

## BUILDING A SYSTEM OF CARE ACROSS THE DEVELOPMENTAL LIFE SPAN TO SUPPORT COLLABORATION AND QUALITY

Maretta Juarez, LCSW, Jennifer Pham, LCSW, and April Kihara, LMFT

## MORE THAN 431,899 REASONS FOR OUR WORK







## MULTIPLE RISK FACTORS



## WHY ARE ACES SIGNIFICANT?

Five Main Discoveries

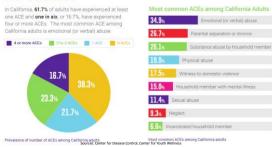
- 1. ACEs are common...nearly two-thirds (64%) of adults have at least one.
- They cause adult onset of chronic disease, such as cancer and heart disease, as well as mental illness, violence and being a victim of violence.
- 3. ACEs don't occur alone...if you have one, there's an 87% chance that you have two or more.
- The more ACEs you have, the greater the risk for chronic disease, mental illness, violence and being a victim of violence.
- 5. ACEs are responsible for a big chunk of workplace absenteeism, and for costs in health care, emergency response, mental health and criminal justice. So, the fifth finding from the ACE Study is that childhood adversity contributes to most of our major chronic health, mental health, economic health and social health issues.

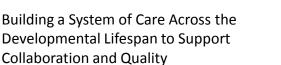
5 Source: Center for Disease Control



## ADVERSE CHILDHOOD EXPERIENCES-ACES

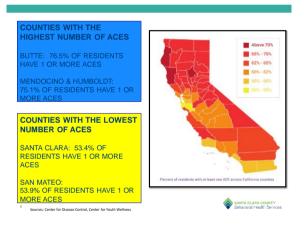
# **KEY FINDINGS**





## ADVERSE CHILDHOOD EXPERIENCES-ACES





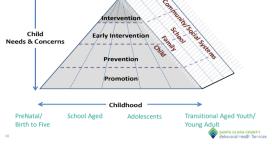
## **OUR PHILOSOPHY GROUNDS US**



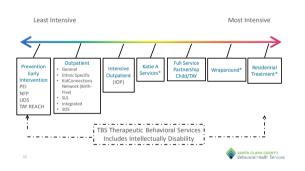
and dynamic, impacting collectively and individually the healthy development of the child.

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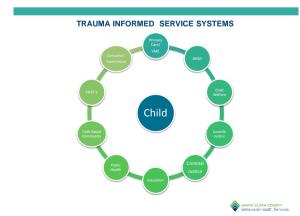


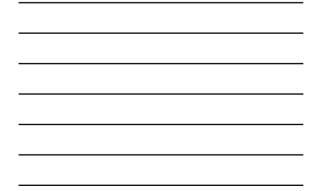


COORDINATED CONTINUUM OF CARE





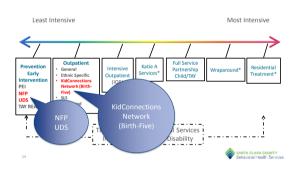




## SANTA CLARA COUNTY TIS 101 TRAINERS CROSS SYSTEMS COLLABORATION

Lead Trainers	Maretta Juarez (BHSD), Senior Mental Health Program Manager     Lorena Gonzalez (BHSD), Lead Clinical Supervisor, Las Plumas MH
Consumer, Family, Youth Voice	Melody Hames (ECCAC), Peer Support Worker Team Lead for the African Heritage Family Outreach & Engagement Program (AHFOEP)     Sabrina Herrera (DIY-TAY), Dually Involved Youth Advocate
SCCVHHS-VMC	Vicki Pham, Trauma Administration: Trauma to Triumph Violence Intervention     Program and Injury Prevention Nurse Coordinator
SSA/DFCS	Fuliana Van Meter, Staff Development & Training, Social Work Supervisor     Michelle Hauck, Staff Development & Training, Social Work Training Specialist
Juvenile Justice	Alex Villa, Supervising Probation Officer     Guadalupe Garcia, Deputy Probation Officer
Criminal Justice	Misty McNay, BHSD, Criminal Justice, Lead Clinical Supervisor, Evans Lane
Public Health	Marilyn Comier, California Children Services Administrator
Birth to Five	Jennifer Pham, BHSD, ECMH Program Manager     Crystal Nava, FIRST 5 Santa Clara County, Associate Director, Early Childhood     Programs

# COORDINATED CONTINUUM OF CARE



# NURSE FAMILY PARTNERSHIP



Nurse-Family Partnership is a community healthcare program that yields quantifiable social benefits and a substantial return on the community's investment. More than 37 years of evidence from randomized, controlled trials prove this maternal health program's effectiveness guiding low-income, first-time moms and their children to successful futures. By developing strong family foundations, this program establishes better, safer, and stronger communities for generations to come.

