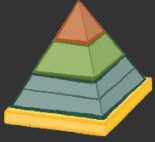


BIR Equity Profiles Report Documentation



Pyramid Model Implementation Data System

BIR Equity Profiles Report

Note: When referring to active children, active means that the child has an enrollment date that is before the end date of the report. It also means that the child is either not discharged or was discharged after the start date of the report.

This report allows a choice of BIR Profile Item and BIR Profile Group. Those choices affect the calculations inside the report and the way that the report displays. For example, if you select Race for the group and In-School Suspensions for the item, the report will show information about In-School Suspensions grouped by child race.

The following items are used throughout this documentation:

[Report Group] = The BIR Profile Group selected when running the report. Possible values are Race, Ethnicity, Gender, IEP, and DLL.

[Group Description] = The description of the group that appears in the report. For example, if the [Report Group] is Race, an example description would be Alaskan Native.

[Group Abbreviation] = The abbreviation for each group that appears in the report. For example, if the [Report Group] is Race, an example abbreviation would be AN for the Alaskan Native race group.

[Item] = The item selected when running the report. Possible values are BIR, ISS, OSS, and Dismissal.

[Item Description] = A description of the item selected when running the report. Possible values are Incident Frequency, In-School Suspensions, Out-of-School Suspensions, and Dismissals.

Definitions:

- **(ISS) In-School Suspension:** A BIR is classified as having an ISS if the 'Time in a different classroom or adult outside of classroom' option was selected for the strategy response **or** if the 'Temporary removal from classroom' option was selected for the Admin Follow-up.
- **(OSS) Out-of-School Suspension:** A BIR is classified as having an OSS if any of the following options selected for the Admin Follow-up: 'Sent home for remainder of day', 'Sent home for 1 or more days', or 'Reduce hours in program.'
- **Dismissal:** A BIR is classified as having a dismissal if either the 'Transfer to another program' or the 'Dismissal from program' options are selected for the Admin Follow-up.

Table of Contents

A list of links to different sections of the report and the page number for each section.

Guiding Question and Complex Item Descriptions

Guiding Question 1: *Are outcomes equitable for all groups?*

Child Comp: *The % of children who belong to a target group and also have at least one [Item].*

[Item] Ratio: *[Item] Rate for a target group divided by the [Item] Rate for all other children; 1.00 is equal.*

Guiding Question 2: *How big are the disparities?*

Risk Ratio: *A target group's risk of receiving a [Item] compared to all other children; 1.00 is equal.*

Difference in Child Comp: *Child Comp minus the Group's % of Enrollment; positive values suggest disproportionality.*

Difference in [Item] Comp: *% of [Item]s accounted for by children in a target group.*

Guiding Question 3: *How much of your focal group is affected by disproportionate discipline?*

Risk: *% of children in a target group who have at least one [Item].*

No Guiding Question:

Group's % of Enrollment: *The # of Children Enrolled in this group divided by the total number of enrolled children.*

[Item] Rate: *Total # of [Item]s from Group divided by the # of Children Enrolled for that group.*

[Item] Comp: *Total # of [Item]s from Group divided by the Total # of [Item]s for all other children.*

E Formula / Comp: *The upper bound of what would be expected given the size of the population.*

Total # of BIRs: *The total number of BIRs that fall within the start and end date of the report.*

Total # of Enrolled Children: *The total number of children that are active between the start and end date of the report.*

Total # of Children with BIRs: *The total number of children that are active between the start and end date of the report and also have at least one BIR during that time.*

[Report Group] Equity Profile for [Item Description]

