

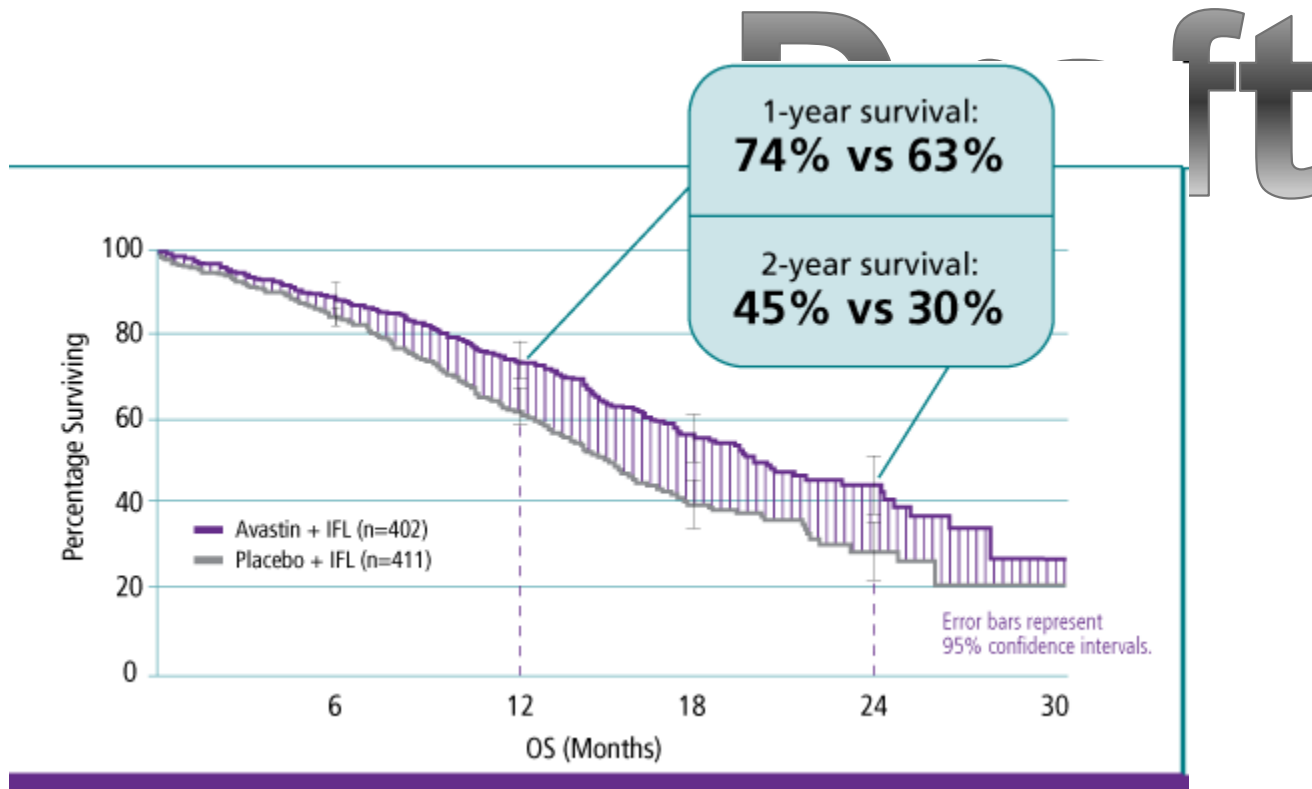
HOUSING AS HEALTHCARE

Joshua D. Bamberger, MD, MPH
SF Dept. of Public Health & Mercy Housing
University of California, San Francisco