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NURSE FAMILY PARTNERSHIP



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NURSE FAMILY PARTNERSHIP SANTA CLARA COUNT	TY PUBLIC
NFP is supported by 7.5 FTE Public Health Nurses	HEALTH
Criteria for Referral and Enrollment:	
First time mothers	
Low income	
Pregnant before 28 weeks	
Families receive services from pregnancy until their child is 2 years of a	age.
FY 15 outcomes:	
114 referral were made into NFP	
60 pregnant mothers were admitted	
57 babies were born	
605 linkages to different services:	
<ul> <li>Government assistance- Medi-Cal, CalFresh, Cash Aid, WIC</li> </ul>	
<ul> <li>Health Care Services</li> </ul>	
<ul> <li>Crisis intervention – IPV, CPS</li> </ul>	
<ul> <li>Adult Mental Health Services</li> </ul>	
- Substance Abuse	
<ul> <li>Education programs</li> </ul>	
<ul> <li>Other – Child Care, Housing, Childbirth Education services, Charitable service Dental</li> </ul>	es, Legal Services,
29 mothers and babies graduated the NFP program	Behavioral Health Services

#### UNIVERSAL DEVELOPMENTAL SCREENING PROJECT

Since 2006, FIRST 5 Santa Clara County and BHSD have partnered to provide screening and early intervention services to children in Santa Clara County.

✓ Shared Vision of Universal Screening and Intervention

✓ Braided and Leveraged Funding

✓ Programmatic Service Efficiencies

## DEVELOPMENTAL SCREENINGS IN PEDIATRIC SETTINGS

Pediatricians cite a number of barriers regarding the use of developmental screenings:

Lack of time to administer the screening

Lack of training on how to use and interpret the screening tools Lack of early intervention and treatment resources in the community Lack of adequate compensation for providing the screening

As a result, **only one out of every five pediatricians (23%)** report using a valid, reliable screening tool to catch developmental or behavior delays.

#### HOWEVER

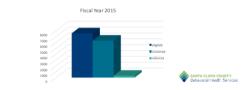
A 2007 American Academy of Pediatrics study reported that implementation of ASQ screenings in a particular pediatric office increased referral rates by **224 %** after implementing the ASQ compared to the prior year, even though patient volume in the clinic was down by **14.65%**.

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## UNIVERSAL DEVELOPMENTAL SCREENING DATA

For Fiscal Year 2015 (July 2014 - June 2015) 6,327 children ages 6 months to 60 months received an ASQ screening out of the 7,576 children ages 8 months through 39 months who came to the three County operated Valley Health Center (VHC) clinics for their wellbaby/well-child visits.

Having the early detection and identification process within the VHC clinics resulted in 5.2% (327) of the children being referred to Early Start Program and/or KidConnections Network of Providers for further developmental assessment and services



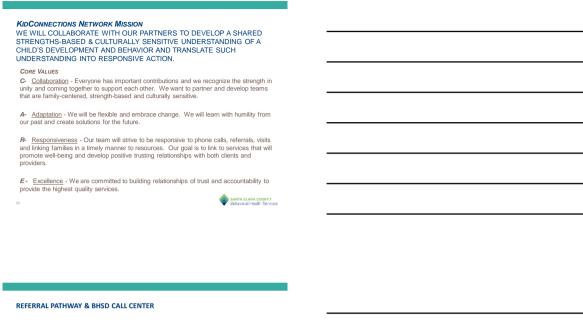
#### KIDCONNECTIONS NETWORK OF PROVIDERS BIRTH THROUGH 5 SYSTEM OF CARE

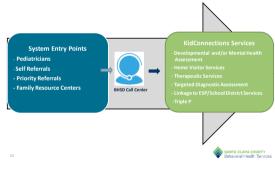
KidConnections Screening, Assessment & Treatment Services

2006 also began FIRST 5 Santa Clara County and Behavioral Health Services Department partnership to provide high quality, trans-disciplinary screening and assessment, home visitation and therapeutic services for children under 6 years of age.



