

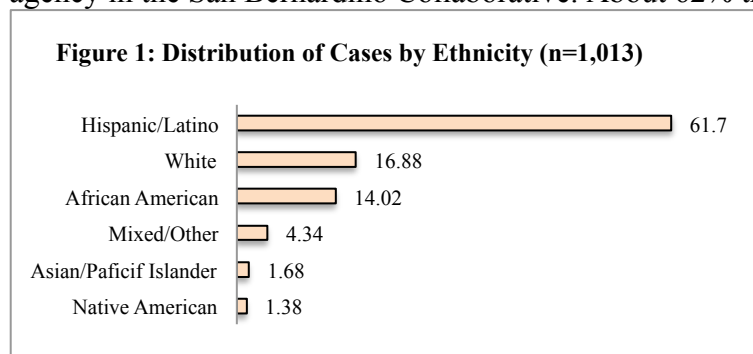
San Bernardino First5 Collaborative – Family Development Matrix Data Report July 2015 – May 2016

By
Ignacio A. Navarro Ph.D.¹

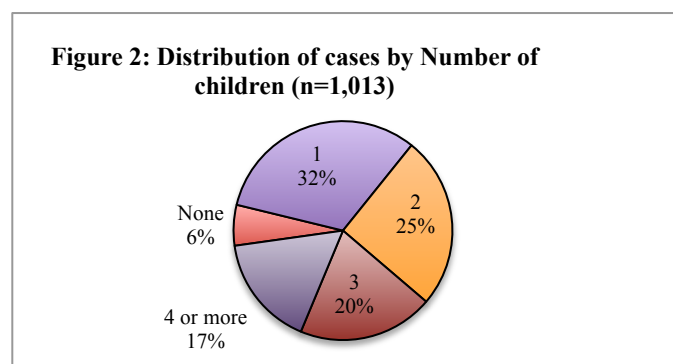
During the July 2015- May 2016 period the San Bernardino Collaborative completed 1,637 assessments with 1,013 families using the FDM². This report presents the data collected in the FDM on these cases. The first section describes the cases receiving first assessments in all agencies in the San Bernardino Collaborative and their baseline scores on 19 indicators of wellbeing. The second section describes the changes in wellbeing for cases that received 2 assessments and 3 assessments. The third section presents the same data disaggregated by agency.

1. Family Characteristics

Between July 2015 and May 2016, 1,013 cases received an FDM assessment at an agency in the San Bernardino Collaborative. About 62% the families that received a first assessment reported being of Hispanic or Latino descent; about 17% identified as White; 14% identified as African American, 2% identified as Asian/Pacific islander, 1% reported being of Native American descent, and 4% of another or a mix of ethnicities (Figure 1).



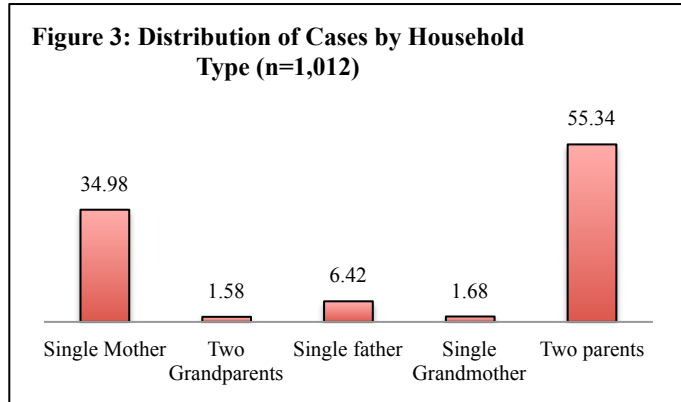
In terms of number of children, 94% of the families reported having at least one child (0 to 18 years old) at the time of the first assessment; about 17% reported having 4 or more children, and 57% reported having 1 or 2 children. Figure 2 presents the detailed distribution of number children (0 to 18 years of old) for the 1,103 cases receiving a first assessment.



