Power of Capacity Building: Uniting Ryan White Recipient Networks to End Disparities Among Young Adults

INTRODUCTION

- Among persons served by the Ryan White HIV/AIDS Programs (RWHAP) in California (CA), young adults (ages 18-24) have lower rates of viral load suppression (VLS) compared to other age groups
 - Among Californians living with diagnosed HIV in 2018, 59% of young adults had achieved VLS compared to the statewide prevalence of 64%. RWHAP Part B data showed highest VLS disparities in young adults compared to other priority populations
- **Objective:** To reduce this disparity, the CA Clinical Quality Management (CQM) program implemented a statewide quality improvement (QI) project to increase VLS

METHODS & ACTIVITIES

QI Experts/Trainers

The CQM program partnered with QI experts from Population Health Improvement Partners to provide a six-month training program to RWHAP Part B subrecipients and service providers.

Participating Agencies by Tract

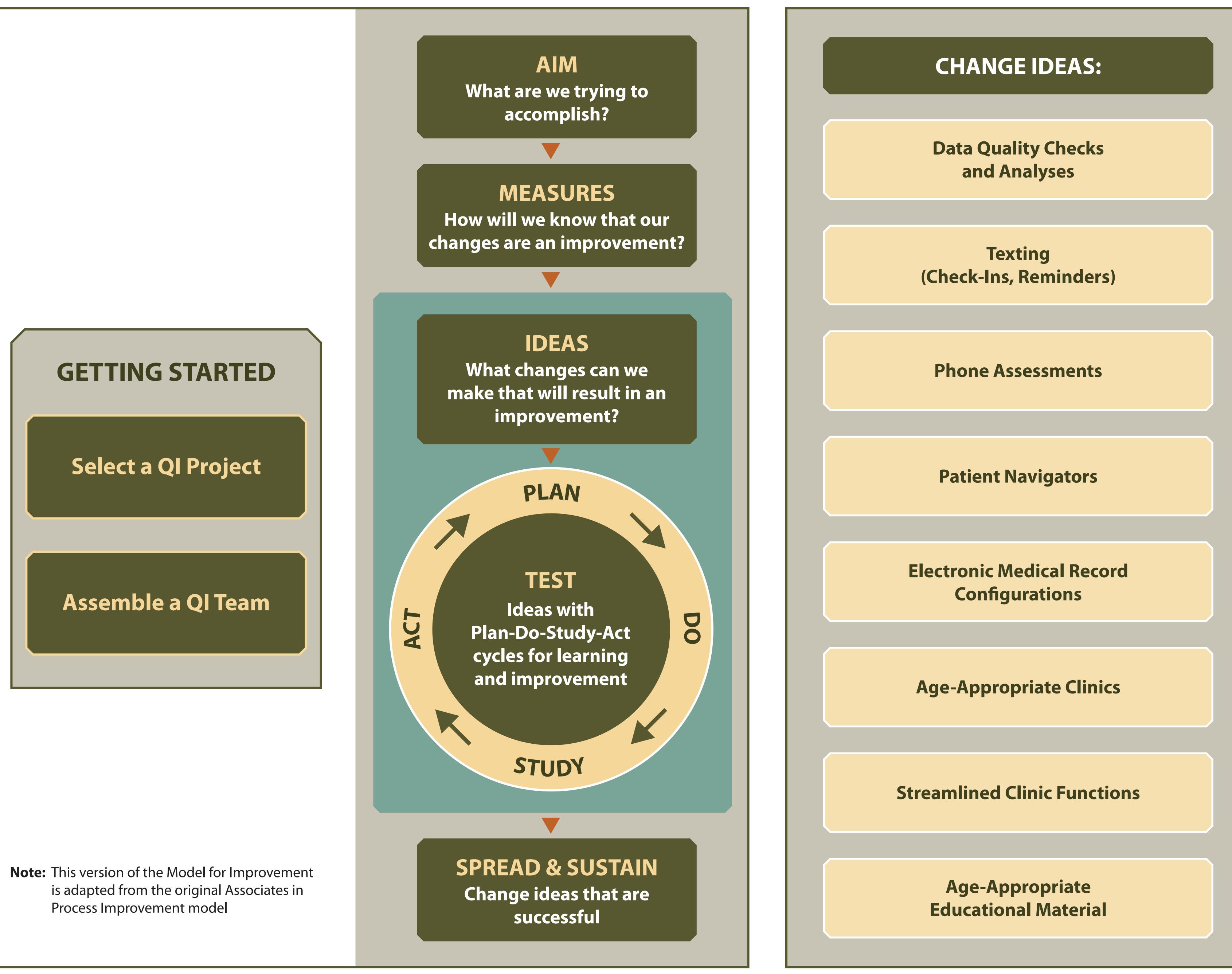
- <u>Universal Tract</u>: All 42 CA RWHAP Part B subrecipients and 54 subcontracted service providers were invited
- Intensive Tract: A subset of the universal tract (seven service providers representing seven subrecipients) implemented a QI project aimed to improve VLS among young adults