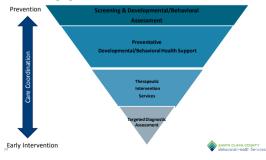
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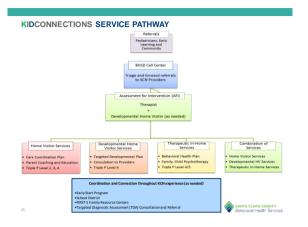




## KIDCONNECTIONS CONTINUUM OF CARE

KidConnections (KCN) is a system of care that offers a continuum of specialized screening, assessment, and in-home prevention and early intervention services for children birth through age 5 and their families.







## FOUNDATIONAL VALUES

KCN providers utilize an Infant & Early Childhood model which focuses on the social, emotional and developmental health of children birth through age 5 to develop a child's capacity to

- Form close and secure relationships
- Support in experiencing, regulating and expressing emotion-
- Supports the capacity for exploration and learning
- Foundational trainings and knowledge of providers,
- to support the work with this specialty population; - Brazelton's Touchpoints Approach
- Trauma informed practices
- Relationship based and parent-child practices/mode -
- Typical and atypical child development -
- Infant and Early Childhood Mental Health knowledge domains required for California endorsement

Infant-Family Early Childhood Mental Health

Relationships

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Emotions

#### HOME VISITATION PROVIDER

Home Visitor services offer a range of educational parent-child relationship supports and other services to children and their families.

These services may include, but are not limited to:

- Care Coordination Plan
- Ongoing assessment of needs
- Parent Coaching and Education
- Triple P level 3/4
- Connection to medical, educational, social or other appropriate community services (e.g., FRC, Early Start Program, School District Services, etc.)
- · Coordination and consultation with other service providers

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## DEVELOPMENTAL SPECIALIST PROVIDER

Developmental Specialists provide focused preventative and supportive in-home services to children and families with identified developmental needs. Services may include:

- Developmental screening and assessment (part of AFI process with TS)
- Developmental Plan and care coordination
- Triple P level 4 Stepping Stones
- Targeted services to address developmental concerns
- Connection to additional resources such as Early Start Program and School District Services
- Care coordination and consultation with other providers to address developmental concerns

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## THERAPEUTIC PROVIDER

Services include consultations for a child's behavior, structured behavioral programs, **dyadic and triadic therapy**, and other services that are appropriate for high-risk children ages 0-5 and their families.

The focus is on age appropriate evidence-based interventions that are practical and effective, and help prevent the development of more serious difficulties later on. Evidence-based interventions and treatment strategies include, but are not limited to:

- The Incredible Years
- Parent Child Interaction Therapy (PCIT)
- Trauma Focused Cognitive Behavioral Therapy (TF-CBT)
- Child-Parent Psychotherapy (CPP)
- Triple P Level 4 and Level 5

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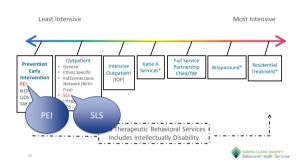
#### EVIDENCED BASED TREATMENT SERVICES

Birth through 5 Services utilize various EBP/EBT to meet the needs of the families served.

- Touchpoints Approach
- Triple P Level 3 Selected Seminars
- Triple P Level 4 Standard and Group
- Triple P Level 4 Stepping Stones
- Triple P Level 5 Pathways
- Triple P Level 5 Enhanced
  Triple P Level 5 Family Transitions
- Circle of Security
- Child Parent Psychotherapy
- Trauma Focused- Cognitive Behavioral Therapy
- Parent Child Interaction Therapy
- Dyadic/triadic Therapy



# COORDINATED CONTINUUM OF CARE



# **PREVENTION & EARLY INTERVENTION**

Half of all lifetime cases of mental illness start by age 14.

Source: Steven Adekheim, MD. Stanford Department of Psychiatry and Behavioral Services, Stanford's 2016 Adolescent Mental Wellness Conference Presentation.

