

## **Quantitative Data Training**

**November 5, 2018**

**Chickasaw Nation Carl Albert Services Center**

### Activity 2

Use the data in tables 1.1 and 1.2 (page 2) to answer the following questions.

1. How do death rates vary between men and women overall,
2. How do they vary among the different socioeconomic classes?
3. How do they vary among men and women in different socioeconomic classes?
4. How do they vary among adults and children in different socioeconomic classes?
5. Can you guess what type of situation might result in such death rate patterns?

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**Table 1.1 Deaths and Death Rates for an Unusual Event, by Sex and Socioeconomic Status**

<u>Sex</u>	<u>Measure</u>	<u>Socioeconomic Status</u>			<u>Total</u>
		<u>High</u>	<u>Middle</u>	<u>Low</u>	
<b>Males</b>	Persons at risk	179	173	499	851
	Deaths	120	148	441	709
	Death rate (%)	67.0	85.5	88.4	83.3
<b>Females</b>	Persons at risk	143	107	212	462
	Deaths	9	13	132	154
	Death rate (%)	6.3	12.6	62.3	33.3
<b>Both sexes</b>	Persons at risk	322	280	711	1313
	Deaths	129	161	573	863
	Death rate (%)	40.1	57.5	80.6	65.7

**Table 1.2 Deaths and Death Rates for an Unusual Event, by Age and Socioeconomic Status**

<u>Age Group</u>	<u>Measure</u>	<u>Socioeconomic Status</u>		<u>Total</u>
		<u>High/Middle</u>	<u>Low</u>	
<b>Adults</b>	Persons at risk	566	664	1230
	Deaths	287	545	832
	Death rate (%)	50.7	82.1	67.6
<b>Children</b>	Persons at risk	36	47	83
	Deaths	3	28	31
	Death rate (%)	8.3	59.6	37.3
<b>All Ages</b>	Persons at risk	602	711	1313
	Deaths	290	573	863
	Death rate (%)	48.2	80.6	65.7