

B-3 Interagency Council Presentation

Paul Lanier, PhD
October 16th, 2019



THE UNIVERSITY
of NORTH CAROLINA
at CHAPEL HILL

The cover features a circular graphic at the top left with three segments: 'Healthy' (children playing), 'Safe and Healthy' (a woman with a child), and 'Learning and Ready to Succeed' (a man with a child). The title is in large white letters on a dark blue background. Below the title is a white box with the text 'FINAL REPORT | AUGUST 31, 2019'. The central image is a collage of three photos: a woman holding a child, a man pushing a child on a tricycle, and a close-up of hands holding each other.

PRESCHOOL DEVELOPMENT GRANT B-5
**SURVEY OF EARLY CHILDHOOD
EDUCATION DATA USERS**

FINAL REPORT | AUGUST 31, 2019

THE UNIVERSITY
of NORTH CAROLINA
at CHAPEL HILL

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NC DEPARTMENT OF
**HEALTH AND
HUMAN SERVICES**



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SOCIAL WORK



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- Full report now available online through
UNC Jordan Institute for Families website
(jordaninstituteforfamilies.org)





Context

2019 Birth to 3rd Grade Interagency Council Progress Report

Data Driven Improvement and Outcomes:

- **Rec. 1:** Undertake an analysis and assessment of the 0–8 data landscape, including data quality, data ownership, data governance, data access, data systems, and data gaps.
- **Rec. 2:** Conduct a broad survey among teachers, administrators, policy-makers, governmental agencies, organizations and other stakeholders of the 0 – 8 data to which they would like to have access on a regular basis and what types of questions they would like to have answered.



Methods

- Survey drafted, piloted, and fielded in May 2019
- Distributed widely via email lists, social media, and fliers at in-person events
- 206 unique “clicks”
- Most items n~100

North Carolina Early Childhood Data Users Survey

Do You Use Data? Work in Early Childhood?

We are inviting you to respond to this survey as an early childhood data user in North Carolina. Whether you work in education, health, child welfare, or another sector, your perspectives are highly valued.

We want to hear from you!

Survey available through June 14th at:

<http://bit.ly/NCPDG>



If you have questions or would like more information, please contact the UNC Research Team: Paul Lanier at planier@email.unc.edu or Katherine Bryant at katherine_bryant@med.unc.edu.