					Guiding Question 1:	
	# of Children Enrolled	# of Children in Group with a(n) [Item]	Total # of [Item]s from Group	Group's % of Enrollment	Child Comp	[Item] Ratio
[Group Abbreviation]	<i>The number of active children in this group.</i>	<i>The number of active children in this group that also have at least 1 [Item].</i>	<i>The number of [Item]s that belong to children in this group.</i>	<i>The group's percent of total enrolled children.</i> Calculation: $[\# \text{ of Children Enrolled}] / [\text{Total \# of Enrolled Children}]$	<i>The child composition for the group.</i> Calculation: $[\# \text{ of Children in Group with a(n) [Item]}] / [\text{The total number of children with a(n) [Item]}]$	<i>The [Item] ratio for the group.</i> Calculation: $([\text{The total number of [Item]s across groups}] - [\text{Total \# of [Item]s from Group}]) / ([\text{The total number of active children}] - [\# \text{ of Children Enrolled}])$
Totals	<i>The total of this column.</i>	<i>The total of this column.</i>	<i>The total of this column.</i>	<i>The total of this column.</i>		

Guiding Question 2:					Guiding Question 3:
[Item] Rate	Risk Ratio	Difference in Child Comp	Difference in [Item] Comp	[Item] Comp	Risk
<i>The [Item] rate for the group.</i> Calculation: $[\text{Total \# of [Item]s from Group}] / [\# \text{ of Children Enrolled}]$	<i>The risk ratio for the group.</i> Calculation: $[\text{Risk}] / (([\text{The total number of children with a(n) [Item]}] - [\# \text{ of Children in Group with a(n) [Item]}]) / ([\text{Total \# of Enrolled Children}] - [\# \text{ of Children Enrolled}]))$	<i>The difference in the child composition for the group.</i> Calculation: $([\text{Child Comp}] - [\text{Group's \% of Enrollment}]) * 100$	<i>The difference in the [Item] composition for the group.</i> Calculation: $([\text{Item Comp}] - [\text{Group's \% of Enrollment}]) * 100$	<i>The [Item] composition for the group.</i> Calculation: $[\text{Total \# of [Item]s from Group}] / [\text{The total \# of [Item]s across all groups}]$	<i>The risk factor for the group.</i> Calculation: $[\# \text{ of Children in Group with a(n) [Item]}] / [\# \text{ of Children Enrolled}]$

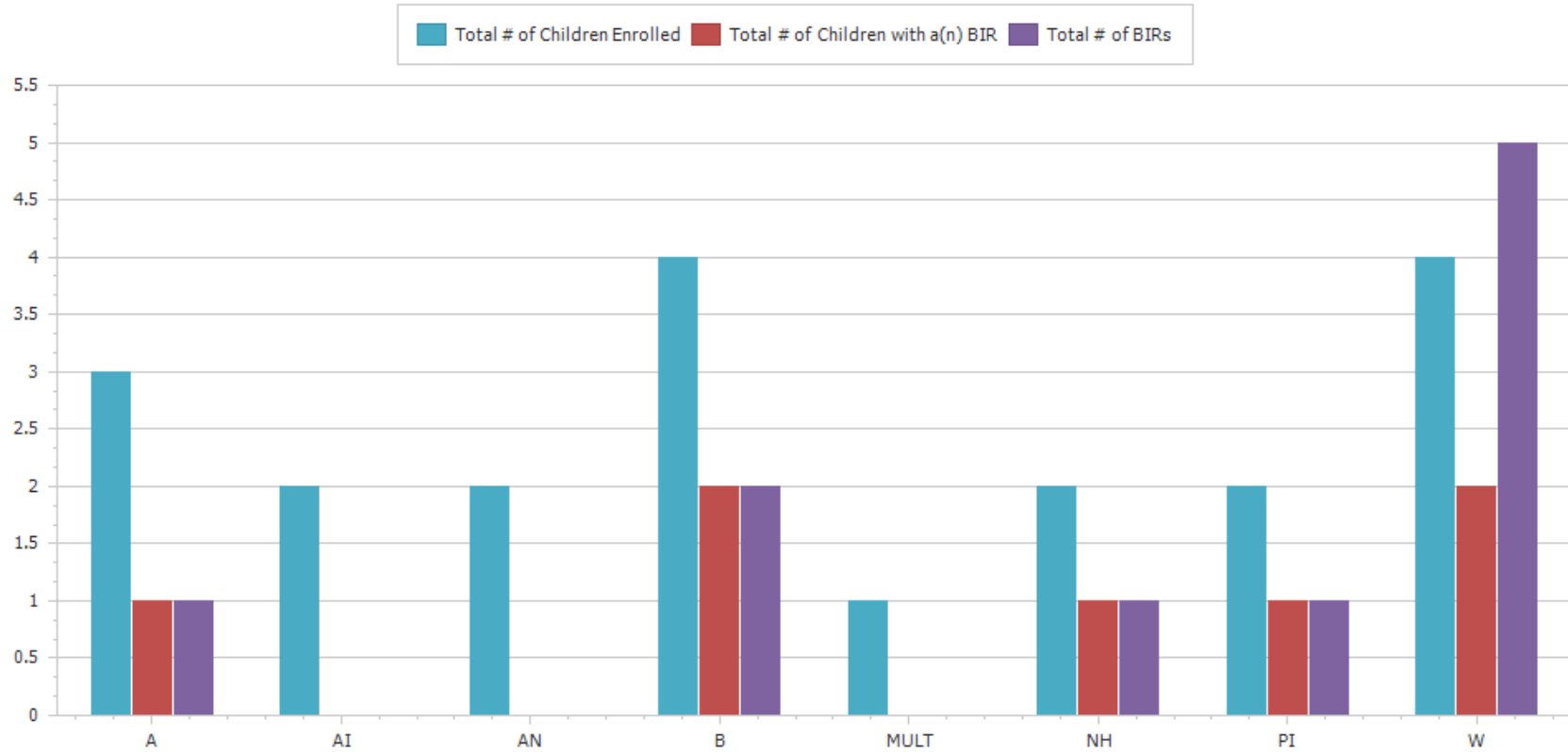
E-Formula / Comp	
<i>The upper bound of what would be expected given the size of the population.</i>	
Calculation:	$\sqrt{\text{Group's \% of Enrollment} * \frac{1 - \text{Group's \% of Enrollment}}{\text{The total number of children with a(n) [Item]}}}$