joshdbamberger@gmail.com

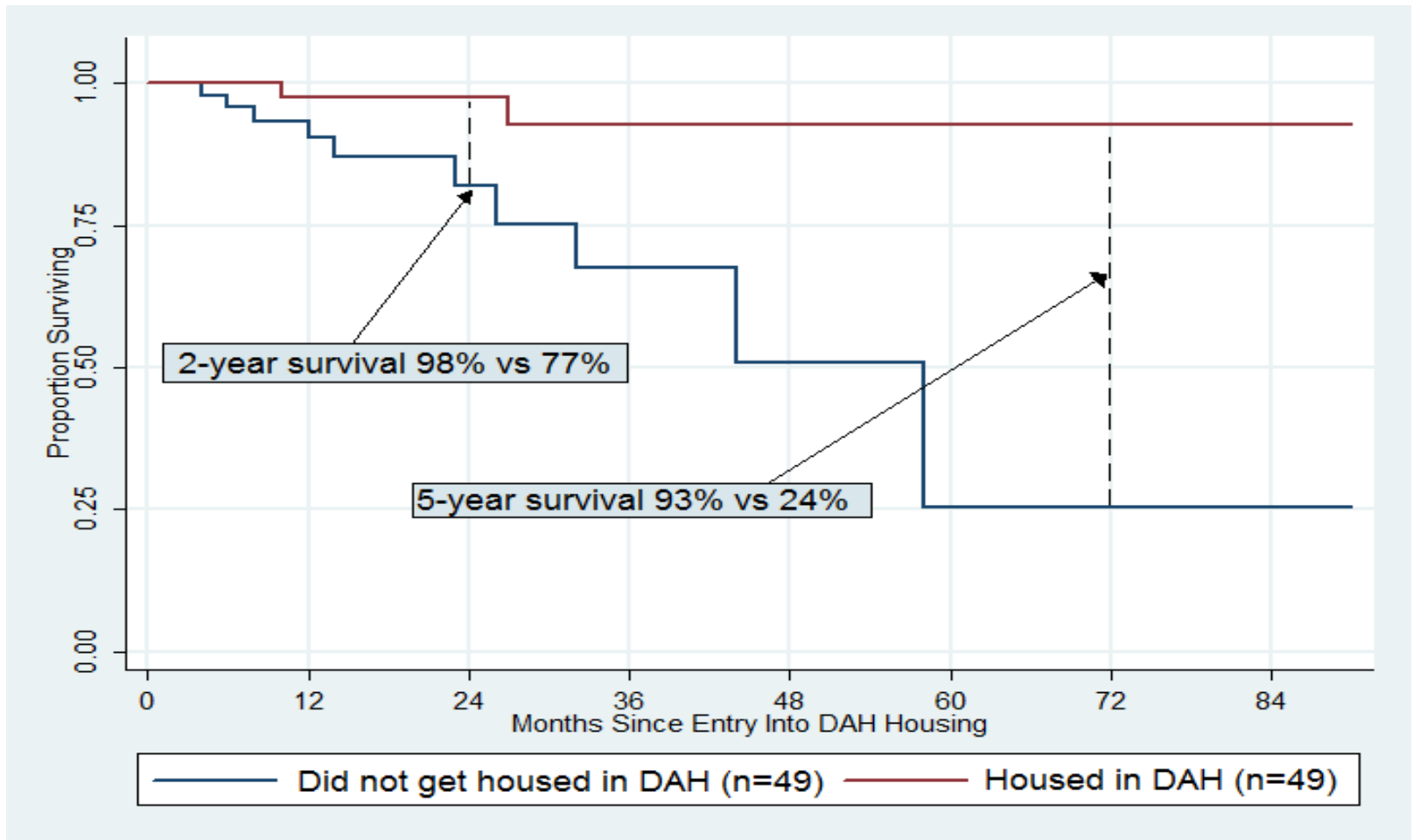
WHAT DOES MEDICAL SUCCESS LOOK LIKE?

Avastin: huge financial success, modestly increased survival rates by 15%



WHAT DOES MEDICAL SUCCESS LOOK LIKE?

*Survival : Homeless at the time of the AIDS Diagnosis: 1996-2001**



*Schwarcz et al. Impact of housing on the survival of persons with AIDS. BMJ, 2009

HIGH USERS IN SUPPORTIVE HOUSING (HUSH) WORKING GROUP

- SF Dept. of Public Health: Joshua Bamberger, Margot Antonetty, Sarah Dobbins, Ashley Mckinnon
- Tenderloin Neighborhood Dev Corp: Cameron Adams, Yvette Robinson, Delene Rankin, Jessica Shimmin, Ja Eun Huh
- Corporation for Supportive Housing: Steven Shum

CSH-SIF RANDOMIZED TRIAL OF SUPPORTIVE HOUSING IN SAN FRANCISCO

- Collaboration of TNDC and SF DPH
- Universe: 30,000 SF Health Plan members over the age of 18
- 180 identified who were homeless high users (> \$3000/year)
- Randomized to treatment (offered housing) vs. control
- Subjects homeless status verified by direct interview
- 50 in treatment arm moved in to housing at Kelly Cullen Community
- Health care utilization 1 year prior vs. 1 year after move in

Draft

KELLY CULLEN COMMUNITY

**172 unit, renovated former YMCA located in Tenderloin
in SF**

**Includes ground floor primary care clinic, gym and
theater**

\$90 million development cost

7 on-site case managers, 1 full-time RN, 1 full-time HW

**Fully accessible studio apartments (@ 350 square feet
each)**

**Move-out rate (including eviction and deaths) of about
10% in first year**

RESULTS

Mostly male, average age 50 years old, equal Black and White

Some increase in cost among control totaling \$117,000
(\$1,850 per subject)

