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A Resource Center for Today's Case Manager

Social Determinants of Health: Evidence and Strategies for Treating Poverty



Marcella Wilson, Ph.D.
CEO and Founder
Transition To Success



MaryBeth Kurland, CAE
Chief Executive Officer
CCMC

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Agenda

- Welcome and Introductions:
 - Commission for Case Manager Certification

- Presentation:
 - **Marcella Wilson**
CEO and Founder
Transition To Success

- Question and Answer Session

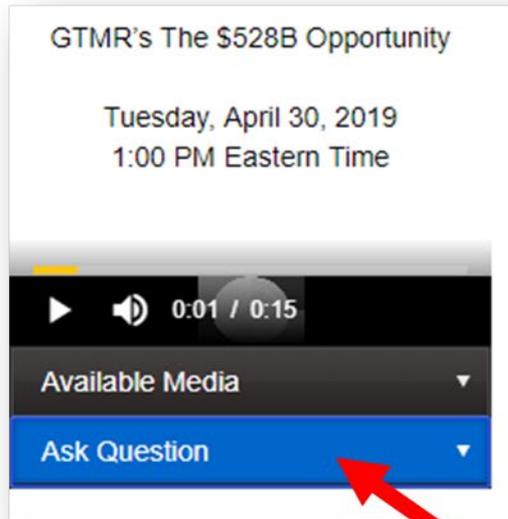


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Audience Notes

There is no call-in number for today's event. Audio is by streaming only. Please use your computer speakers, or you may prefer to use headphones. There is a troubleshooting guide in the tab to the left of your screen. Please refresh your screen if slides don't appear to advance.





Click here

How to submit a question

To submit a question, click on Ask Question to display the Ask Question box. Type your question in the Ask Question box and submit. We will answer as many questions as time permits.



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Audience Notes

- A recording of today's session will be posted within one week to the Commission's website, www.ccmcertification.org
- This webinar has been approved for one CCM continuing education credit for board-certified case managers (CCM), one nursing contact hour and/or for NYS Ed Department SW CEs only to those who registered in advance and are participating today.





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Learning Outcomes Overview

After the webinar, participants will be able to:

- Describe evidence-based standards of care for the treatment of poverty as an environmental medical condition
- Identify ways to leverage standards of care and best practices to better address the social determinants of health that are contributing to poverty
- Evaluate current community partnerships and identify ways to expand these key relationships and grow new partnerships to support the treatment of poverty



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Social Determinants of Health: Evidence and Strategies for Treating Poverty



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Social Determinants of Health: Evidence and Strategies for Treating Poverty

CCMC Webinar

1/30/2020

**“Like slavery and apartheid,
poverty is not natural. It is
man-made, and it can be
overcome and eradicated by
the actions of human beings.”**