This next table repeats for each group.

	(([Group Abbreviation]) [Group Description])
Child Comp	<i>A sentence that describes this item.</i>
BIR Ratio	<i>A sentence that describes this item.</i>
BIR Rate	<i>A sentence that describes this item.</i>
Risk Ratio	<i>A sentence that describes this item.</i>
Difference in Child Comp	<i>A sentence that describes this item.</i>
Difference in BIR Comp	<i>A sentence that describes this item.</i>
BIR Comp	<i>A sentence that describes this item.</i>
Risk	<i>A sentence that describes this item.</i>

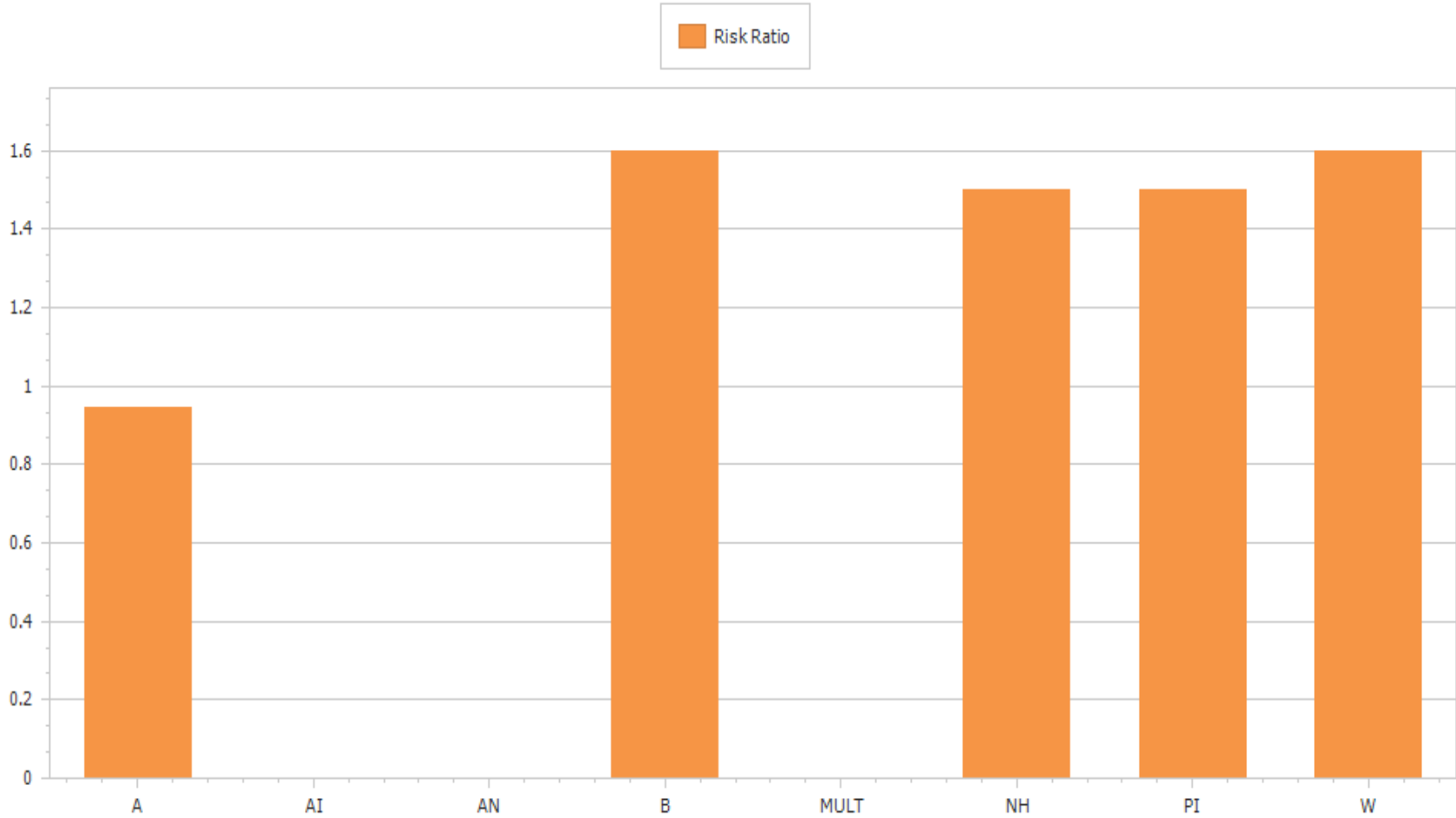
[Item Description] Information by [Report Group]

This chart displays information about the items and children covered in the report. The calculations for each chart element can be seen above.



[Item Description] Risk Ratio by [Report Group]

This chart displays information about the risk ratio. The calculation for the risk ratio can be seen above.



Criteria Used for this Report

The criteria selected when running this report

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Generated: *The date and time that the report was generated.*

Intent: This report displays information about BIR equity and can be used to analyze incident frequency, suspensions, and dismissals. Also, the analysis can be grouped by child demographics such as race, ethnicity, and gender to give a more detailed understanding of the data.

Criteria Name	Optional?	Description
Start Date	No	Only BIRs that occurred between the start date and the end date will be included in the report. This date is also used when determining which children are active. Children are active if they were enrolled before the end date and have not been discharged as of the start date.
End Date	No	Only BIRs that occurred between the start date and the end date will be included in the report. This date is also used when determining which children are active. Children are active if they were enrolled before the end date and have not been discharged as of the start date.
BIR Profile Group	No	This is used to set how this report will group its information. For example, if you select 'Race' for this criteria, then the report will display charts and tables that are grouped by the different races in the system.
BIR Profile Item	No	This is used to specify what information is displayed on the report. For example, if you select 'In-School Suspensions' for this criteria, then the report will display charts and tables that include information about In-School Suspensions.