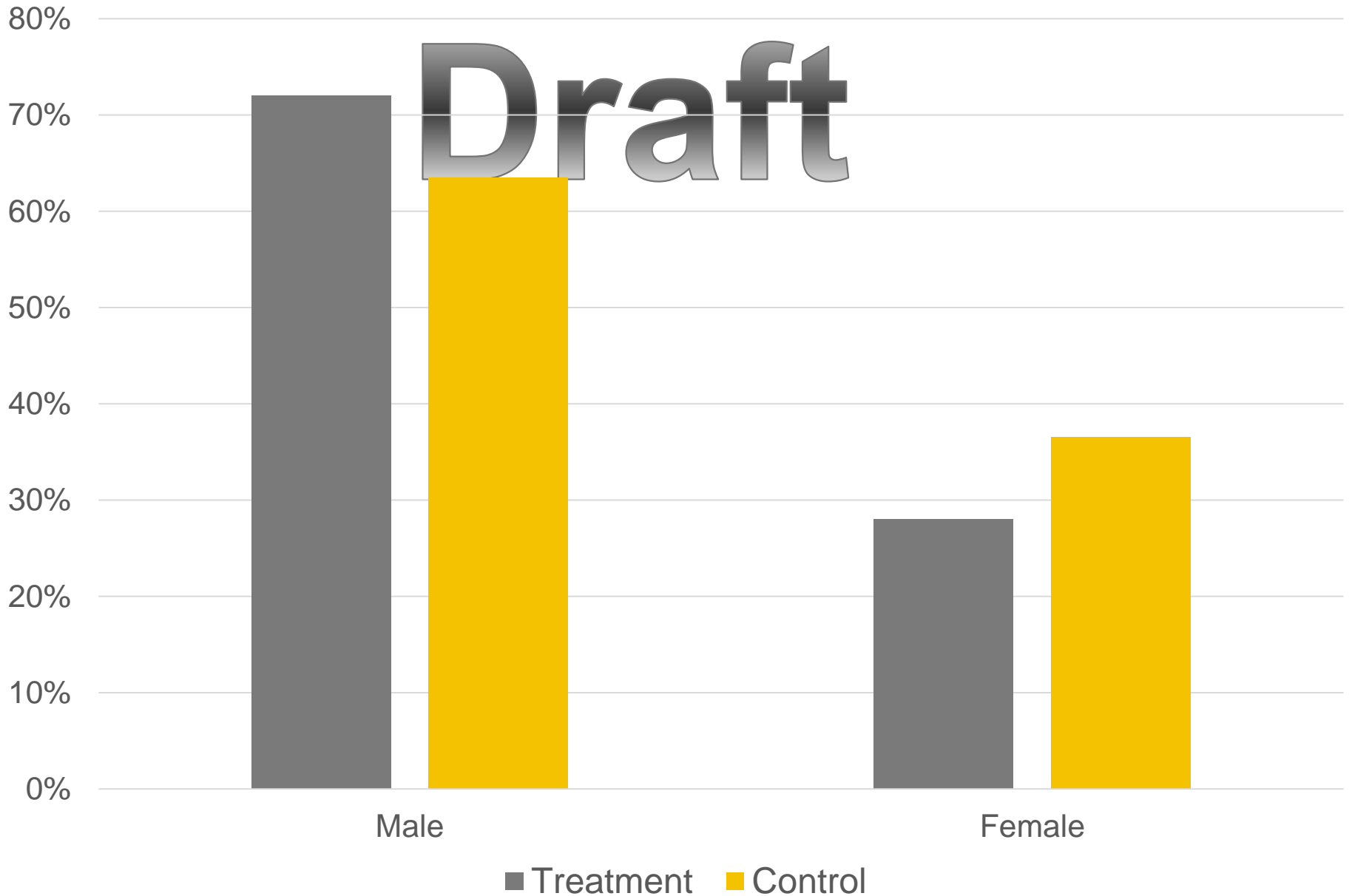
Major reduction in cost among treatment totaling \$1.3 million
(\$26,300 per subject)

Most of the cost savings in reduction in inpatient days

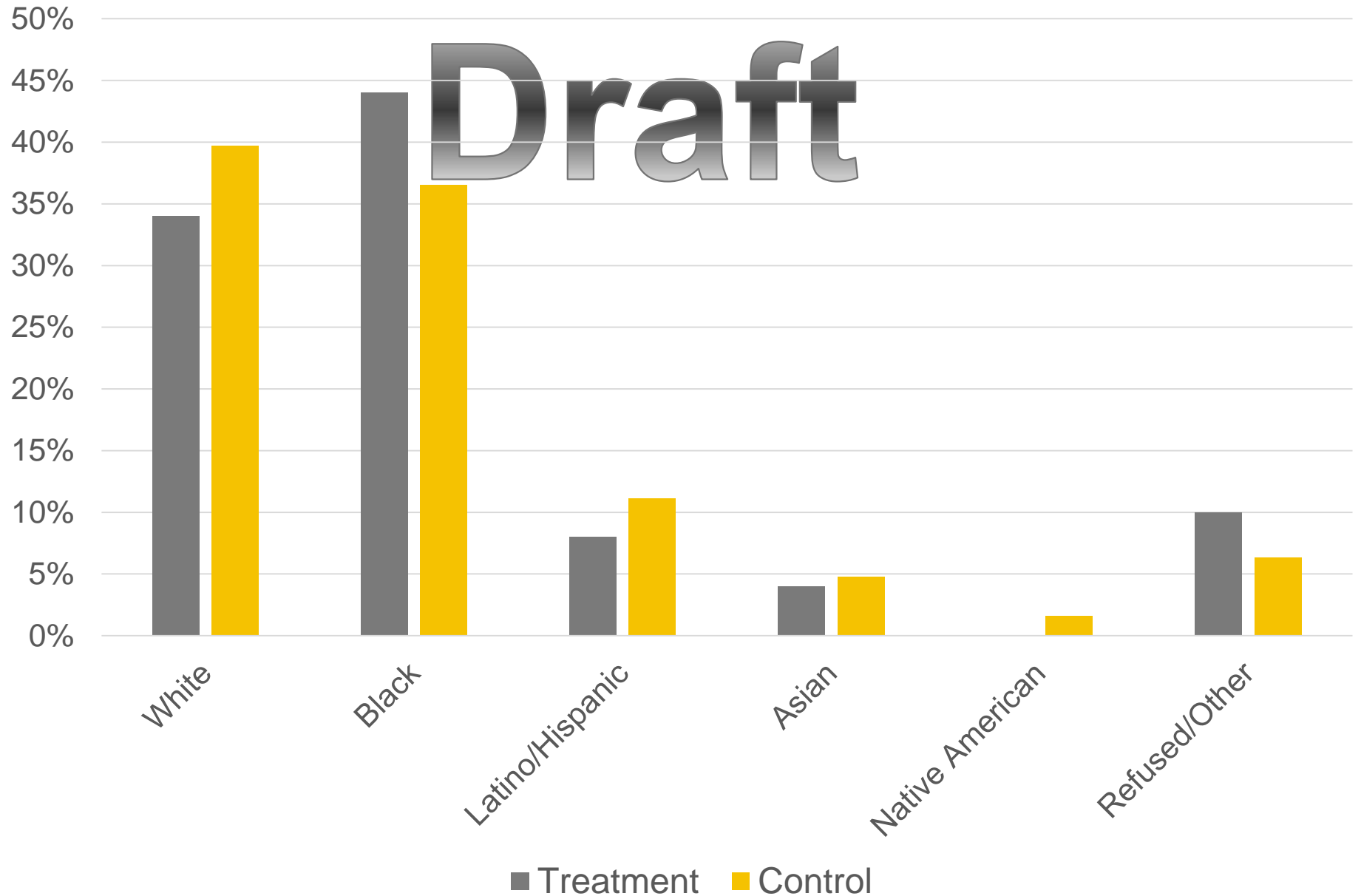
Cost of housing plus services is about \$15,000/person/year
(does not include development costs)