## STRATEGIC GOALS FOR SCHOOL BASED SERVICES

- · Coordinated and accessible services
- Research based models
- · Family involvement
- Continuity of services for students during the summer school break
- Robust evaluation

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#### PEI AND SLS SERVICES

#### PEI

- PEI provides prevention and early intervention services to children and their families
- Eligibility based on school, regardless of insurance status
- PEI teams consist of Family Partners, Family Specialists, and Clinicians
- Average service of 3-6 months
- · Services at school, home,
- and/or in the community

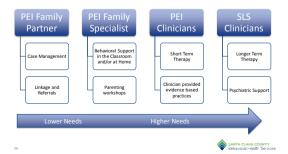
- Youth must meet medical necessity
- Medi-Cal required

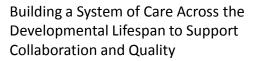
SLS

- Access to child psychiatry services
- Services are longer term average of 8 months
- Services at school, home, and/or in the community



# PEI AND SLS IN COLLABORATION CONTINUUM OF CARE





THE BEDROCK OF THE PEI PROGRAM: EVIDENCE BASED PRACTICES



## **PREVENTION & EARLY INTERVENTION**

Trauma-Focused Cognitive Behavioral Therapy (TF-CBT)

- ✓ Developer Dr. Anthony Mannarino
- $\checkmark$  Over 500 clinicians in the system trained
- ✓ Consultation Program
- ✓ National Certification

Tfcbt.org – National Certification Program Musc.edu/tfcbt – Free 10 hour introductory online course http://www.nctsn.org/ - Superb resources including TF-CBT information

# **PREVENTION & EARLY INTERVENTION**

# Strengthening Families Program

- ✓ School site or community based
- ✓ Joint parent and child(ren) skill building
- ✓ Family dinner and childcare
- ✓ Prevention and early intervention



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# **PREVENTION & EARLY INTERVENTION**

## Skillstreaming

- ✓ Offering to help a classmate
- ✓ Dealing with your anger
- ✓ Dealing with another's anger
- $\checkmark\,$  Dealing with boredom
- $\checkmark$  Dealing with wanting something that isn't yours

Feedback from 3rd and 4th grade students:

- Thank you for everything you have taught us these past few weeks. The self-control lesson helped me a lot, because I get mad a lot.
  Thank you for helping me with my anger issues. I now count for 10 seconds if I
- get mad. My brother tries to get me mad, but I won't let him.
  My favorite lesson was accepting no, because my sister keeps telling me, "No, I can't play with her tablet." Because of the lesson you told me, I didn't snatch it away from her.

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## SLS PARTNERS

Alum Rock Union Elementary School District	Mt. Pleasant Elementary School District
Campbell Union School District	Mountain View Whisman School District
The City of San José	Morgan Hill Unified School District
Department of Alcohol and Drug Services	Oak Grove School District
The District Attorney's Office	Office of the Public Defender
East Side Union High School District	Probation Department
FIRST 5 Santa Clara County	Public Health Department
Franklin-McKinley School District	San José Police Department
Gilroy Unified School District San José Unified School District	
Healthier Kids Foundation	Santa Clara County Office of Education
Kaiser Health Foundation	Santa Clara Unified School District
Kids in Common	Second Harvest Food Bank
Luther Burbank School District	Social Services Agency
Mental Health Department	United Way

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North County	East Region	Central Region	South County
Nountain View Whisman:	Mt Pleasant:	Campbell Union:	Morgan Hill:
rittenden Middle School	August Boeger Middle School	Blackford	Barrett
Aonta Loma	Ida Jew (Academy) (K-6)	Campbell Middle School	P.A. Walsh
heuerkauf	Mt Pleasant	Capri	San Martin/Gwinn
astro	Robert Sanders	Rosemary	Gilrov:
Sraham Middle School	Valle Vista	Oak Grove:	Antonio Del Buono
4043 High School students	Franklin-McKinley:	Christopher	Eliot
	Bridges Academy (Middle)	Davis (Caroline) Intermediate	Glen View
	Captain Jason M. Dahl	Del Roble	
	Daniel Lairon	Edenvale	
	Franklin	Miner	
	G. W. Hellyer	Stipe (Samuel)	
	Los Arboles	The Academy at Davis	
	McKinley	San José Unified:	
	Robert Kennedy	Empire Gardens	
	Santee	Grant	
	Shirakawa	Herbert Hoover Middle	
	Stonegate	Horace Mann	
	Sylvandale Junior High	Lowell	
	Windmill Springs (K-8)	Merritt Trace	
	Alum Rock:	Peter Burnett Middle	
	Aptitud Community Academy at Goss	Walter L. Bachrodt	
	Arbuckle	Washington	
	Chavez	Luther Burbank:	
	Dorsa	Luther Burbank	
	Fischer Middle School		
	Hubbard		
	Mathson Middle School		
	Meyer		
	Renaissance Academy at Fischer		
	Renaissance Academy at Mathson		
	San Antonio		

Building a System of Care Across the **Developmental Lifespan to Support** Collaboration and Quality