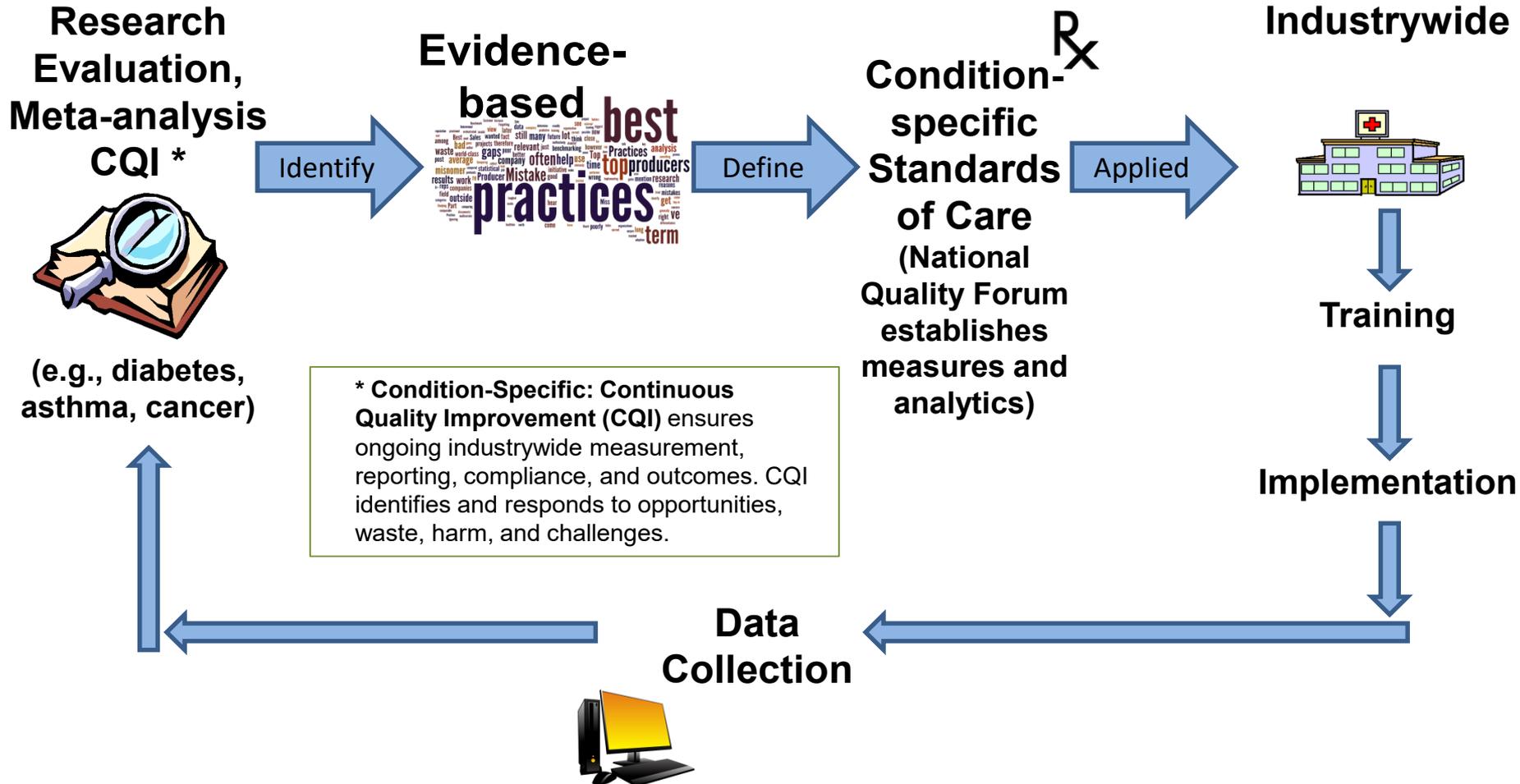
- Nelson Mandela

**Marcella Wilson, Ph.D.
President & Founder
Transition To Success[®] LLC**

The Medical Model

Understanding and Treating Disease

A uniform system of industrywide standards and analytics with continuous quality improvement (CQI)



Treating Poverty in America

Poverty-related



Research, Evaluation, and Meta-analysis



Evidence-based



- Client self-navigation
- Individual practitioner preference
- Organizational preference

No comprehensive, cross-industry, interdisciplinary, uniform analytics to support CQI *



* **Condition-specific: Continuous quality improvement (CQI)** ensures ongoing industrywide measurement, reporting, compliance, and outcomes. CQI identifies and responds to opportunities, waste, harm, and challenges.

Current Funded U.S. Delivery System

Client Driven – Disconnected - Ineffective

Human Service

- 1.4 million not for profits
- 650,000 social workers

Faith-Based

- 320,000 US Christian Churches
- 3,727 US Synagogues
- 2,106 US Mosques

Education

- Head Start (\$8.1B) (serves over 32M children in the US)
- Public Schools Vocational & High Education (\$69.9B)
- 99,000 public schools
- 3.7 million elementary and secondary teachers
- 262,300 school counselors

Client independently attempts to access goods, services & supports



Estimated Cost:
\$1,660,451,000,000*
Does not include: Foundations, Corporate or Individual Donations



Healthcare

- 5,723 hospitals
- 209,000 PCPs
- Medicaid and CHIP (70M, 1 in 5 in the U.S.)
- Medicare health plans (53.8M)

Government

- DHS
- Community Mental Health
- Housing
- Medicaid/Medicare
- Veterans
- Juvenile justice
- Prisoner reentry

(* Federal Office of Management and Budget, <http://febp.newamerica.net/background-analysis/education-federal-budget/>).

Poverty & Education

Children Growing Up In Poverty:

- Complete Less School
- Work and Earn Less as Adults
- Are More Likely to Receive Public Assistance as Adults
- Have Poorer Health

- Boys growing up in poverty are more likely to be arrested as adults.
- Girls growing up in poverty are more likely to become single parents.