Draft

Gender - Treatment and Control Groups

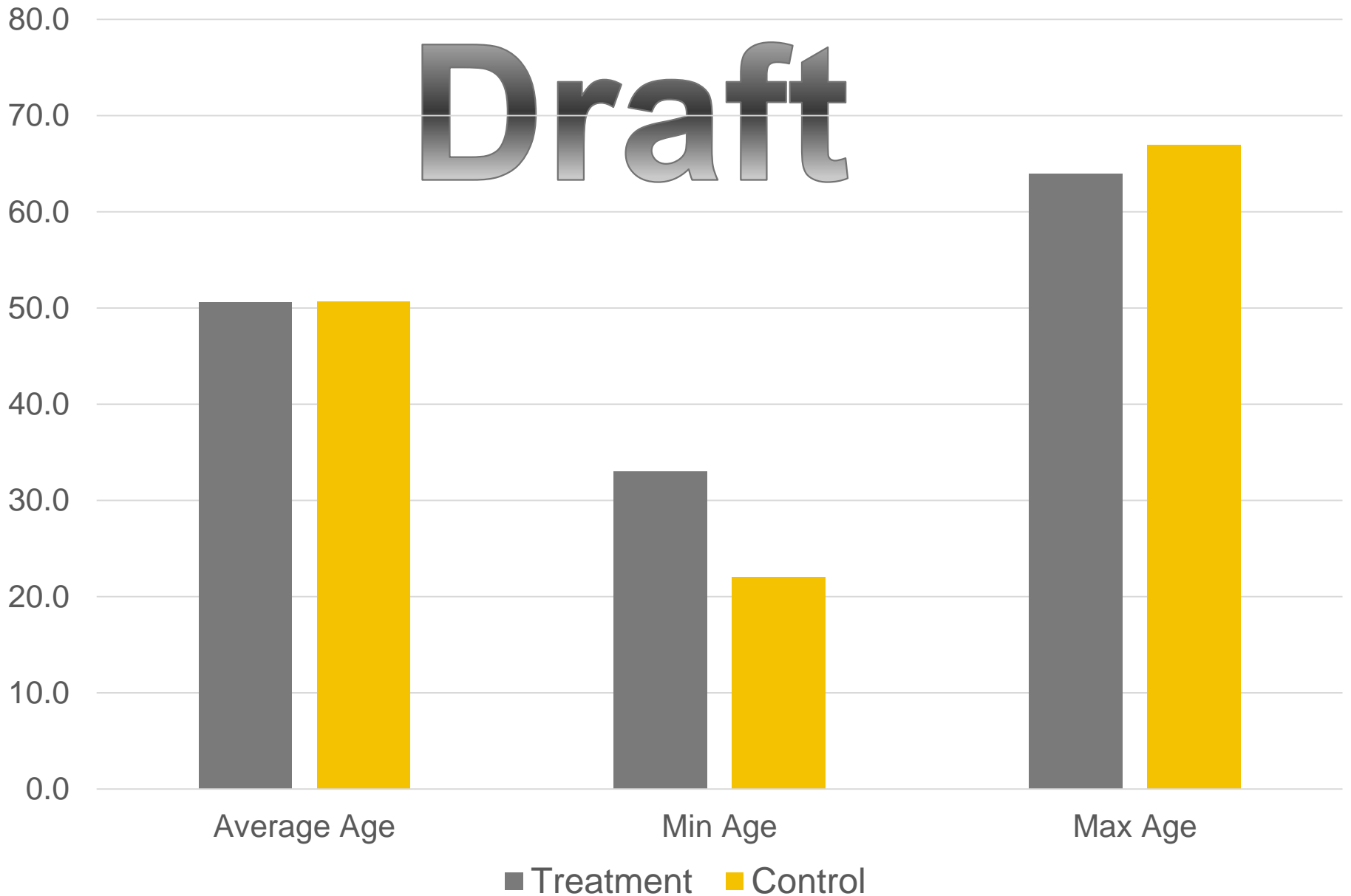


Ethnicity - Treatment and Control Groups



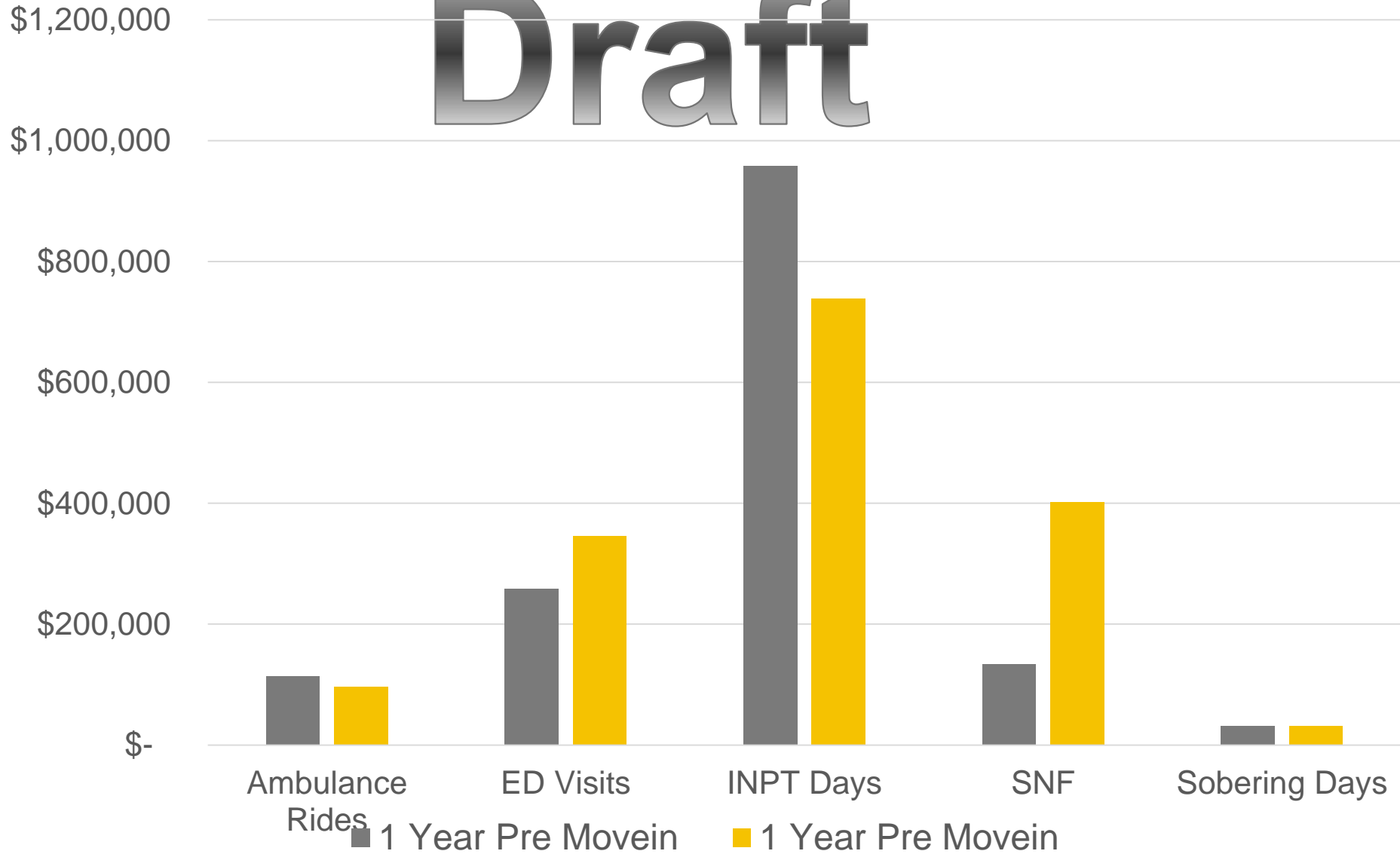
