

### Revised QR Goals

- **Knowledge and conceptual understanding:** Students will be able to define quantitative reasoning. Students will be able to correctly identify, interpret, and summarize data presented in selected charts/article(s)/videos.
- **Thinking and other skills:** Students will select and explain relevant data to support an argument/point from the article(s)/videos.
- **Attitudes, values, dispositions and habits of mind:** Students will be comfortable communicating (in writing or speaking) about numbers, percentages, and/or rates from the data in the article(s)/videos. Students will be able to appreciate and appropriately use evidence (numbers/percentages/rates) to support a point. Students will value the importance of QR skills in criminal justice.

### Revised QR Assessment & Results (post-survey)

#### 1. In your own words, what does quantitative reasoning mean to you (definition).

quantitative reasoning is analyzing and using math to solve issue that going on in society and using statistics

What quantitative reasoning means to me is dealing with basic mathematical skills, such as algebra.

Quantitative reasoning is based on statistics and numerical values. Its used to do surveys and interviews when trying to gather data.

This is using basic knowledge skills that you already have learned or adapted such as math skills to draw conclusions that relevant to peoples daily lives.

To me quantitative reasoning is the calculation percentages that help to compare and contrast difference. It's also a way to measure statistics.

Quantitative reasoning is the use of basic mathematical skills to analyze , interpret, and come up with conclusions relations to real world events. Also,

Quantitative reasoning involves using critical thinking, mathematical skills and real world context to draw conclusions that would be beneficial for students and educators.

I believe it means a place where reasoning is occurred to understand some aspects of the physical world for problem-solving.

Quantitative reasoning to me refers to facts derived from research which can

provide a prediction and/or statistics that helps to educate society about important matters in everyday life.

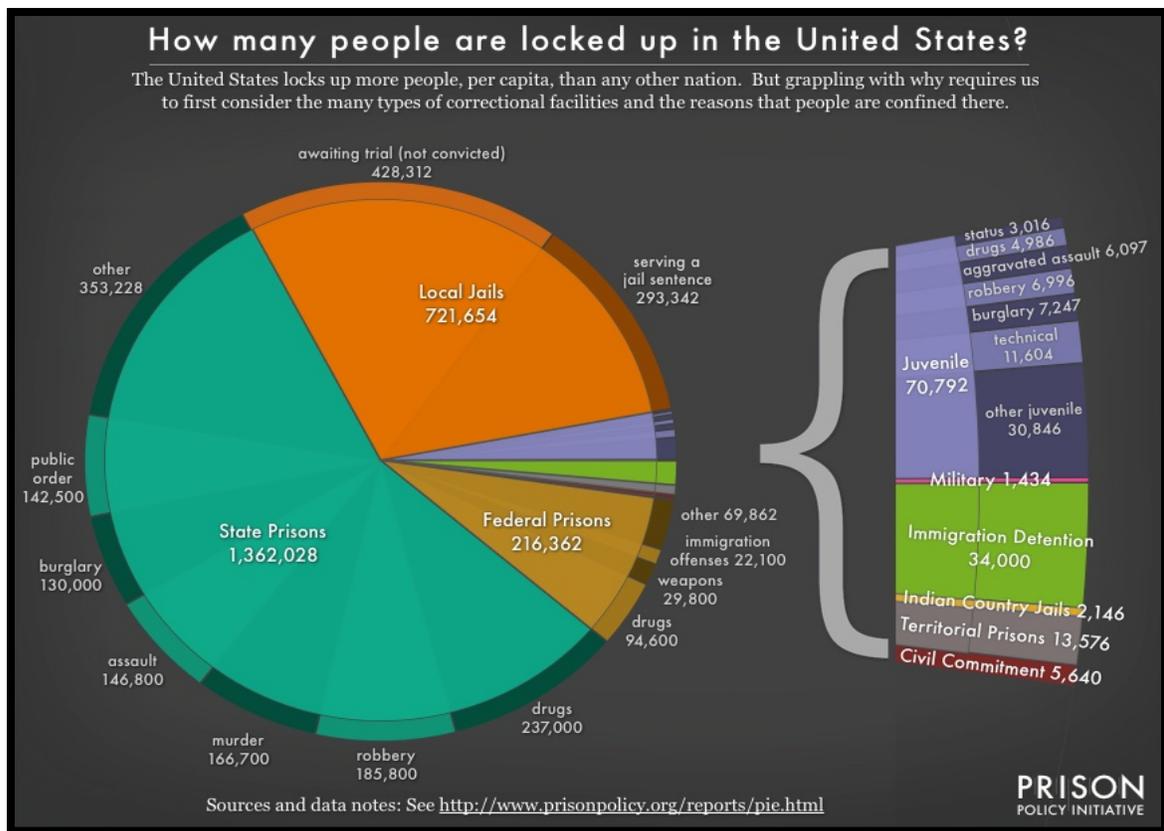
applying math skills like algebra or statistic into our real life to draw a relationship.

