	0	0	0	0
2	Deaf and Blind	0	0	0	0	0	0	0	0
3	Speech/Language Impairment	0	0	0	10	0	1	0	11
6	Autism	0	0	0	2	0	0	0	2
7	Traumatic Brain Injury	0	0	0	0	0	0	0	0
8	Significant Developmental Delay	0	0	0	16	0	0	0	16
	Total	0	0	0	93	0	2	2	97

FT042

Primary Area of Disability		Enrollment by Race/Ethnicity for Students Ages 6-21						
			Race				
code	Area	Ethnicity Hispanic	American Indian	Asian	Black	Pacific Islander	White
P	Mild Intellectual Disability	0	0	0	11	0	0
Q	Moderate Intellectual Disability	0	0	0	4	0	0
R	Severe Intellectual Disability	0	0	0	0	0	0
S	Profound Intellectual Disability	0	0	0	0	0	0
T	Emotional/Behavioral Disorder	0	0	0	9	0	0
U	Specific Learning Impairment	0	0	0	28	0	0
V	Orthopedic Impairment	0	0	0	0	0	0
W	Hearing Impairment	0	0	0	0	0	0
X	Deaf	0	0	0	0	0	0
Y	Other Health Impairment	0	0	0	13	0	

Dashboard: Dispro Application

FY19 Determination

Disability Area	Race/Ethnicity	Disability Count	District Enrollment	Risk Ratio
All Disabilities	Black	93	636	1.2455
All Disabilities	Two or More Races	2	13	1.0494
All Disabilities	White	2	7	1.9669
Autism	Black	2	636	0.2508
Emotional and Behavioral Disorder	Black	9	636	2.7563
Intellectual Disabilities	Black	15	636	3.108
Other Health Impairment	Black	13	636	0.9998
Other Health Impairment	Two or More Races	1	13	3.5604
Other Health Impairment	White	1	7	6.6735
Specific Learning Disability	Black	28	636	0.9823
Specific Learning Disability	Two or More Races	1	13	1.7802
Speech-Language Impairment	Black	10	636	0.9992
Speech-Language Impairment	White	1	7	12.102

*Data Source: 2018 October FTE1 Data Collection

Placement

Placement

Risk Ratio: A comparison of risks: likelihood that a child in one racial/ethnic group will be receive services in a specific setting vs. a child in all other racial ethnic groups in the LEA receiving services in that same setting

$$\frac{\dfrac{\text{\# of Black SWD in Separate Settings}}{\text{\# of Black SWD in the district}}}{\dfrac{\text{\#of All other races (not Black) SWD in Separate Settings}}{\text{\# of All other races (not Black) SWD in the district}}}$$

GaDOE
Georgia Department of Education

Placement Example

Race/ethnicity	< 40% in General Education	Separate Settings	# of SWD in LEA
Alaskan/ American Indian	0	0	1
Asian	1	0	11
Black	41	28	1,055
Hispanic	13	2	263
Multi-racial	0	0	52
Pacific Islander	0	0	0
White	6	5	270

< 40% in General Education, Black:
Black: **41**/**1,055** = .**0388**
All Other: **20**/**597** = **.0335**
Risk Ratio: .**0388**/**.0335** = **1.158**

Separate Settings, Black:
The comparison group is too small:
- **2** + **5** = 7
- The comparison group must be > 10
- *This LEA will be compared to State Data (Alternate Risk Ratio)*

Placement Example

Race/ethnicity	< 40% in General Education	Separate Settings	# of SWD in LEA
Alaskan/ American Indian	0	0	3
Asian	6	0	14
Black	290	128	1,543
Hispanic	19	1	106
Multi-racial	11	1	59
Pacific Islander	0	1	1
White	80	42	441

< 40% in General Education, White:
White: 80/441 = .1814
All other: 326/1,726 = .1888
Risk Ratio: .1814/ .1888 = .9608

Separate Settings, White:
White: 42/441 = .0952
All other: 131/1,726 = .07589
Risk Ratio: .0952 / .07589 = 1.2544

GaDOE
Georgia Department of Education

Placement Example

Race/ethnicity	< 40% in General Education	Separate Settings	# of SWD in LEA
Alaskan/ American Indian	0	0	3
Asian	6	0	14
Black	290	128	1,543
Hispanic	19	1	106
Multi-racial	11	1	59
Pacific Islander	0	1	1
White	80	42	441

< 40% in General Education, Black:
Black: **290**/**1,543** = .18794
All other: **116**/**624** = . 18589
Risk Ratio: 1.011