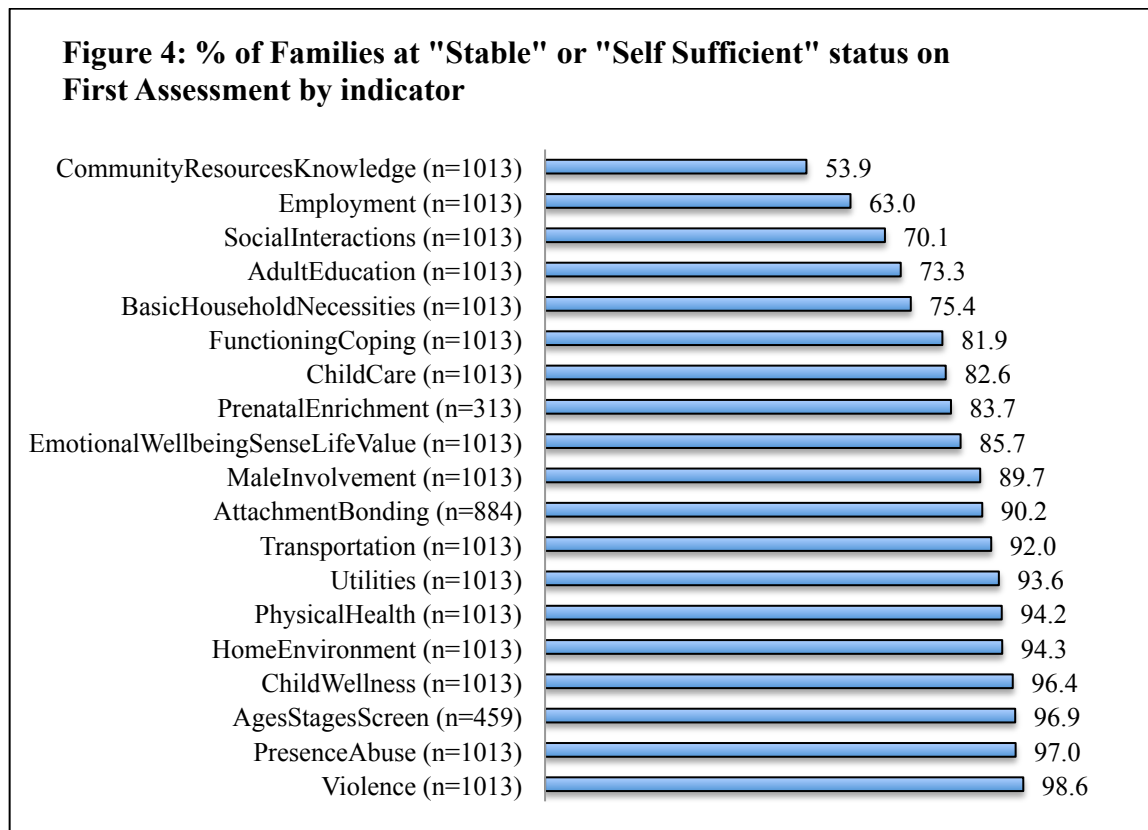
¹ Ignacio Navarro is an Associate Professor in the Department of Health, Human Services & Public Policy at California State University - Monterey Bay

² Although there were 1,040 cases in the data, 27 cases were not used in the analysis because they were de-activated with the stated reason that they were duplicates or entered incorrectly in the FDM.

When asked about household type, about 35% of cases reported being from a single mother household, 6.4% identified themselves as single fathers, 55.3% reported being a two-parent household and 1.7% and 1.6% reported being from a single grandmother and a two grandparent household respectively (figure 3).



Every case that receives an FDM assessment participates in a dialogue with a caseworker to assess the family’s strengths and challenges at the time of the assessment. The San Bernardino Collaborative uses 19 indicators to assess wellbeing. Each indicator is an ordinal measure reflecting a family’s situation relative to that dimension of wellbeing. Families can be rated as “in crisis”; “at risk”; “stable”; and “self sufficient” depending on their situation. Indicators rated as “stable” or “self-sufficient” are considered strengths that can be leveraged to address the challenge areas on indicators rated as “in crisis” or “at risk.” Figure 4 presents the percentage of cases that report being “stable” or “self-sufficient” in each of the 19 indicators used by San Bernardino Collaborative.