It is a scientific method of research where information is gathered to ththrough several data collection or sources

quantitative reasonin is application of basic mathematics skills to analyze and interpret real world quantitative infromacion

**2. How important do you think quantitative reasoning is in the field of criminal justice?**

92% Very Important or very important (all who participated)



**3. According to the pie chart (Prison Policy Initiative), what percentage of the state prison population is comprised of drug convictions?**

17% (92% selected- all who participated). All correctly answered

**4. According to the pie chart (Prison Policy Initiative), what *percentage* of the federal population is comprised of drug convictions?**

44%                      83.333%- Correct answer

22%                      8.333%

33%                      0%

11%                      8.333%

**5. Based on the pie chart (Prison Policy Initiative), what has contributed to mass incarceration in the U.S.?**

Based on the chart, state prisons contributed to the masses. More than half of the pie chart is made up of state prison convictions which reach 1,362,028 people.

what has contributed to mass incarceration is the war on drugs and people who are locked up because of drugs or simply people who are just awaiting trial .

drugs, burglaries ,assult

State prisons have contributed to mass incarceration in the U.S.

Police arresting people for non-violent crimes. People who cant afford bail, or take plea deals, petty crimes

Offenders waiting for trial( not convicted,) 428,312, druds 94,600, weapon 29,800, immigration offences 22,100, serving jail sentence 293,342, public order 142,500, other 353,228 If calculated, the figure is approximately half 9 %0%) of the prson population.

based on the pie chart mass incarceration in the united state is juvenile and drugs also state prison

The 428,312 that can not afford bail and are awaiting trail but not convicted has contributed to mass incarceration.

According to the pie chart, drug offenses in the state and federal prisons have contributed to Mass incarceration. In local jails, the factor that has contributed the most to mass incarceration is the amount of people waiting for trial.

What has contributed to Mass Incarceration is mostly drugs and other.

Drug offenses (237,000), other crime (353,228), awaiting trial; more than likely due to being too impoverished to afford bail (428,312), and technical violations.

**6. How comfortable did you feel communicating with numbers in criminal justice prior to completing this Introduction to Corrections (CRJ 23) class, *please select a response:***

49% felt comfortable prior  
25% neither comfortable or uncomfortable  
16% uncomfortable

Extremely Comfortable	16.667%
Somewhat Comfortable	33.333%
Neither comfortable or uncomfortable	25%
Somewhat Uncomfortable	8.333%
Extremely Uncomfortable	8.333%
Not Applicable	0%
<i>Unanswered</i>	8.333%

**7. How comfortable do you feel communicating with numbers in criminal justice since completing this Introduction to Corrections (CRJ 23), *please select a response:***

66.66% felt comfortable prior  
8.33% neither comfortable or uncomfortable  
17% uncomfortable

Extremely Comfortable	33.333%
Somewhat Comfortable	33.333%
Neither Comfortable or Uncomfortable	8.333%
Somewhat Uncomfortable	16.667%
Extremely Uncomfortable	0%
Not Applicable	0%
<i>Unanswered</i>	

**8. My comfort communicating with numbers/quantitative reasoning improved since completing this Introduction to Corrections course.**

True	83.333%
False	8.333%

**9. My ability to communicate with numbers/quantitative reasoning improved since completing this Introduction to Corrections course.**

True	83.333%
False	8.333%