Separate Settings, Black:
Black: **128**/**1,543** = .0829
All other: **45**/**624** = .07211
Risk Ratio: 1.149

Placement Example

Placement environment	Race/ethnicity	Environment Race/ethnicity Count	District Enrollment	Risk Ratio
< 40% in gen ed	Black	10	425	1.5063
< 40% in gen ed	Multi-racial	1	63	0.8662
< 40% in gen ed	White	3	681	0.2149
Separate settings	Black	8	425	**11.6564**
Separate settings	Hispanic	1	50	**8.5523**
Separate settings	White	2	681	1.2744

Georgia's **cell size** (numerator) = 10
This LEA does <u>not meet</u> the cell size for Black or Hispanic in Separate Settings so they will not be considered even though the **Risk Ratio** is > 3.0.

Discipline

Educating Georgia's Future *by graduating students who are ready to learn, ready to live, and ready to lead.*

Total Disciplinary Removals

Georgia Department of Education

Discipline

Discipline Calculations:

- Total Disciplinary Removals
  - An incident count
  - Not a student count
- ISS and OSS Discrete Calculations
  - A student count
  - # of students with ISS ≤ 10 days
  - # of students with OSS ≤ 10 days
  - # of students with ISS > 10 days
  - # of students with OSS > 10 days

Georgia will transition from "Duration and Type" to the Discrete calculations,
1 measure to 4 measures

Discipline: Total Disciplinary Removals (not a student count)

Risk Ratio: A comparison of risks: likelihood a child in one racial/ethnic group has a disciplinary removal vs. a child in all other racial ethnic groups in the LEA has a disciplinary removal

$$\frac{\text{\# of SWD Black disciplinary removals}}{\text{\# of SWD Black students in the district}}$$

$$\div$$

$$\frac{\text{\# of SWD All Other Races (not Black) disciplinary removals}}{\text{\# of SWD All Other Races (not Black) students in the district}}$$

Total Disciplinary Removals
(not a student count)

SIGNIFICANT DISPROPORTIONALITY - TOTAL DISCIPLINARY REMOVALS

FY19 Determination

District	Race/Ethnicity	Total Disciplinary Removals	Cumulative SWD Enrollment	Risk Ratio
	American Indian	0	2	0
	Asian	1	7	0.3407
	Black	157	201	4.5364
	Hispanic	4	14	0.6815
	Pacific Islander	0	0	0
	Two or More Races	3	31	0.2217
	White	44	248	0.2742
State of Georgia	American Indian	175	515	0.8999
State of Georgia	Asian	401	4721	0.2216
State of Georgia	Black	52940	95807	2.0978
State of Georgia	Hispanic	9487	35000	0.6855
State of Georgia	Pacific Islander	98	186	1.3961
State of Georgia	Two or More Races	3295	9001	0.9686
State of Georgia	White	25257	97552	0.5663

*Data Source: 2018 June SR Data Collection

Calculation

Black risk for disciplinary removals:

157 ÷ 201 = .78109

All other races risk for disciplinary removals

52 ÷ 302 = .17218

Risk Ratio: .78109 ÷ .07218 = 4.5364

In 2017-2018, this LEA reported 157 discipline incidents for Black SWD that resulted in a disciplinary removal of ISS or OSS and 52 discipline incidents for 'not Black' SWD that resulted in a disciplinary removal of ISS or OSS

This LEA has Significant Disproportionality for Black students for Total Disciplinary Removals because the Risk Ratio is ≥ 3.0 for 3 years

Alternate Risk Ratio

Georgia will use the ALTERNATE RISK RATIO when the comparison group is too small, meaning the cell size (10) or n-size (30) is not met
This LEA has only 2 students in the Comparison Group for Black SWD

SIGNIFICANT DISPROPORTIONALITY - TOTAL DISCIPLINARY REMOVALS

FY19 Determination

District		Race/Ethnicity	Total Disciplinary Removals	Cumulative SWD Enrollment	Risk Ratio
		American Indian	0	0	0
		Asian	0	1	0
		Black	66	96	2.6101
		Hispanic	0	9	0
		Pacific Islander	0	0	0
		Two or More Races	0	7	0
		White	2	27	0.1268
State of Georgia		American Indian	173	515	0.8999
State of Georgia		Asian	401	4721	0.2216
State of Georgia		Black	52940	95807	2.0978
State of Georgia		Hispanic	9487	35000	0.6855
State of Georgia		Pacific Islander	98	186	1.3961
State of Georgia		Two or More Races	3295	9001	0.9686
State of Georgia		White	25257	97552	0.5663