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SLS North County	SLS East Region	SLS Central Region	SLS South County
Mountain View Whisman:	Mt Pleasant:	Campbell Union:	Morgan Hill:
Crittenden Middle	August Boeger Middle	Blackford	Britton Middle
Mariana Castro	Ida Jew (academy) (K-6)	Campbell Middle	Live Oak High
Graham	Valle Vista	Monroe Middle	Central High
Theuerkauf	Robert Sanders	Rosemary	Barrett
		Lynhaven	San Martin/Gwinn
	Franklin-McKinley:	Sherman Oaks	PA Walsh
	Bridges Academy	Castlemont	
	Captain Jason M. Dahl		
Mtn. View-Los Altos:	Daniel Lairon	Oak Grove:	Gilroy:
Mtn. View High School	Franklin	Anderson	South Valley Middle
Alta Vista High	Los Arboles	Parkview	Christopher High
Los Altos High	Meadows	Oakridg	Brownell Middle
	Ramblewood	Edenvale	Gilroy High
	Santee	Evergreen:	
	Sylvandale Middle	Leyva	
		Kathryn Smith	
	Alum Rock:	Whaley	
	Ryan Elementary	San José:	
	Sheppard Middle	Peter Burnett Middle	
	Ocala Middle	Merritt Trace	
	Lee Mathson Middle	Empire Gardens	
	Renaissance Academy	Grant	
	Joseph George Middle	Herbert Hoover Middle	
	Fischer	Horace Mann	
	Renaissance at Fischer	Lowell	
		Walter L. Bachrodt	
	East Side Union:	Washington	
	Foothill High	Willow Glen Middle	
	James Lick High	Willow Glen High	
	Andrew Hill High	Broadway	
	Mt. Pleasant High	Allen at Steinbeck	
	Oak Grove High	Almaden Elementary-GFCC	
	Santa Teresa High	Galarza-CS	
	Piedmont High-IV	Olinder-CS	
		Luther Burbank: CHC/LPMH	
		Luther Burbank	

#### NEW PROGRAM IN SCHOOL YEAR 2017: SOCIAL EMOTIONAL AND ACADEMIC SERVICES (SEAS)

- Serving three Foundation for Hispanic Education charter high schools: Latino College Preparatory Academy (LCPA), Luis Valdez Leadership Academy (LVLA), Roberto Cruz Leadership Academy (RCLA).
- · Provides services to all students regardless of insurance status.
- Utilizes evidence based practices for services at school, in the community, or at home.

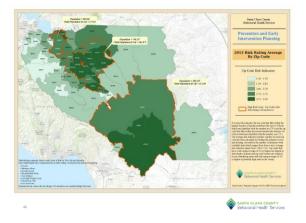
# **PREVENTION & EARLY INTERVENTION**

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Next steps...

- ✓ Fidelity support and evaluation
- ✓ Family therapy with train the trainer model



## OUTCOMES AND EVALUATION

Birth through 5 system of care

- 1. Ages and Stages Questionnaire 3 (ASQ-3)
- 2. Ages and Stages Questionnaire Social Emotional (ASQ-SE)
- 3. Keys to Interactive Parenting Scale (KIPS)
- 4. Child and Adolescent Needs and Strengths –Early Childhood (CANS-EC)



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## FY 14-15 YEAR END ASQ RESULTS

#### Developmental

Out of the **1,156 children** screened (ASQ-3) and referred for possible developmental concerns or delays

• 43% (497) had one or more developmental concerns

## **Behavioral Health**

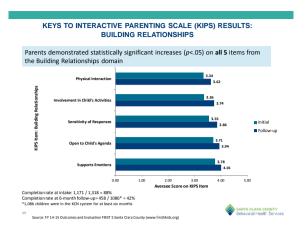
Out of the **738 children** *also* screened (ASQ-SE) and referred for possible behavioral health concern **56% (425)** had a behavioral health concern

## Both Developmental and Behavioral Health

· 30% (222) had a developmental and behavioral health concern

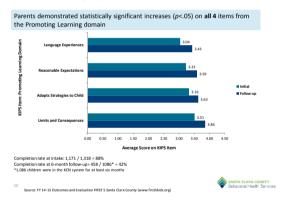
surce: FY 14-15 Outcomes and Evaluation FIRST 5 Santa Clara County (www.first5kids.org)

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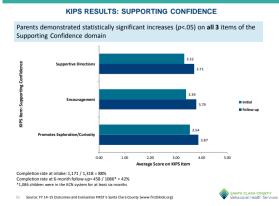