Age - Treatment and Control Groups

Draft

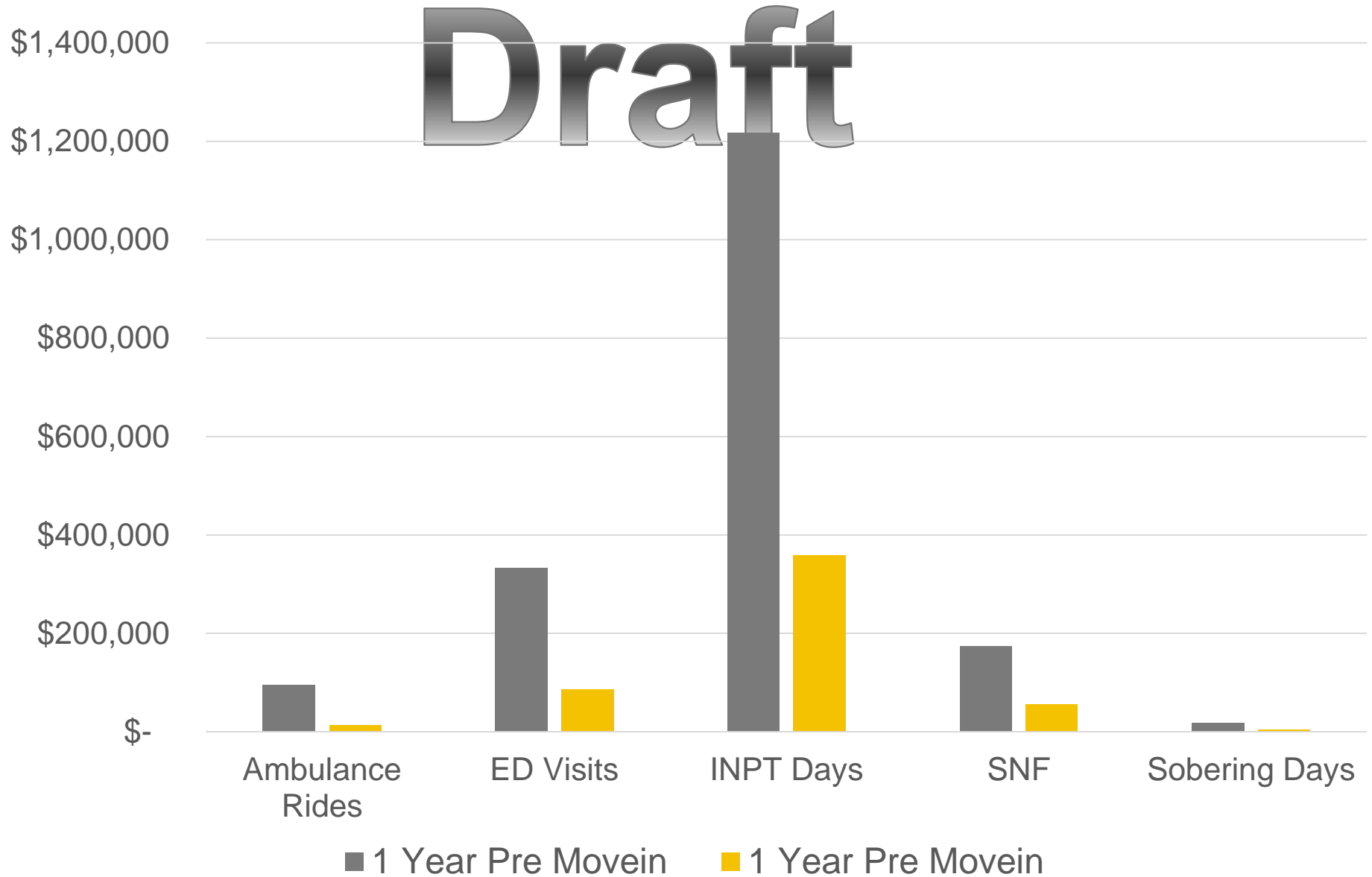


Control Group Healthcare Cost

Draft

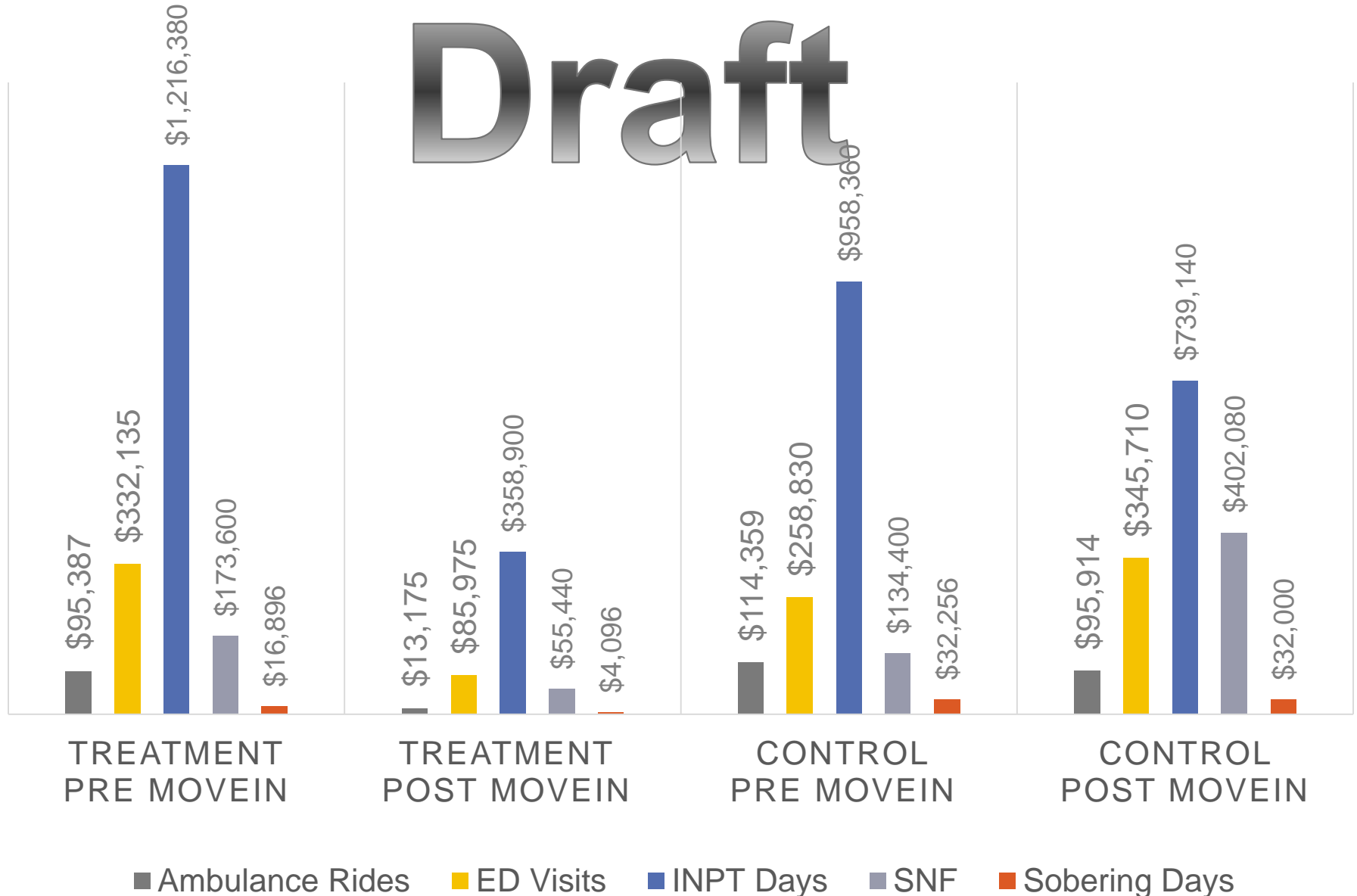