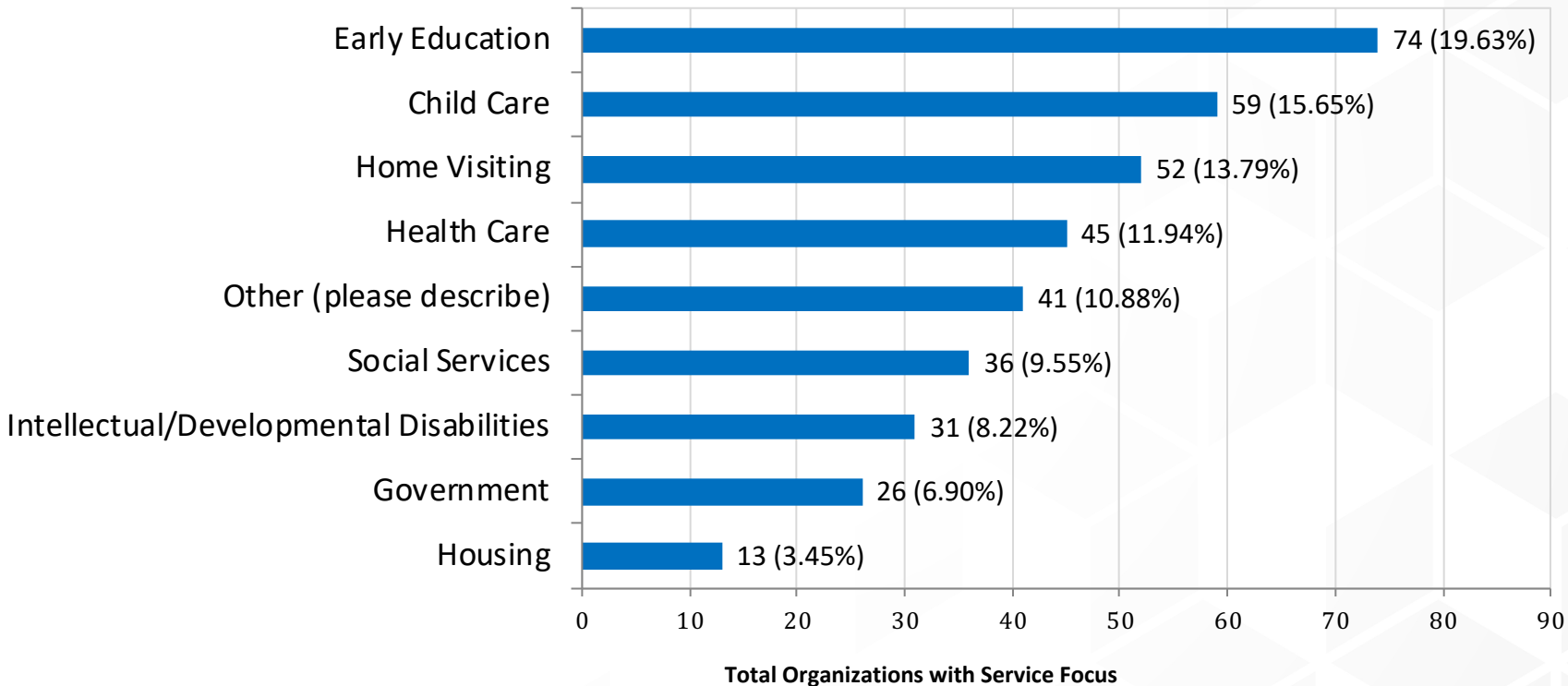


Methods – Respondent Orgs

- NC Department of Health and Human Services (25)
- Local Smart Start/Partnership for Children (9)
- Duke University (5)
- UNC Chapel Hill (5)
- Alamance Achieves / Cone Health
- Autism Society of NC
- Book Harvest
- Burke County Public Schools Parents as Teachers
- Center for Environmental Farming Systems
- Charlotte Bilingual Preschool
- Child Care Resources Inc.
- Child Care Services Association
- Child First, Inc.
- Coastal Horizons Center
- Community Action Opportunities
- Community Care of North Carolina
- Davidson County Schools /Parents as Teachers Program
- Duplin County Schools Pre-K
- Durham County Government
- East Coast Migrant Head Start Project
- Families Moving Forward
- Family Connects International
- Forsyth Tech Community College
- Gaston Family Health Services
- Guilford Child Development
- Head Start Rockingham County
- Hoke County Parents as Teachers
- Imprints Cares
- Institute for Emerging Issues, NC State University
- Intermountain Children's Services, Inc.
- Iredell County Health Dept.
- Kannapolis City Schools/ Kannapolis BOE Head Start
- Kids First, Inc. Child Advocacy Center
- LeGrande Learning Center
- Macon Program for Progress 0-5 Head Start
- Mecklenburg County Public Health/ Health Department
- MomsRising
- Moore County Schools
- NC Center for Health and Wellness
- NC Child
- NC CDSA, Mecklenburg County
- NC Cooperative Extension - Lenoir County
- NC Early Childhood Foundation
- NC Homeless Education Program
- NC Partnership for Children
- NC Pre-K in Bertie County
- NC State University
- North Carolina General Assembly
- North Carolina Institute for Public Health
- North Carolina Institute of Medicine
- Our Children's Place of Coastal Horizons Center
- Pitt County Health Department
- Prevent Child Abuse NC
- Reach Out and Read Carolinas
- Ready for School, Ready for Life
- Resiliency Task Force Wilmington
- Rockingham County Head Start
- STEP's Developmental Academy, Inc.
- Southwestern Child Development Commission
- The Duke Endowment
- The Enola Group
- Third Sector
- University of Virginia
- Uplift Comprehensive Services/The Power of U
- Verner Center for Early Learning
- Wake County Public Schools Parents as Teachers
- Wayne Action Group for Economic Solvency, Inc. (WAGES)
- Western Carolina Community Action
- YMCA of Greater Charlotte - Parents as Teachers
- YWCA Lower Cape Fear
- Yadkin County Human Services Agency
- Yadkin County Women, Infants, & Children (WIC)
- Yadkin Valley Economic Development District Inc. Head Start