Health Disparities for Those Living in Poverty

Poverty status is based on Gallup's best estimate of those in poverty, according to the U.S. Census Bureau's 2011 thresholds

	Percentage with Disease in Poverty	Percentage with Disease Not in Poverty	Difference (percentage points)
Depression	30.9	15.8	15.1
Asthma	17.1	11.0	6.1
Obesity	31.8	26.0	5.8
Diabetes	14.8	10.1	4.7
High blood pressure	31.8	29.1	2.7
Heart attack	5.8	3.8	2.0
Cancer	6.3	7.1	-0.8
High cholesterol	25.0	26.0	-1.0

(Gallup—Healthways Well-Being Index, 2011)

Treating Environmentally Based, Industry-Accepted Medical Conditions *

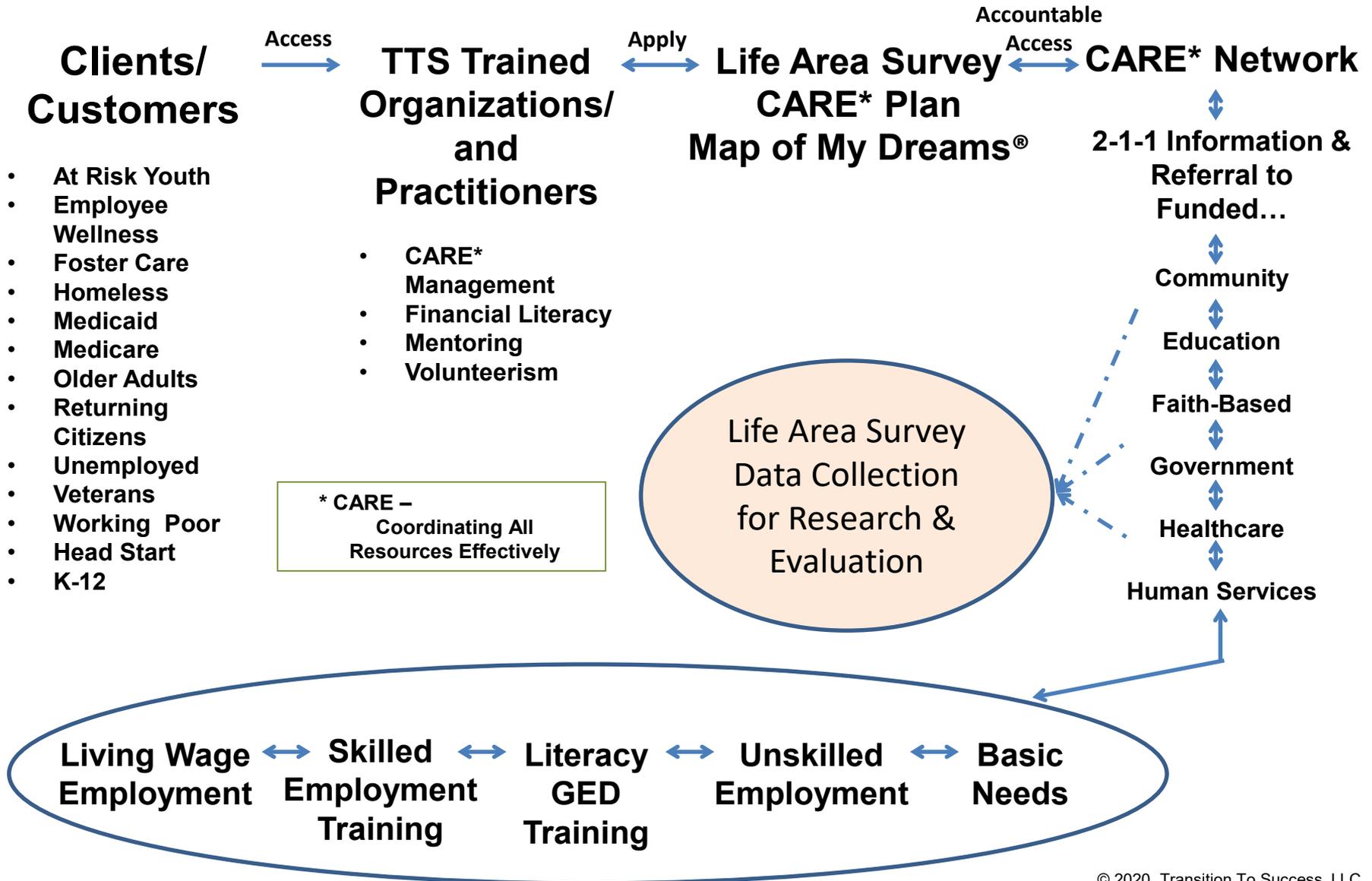
Environmental Exposures	Symptoms	Diagnosis	Standard of Care	Billable
Lead ingestion	Irritability, high blood pressure, long-term neurological damage	Lead poisoning	Required	✓
Asbestos	Trouble breathing, nausea, vomiting	Cancer/ Mesothelioma	Required	✓
Mosquito bites	Fever, rash, joint pain, conjunctivitis, muscle pain, headache	Zika, West Nile, yellow fever, and malaria viruses	Required	✓
Limited access to fresh fruits, vegetables, and exercise	Increased thirst, blurred vision	Type II diabetes Obesity	Required	✓
Cigarette smoking and second-hand exposure	Wheezing, increased risk of cancer, asthma, COPD	Nicotine addiction	Required	✓
Accidents	Broken bones, closed head injuries	Trauma	Required	✓
Pollution	Difficulty breathing, decrease in lung function, wheezing	Asthma/COPD	Required	✓
Social Determinants of Health Food insecurity, high crime rates, inadequate/unaffordable housing, lack of access to basic needs/resources, limited access to quality healthcare, poorly performing schools, racism, and unemployment, transportation	Increased rates of diabetes and blood pressure, infant and maternal mortality, increased depression and mental health disorders, asthma, compromised immune system and brain development, higher death rates	Extreme Poverty (ICD 10 Z59.5) Homelessness (ICD 10 Z59.0) Lack of adequate food or safe drinking water (ICD 10 Z59.4) Low Income (ICD 10 Z59.6)	TTS Screening Assessment Referrals: Behavioral Health, Substance Abuse and Social Determinants	Social Determinant Solutions Billable CPT Codes for Medicaid, Medicare and Third Party