*Data Source: 2018 June SR Data Collection

ALTERNATE Risk Ratio:

RISK RATIO CALCULATION:

Black risk for disciplinary removals:

66 ÷ 96 = **.6875**

All other races risk for disciplinary removals

2 ÷ 44 = **.045454**

Risk Ratio: **.68780** ÷ **.045454** = **15.125**

ALTERNATE RISK RATIO CALCULATION:

Black risk for disciplinary removals:

66 ÷ 96 = **.6875**

STATE All other races risk for disciplinary removals:

38,713 ÷ 146,975 = **.26339**

Alternate Risk Ratio **.6875** ÷ **.26339** = **2.6101**

Discrete Calculations of ISS and OSS, ≤ 10 Days, > 10 Days

Discipline, ISS and OSS Discrete Calculations (a student count)

Risk Ratio: A comparison of risks: likelihood a student in one racial/ethnic group has received ISS > 10 days vs. students in all other racial ethnic groups in the LEA have received ISS > 10 days

$$\frac{\text{\# of 2 or More Races SWD with ISS > 10 days}}{\text{\# of 2 or More Races SWD in the district}}$$

$$\div$$

$$\frac{\text{\# of All other races (not 2 or More Races) SWD with ISS > 10 days}}{\text{\# of All other races (not 2 or More Races) SWD in the district}}$$

Calculation

Black Risk for ISS ≤ 10 days:

61 ÷ 323 = .18885

All other races Risk for ISS ≤ 10 days:

11 ÷ 195 = .05641

Risk Ratio: .18885 ÷ .05641 = 3.3478

This LEA had 61 Black SWD who, for the entire 2018-2019 school year, had ≤ 10 days of ISS and 11 'not Black' SWD who had ≤ 10 days of ISS

Calculation

Black Risk for OSS > 10 days:

$107 \div 5{,}900 = .01813$

All other races Risk for OSS > 10 days:

$69 \div 11{,}424 = .00603$

Risk Ratio: $.01813 \div .00603 = 3.0066$

This LEA had 107 Black SWD who, for the entire 2018-2019 school year, had > 10 days of OSS and 69 'not Black' SWD who had > 10 days of OSS

Using the ALTERNATE RISK RATIO
(comparing to the State data)

RISK RATIO:

Black OSS > 10 Days:

74 ÷ 5,696 = .01299

All Other Races OSS > 10 Days:

9 ÷ 5,814 = .00154

Risk Ratio = .01299 ÷ .00154 = **8.435**

However…this LEA does not meet the cell size of 10 for the Comparison Group, only **9** other races SWD with OSS > 10 days

Using the ALTERNATE RISK RATIO
(comparing to the State data), continued

Black OSS > 10 Days:

Black Risk: 74 ÷ 5,696 = **.01299**

STATE DATA for All Other Races:

State All Other Risk: 283 ÷ 146,975 = **.00192**

Alternate Risk Ratio:

.01299 ÷ .00192 = 6.7656

Transitioning from Duration and Type to Discrete Calculations

For FY20 Determinations:

- 2 years of data using Duration and Type
  - 2016-2017, 2017-2018

- 1 year of data using Discrete Calculations
  - 2018-2019

From Duration and Type to Discrete Calculations: Example

LEA Data:

- FY18 Risk Ratio ≥ 3.0: Black Duration and Type

- FY19 Risk Ratio ≥ 3.0: Black Duration and Type

- FY20 Risk Ratio ≥ 3.0: Black ISS > 10 days

Yes

Significant Disproportionality

From Duration and Type to Discrete Calculations: Example

LEA Data:

• FY18 Risk Ratio ≥ 3.0: Black Duration and Type

• FY19 Risk Ratio ≥ 3.0: Black Duration and Type

• FY20 Risk Ratio ≥ 3.0: Hispanic OSS ≤ 10 days

No

Significant Disproportionality

Previewing your Data

Your SY 2017-2018 Discrete Calculation discipline data was shared with you by your District Liaison

- This calculation WILL NOT be used for your determination

- SY2017-2018 data calculated according to the Duration and Type methodology will be used for determinations this year (FY20 determination)

- Data was shared only to give you a "heads up"