Survey Respondent Service Population





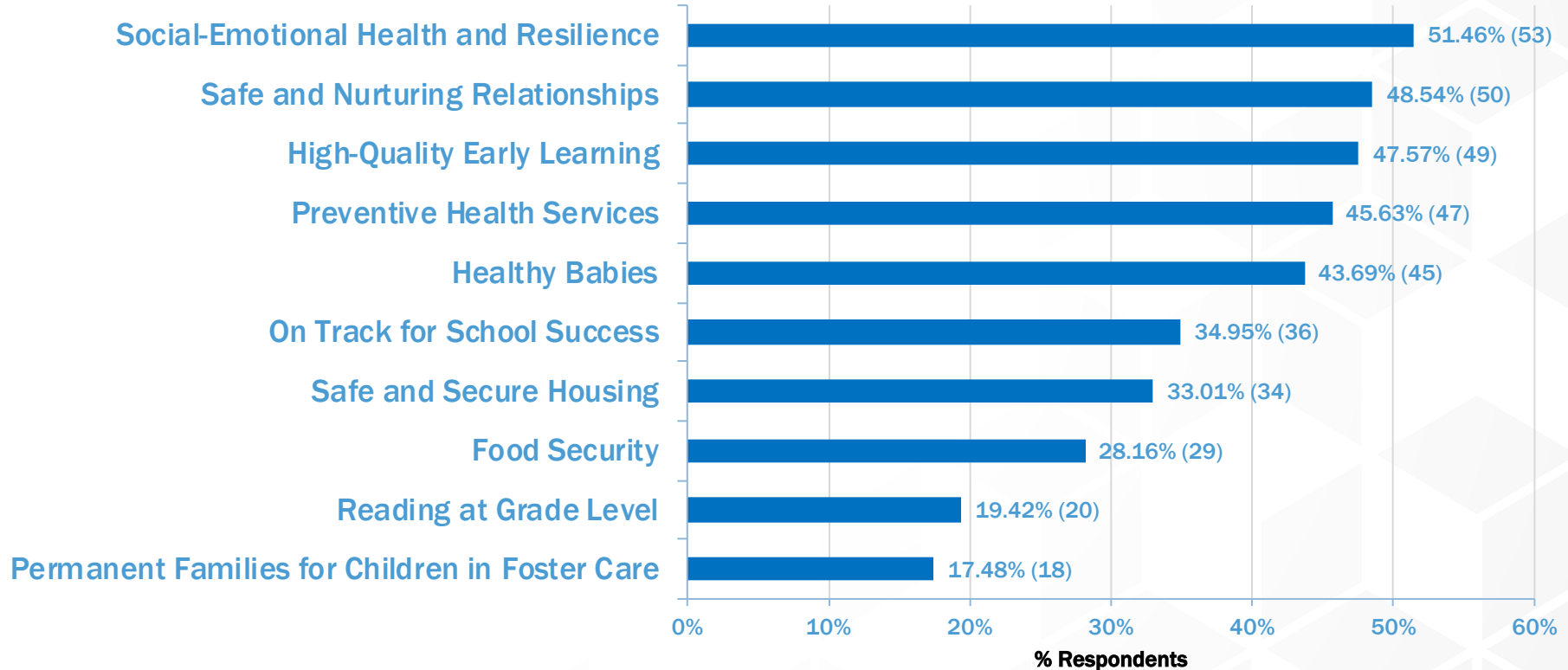
Survey Format

1. Generating Primary Data
2. Using Secondary Data
3. Integrating Data
4. Barriers/Facilitators