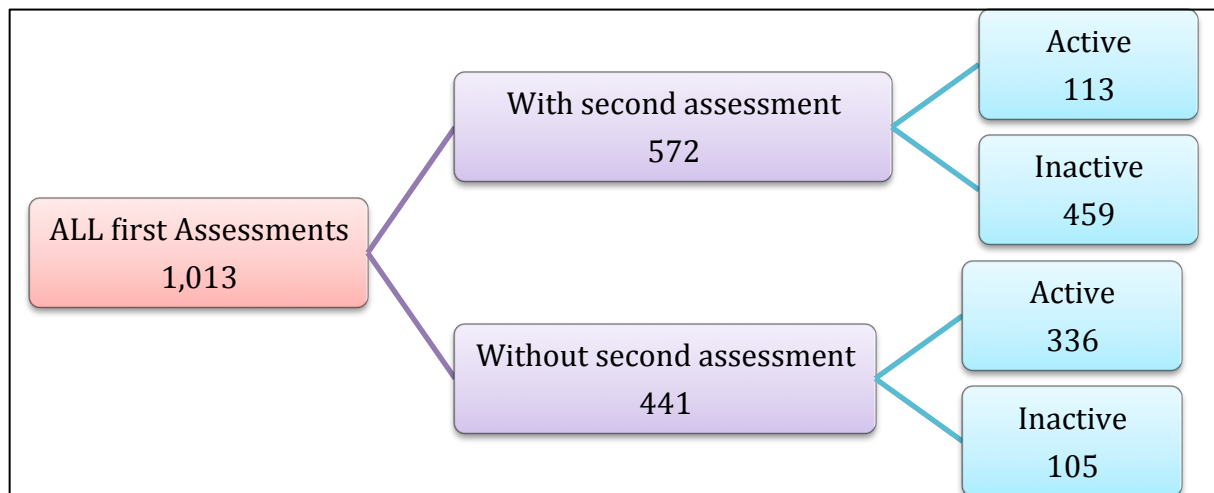


As figure 3 shows, a little more than 1/2 of the families (54%) arrive at the agencies in the Collaborative with a score of “stable” or “self-sufficient” in the indicator of “Community Resources Knowledge” at the time of the first assessment. Additionally, about 63% are at the “stable” or “self-sufficient” level in the indicator of “Employment” and 70% on the indicator of Social Interactions. Other indicators with relatively lower numbers of cases rated as “stable” or “self sufficient” levels are those of “Basic Household Necessities” (75%); “Adult Education” (82%), “Functioning/coping” (82%) and “Childcare” (83%). This distribution of scores clearly presents a picture of the vulnerable population served by the agencies in the San Bernardino Collaborative. These families tend to be under economic distress and disconnected from community resources and/or social support.

2. Second and Third Assessments

Out of the 1,103 cases that received a first assessment between July 2015 and May 2016, 572 received a second assessment and an additional 441 had not received a second assessment by the date these data were downloaded (June 1st 2016). As figure 5 presents, of the 441 families that had not received a second assessment, 336 are still considered active cases (76%), so agencies in the Collaborative are still managing their cases.

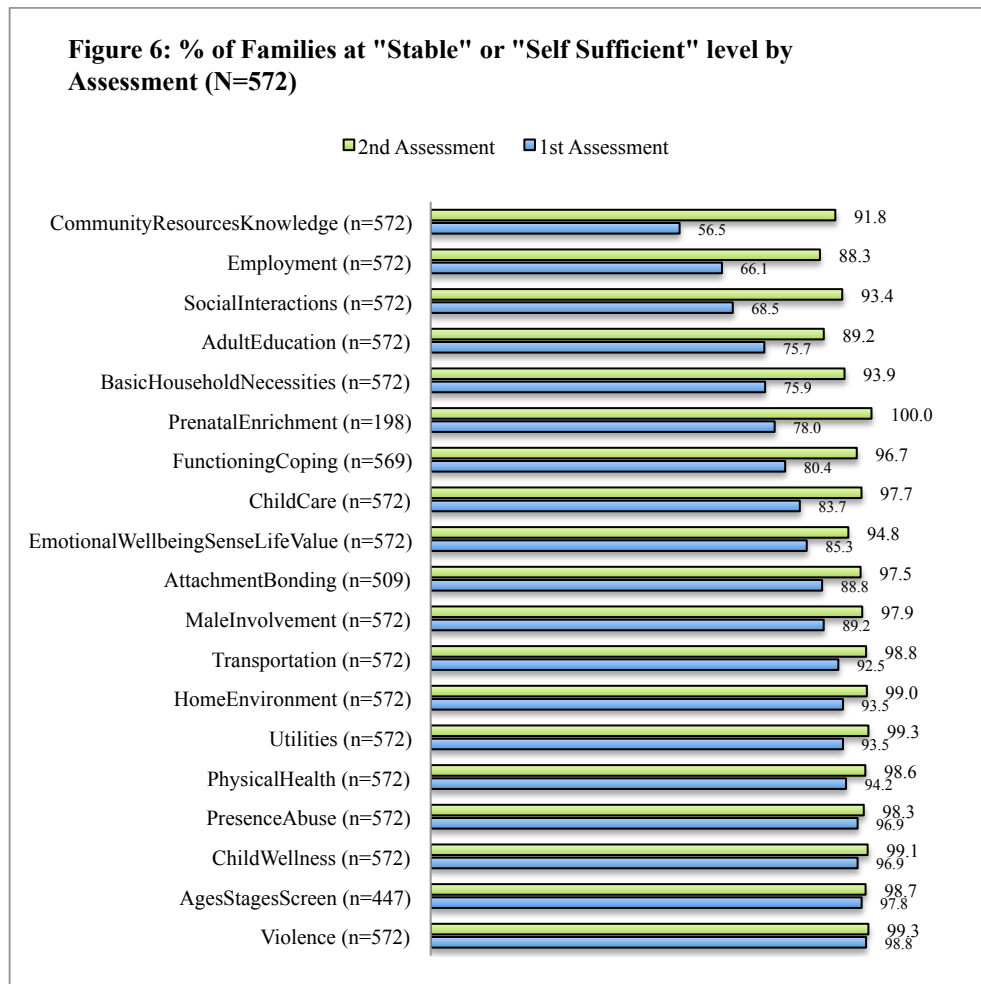
Figure 5: Number of families receiving first and second assessments



