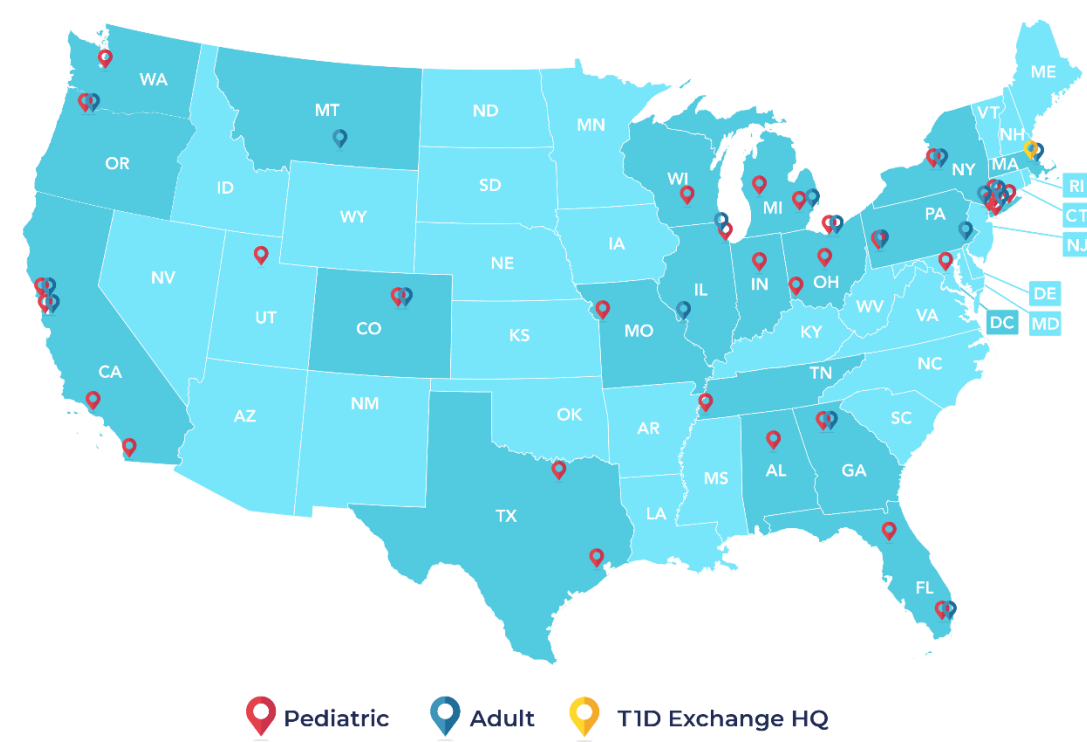


## Introduction:

- The T1D Exchange is a Boston-based nonprofit with a mission to improve the outcomes of people with T1D
- T1DExchange Quality Improvement Collaborative(T1DX-QI) is a learning network with 50 clinical centers caring for 75,000+ people with T1D across 20 US States
- T1DX-QI combined four broad areas to support QI capacity building: QI coaching, QI committee, online QI learning platform, and QI data sharing



## Objectives:

- To understand the perspective of QI coordinators on the QI resources provided and how useful the resources were in building their QI capacity
- To know if the duration and participation in the collaborative have contributed to QI capacity building

