



Tele-health in the U.S. Virgin Islands: Investigating the Possibilities of Increasing Early Screening and Diagnosis of Developmental Disabilities
 Sandra K. King, R.N., B.A. and Carla S. Perkins, MSSW, LCSW, LEND Trainees
 Kimberly Mills, PhD, BCBA-D, LEND Faculty
 Leadership Education in Neurodevelopmental and related Disabilities (LEND) Program
 Westchester Institute for Human Development, University Center for Excellence in Developmental Disabilities, New York Medical College and University of the Virgin Islands, University Center for Excellence in Developmental Disabilities



Background

- A critical need in the U.S. Virgin Islands is timely, accurate, and early diagnostic assessment.
- Health care options are limited due to the geographic isolation of the USVI, and limited access to full federal Medicaid funding.
- 55% of 5-year-old children entering public school were 6 months to over a year behind developmental age-expectations in language and comprehension skills.
- 40% of VI children entering public kindergarten also lacked adequate, age-expected cognition skills.

Objectives

- To explore the possibility for a tele-health Initiative in the U.S. Virgin Islands.
- Promote increased access to healthcare.
- Increase the early screening and diagnosis of developmental disabilities.

Methods

- A Mixed Method Study Design to measure attitudes and interest toward tele-health services by current and potential users .
- The survey instrument is designed from various tele-health survey instruments and researcher created questions.
- Sample population is ethnically, economically and educationally diverse groups of adults

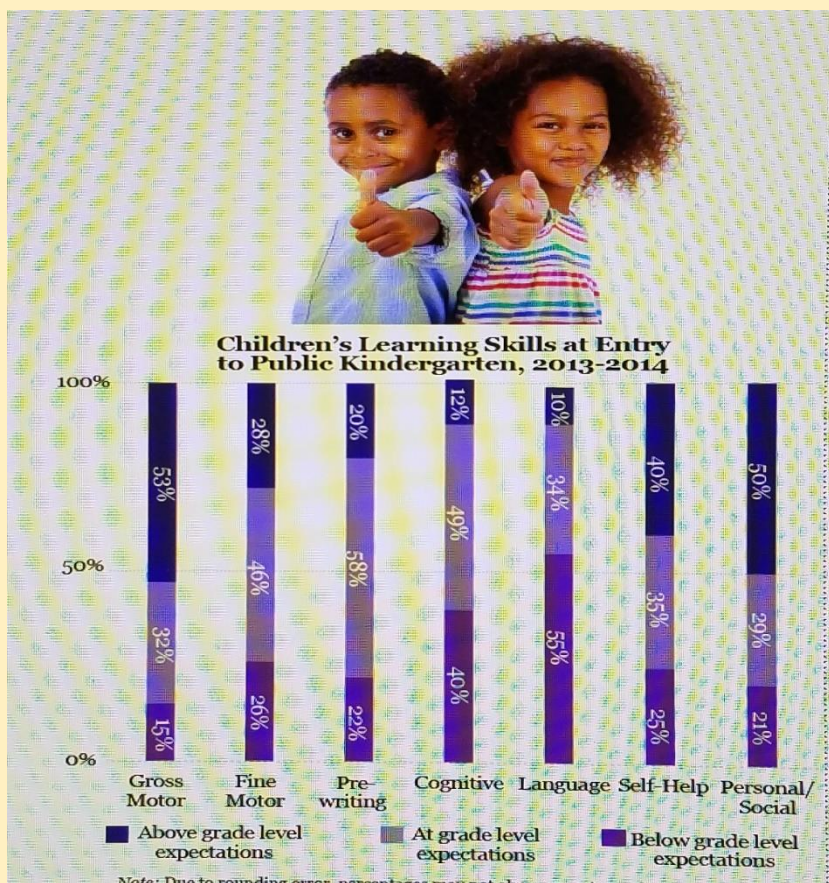
Community Partners

- Disability Rights Center of the Virgin Islands
- Maryland Center for Developmental Disabilities (Advisory Capacity)
- Other local partners

Results/Progress to Date

Discussion/Next Steps

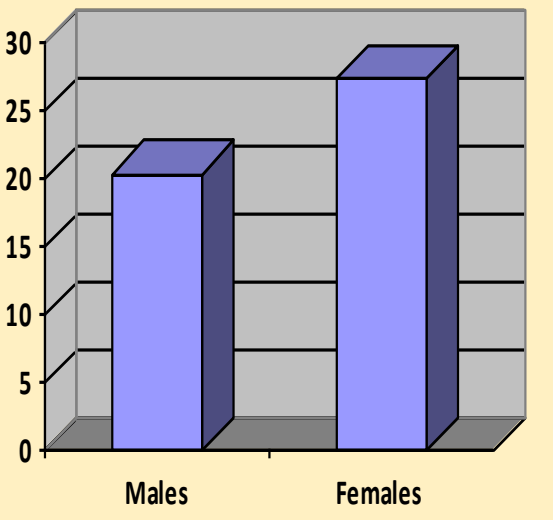
- Refining/translating questions
- Refining methodology
- Creation of codes for qualitative data analysis
- Develop recruitment plan
- Upload final version of survey instrument to make available online



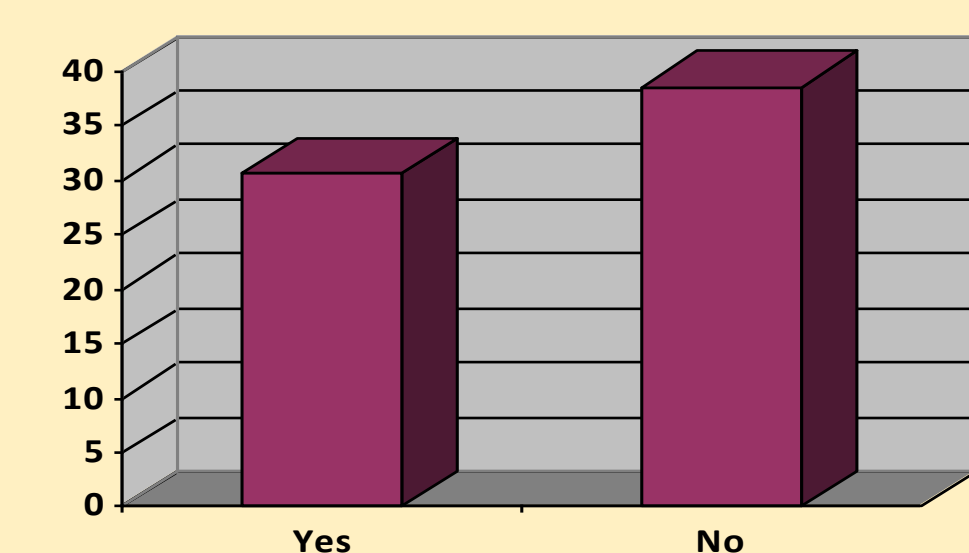
Kids Count, (2015)

Gender Data

Sample Data



Likelihood to Use Tele-Health



Age of Respondents Children

Sample Data

