

CHS766 Term Project

The Behavioral Risk Factor Surveillance System (BRFSS) is the nation's premier system of health-related telephone surveys that collect state data about U.S. residents regarding their health-related risk behaviors, chronic health conditions, and use of preventive services. Established in 1984 with 15 states (Nevada joined in 1992), BRFSS now collects data in all 50 states as well as the District of Columbia and three U.S. territories. BRFSS completes more than 400,000 adult interviews each year, making it the largest continuously conducted health survey system in the world.

For term project of CHS766, each student will need to complete following items:
1) Choose a research topic from 2020 Nevada BRFSS project, or 2020 US BRFSS project, 2) proposal presentation, 3) data analysis, 4) final project presentation, and 5) manuscript paper with publishable style.

- 1) Topic: Any topic interested you, you need to pick a dependent variable, exposure variable(s) and related factors;
- 2) Proposal Presentation and Discussion: A 5 minutes oral presentation on proposal including literature reviews, research question and research method, and 5 minutes discussion;
- 3) Data Analysis: SAS complex survey analysis method need to used;
- 4) A 12 minutes oral presentation on final project and 3 minutes for answering questions, and prepare 1 question for your classmates to answer and discuss.
- 5) A publishable manuscript with sections of Abstract, Introduction, method, results, discussion, conclusions and references. Requirements for the paper include:
 - I. Abstract: No longer than 250 words, with sections of background, method, results and conclusions;
 - II. Introduction: Need to state the significance, uniqueness, and literature gaps on the research question you chosen;
 - III. Method: Data collection and analysis methods. SAS complex survey analysis is required;
 - IV. Results: No more than four tables or figures, using paragraphs to explain, at least include following three tables: table 1 Characteristics of subjects, table 2 Prevalence of your dependent variable, table 3 Adjusted Odds Ratio of dependent variable to exposure factor and other factors;
 - V. Discussion: Discuss your findings;
 - VI. Conclusions: Conclude your study and point out future research needs.
 - VII. List 15-20 references which should be limited to the most relevant. The form should conform to the style of the American Psychological Association (APA), examples: 1. Smith, A. C., Jones, W. P., & Brown, B. P. (1996). Community health surveys. Archives of Internal Medicine, 26(8), 201-207;
 - VIII. Total manuscript words should be 3000-3500 excluding tables/figures and references.

Grade will be based on all aspects mentioned above. Total 15 points (15%).

BRFSS Questions

- 1) BRFSS Core Questions: Each state is requested to complete so you have complete answers cross USA.
- 2) Optional Modules: States are optional to decide if the module will be included to their survey, e.g. in 2020, 28 states including Nevada have included Adverse Childhood Experience (ACE) to their BRFSS project.
- 3) State Added Questions: Questions included by individual state.