 - Open-ended comments



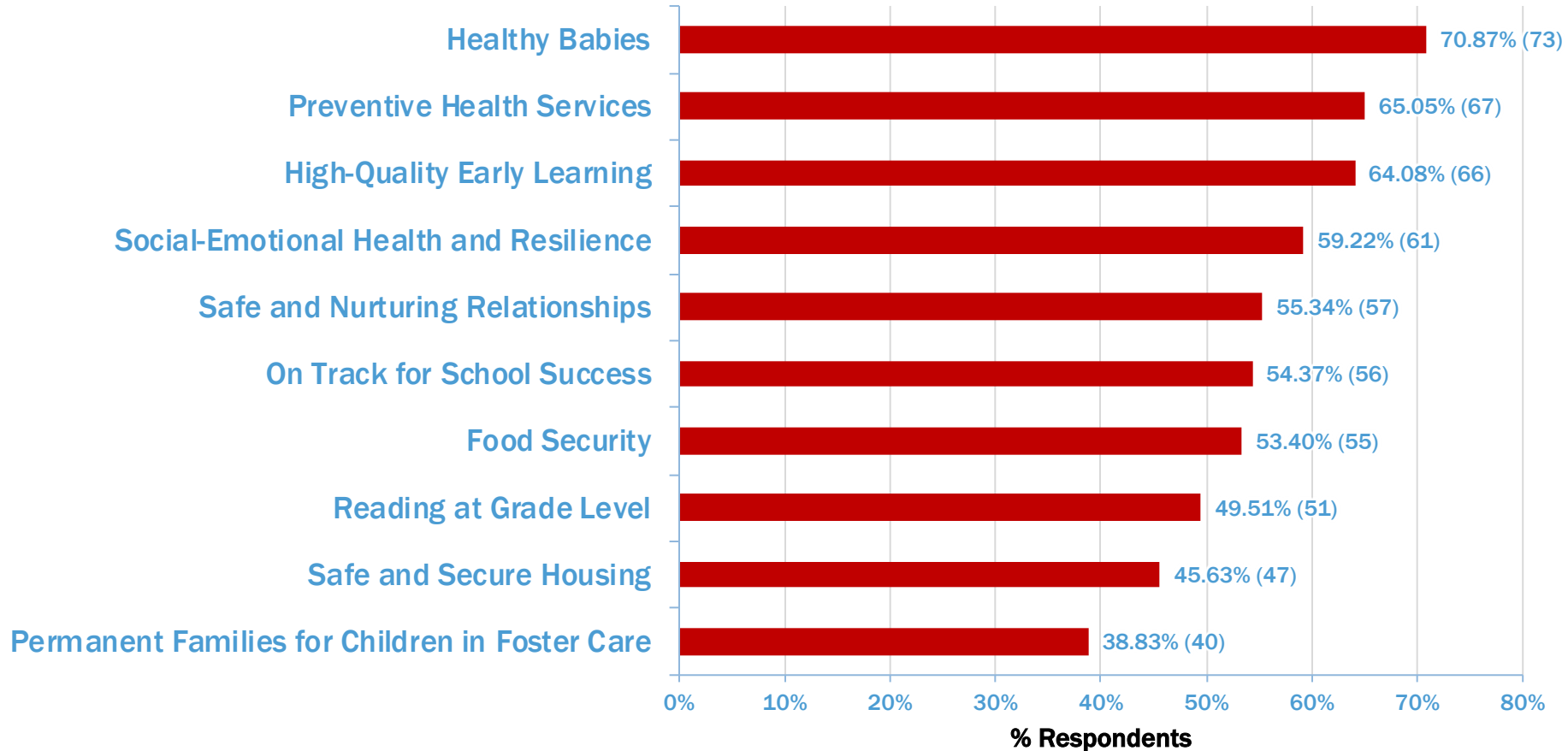


Results – Generating Primary Data by ECAP Goal Area



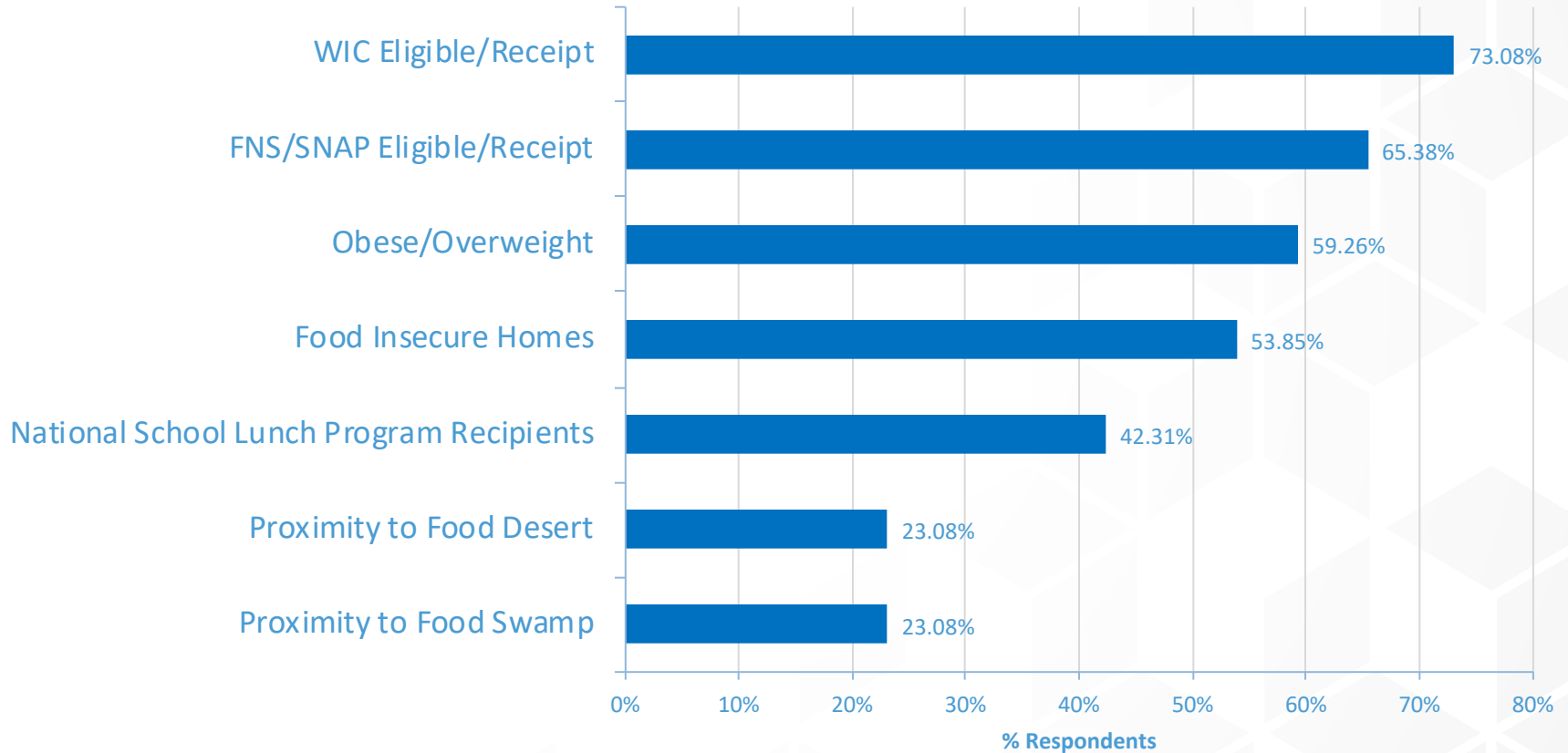


Results – Using Secondary Data by ECAP Goal Area