Program(s), Hub(s), and Cohort(s)	No	<p>This filters both the BIRs and children included in the report. All programs, hubs, and cohorts that are selected will be combined into a distinct list of programs. This is accomplished by determining what programs exist in the selected hubs and cohorts, and then adding that list of programs to the list of specific programs that were selected by the user. After that, any duplicate programs in the combined list are removed. That de-duplicated list determines what BIRs and children are included in the report by requiring that children be enrolled in at least 1 of the programs and that BIRs be recorded by at least 1 of the programs.</p> <p>NOTE: Only certain users have access to the hub and cohort criteria. Most users will only have access to the program criteria and only have one option in that program list.</p>
Classroom(s)	Yes	<p>This filters both the BIRs and children included in the report. If any classrooms are selected, then only BIRs that are for the specified classrooms will be included. Also, only children that were assigned to the specified classrooms before the end date will be included in the report.</p> <p>If no classrooms are selected, then this criteria will not exclude any BIRs or children.</p>
Child(ren)	Yes	<p>This filters both the BIRs and children included in the report. If any children are selected, then only BIRs that are for the specified children will be included. Also, only children that have been selected will be included in the report.</p> <p>If no children are selected, then this criteria will not exclude any BIRs or children.</p>
Race(s)	Yes	<p>This filters both the BIRs and children included in the report. If any races are selected, then only BIRs for children of the specified races will be included. Also, only children of the specified races will be included in the report.</p> <p>If no races are selected, then this criteria will not exclude any BIRs or children.</p>
Ethnicity(ies)	Yes	<p>This filters both the BIRs and children included in the report. If any ethnicities are selected, then only BIRs for children of the specified ethnicities will be included. Also, only children of the specified ethnicities will be included in the report.</p> <p>If no ethnicities are selected, then this criteria will not exclude any BIRs or children.</p>

Gender(s)	Yes	<p>This filters both the BIRs and children included in the report. If any genders are selected, then only BIRs for children of the specified genders will be included. Also, only children of the specified genders will be included in the report.</p> <p>If no genders are selected, then this criteria will not exclude any BIRs or children.</p>
IEP Status	Yes	<p>This filters both the BIRs and children included in the report. If an IEP status is selected, then only BIRs for children that have the specified status will be included. Also, only children that have the specified status will be included in the report.</p> <p>If an IEP status is not selected, then this criteria will not exclude any BIRs or children.</p>
DLL Status	Yes	<p>This filters both the BIRs and children included in the report. If a DLL status is selected, then only BIRs for children that have the specified status will be included. Also, only children that have the specified status will be included in the report.</p> <p>If a DLL status is not selected, then this criteria will not exclude any BIRs or children.</p>
Problem Behavior(s)	Yes	<p>This filters only the BIRs included in the report. If any problem behaviors are selected, then only BIRs that have the specified problem behaviors will be included.</p> <p>If no problem behaviors are selected, then this criteria will not exclude any BIRs.</p>
Activity(ies)	Yes	<p>This filters only the BIRs included in the report. If any activities are selected, then only BIRs that have the specified activities will be included.</p> <p>If no activities are selected, then this criteria will not exclude any BIRs.</p>
Others Involved	Yes	<p>This filters only the BIRs included in the report. If any others involved are selected, then only BIRs that have the specified others involved will be included.</p> <p>If no others involved are selected, then this criteria will not exclude any BIRs or children.</p>

Possible Motivation(s)	Yes	<p>This filters only the BIRs included in the report. If any possible motivations are selected, then only BIRs that have the specified possible motivations will be included.</p> <p>If no possible motivations are selected, then this criteria will not exclude any BIRs.</p>
Strategy Response(s)	Yes	<p>This filters only the BIRs included in the report. If any strategy responses are selected, then only BIRs that have the specified strategy responses will be included.</p> <p>If no strategy responses are selected, then this criteria will not exclude any BIRs.</p>
Admin Follow-up(s)	Yes	<p>This filters only the BIRs included in the report. If any admin follow-ups are selected, then only BIRs that have the specified admin follow-ups will be included.</p> <p>If no admin follow-ups are selected, then this criteria will not exclude any BIRs.</p>