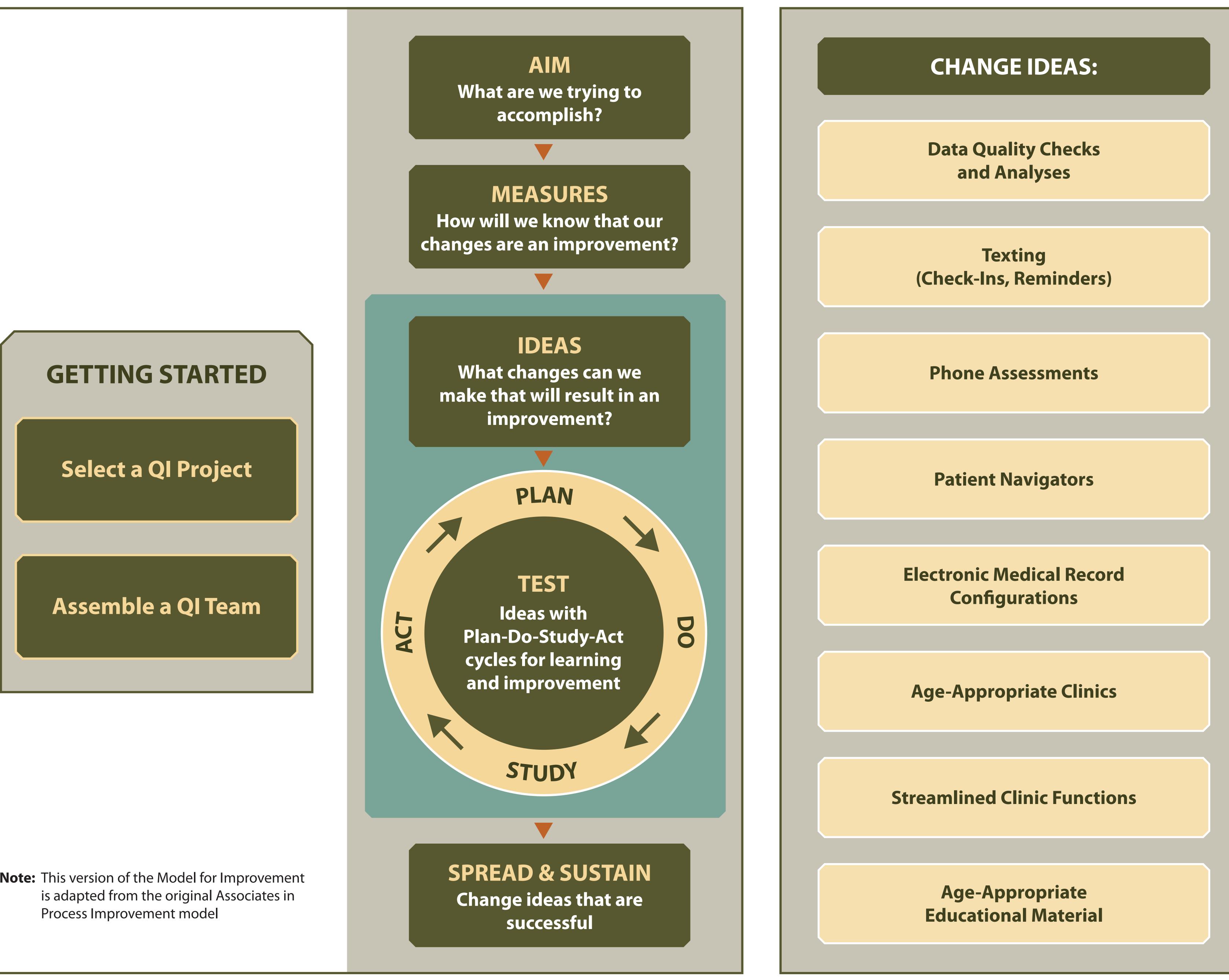
Selection of Intensive Tract Agencies

- disparities for young adults among RWHAP clients were identified
- <u>Readiness Assessment</u> Agencies were screened with a tool that assessed agency priorities, organizational culture, and capacity to ensure feasibility of implementing the QI project
- **QI Training Program**
 - Training Modality: Monthly webinars for all participating agencies; in-person workshops (one day for Universal Tract, two days for Intensive Tract), and group monthly coaching sessions for Intensive Tract
 - <u>Certificates and Continuing Educational Units (CEUs):</u> Certificate of completion and up to 16 hours of CEUs were provided for the in-person workshop



Training Curriculum – Focused on the Model for Improvement Methodology











METHODS & ACTIVITIES (cont.)

Assessment of QI Training

- Universal and Intensive Tract participants completed several surveys regarding their satisfaction with trainings, effectiveness of trainings, and understanding of QI concepts at several time points described below:
- » Pre- and post- training (entirety of six month program)
- » Prior to receiving CEUs and certificate of completion at in-person workshops
- » After each monthly webinar

• Survey response rate ranged from 93-100%

DISCLAIMER:

The findings and conclusions in this poster are those of the authors and do not necessarily represent the views of the California Department of Public Health.

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Assessment of QI Project Outcomes

 Pre-, Mid-, and Post- QI intervention VLS data was collected and reported from either the centralized AIDS Regional Information and Evaluation System (ARIES), participants' local databases, or electronic medical records