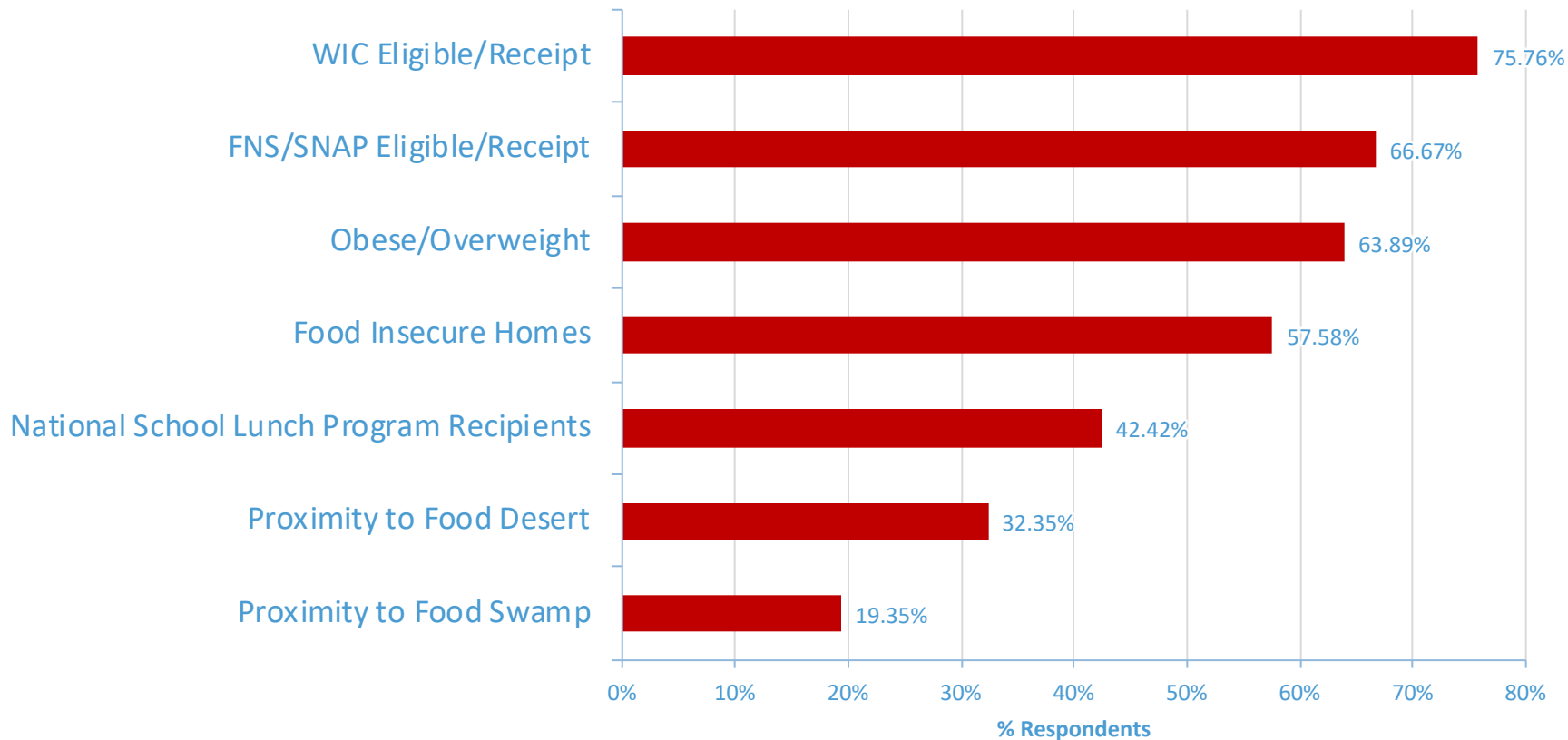


Data Gaps: Example Food Security – Primary Data





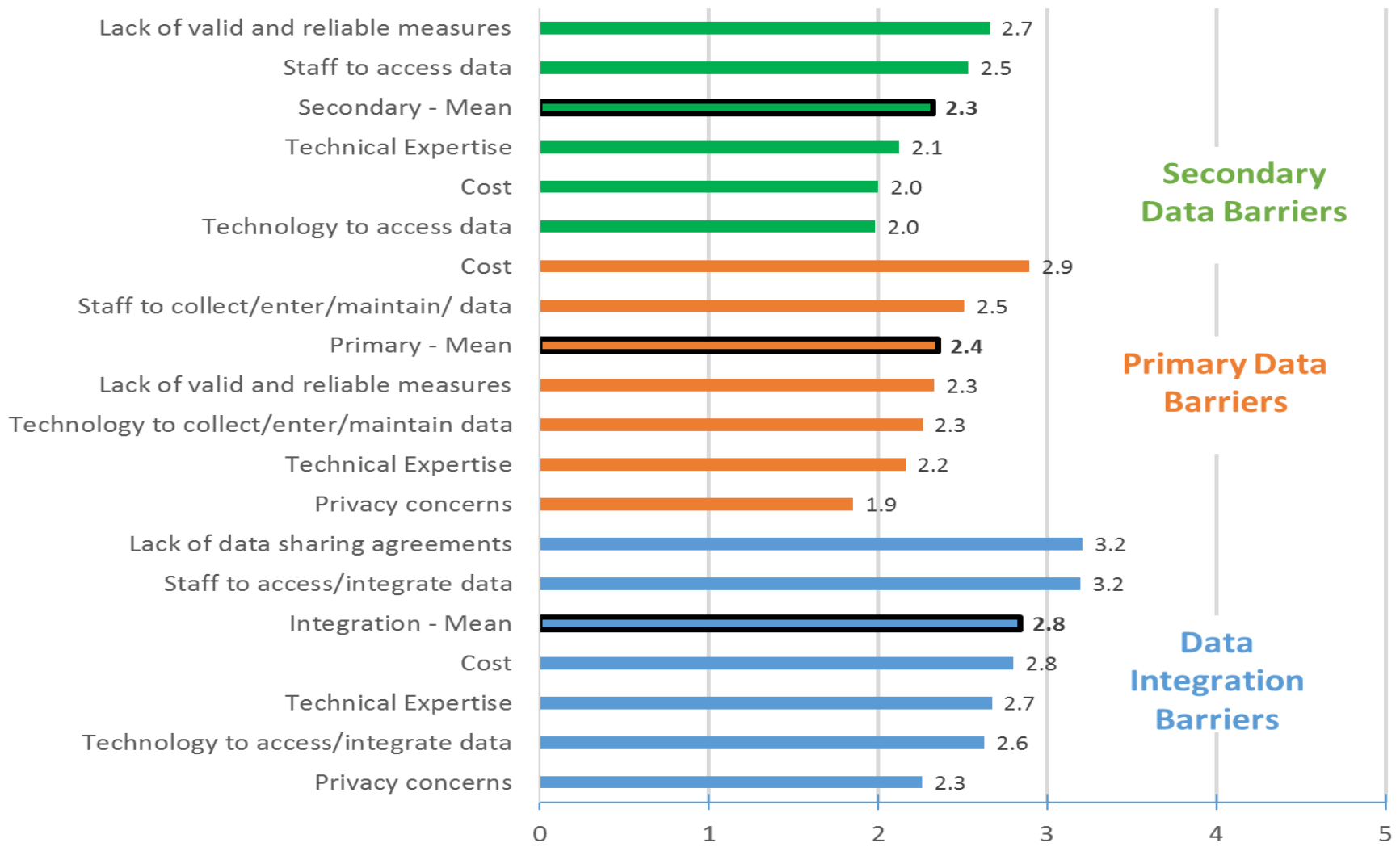
Data Gaps: Example Food Security – Secondary Data





