

Graph of the Week 3PA

Name _____

Date _____

Questions to ask when reading graphs:

- Is there an upward or downward trend?
- Are there any sudden spikes in the graph?
- What is being compared in the graph?
- What prediction can I make for the future?
- What inferences can I make about the graph?

Analyze the graph below and write a reflection on what you think the graph is communicating to you. To guide you with your response, start with some observations.

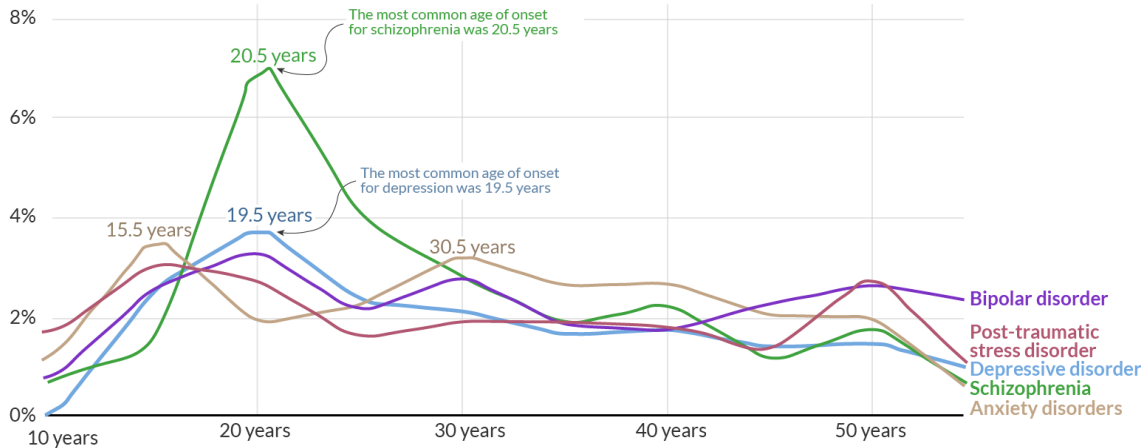
- What is the topic of the graph?
- What quantities are being compared? If there are x- and y- axes, what do they represent?
- What are some observations you can make based on the graph?
- What surprises you about the graph? What do you wonder?

Age of onset of mental health disorders



A. Analysis

Share for whom the disorder begins at a given age



Source: Marco Solmi et al. (2021). Age at onset of mental disorders worldwide: large-scale meta-analysis of 192 epidemiological studies. *Nature Molecular Psychiatry*. OurWorldinData.org – Research and data to make progress against the world’s largest problems. Licensed under CC-BY by the author Saloni Dattani.

Mental Health of Teenagers

What percentage of teenagers see problems like anxiety, bullying, drug addiction and gangs as either major or minor among their peers?

	Major	Minor	Not
Anxiety & depression	70%	26	4
Bullying	55	35	10
Drug addiction	51	35	13
Drinking alcohol	45	39	16
Poverty	40	47	13
Teen pregnancy	34	44	21
Gangs	33	38	29

B. What can you foresee happening in the near future?

C. Based on your response in part B, what solution(s) can you investigate or what other information/resources can you gather to strengthen your argument?

Make an illustration or represent the data in your own way in the space below:

