**Significant Disproportionality (SD) Calculations**

**SD Representation: Overall Representation**
- Overall special education representation, by 7 federal racial/ethnic groups

**Data Needed for Analysis (Anticipated to be October Snapshot):**
- # students in LEA (ages 3-21)
  - Total
  - By 7 federal race/ethnic groups
- # students in SPED (ages 3-21)
  - Total
  - By 7 federal race/ethnic groups

**Step 1:**
\[
\frac{\text{Racial Ethnic Group in SPED}}{\text{Racial Ethnic Group in LEA}} \times 100
\]
*This is the Racial Ethnic Group SPED Rate.*

**If MSR not met, do not calculate.**

**Step 2:**
\[
\frac{\text{Comparison All Other Students in SPED}}{\text{Comparison All Other Students in LEA}} \times 100
\]
*This is the Comparison All Other Student Group SPED Rate.*

**If MSR not met, use alternate risk ratio (state data).**

**Step 3:**
\[
\frac{\text{Racial Ethnic Group SPED Rate (Step 1)}}{\text{Comparison All Other Student Group SPED Rate (Step 2)}}
\]
*This is the Risk Ratio for this Racial Ethnic Group Representation.*

**If the risk ratio exceeds the threshold, then there is SD, but not necessarily sanctions until consecutive years of the same exact cell exceeding the threshold (depending on final approved rules adopted by TEA).**

**Conclusion/Analysis:** The LEA’s [race/ethnic group] are [risk ratio] times more likely as other students to be enrolled in special education.
Significant Disproportionality (SD) Calculations

SD Representation: Overall Representation – Calculation Worksheet
Overall special education representation, by 7 federal racial/ethnic groups

Step 1:

\[
\frac{\text{Racial/Ethnic Group in SPED}}{\text{Racial/Ethnic Group in LEA}} \times 100 = \text{Racial/Ethnic Group SPED Rate}
\]

Step 2:

\[
\frac{\text{Comparison Group in SPED}}{\text{Comparison Group in LEA}} \times 100 = \text{Comparison Group SPED Rate}
\]

Step 3:

\[
\frac{\text{Racial/Ethnic Group SPED Rate}}{\text{Comparison Group SPED Rate}} = \text{RISK RATIO for Overall Representation}
\]

Anticipated/Projected Calculations as of May 17, 2017
Significant Disproportionality (SD) Calculations

SD Representation: Representation by Disability
- Overall special education representation, by 7 federal racial/ethnic groups

Data Needed for Analysis (Anticipated to be October Snapshot):
- # students in SPED
  - By 7 federal race/ethnic groups
  - by 6 specific disability categories (ID, SLD, ED, SI, OHI, AU), by 7 federal race/ethnic groups

Step 1:
- Racial Ethnic Group in SPED by disability \( \times 100 \)
- Racial Ethnic Group in SPED
  *This is the Racial Ethnic Group disability rate.*

  **If MSR not met, do not calculate.

Step 2:
- Comparison Other Students SPED by disability \( \times 100 \)
- Comparison Other Students in SPED
  *This is the Comparison Other Students Disability Group Rate.*

  **If MSR not met, use alternate risk analysis (state data).**

Step 3:
- Racial Ethnic Group Disability Rate (Step 1)
- Other Students Disability Group Rate (Step 2)
  *This is the Risk Ratio for this Racial Ethnic Group Disability Identification.*

  **If the risk ratio exceeds the threshold, then there is SD, but not necessarily sanctions until consecutive years of the same exact cell exceeding the threshold (depending on final approved rules adopted by TEA).**

Conclusion/Analysis: The LEA’s [race/ethnic group] identified with [disability] are [risk ratio] times more likely as other students to be identified with [disability].
Significant Disproportionality (SD) Calculations

SD Representation: Representation by Disability – Calculation Worksheet
Representation by Disability, by 7 federal racial/ethnic groups

Step 1:
\[
\text{Racial/Ethnic Group in SPED by specific disability} \times 100 = \text{Racial/Ethnic Group Disability Rate}
\]

Step 2:
\[
\text{Comparison Group in SPED by specific disability} \times 100 = \text{Comparison Group SPED Rate}
\]

Step 3:
\[
\frac{\text{Racial/Ethnic Group Disability Rate}}{\text{Comparison Group Disability Rate}} = \text{RISK RATIO for Representation by Disability}
\]
**Significant Disproportionality (SD) Calculations**

**SD Placement:** Regular Class <40% Rate
- Regular Class <40%, by 7 federal race/ethnic groups

**Data Needed for Analysis (Anticipated to be October Snapshot):**
- # students in SPED (ages 6-21)
  - by instructional arrangements (aggregated) – 08, 88, 44, 85, 95; by 7 federal race/ethnic groups