* **Note:** Recognized disease without genetic predisposition

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Treating the Condition of Poverty

With A Client Centered Community Based Continuum of Care



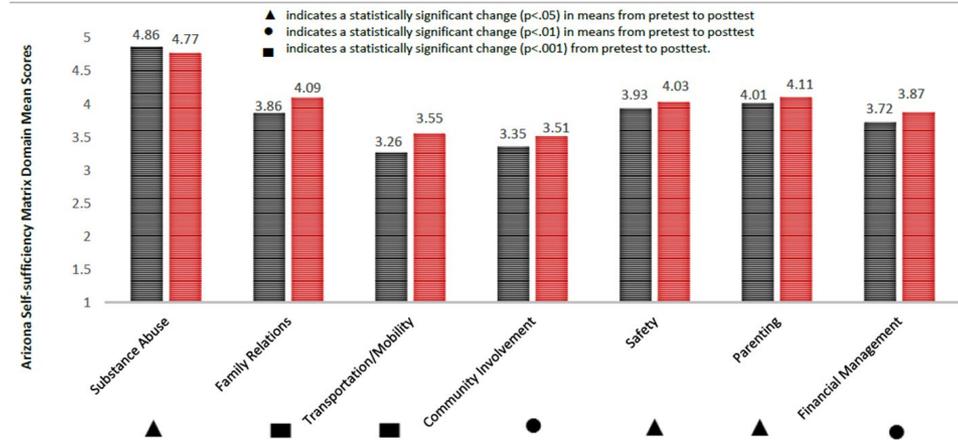
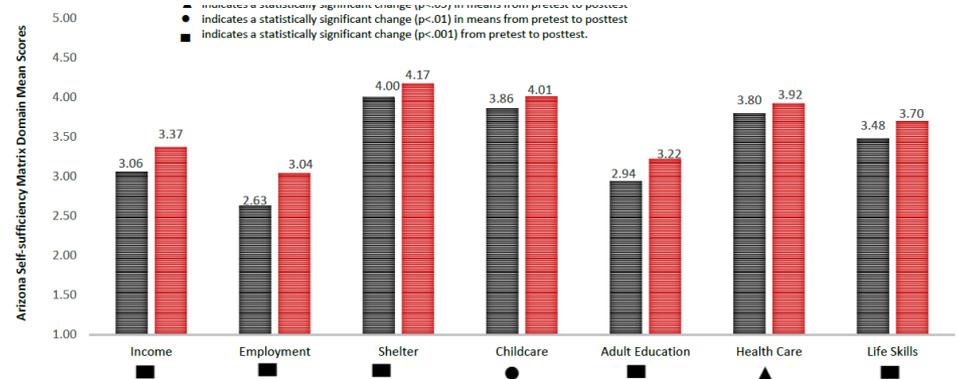
TTS Independent Evaluation Results