Treatment Group Healthcare Cost

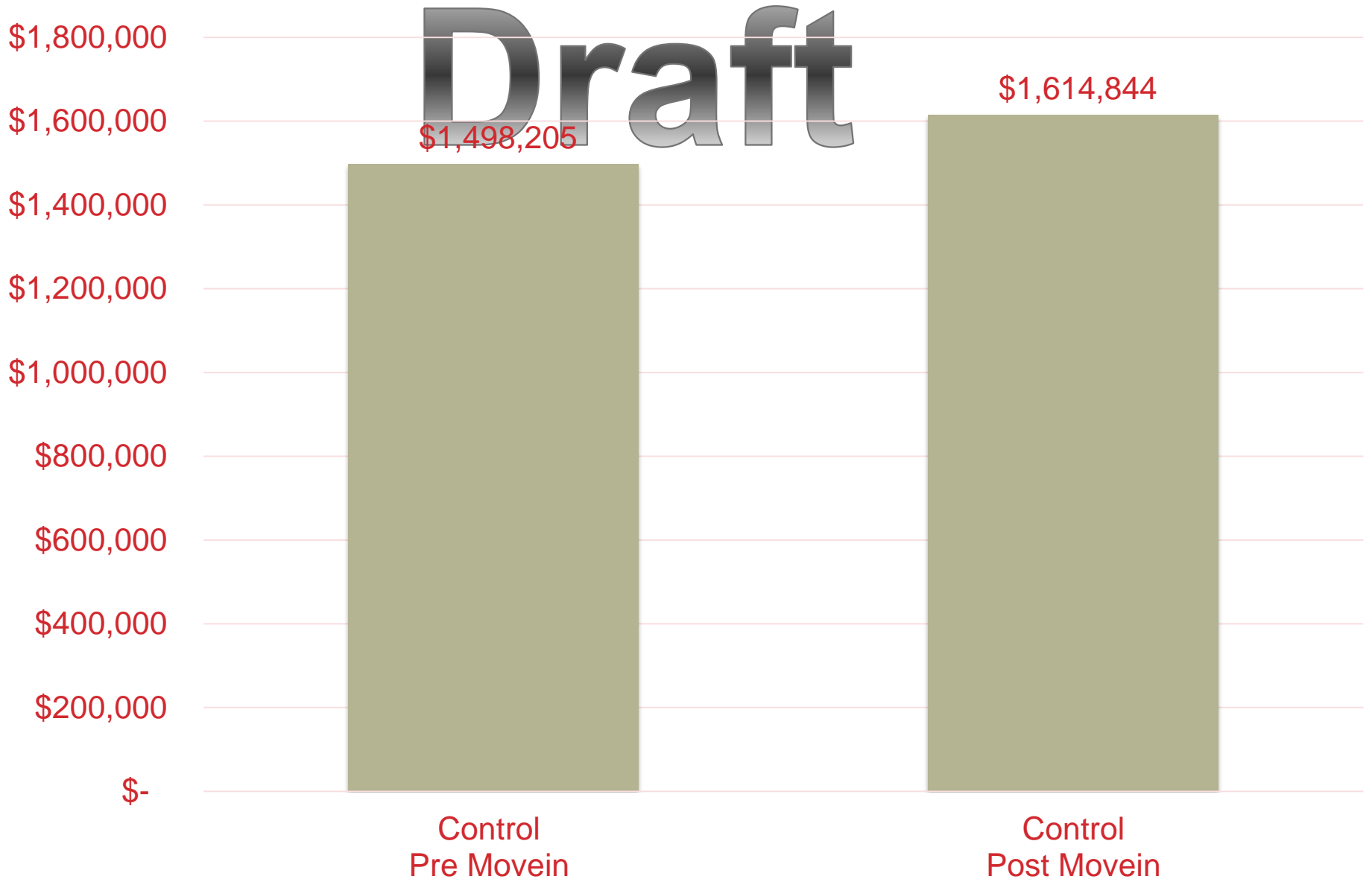


TREATMENT AND CONTROL HEALTH CARE COSTS ONE-YEAR PRE AND POST MOVEIN