Duration and Type Dashboard

| SWD Discrepancy - Indicator 4a | Race/Ethnicity Discrepancy - Indicator 4b | Significant Disproportionality - Total Disciplinary Removals |

| Significant Disproportionality - Duration and Type | Significant Disproportionality - Identification | Significant Disproportionality - Placement |

SIGNIFICANT DISPROPORTIONALITY - DURATION AND TYPE

FY19 Determination

District	Race/Ethnicity	Suspension Count	Value Added Suspension	Cumulative SWD Enrollment	Risk Ratio
	Black	299	438	823	3.0065
	Hispanic	8	11	82	0.3829
	American Indian	0	0	2	0
	Two or More Races	10	16	56	0.835
	Pacific Islander	1	1	4	0.734
	Asian	0	0	13	0
	White	93	143	809	0.3717
State of Georgia	Black	25698	41868	95807	2.1565
State of Georgia	Hispanic	4830	7214	35000	0.6646
State of Georgia	American Indian	85	138	515	0.9078
State of Georgia	Two or More Races	1646	2577	9001	0.969
State of Georgia	Pacific Islander	36	59	186	1.0749
State of Georgia	Asian	220	325	4721	0.2298
State of Georgia	White	13188	19471	97552	0.5555

*Data Source: 2018 June SR Data Collection

Disciplinary Count

FY18 (School Year 2017-2018) Discipline Removal Data; Reported in FY18 Student Record Discipline Counts used for Significant Disproportionality Calculations

| Race/ethnicity | INSCHOOL | | OUTOFSCHOOL | | Total |
	GREATER THAN 10 DAYS	LESS THAN OR EQUAL TO 10 DAYS	GREATER THAN 10 DAYS	LESS THAN OR EQUAL TO 10 DAYS	This is the number you will see as "Suspension Count" in the Special Education Dashboard.
Sample County					
American Indian	0	0	0	0	0
Asian	0	0	0	0	0
Black	6	168	1	124	299
Hispanic	0	5	0	3	8
Pacific Islander	0	1	0	0	1
Two or More Races	1	5	0	4	10
White	4	47	0	42	93

Risk Ratio

FY18 (School Year 2017-2018) Discipline Removal Data
Reported in FY18 Student Record; Significant Disproportionality Calculations

	INSCHOOL		OUTOFSCHOOL	
Race/ethnicity	**GREATER THAN 10 DAYS**	**LESS THAN OR EQUAL TO 10 DAYS**	**GREATER THAN 10 DAYS**	**LESS THAN OR EQUAL TO 10 DAYS**
Sample County				
American Indian	0	0	0	0
Asian	0	0	0	0
Black	1.5092	**3.3998**	0.631	2.9703
Hispanic	0	0.471	0	0.3674
Pacific Islander	0	1.9833	0	0
Two or More Races	**3.0946**	0.7001	0	0.7325
White	0.6169	0.3181	0	0.3884

Duration and Type Dashboard

No Sig Dispro; no RR ≥ 3.0

SIGNIFICANT DISPROPORTIONALITY - DURATION AND TYPE

FY19 Determination

District	Race/Ethnicity	Suspension Count	Value Added Suspension	Cumulative SWD Enrollment	Risk Ratio
	Black	1640	2756	5900	2.0477
	Hispanic	616	1004	3613	0.8743
	American Indian	6	10	40	0.8074
	Two or More Races	128	208	667	1.0078
	Pacific Islander	0	0	5	0
	Asian	28	44	479	0.291
	White	872	1340	6620	0.5387
State of Georgia	Black	25698	41868	95807	2.1565
State of Georgia	Hispanic	4830	7214	35000	0.6646
State of Georgia	American Indian	85	138	515	0.9078
State of Georgia	Two or More Races	1646	2577	9001	0.969
State of Georgia	Pacific Islander	36	59	186	1.0749
State of Georgia	Asian	220	325	4721	0.2298
State of Georgia	White	13188	19471	97552	0.5555

*Data Source: 2018 June SR Data Collection

Disciplinary Count

FY18 (School Year 2017-2018) Discipline Removal Data; Reported in FY18 Student Record Discipline Counts used for Significant Disproportionality Calculations

Race/ethnicity	INSCHOOL		OUTOFSCHOOL		Total
	GREATER THAN 10 DAYS	LESS THAN OR EQUAL TO 10 DAYS	GREATER THAN 10 DAYS	LESS THAN OR EQUAL TO 10 DAYS	This is the number you will see as "Suspension Count" in the Special Education Dashboard.
Sample County					
American Indian	0	2	0	4	6
Asian	2	14	0	12	28
Black	52	790	107	691	1640
Hispanic	26	318	32	240	616
Pacific Islander	0	0	0	0	0
Two or More Races	4	66	7	51	128
White	13	477	30	352	872