This 15-month independent study in Detroit Head Start focused on reducing the family exposure to 18 social determinants using a client self reporting Likert scale for pre and post study reporting.

This study was completed with no new funding other than research and evaluation. Existing staffing (parent educators) and training budgets were used to implement Transition To Success in Head Start for this study.

Results of this independent evaluation indicate statistically significant improvement in 14 of 18 social determinant domains, including but not limited to income, employment, medication compliance, healthcare, education, transportation and financial management.

Matrix Head Start: SSM* Domains with a Significant Change in Mean Scores, Winter 2014 to Spring 2015



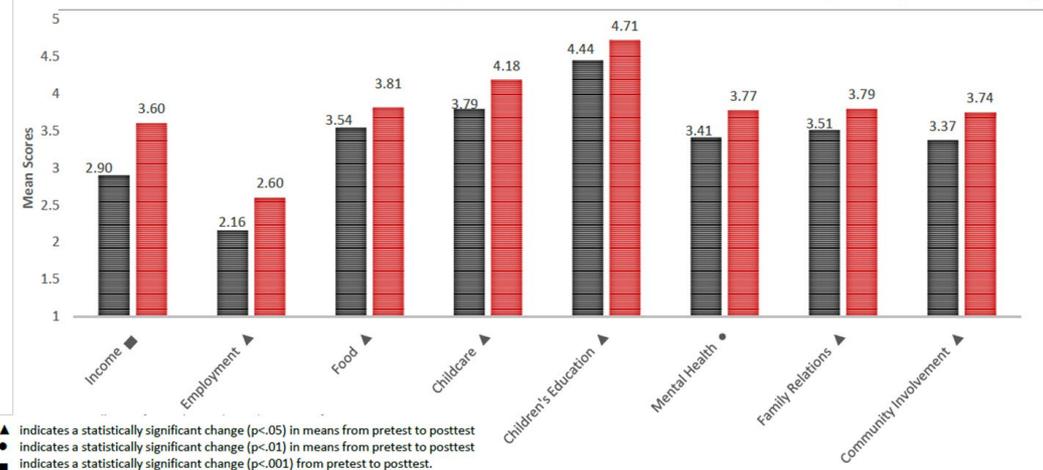
TTS Independent Evaluation Results

TTS Independent Evaluation Family Service of Detroit and Wayne County (FSDWC)

This 12-month independent evaluation of Transition To Success was completed at FSDWC, an outpatient, behavioral health, Medicaid Clinic in Detroit. Other than research and evaluation there was no additional funding for staffing and TTS training was accomplished within the existing training budget. In this study Master level, State of Michigan licensed therapists were trained in TTS, integrating social determinant screening and care management into the therapeutic response.

With an average length of stay of 6 outpatient visits clients reported statistically significant improvement in 8 of 18 domains, including but not limited to income, employment, food and mental health. All services provided were reimbursed by Medicaid at a cost of less than \$600.00 to the insurer.

FSDWC: SSM Domains with a Significant Change in Mean Scores from Pretest (January 2013 through February 2014) to Posttest (November 2013 through April 2014)



Transition To Success® Final Evaluation Report –
 8/29/2015 W.K. Kellogg Foundation
 Grant: P3018954

* FSDWC: Family Service of Detroit and Wayne County

At Child & Family Service, Hawaii: Year End Evaluation of Pilot Implementation of Transition To Success[®] Fall 2016 - Spring 2018