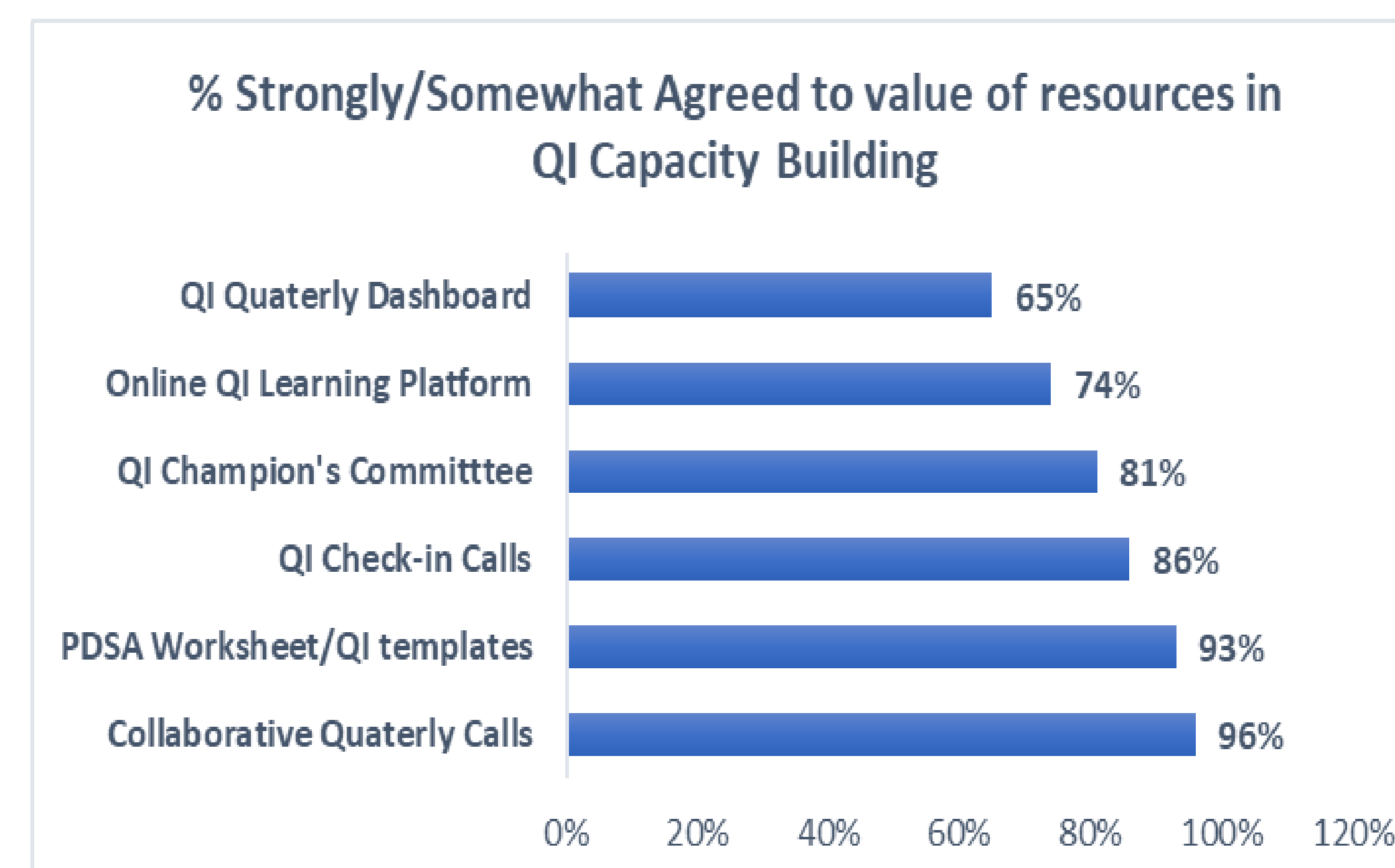
## Methods:

- T1DX designed a survey using a combination of Likert-type, multiple-choice, and open-ended questions to understand the perspective of QI coordinators on the QI resources provided by the collaborative. The survey was administered to 40 QI coordinators using Qualtrics

## Results:

- Analysis was based on 34 completed surveys
- 79% were pediatric site coordinators and 21% were adult site coordinators
- 100% of respondents feel empowered to use QI tools such as PDSA cycles, process maps, and Key Driver Diagram
- 96% of respondents agreed to increased QI knowledge since joining the collaborative
- 95% of respondents have been part of the T1DX-QI collaborative for 2 years or more.
- 96% of respondents agreed to increased QI knowledge since joining the collaborative

## Figure:



## Discussion:

- Other studies have described the benefits of online QI learning like the IHI open school in QI capacity building which is consistent with our findings. They include participants controlling learning time, reducing the burden on sites and instructors, delivers a unified QI curriculum to learners with varying degree of QI expertise(1)
- Studies have shown that QI team integration into external collaboratives have been helpful in building QI capacity(2) consistent with the result from this study
- Performance data monitoring is an important aspect of QI capacity building. There is a need to integrate this in the everyday work so QI coordinators can find more value in it.

## Conclusion:

- This study provides insights to the types of resources that T1DX-QI have used to support QI capacity building among coordinators
- T1DX-QI capacity-building approach is feasible and continued expansion of resources will support the development of high-functioning team
- In addition to providing collaborative-wide QI resources, tailored clinic-based support is necessary to ensure successful QI performance
- Exploring funding opportunities and engaging leadership would further support QI capacity building

## Acknowledgement:

- The Leona M. and Harry B. Helmsley Charitable Trust for funding the T1DX-QI