A closer look at the reasons why the 105 families that did not return for a second assessment and had a case closed revealed that 70% of them were dropped because they did not engage in the process (i.e. of lack of participation) while the rest either achieved their goals (7%) requested to leave services (10%) or relocated before a second assessment. This means that 93% of the clients that received a first assessment at the agencies in the Collaborative either received a second assessment, is scheduled to receive one, or did not need one. Only 7.3% (74/1,013) had a case closed for not engaging in the intervention and not coming back to a second assessment.

The results presented in table 6 show the percentage of cases at stable or self sufficient level at first and second assessments only for cases that had at least 2 assessments. The cases that had at least 2 assessments as a group showed improvements

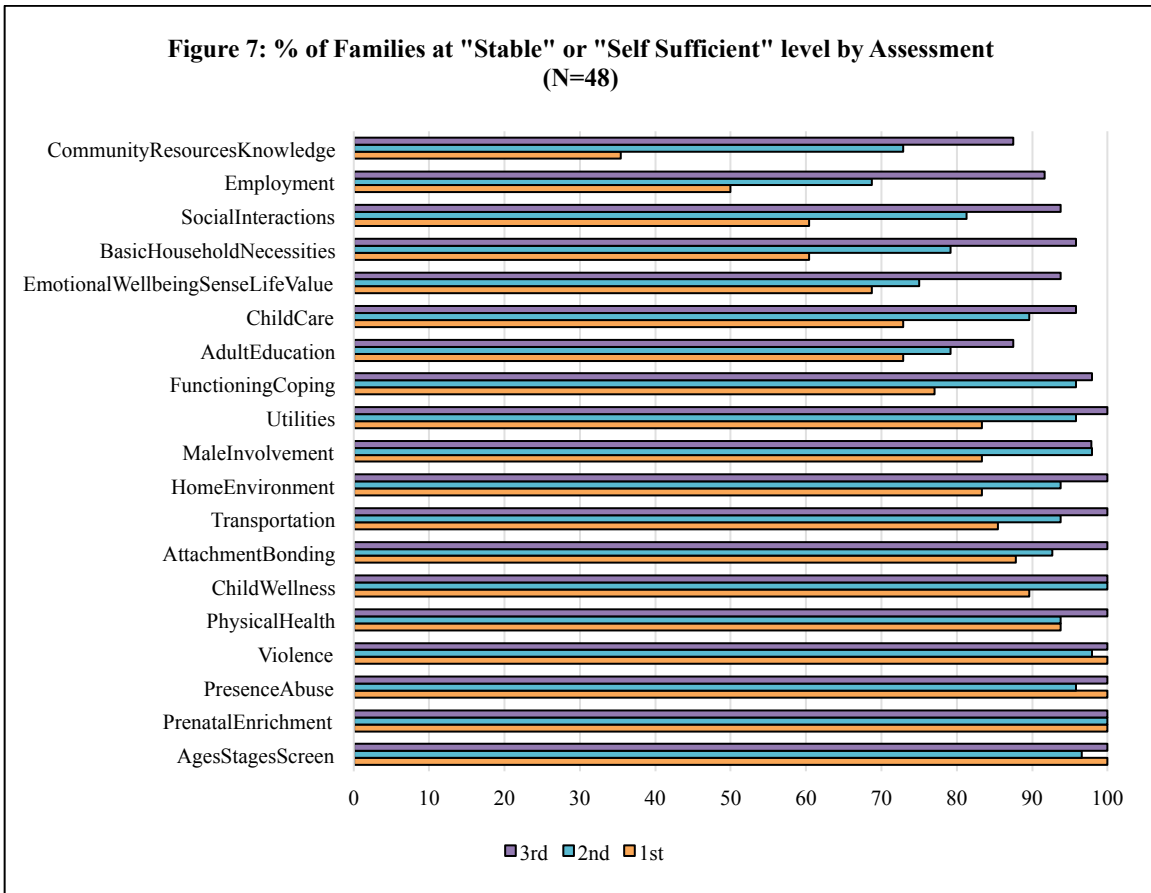
in all of the indicators between first and second assessment. The greatest gains in the percentage of cases that scored at stable or self-sufficient on the second assessment when compared to the first assessment were observed in the indicators of “Community Resource Knowledge”, “Employment” and “Social interactions” (with differences of 35; 22; and 25 percentage points respectively). For the indicators of “Basic Household needs” and “Prenatal Enrichment” the gains were also significant (22 percentage points). All these differences were statistically significant at the .05 level using a pooled test of difference in proportions³.