RESULTS

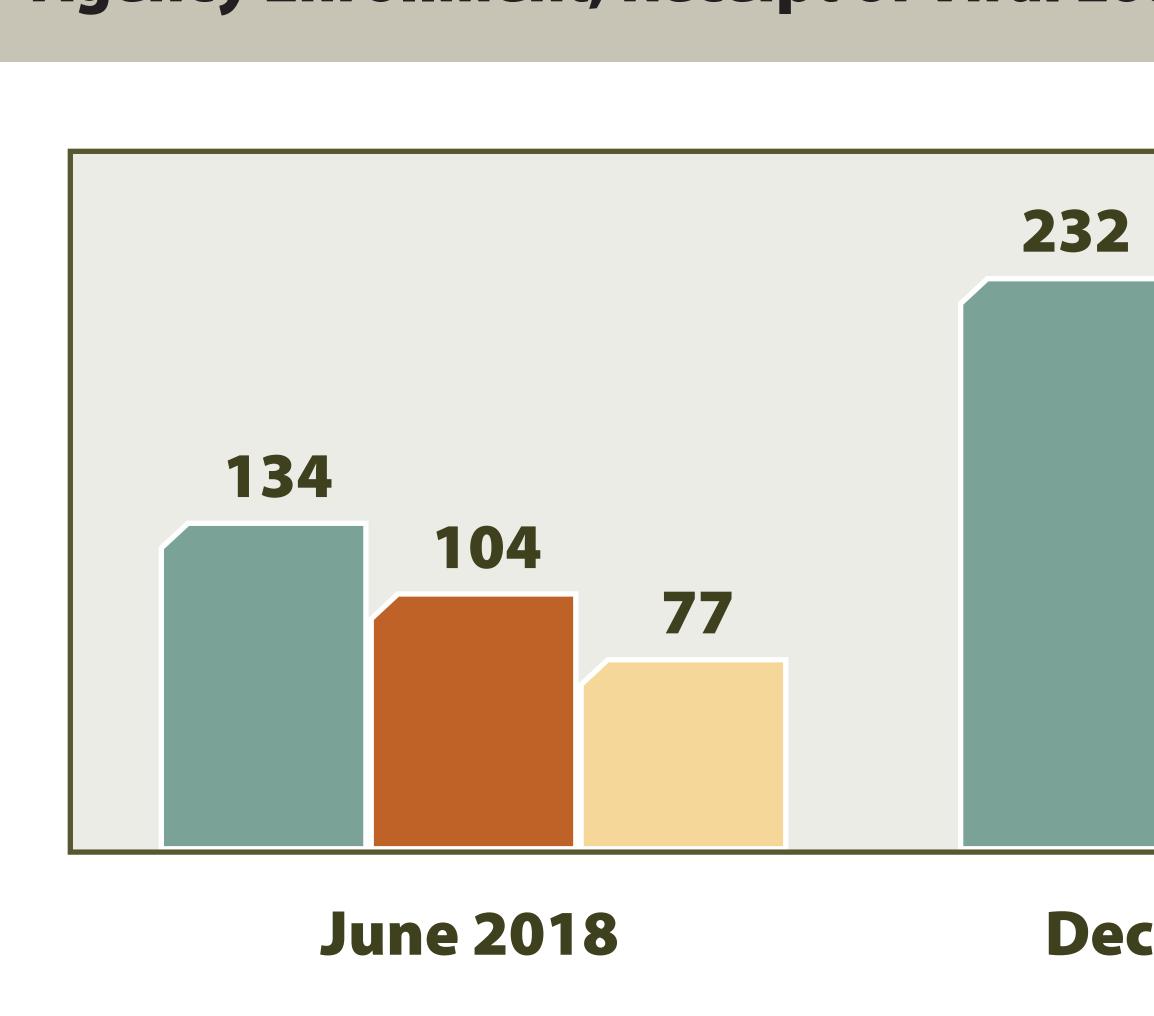
QI Training Outcomes Among Participating Agencies

Improved QI Knowledge

- Post-training survey results indicated that 62% of participants were "very knowledgeable" about QI topics (47% increase from baseline)
- 61% of participants were either "extremely" or "very" comfortable using each of the 11 QI tools introduced at the trainings*
- 42 (100%) of CA RWHAP subrecipients and 21 (39%) of subcontracted service providers participated in the training program

* Response rate ranged from 93-100% for the questions utilized in this composite finding, so a weighted mean was calculated. All other survey results presented above had a 100% response rate

QI Project Clinical Outcomes



LESSONS LEARNED

- Focusing on a population experiencing health disparities improved programmatic processes, awareness of outcomes among young adults, and clinical outcomes
- **RWHAP recipients can provide critical leadership in QI** capacity building and coordination of QI activities within the RWHAP networks
- Organizational culture and leadership that prioritize QI can play a substantially positive role in QI project success

ACKNOWLEDGMENTS:

Quality Improvement Trainers: Population Health Improvement Partners

Training Modality was Effective

- 80% of participants reported satisfaction with overall training program
- 86% of participants found the coaching sessions "very useful" or "somewhat useful"
- Participants preferred in-person trainings where they could interact and learn from other providers

Agency Enrollment, Receipt of Viral Load Test, and Viral Load Suppression at Pre-, Mid-, and Post- QI Project Total Number of 240 Young Adults Served 216 212 169 Number of Young 157 Adults With a Viral Load Test Number of Young Adults Who Achieved Viral Load Suppression Among Those With a Test **July 2019** December 2018

LIMITATIONS

- **Existing rigid policies and lack of resources deterred** implementation of some change ideas
- At the end of the QI project, participants reported lack of time and staffing challenges (e.g. shortages, turnover) as barriers to conducting QI activities

ID: #16196