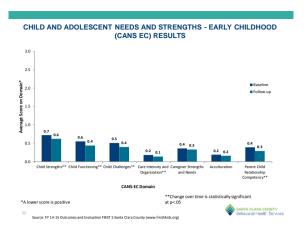
KIPS RESULTS: PROMOTING LEARNING









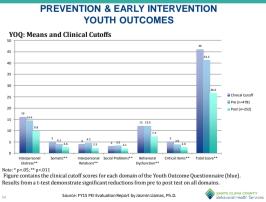




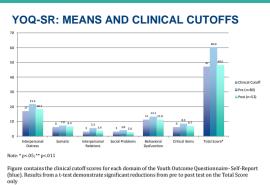
## PREVENTION & EARLY INTERVENTION EVALUATION PLAN

CANS Comprehensive 5+ Youth Outcome Questionnaire Outcome Questionnaire UCLA PTSD RI Eyberg Child Behavior Inventory Client Satisfaction Questionnaire





# 1 Cutoff 4-77) 4-752)



	*	SANTA CLARA COUNTY Behavioral Health Services
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**ECBI: MEANS AND CLINICAL CUTOFFS** 

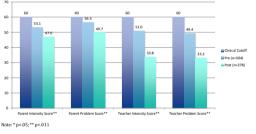
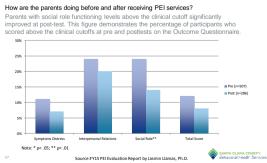
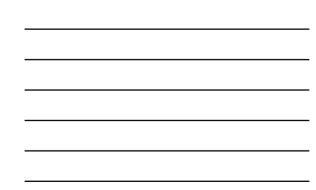


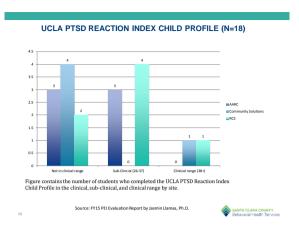
Figure contains the clinical cutoff scores for each domain of the Eyberg Child Behavior Inventories (blue). Results from a t-test demonstrate significant reductions from pre to post test on all measure domains.

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## PREVENTION & EARLY INTERVENTION PARENT OUTCOMES







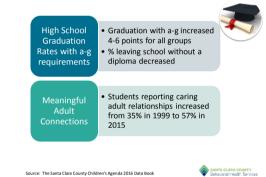


SYSTEM OUTC	OMES: EVERY CHILD SAFE
Children in Foster Care	Fewer children entering foster care in 2015 vs. 2007.     Placement stability is improving.
Child & Family Homelessness	<ul> <li>Number of homeless families, unaccompanied minors, and transitional aged youth has decreased.</li> </ul>
Juvenile Justice Engagement	<ul> <li>Number of youth engaged in the juvenile justice system at all decision points decreased</li> </ul>
Source: The Santa Clara Count	ty Children's Agenda 2016 Data Book



SYSTEM OUTCOMES: EVERY CHILD SUCCESSFUL IN LEARNING		
	School Readiness	38% of San Jose kindergarten students are ready.     Statewide school readiness assessment is     needed.
	Third Grade Language Arts/Literacy	• 1 <sup>st</sup> year of California Assessment of Student Performance and Progress • 53% of students met or exceeded the standard
	8 <sup>th</sup> Grade Math	• 1 <sup>st</sup> year of California Assessment of Student Performance and Progress • 40% of students met or exceed the standard
61	Source: The Santa Clara County Children's Agenda 2016 Data Book	

SYSTEM OUTCOMES: EVERY CHILD SUCCESSFUL IN LIFE



#### SUCCESSES AND CHALLENGES

#### Successes:

- Many more young children were provided early screening, through Nurse Family Partnership Program and Universal Developmental Screening project, and those identified with concerns were linked to appropriate services.
- Outcomes for children served through KidConnections Network of Providers
- show positive shifts with KCN services.
- The County has built strong relationships with the school districts and the schools.
- Youth and families who received PEI services demonstrated a statistically significant improvement in their quality of functioning.

Challenges:

- Universal Developmental Screening project is not as county wide at this time, therefore this still leaves a gap of children that may not be identified early for linkage to appropriate services.
- Retention of qualified staff within KidConnections is a challenge, as staff turnover amongst agencies is a continual occurrence.
- The needs of the schools far exceeds the services available.
- Communication between providers and school staff continues to be an area for growth.

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Comments & Questions

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## CONTACT INFORMATION

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