Out of the 572 cases that had a second assessment, 48 received a 3rd assessment. The percentages of cases at the stable or self-sufficient level in each assessment for this group of cases is presented in Figure 7. As the figure shows, these cases faced significant challenges at the first assessment when compared with all the cases that received a first assessment (figure 4) or families that received 2 assessments (figure 6). However, by their third assessment they show improvement on all indicators and specifically

³ With the exception of the differences between 1st and 2nd assessment for the indicators of Violence, Ages-Stages, and Presence of Abuse, all differences were statistically significant.

tremendous improvement on the indicators of “Community Resource Knowledge”, “Employment”, “Social interactions”, and “Basic household necessities”.



4. Conclusion

In Conclusion, the data in this report shows that during the July 2015 –May 2016 period, The San Bernardino Collaborative served a large group of families facing many challenges. They provided services and referrals for 1,103 cases and achieved a high engagement rate with its clients. Clients that returned for a second assessment as a group report significant positive changes in all indicators; specially in the area of employment and being linked to local resources, but also in critical areas of wellbeing such as basic household needs, prenatal enrichment, adult education, functioning and coping, childcare and male involvement, among other. Although only 48 families received a third assessment, an analysis of these group revealed that they were more likely to have lower baseline scores than the group as a whole, but achieved great gains by the third assessment to levels comparable to those cases that had 2 assessments and had much higher baseline scores at their first assessment.

5. Agency level data

The San Bernardino collaborative is comprised by 11 agencies. Table 1 presents all the agencies and the assessments they conducted during the July 2015- May 2016. The client demographic characteristics vary widely across agencies in terms of race/ethnicity,

household type, and number of children, as shown in tables 2, 3 and 4. The cases served by the 11 agencies in the Collaborative also presented varied needs across different agencies. As table 5 presents, the percentage of cases that arrived to the agencies at a stable or self-sufficient level varied by indicator across the different agencies. Finally, table 6 shows the percentage of cases at the stable or self-sufficient level at first and second assessment only for cases that had at least 2 assessments.

Table 1: Number of Assessments by Agency

Agency	Assessments				ALL
	First	Second	Third	Fourth	
BVCHD The Mom and Dad Project	64	45	4	1	114
Building a Generation	50	33	5	0	88
Chino Valley USD-TYKES Program	93	80	8	1	182
El Sol Neighborhood Educational Center	131	80	6	0	217
Family Service Association	50	16	4	0	70
Moses House Ministries	165	83	3	0	251
Parents Anonymous	183	66	6	1	256
Reach Out	118	84	1	0	203
St. Joseph Healthy- St. Mary	51	35	5	0	91
Walden Family Services	79	32	6	0	117
Westcare Needles	29	19	0	0	48
San Bernardino Collaborative	1,013	573	48	3	1,637

