

**Risk: What % of students in a group received an ODR?**

(#Students in Group w/ ODR)/ (#Students in Group)

**Risk Ratio: How does the risk of students in a group compare to the risk of all other students?**

(Risk for group/Risk for comparison group)

**Example 1**

	Number of Students	Number of Students with ODR	Percent of Students in Ethnicity with ODR	Percent of Student Body	Percent of Students who have ODR
<b>African Amer.</b>	<b>289</b>	<b>173</b>	<b>R = 60%</b>	<b>35%</b>	<b>45%</b>
Amer. Ind./ Nat. Amer.	5	2	R = 40%	1%	.5%
Asian	30	2	R = 7%	4%	.5%
Haw./ Pacific Isl.	15	3	R = 20%	2%	.7%
Hispanic	231	97	R = 42%	28%	25%
White	264	112	R = 42%	32%	29%
<b>Total</b>	<b>834</b>	<b>389 (47%)</b>			

Risk Ratio for African American Students

Risk for African American students to receive an ODR:  $173/289 = 60\%$

Risk for all other students to receive an ODR:  $(389-173)/(834-289)$  or  $216/545 = 40\%$

**Risk Ratio =  $60/40 = 1.5$**

Risk Ratio for Hispanic Students

Risk for Hispanic students to receive an ODR:  $97/231 = 42\%$

Risk for all other students to receive an ODR:  $(389-97)/(834-231)$  or  $292/603 = 48\%$

**Risk Ratio =  $42/48 = .88$**

**Example 2**

	Number of Students	Number of Students with ODR	Percent of Students in Ethnicity with ODR	Percent of Student Body	Percent of Students who have ODR
<b>African Amer.</b>	<b>521</b>	<b>312</b>	<b>R = 60%</b>	<b>62%</b>	<b>77%</b>
Amer. Ind./Nat. Amer.	5	2	R = 40%	1%	.5%
Asian	30	2	R = 7%	4%	.5%
Haw./ Pacific Isl.	15	3	R = 20%	2%	.7%
Hispanic	263	89	R = 34%	32%	22%
White	0	0	---	---	----
<b>Total</b>	<b>834</b>	<b>408 (49%)</b>			

Risk Ratio for African American Students

Risk for African American students to receive an ODR:  $312/521 = 60\%$

Risk for all other students to receive an ODR:  $(408-312)/(834-521)$  or  $96/313 = 31\%$

**Risk Ratio =  $60/31 = 1.9$**

Risk Ratio for Hispanic Students

Risk for Hispanic students to receive an ODR:  $89/263 = 34\%$

Risk for all other students to receive an ODR:  $(408-89)/(834-263)$  or  $319/571 = 56\%$

**Risk Ratio =  $34/56 = .61$**