Rural Health Care Employment
Jasmine Walker, BA, Mary Quaile, BA, Dmitry Tumin, PhD

ABSTRACT
Nationally representative sample suggests that rural upbringing is strongest predictor of health care workers being employed in rural areas.

RESULTS

Rural Employment
Predictors
- Raised in rural area
- White
- Female
- < College education

Urban Employment

Rural + Urban Employment
Predictor
- Physician

14%
71%
15%

DISCUSSION
- Fewer medical students are from rural backgrounds
- A larger proportion of the rural health care workforce is made up of workers with less than a college education.
- Rural upbringing is important predictor which can be used to shape interventions to promote growth of rural health care workforce

REFERENCES

INTRODUCTION
- Shortage of rural health care workers is a concerning public health issue
- Many previous studies focus on cross-sectional employment data and cannot track migration.
- Many previous studies do not include non-physicians in sample.

MATERIALS & METHODS
- Nationally representative sample
- National Longitudinal Survey of Youth - 1979 cohort
- Multinomial logistic regression analysis

Health Care Workforce
Physician
Physician
Dentist
Optometrists
Podiatrists

Non-physician
Registered Nurse
Pharmacists
Therapists
Lab technicians
Dental hygienists
Health technologists
Dental assistants
Nursing aides