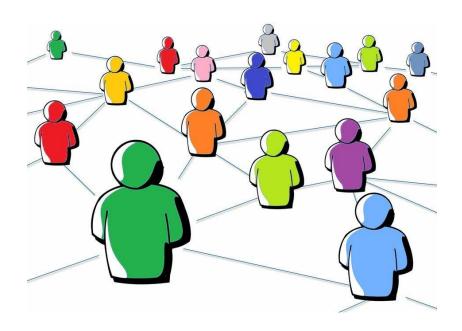


Place Based Social Network Analysis





Social networks (the individuals and the relationships among them) are an important component of children and families' environments



BACKGROUND

Disparities in social networks exist and may reinforce disparities in child health and well-being

We Want To Learn!

How to strengthen, grow, and interact in a social network to improve child health and well-being



SOCIAL CONNECTEDNESS Key Driver Diagram (KDD)

Project Leader(s): Carley Riley

<u>Global Aim</u>

To address social influences impacting child health outcomes, design and test a place-based quality improvement team in both Avondale and Price Hill led by activated families and supported via the Network

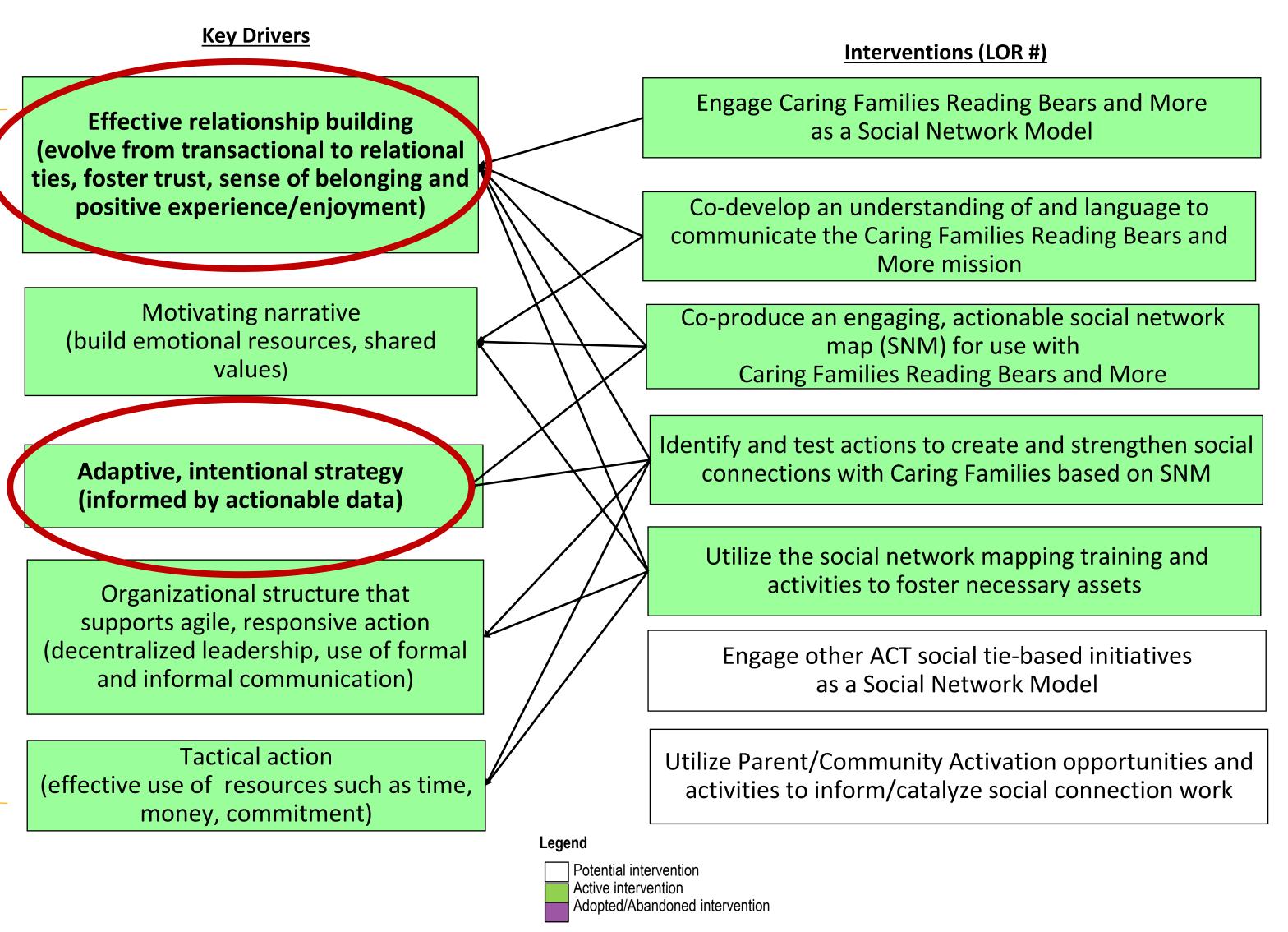
SMART Aim

To increase the number and strength of social connections of ACT families from X (baseline) to Y by 6/30/19

Population

~ 8,830 children <18 years in Avondale, East Price Hill, and Lower Price Hill