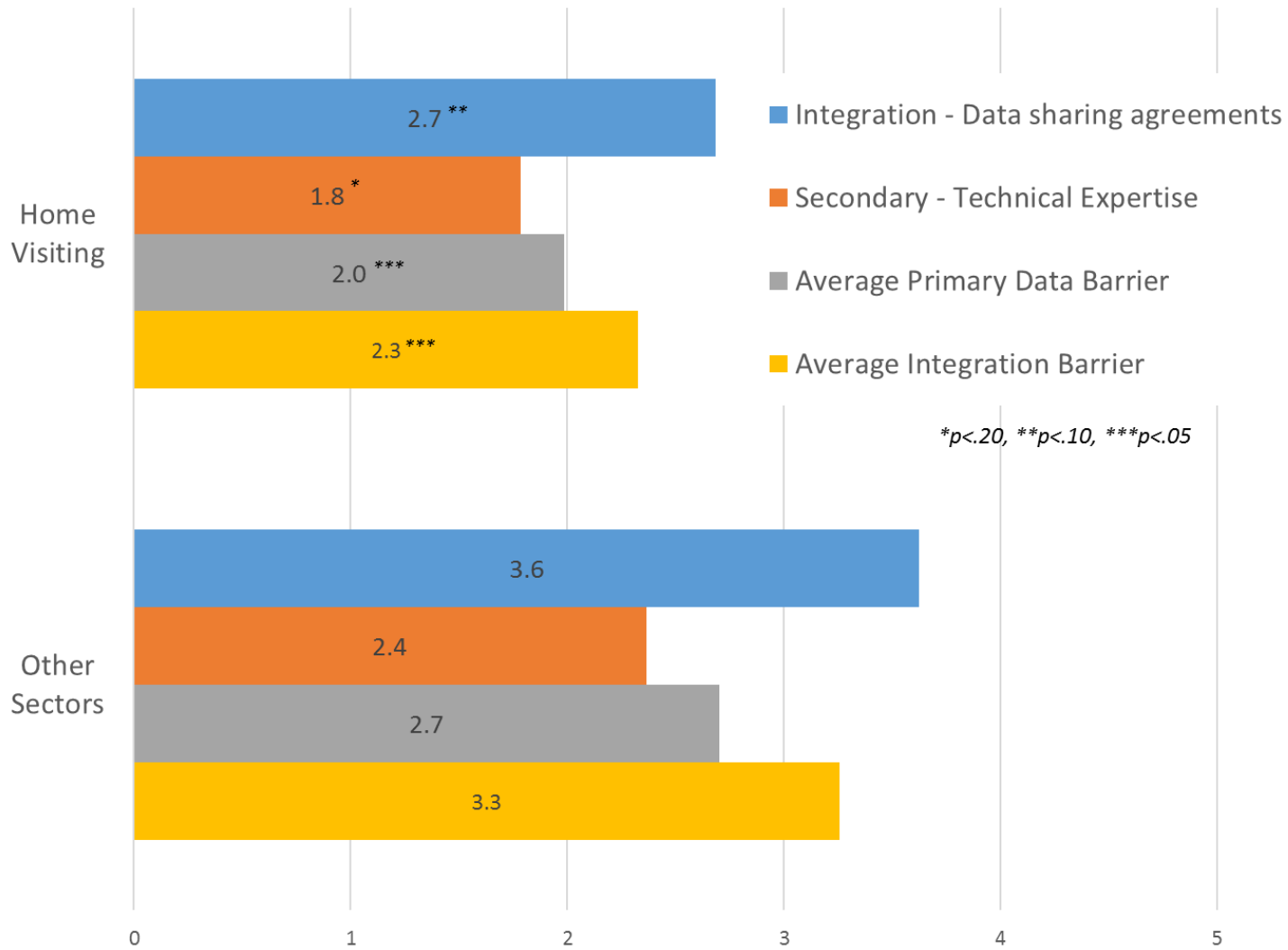
Barriers to Data Use

- Barriers asked about:
 - Privacy concerns
 - Staff/Technical expertise
 - Technology to collect/enter/maintain data
 - Lack of valid and reliable measures
 - Cost
- Used a 0-5 scale
 - 0 indicating “not a barrier at all”
 - 5 indicating “the greatest barrier we face”
 - a higher average score indicates a greater barrier