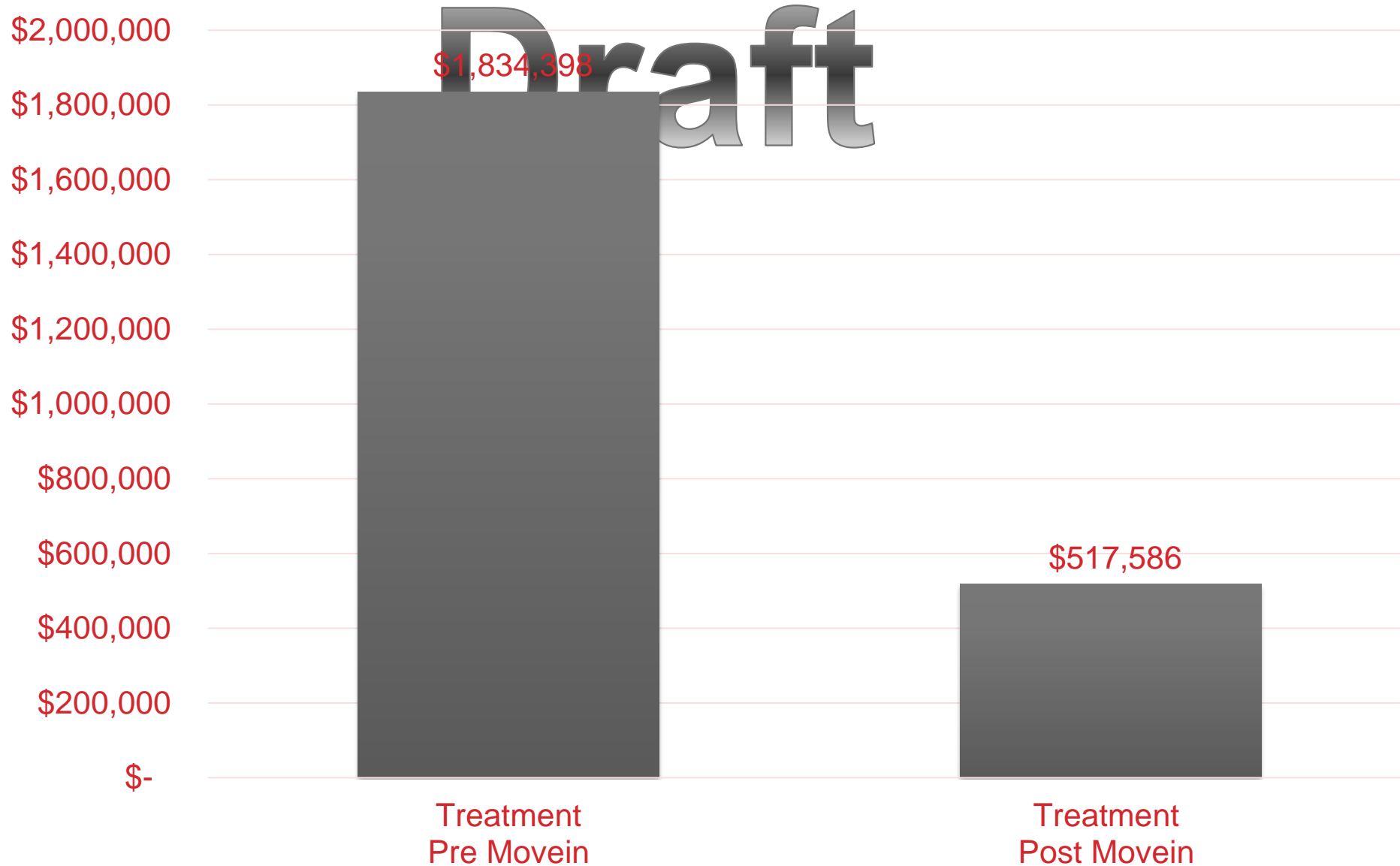
Draft



Control Group Total Healthcare Cost 1 Year Pre/Post Move-in



Treatment Group Total Healthcare Cost 1 Year Pre and Post Move in



HOUSING AS HEALTHCARE

Joshua D. Bamberger, MD, MPH
SF Dept. of Public Health & Mercy Housing
University of California, San Francisco

joshdbamberger@gmail.com