

Final Project

Narrative Design Draft

Group 11
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Change Over Time: Employment Status & Tobacco Use

- **Question:** Does someone's employment status increase their use of tobacco?
 - If there is an increase in tobacco use, how does their employment status impact how much one smokes?
 - What can this say about their mental health?
 - One's mental health can impact their use of tobacco
- This visualization will be focused on the status of one's employment and the use of tobacco by two different groups (those who are employed and those who are unemployed).
 - This will exclude what educational level and how old the individual is.

Story Intention and Takeaways:

- The takeaway message I wish to articulate is that, over the course of 2011-2019, the cost of living increased, which meant that more people are looking for employment, however, this also meant an increase in unemployment, as people are unable/struggle to afford their living means. This can cause tremendous stress and a possibility to cope with that, is the use of tobacco/smoking, Nicotine, is the addictive substance found in tobacco. The effects of nicotine are often followed by a sense of relaxation and calm as the drug is metabolized and leaves the body. While some smokers may feel that smoking helps them relax or cope with stress, this effect is likely to be temporary and short-lived. Over time, nicotine dependence can actually increase anxiety and stress levels, and many smokers report feeling more stressed and anxious when they are unable to smoke.

Visualization Plan:

- Include all ages and all types of educational levels
- Include the 'employment' and 'unemployment' columns
- Include all types of tobacco use (cigarettes, smokeless tobacco, and e-cigarette)
- Include all of the years (2011-2019)
- General idea: Line graph
- X-axis will be 'years'
- Y-axis will be the number of people who are employed or unemployed
 - There will be two lines (one being those who are employed and unemployed)
- The data will only include those who currently smoke (this can also include those that may have attempted to quit, but went back to smoking)

Background notes:

- **Labor force:** Refers to the portion of the population that is either employed or actively seeking employment. This includes individuals who are currently employed, as well as those who are unemployed but actively looking for work. The labor force does not include individuals who are not working and are not actively seeking employment, such as retirees, students, or individuals who are unable to work due to disability or other reasons.

Visualization (Rough Image):

Employment Status (2011-2019) in Washington