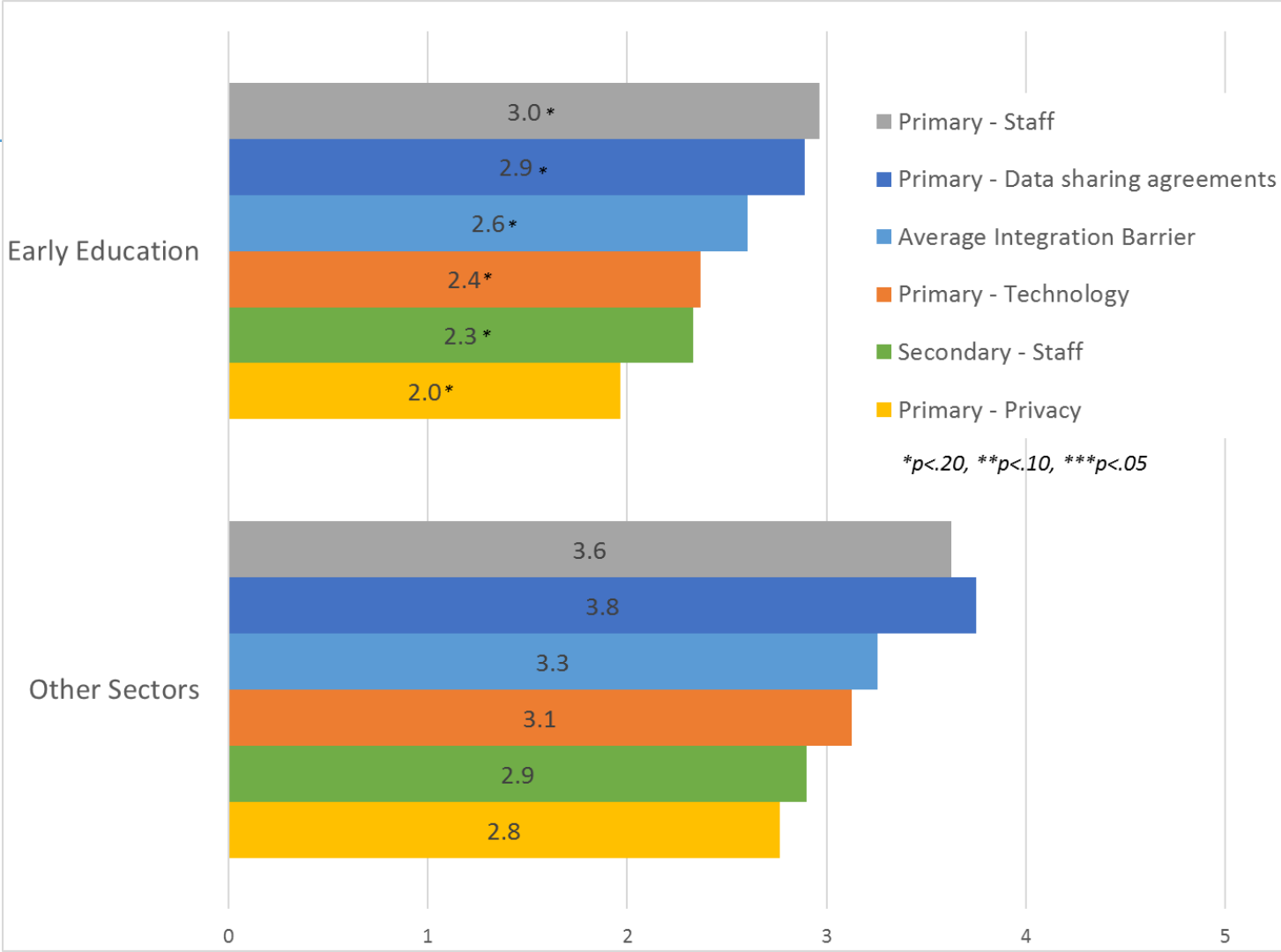


Barriers by Sector



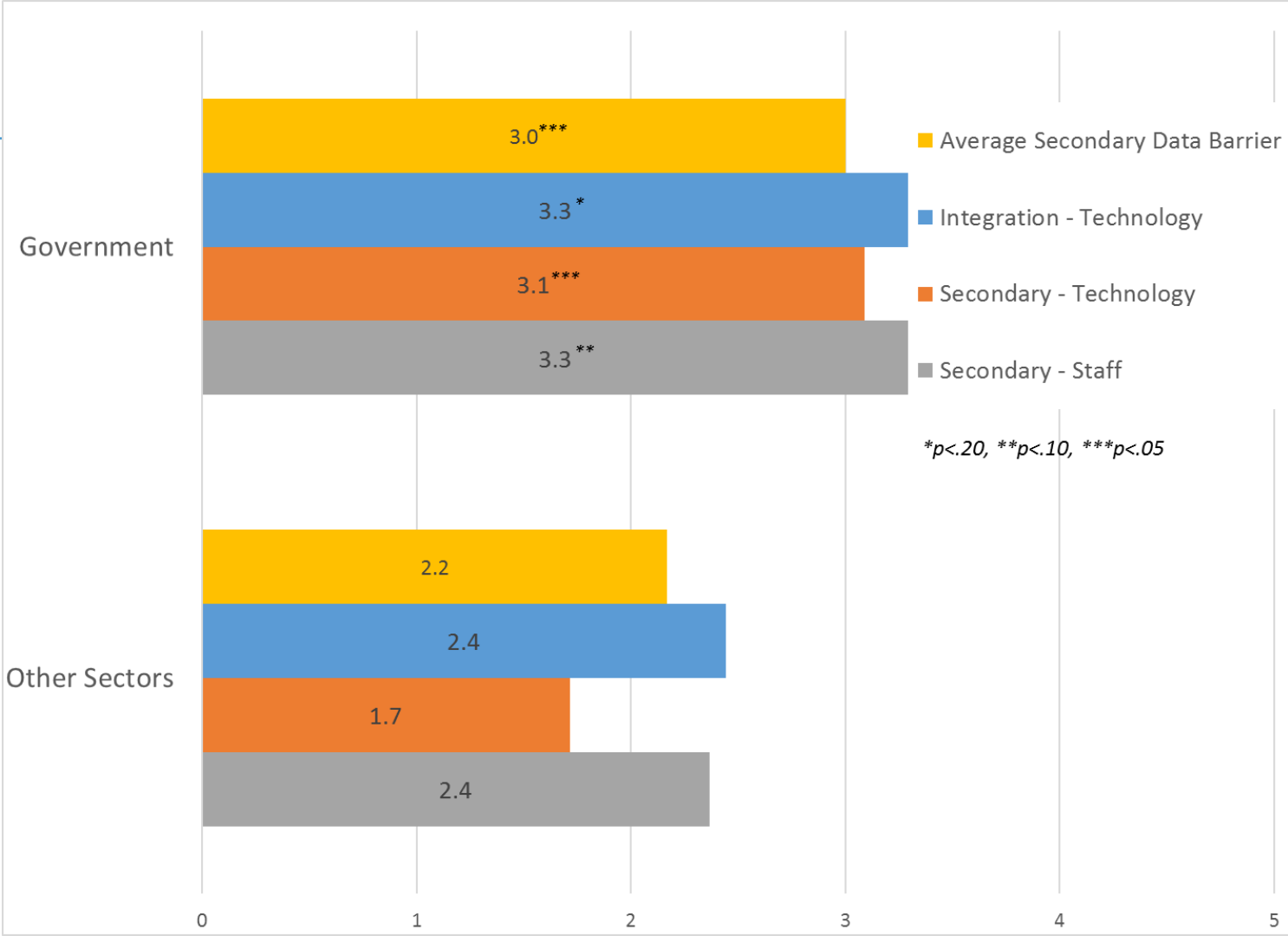


Barriers by Sector





Barriers by Sector





Open-Ended Comments

- *Question 1: What currently available data do you consider most useful to your organization? Why?*
- *Question 2: What data does your organization currently not have that would be most useful? Why?*
- *Question 3: Are there any aspects of an early childhood integrated data system that would be helpful to your position or organization?*
- *Question 4: Please share any additional information about the data needs of your organization/position.*



Findings Q1

Question 1: What currently available data do you consider most useful to your organization? Why?

56 responses with 88 discrete useful data types. Highly specific to the area of practice but mainly focused on **needs assessment** and **program evaluation**.



Findings Q2

Question 2: What data does your organization currently not have that would be most useful? Why?

56 responses with 72 discrete useful data types. Highly specific to the area of practice.



Findings Q3

Question 3: Are there any aspects of an early childhood integrated data system that would be helpful to your position or organization?

Of the 47 responses to this question, only two stated “no” or “not sure.” Respondents were enthusiastically positive.

- An integrated data system would provide a more complete representation of a child and family.
- A longitudinal data system could track children as they move in and out of various systems, helping to identify the long-term downstream “return-on-investment”



Findings Q4

Question 4: Please share any additional information about the data needs of your organization/position.