FY19: Members of ACT social groups or networks (e.g., Caring Families)



Revision Date: 2/5/2019 (v6)



Step 4: ACT

1. Find an approach to reach more members of the Reading Bears

2. Share social network data back to the Reading Bears group for discovery and new ideas

3. Co-produce a process to help members feel more connected

Step 3: STUDY

The Reading Bears social network has strong connections to one another

We also found that some members of the group felt isolated

of connections

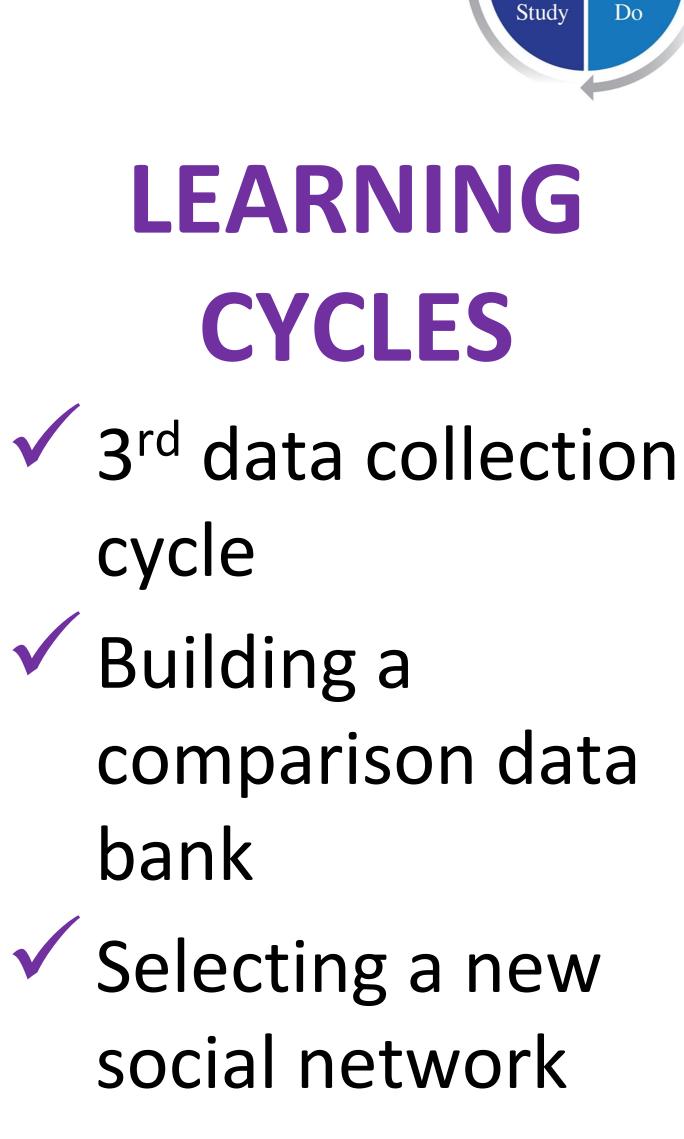
Social Network

Step 1: PLAN

- **Objective:** Learn how to strengthen, grow, and interact in a social network to improve child health and well-being
- **Prediction:** The social network will increase the strength and number

Step 2: DO

- 1. Establish Reading Bears as the
- 2. Co-produce with members a survey for data collection
- 3. Co-produce a data collection process that will help build a strong social network