Head Start - Kauai, Hawaii

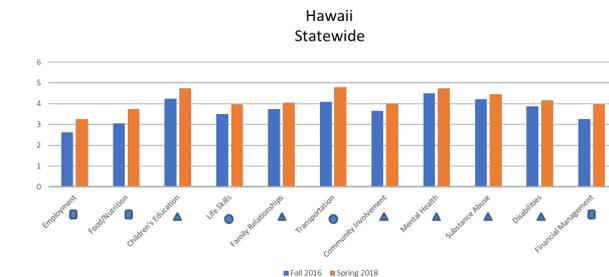
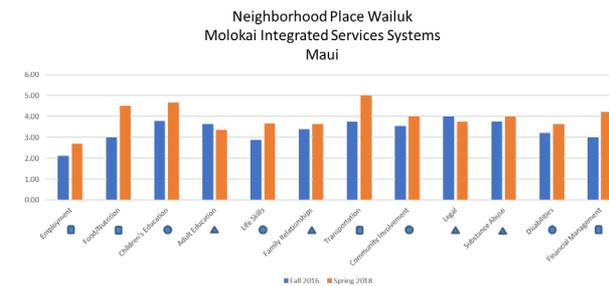
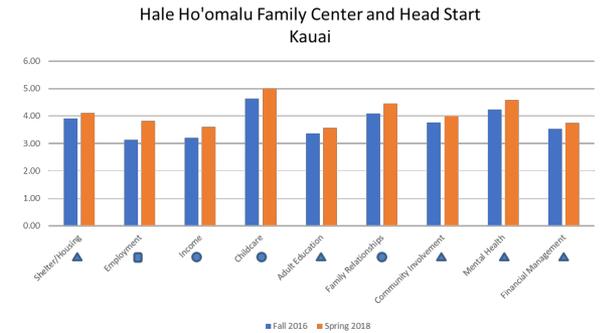
This 20-month independent evaluation of Head Start Kauai focused on reducing family exposure to the social determinants of health and was accomplished with no new funding other than research and evaluation. Using a client self reporting Likert scale, for pre and post scoring Head Start parents reported statistically significant improvement in 9 of 18 domains, including but not limited to shelter, employment, income, mental health and financial management.

Neighborhood Place - Maui, Hawaii

This 20-month independent evaluation of a human service provider in Maui was focused on reducing individuals and family's exposure to the social determinants of health. With the exception of research and evaluation results were accomplished within existing funding streams. Using the Arizona Self Sufficiency Matrix, a client self reporting tool, using a Likert scale with pre and post scoring, clients reported statistically significant change in 12 of 18 social determinant categories including but not limited to employment, food, transportation. Of note is the statistically significant decrease in adult education. This decrease corresponds with an increase in employment, indicating a childcare service gap for working parents. Also of note is a statistically significant increase in the reporting of substance abuse concerns. This increase reflects a higher level of trust and willingness to identify and address these concerns.

