**Handout 10**

**Fun with Numbers: Calculating Risk Ratios**

***Your assignment*** | Calculate the likelihood (risk ratio) of Hispanic/Latino students with disabilities (ages 6-21) being identified as having a specific learning disability in State ABC.

***What we know about State ABC*** | Here are data reported by the state both publicly and to OSEP. You can use them to complete your assignment.

* Total # of Hispanic/Latino students enrolled in schools in State ABC: **176,000**
* # of Hispanic/Latino students identified as having a specific learning disability in State ABC: **7,000**
* Total # of enrolled students from all other racial/ethnic groups in State ABC: **902,414**
* # of students from all other ethnic groups identified as having a specific learning disability in State ABC: **23,417**

**First**, calculate the risk of being identified with a specific learning disability if you are an Hispanic/Latino student in this state.

How "Risk" is Calculated, screenshot from the slideshow. 
Number of children from Y racial/ethnic group (or groups) experiencing X outcome
Divide that number by number of children from Y group enrolled in the LEA.
Multiply by 100.
The result equals "risk"

**Second**, calculate the risk of being identified as having a specific learning disability if you’re a student from any other racial/ethnic group (the comparison group).

Reminder of how to calculate the risk of the comparison group.
Number of children from all other ethnical/racial groups experiencing X outcome.
Divide by the number of children from all other eth/rac groups enrolled in the LEA.
Multiply by 100. 
Result equals "Risk" of the comparison group.

***Finally***, calculate the likelihood (risk ratio) of Hispanic/Latino students with disabilities (ages 6-21) being identified as having a specific learning disability in State ABC.

Calculating the RISK RATIO: Take the risk of the racial/ethnic group in question.
Divide by the risk of the comparison group. 
The result is the "RISK RATIO."

**How would you describe your findings to others?**