**Step 1:**
\[
\text{Racial Ethnic Group in SPED in regular class <40\%} \times 100
\]
\[
\text{This is the Racial Ethnic Group Regular Class <40\% Rate.}
\]
**If MSR not met, do not calculate.**

**Step 2:**
\[
\text{Comparison Other Students in SPED in regular class <40\%} \times 100
\]
\[
\text{This is the Comparison Other Students Regular Class <40\% Rate.}
\]
**If MSR not met, use alternate risk analysis (state data).**

**Step 3:**
\[
\frac{\text{Racial Ethnic Group Regular Class <40\% Rate (Step 1)}}{\text{Other Students Regular Class <40\% Rate (Step 2)}}
\]
\[
\text{This is the Risk Ratio for this Racial Ethnic Group to be placed in a Regular Class <40\%.}
\]

**If the risk ratio exceeds the threshold, then there is SD, but not necessarily sanctions until consecutive years of the same exact cell exceeding the threshold (depending on final approved rules adopted by TEA).**

**Conclusion/Analysis:** The LEA’s [race/ethnic group] are [risk ratio] times more likely as other students to be placed in a regular class <40% of the time.
**SD Representation: Overall Representation – Calculation Worksheet**

Regular Class <40% (instructional arrangements 08, 88, 44, 85, 95), by 7 federal race/ethnicity groups

<table>
<thead>
<tr>
<th>Step 1:</th>
<th>Racial/Ethnic Group in SPED Regular Class &lt;40% ( \times 100 )</th>
<th>=</th>
<th>Racial/Ethnic Group Regular Class &lt;40% Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(-) Racial/Ethnic Group in SPED</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Step 2:</th>
<th>Comparison Group in SPED Regular Class &lt;40% ( \times 100 )</th>
<th>=</th>
<th>Comparison Group Regular Class &lt;40% Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(-) Comparison Group in SPED</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Step 3:</th>
<th>Racial/Ethnic Group Regular Class &lt;40% Rate</th>
<th>=</th>
<th>RISK RATIO for Placement in Regular Class &lt;40%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(-) Comparison Group Regular Class &lt;40% Rate</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Significant Disproportionality (SD) Calculations

SD Placement: Separate Schools
• Separate Schools, by 7 federal race/ethnic groups

Data Needed for Analysis (Anticipated to be October Snapshot):
• # students in SPED (ages 6-21)
  – by instructional arrangements (aggregated) – 30, 50, 60, 70, 71, 86, 87, 96, 86, 97, 96, 97; by 7 federal race/ethnic groups

Step 1:
   Racial Ethnic Group in SPED in Separate Schools
   Racial Ethnic Group in SPED
   \[ \text{This is the Racial Ethnic Group Separate Schools Rate.} \]
   **If MSR not met, do not calculate.

Step 2:
   Comparison Other Students SPED in Separate Schools
   Comparison Other Students in SPED
   \[ \text{This is the Comparison Other Students Separate Schools Rate.} \]
   **If MSR not met, use alternate risk analysis (state data).

Step 3:
   Racial Ethnic Group Separate Schools Rate (Step 1)
   Other Students Separate Schools Rate (Step 2)
   \[ \text{This is the Risk Ratio for this Racial Ethnic Group to be placed in Separate Schools} \]
   ***If the risk ratio exceeds the threshold, then there is SD, but not necessarily sanctions until consecutive years of the same exact cell exceeding the threshold (depending on final approved rules adopted by TEA).

Conclusion/Analysis: The LEA’s (race/ethnic group) are (risk ratio) times more likely as other students to be placed in Separate Schools.
Significant Disproportionality (SD) Calculations

SD Representation: Overall Representation – Calculation Worksheet
Separate Schools (instructional arrangements 30, 50, 60, 70, 71, 86, 86, 87, 96, 97), by 7 federal race/ethnicity groups

Step 1:

\[
\frac{\text{Racial/Ethnic Group in SPED separate schools}}{\text{Racial/Ethnic Group in SPED}} \times 100 = \text{Racial/Ethnic Group Separate Schools Rate}
\]

Step 2:

\[
\frac{\text{Comparison Group in SPED separate schools}}{\text{Comparison Group in SPED}} \times 100 = \text{Comparison Group Separate Schools Rate}
\]

Step 3:

\[
\frac{\text{Racial/Ethnic Group Separate Schools Rate}}{\text{Comparison Group Separate Schools Rate}} = \text{RISK RATIO for Placement in Separate Schools}
\]