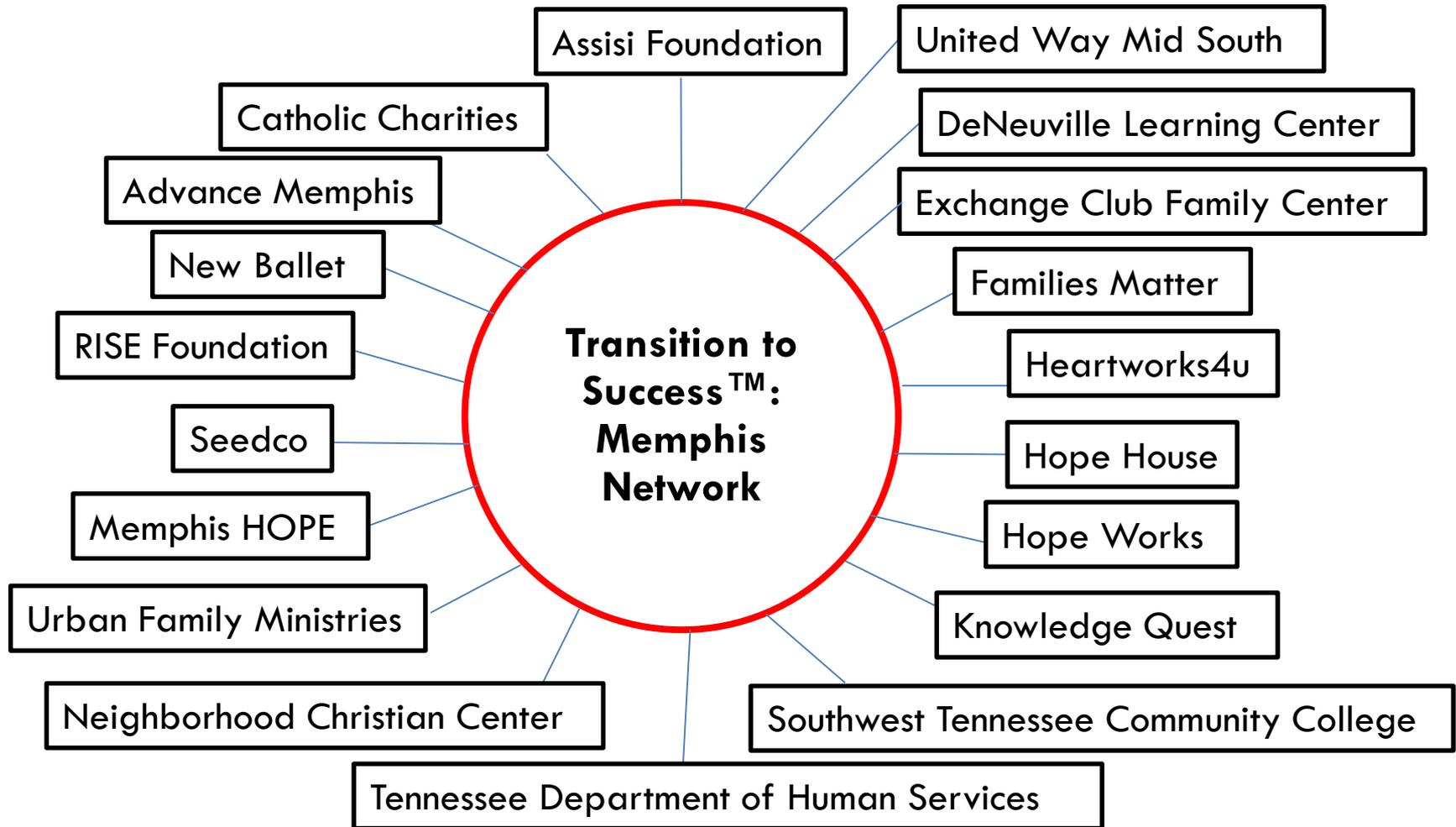
Statewide - Hawaii

This 20-month independent evaluation of CFS statewide programs was focused on reducing individually and family's exposure to 18 social determinants. With the exception of research and evaluation, results were accomplished within existing staffing and training budgets. Using the Arizona Self Sufficiency Matrix, a Likert scale client self reporting tool, clients reported statistically significant improvement in 11 of 18 Social Determinant domains including but not limited to, employment, food, transportation, mental health and financial management. Of note the increased reporting of substance abuse issues reflects the clients increased level of comfort and trust addressing their substance use concerns.



▲ p < .05 in means from pretest to posttest
● p < .01 in means from pretest to posttest
■ p < .001 from pretest to posttest

The Power of One – TTS Memphis



Transition To Success[®] (TTS): A National Standard of Care To Treat the Condition of Poverty

- A Clinton Global Initiative
- Statistically Significant Independent Evaluation Results
- Over 80 Organizations Involved
- Over 800 trained nationwide
- Pilots:
 - Assisi Foundation/ Memphis, TN
 - Child and Family Services/HI
 - Department of Human Services, City of Lansing MI
 - Third New Hope Baptist Church/Community Network (6 Congregations) Detroit, MI
 - Catholic Charities, Northern Kansas/Salina KS
 - Catholic Charities, New Orleans, LA
 - Forward Service Corporation WI
- Organizational Partners
 - Melagro Technology (CMS Approved) – Behavioral Health and Substance Abuse screening assessment and referral identification
 - J&B Healthy Opportunities: Comprehensive Telehealth Services integrated with Social Determinant, Behavioral Health and Substance Abuse screening, assessment and referral identification
 - “Diagnosis: Poverty - A new approach for understanding and treating an epidemic” – Book and Curriculums

Questions and Closing Remarks

“SPIDERS WEBS UNITED CAN TIE UP A LION!”

African Proverb

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Check out my book:

Diagnosis: Poverty

**A new approach for understanding and
treating an epidemic**

www.DiagnosisPoverty.com

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Question and Answer Session



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Thank you!

- Please fill out the survey after today's session
- Those who signed up for continuing education will receive an evaluation from the Commission.
- A recording of today's webinar and slides will be available in one week at <http://ccmcertification.org>

Commission for Case Manager Certification

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