Comments reiterated the respondent's enthusiasm for initiatives to improve data access and use but also identified need for user-centered design.

“If we all really pooled our money AND really paid attention to the needs of the direct service providers/people doing the work and entering the data and worried about aggregation of data later in the process then you might find a system that met the needs on the ground as well as larger system/big picture needs.”



Recommendations

Recommendation One: Data quality and management. Build internal capacity in early childhood settings at the community level to collect, manage, and use data.

Recommendation Two: Data sharing. Support the sharing of data between organizations by providing legal, procedural, and policy guidance.

Recommendation Three: Purposeful data use. Provide technical assistance to early childhood organizations to access and leverage existing early childhood data from available public sources.

Recommendation Four: Data transparency at the state level. Provide accessible and timely information to improve access to state administrative data.

Recommendation Five: User-centered system. Better aligning data systems to equitably support the needs of all users.



Next Steps

- **“Data Roundtables”**
- Partner with NC Partnership for Children, local Partnerships, and NC Early Childhood Foundation
- Topics under consideration include:
 - Data needs for children in native and tribal populations
 - Disaster preparedness and response for children
 - Data sharing to serve families impacted by the opioid epidemic
 - Improving data use from the Kindergarten Entry Assessment
 - Suspension and expulsion in early childhood settings
 - Social-emotional health
 - Food Security
 - Safe and Secure Housing for Children
 - Congregate care