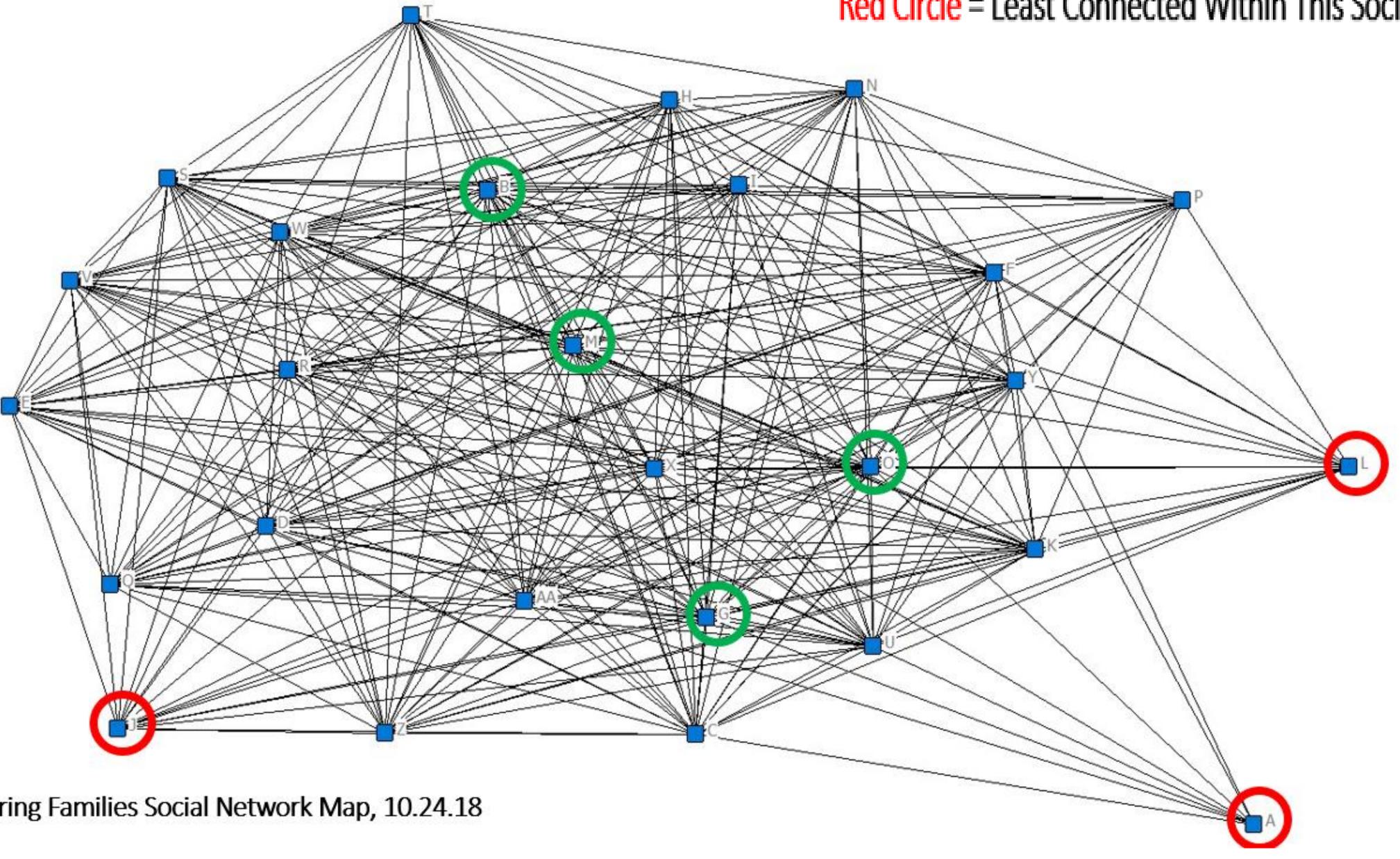








RESULTS



Caring Families Social Network Map, 10.24.18

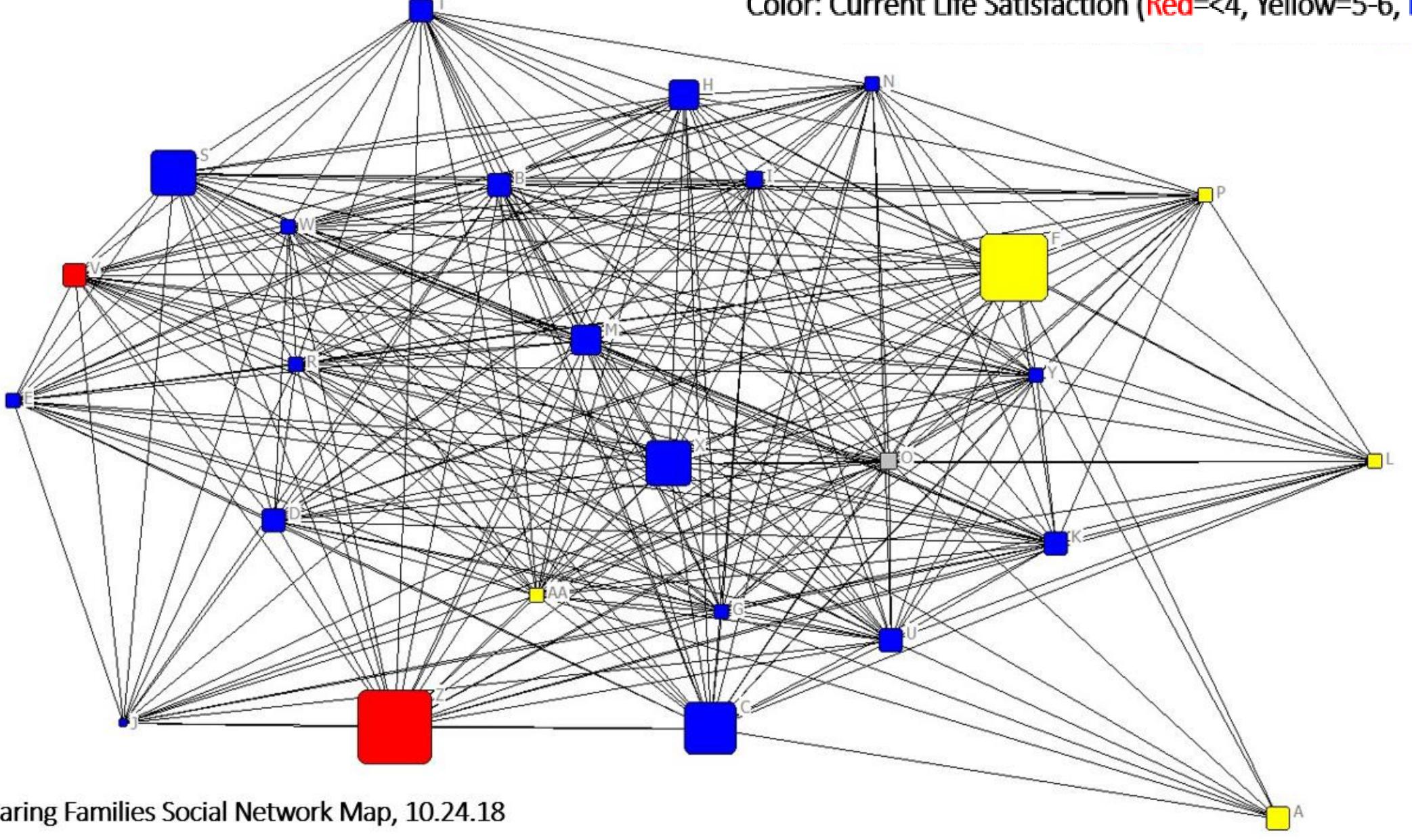
Green Circle = Most Connected Within This Social Network Red Circle = Least Connected Within This Social Network





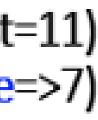


RESULTS



Caring Families Social Network Map, 10.24.18

Size: Number of Children Care For Regularly (Smallest=1, Largest=11) Color: Current Life Satisfaction (Red=<4, Yellow=5-6, Blue=>7)







MOST PROUD

The Caring Families Reading Bears and More Group has realized the benefits of social networks:

- Special attention to members who feel isolated
- Community organizing is happening!
- Focused on improving child wellbeing - specifically literacy







Building trust and commitment to activate community organizing

Introducing new concepts and activities of social network analysis

GREATEST CHALLENGE

"Want to learn more about Social Networks?"



Carley Riley carley.riley@cchmc.org Kristen Gasperetti kristen.gasperetti@cchmc.org **Allison Parsons** allison.parsons@cchmc.org Kate Rich katherine.rich@cchmc.org **Connie Stewart** constance.stewart@cchmc.org **Kirsten Zook** kirsten.zook@cchmc.org