Risk Ratio

FY18 (School Year 2017-2018) Discipline Removal Data
Reported in FY18 Student Record; Significant Disproportionality Calculations

	INSCHOOL		OUTOFSCHOOL	
Race/ethnicity	**GREATER THAN 10 DAYS**	**LESS THAN OR EQUAL TO 10 DAYS**	**GREATER THAN 10 DAYS**	**LESS THAN OR EQUAL TO 10 DAYS**
Sample County				
American Indian	0	0.519	0	1.2841
Asian	0.7404	0.2978	0	0.3154
Black	2.2375	1.7442	**3.0026**	2.0303
Hispanic	1.3897	0.8946	0.8433	0.8205
Pacific Islander	0	0	0	0
Two or More Races	1.0741	1.0295	1.0344	0.9805
White	0.2502	0.6481	0.3322	0.5703

Reasonable Progress

Offering a holistic education to **each and every child** *in our state.*

New Regulation Option

Reasonable Progress

- A state is not required to identify an LEA as having significant disproportionality...until….

- The LEA has **exceeded the risk ratio** threshold

  and **has failed to demonstrate reasonable progress**, as **determined by the state,** in lowering the risk ratio or alternate risk ratio for the group and category in **each of the two prior consecutive years**

Reasonable Progress

- States must develop measures
- Set standards based on whether the progress realized by LEAs in lowering risk ratios represents a **meaningful benefit to children** in the LEA, **rather than statistical noise or chance**
- Requires 3 years of data
  - Must show a decrease in the Risk Ratio over a two-year period

Complex Measure

Possible Methods:

- Decrease Risk Ratio by set amount
  - Ex: 0.5, 0.25
- Percentage decrease in Risk Ratio
  - Ex.: 25%
- Percentage motion toward threshold
- Percentage motion toward 1.0

Implementing Reasonable Progress

- Stakeholder input

- Timing
    - Because the implementation of Reasonable Progress is associated with the New Regulation (new measures), GADOE will need 3 years of data with the new calculation to be able to calculate Reasonable Progress
    - Allows time to study the data and make the right decision for students and LEAs

More information to come regarding Reasonable Progress

CCEIS

Comprehensive Coordinated Intervening Services

CCEIS: Comprehensive Coordinated Early Intervening Services

LEAs found to be Significantly Disproportionate in any area (Identification, Placement, Discipline) are required to implement CCEIS:

- 15% of IDEA grant funds

- Include children ages 3-21

- Students without *and with** disabilities

- Focus on the underlying reason the LEA was found to be significantly disproportionate

* Districts found to be significantly disproportionate in FY20 (determination made in December 2019) will implement CCEIS in School Year 2020-2021 when they are required to spend 15% of their IDEA grant

CCEIS

Significantly Disproportionate	CCEIS plan Due	Student Data Due
FY20 Determination (December 2019)	**July 31, 2020**	July 31, 2021

CCEIS plan:
- Submitted to your GLRS and District Liaison for approval
- *Then* submitted in the CCEIS application
- The budget submitted with your plan is your proposed budget to allow GLRS and DL to make sure your budget aligns to your student activities
- **Submit your official CCEIS budget in the portal**

CCEIS

Significantly Disproportionate	CCEIS plan Due	Student Data Due
FY19 Determination (December 2018)	July 31, 2019	**July 31, 2020**

- CCEIS student data:
  - Exit all students
  - Select the correct exit reason (many may be "end of school year")
  - Complete audit of student data to ensure accurate reporting
    - Audit not available until after SR signoff
      - Data is compared to SR data submitted by your LEA

To Summarize

Significant Disproportionality

- Identification, Placement, Discipline

- Risk Ratio Methodology
  - Threshold 3.0
  - Alternate Risk Ratio if the comparison group is too small

- Cell size: 10

- N-size: 30

- 3 years Risk Ratio ≥ 3.0 to be Sig Dispro with consequences

- Reasonable Progress…

Addressing Disproportionality

- Ensure that policies, practices and procedures for identification of students as SWD are appropriate

- Ensure IEP teams are trained to make appropriate placement decisions

- Ensure discipline is appropriate; address school culture issues

- Monitor data

- Do the right thing for kids

Questions

Contact

Carol Seay

470-218-3244

cseay@doe.k12.ga.us