Table 2: Distribution of Cases' Race/Ethnicity by agency

Agency	African American	Hispanic/Latino	Asian/Pacific Islander	White	Native American	Mixed/Other	Cases (N)
BVCHD Mom-Dad Project (%)	1.6	15.6	1.6	71.9	1.6	7.8	64
Building a Generation (%)	4.0	68.0	0.0	24.0	0.0	4.0	50
Chino V. USD-TYKES (%)	1.1	94.6	3.2	1.1	0.0	0.0	93
El Sol Neighborh. Ed. Cent (%)	5.3	88.6	0.0	2.3	0.8	3.1	131
Family Service Assoc. (%)	12.0	38.0	2.0	46.0	2.0	0.0	50
Moses House Ministries (%)	40.0	36.4	0.6	17.0	1.2	4.9	165
Parents Anonymous (%)	15.3	70.0	1.1	10.4	0.6	2.7	183
Reach Out (%)	9.3	71.2	5.9	5.9	0.9	6.8	118
St. Joseph Health- St. Mary (%)	5.9	54.9	2.0	27.5	2.0	7.8	51
Walden Family Services (%)	21.5	63.3	1.3	8.9	1.3	3.8	79
Westcare Needles (%)	0.0	27.6	0.0	37.9	17.2	17.2	29
All	14.0	61.7	1.7	16.9	1.4	4.3	1,013

Table 3: Distribution of Cases' Household Type by Agency

Agency	Household type					Cases (N)
	Single Mother	Two Grandparents	Single father	Single Grandmother	Two parents	
BVCHD The Mom and Dad Project (%)	15.9	1.6	6.4	3.2	73.0	63
Building a Generation (%)	28.0	4.0	2.0	0.0	66.0	50
Chino Valley USD-TYKES Program (%)	14.0	6.5	0.0	2.2	77.4	93
El Sol Neighborhood Educational Center (%)	23.7	3.8	0.8	2.3	69.5	131
Family Service Association (%)	38.0	0.0	12.0	2.0	48.0	50
Moses House Ministries (%)	66.1	0.0	7.9	0.6	25.5	165
Parents Anonymous (%)	38.8	1.1	7.1	4.4	48.6	183
Reach Out (%)	20.3	0.0	13.6	0.0	66.1	118
St. Joseph Healthy- St. Mary (%)	21.6	0.0	0.0	0.0	78.4	51
Walden Family Services (%)	50.6	0.0	11.4	0.0	38.0	79
Westcare Needles (%)	41.4	0.0	6.9	0.0	51.7	29
All (%)	35.0	1.6	6.4	1.7	55.3	1012

Table 4: distribution of cases' reported number of children by agency

Agency	Number of children under 18					Cases (N)
	None	1	2	3	4 or more	
BVCHD The Mom and Dad Project (%)	31.3	29.7	25.0	10.9	3.1	64
Building a Generation (%)	2.0	22.0	32.0	24.0	20.0	50
Chino Valley USD-TYKES Program (%)	3.2	17.2	38.7	28.0	12.9	93
El Sol Neighborhood Ed. Center (%)	0.8	24.4	29.0	29.8	16.0	131
Family Service Association (%)	2.0	34.0	30.0	22.0	12.0	50
Moses House Ministries (%)	3.0	31.5	21.2	17.6	26.7	165
Parents Anonymous (%)	0.0	26.8	26.2	20.8	26.2	183
Reach Out (%)	7.6	32.2	24.6	25.4	10.2	118
St. Joseph Healthy- St. Mary (%)	17.7	37.3	15.7	11.8	17.7	51
Walden Family Services (%)	10.1	73.4	12.7	2.5	1.3	79
Westcare Needles (%)	13.8	44.8	24.1	10.3	6.9	29
All (%)	6.0	32.0	25.5	20.0	16.5	1,013

Table 5: Percentage of clients at Stable or Self-Sufficient status at time of first assessment by agency⁴

Indicator	BVCHD Mom/Dad Project	Building a Generation	ChinoV. USD-TYKES	El Sol Neighborhood Educ. Center	Family Service Association	Moses House Ministries
AdultEducation	95.3	92.0	74.2	58.0	80.0	72.7
AgesStagesScreen	100.0	95.1	96.2	84.6	100.0	100.0
AttachmentBonding	95.0	83.3	88.6	90.7	88.5	97.3
BasicHouseholdNecessities	93.8	70.0	88.2	79.4	64.0	60.0
ChildCare	96.9	84.0	96.8	90.1	44.0	89.1
ChildWellness	98.4	90.0	100.0	99.2	96.0	92.7
CommunityResourcesKnowledge	82.8	52.0	54.8	72.5	26.0	61.8
EmotionalWellbeingSenseLifeValue	92.2	94.0	81.7	89.3	90.0	83.0
Employment	96.9	88.0	63.4	75.6	42.0	61.8
FunctioningCoping	85.9	88.0	84.9	84.7	86.0	80.0
HomeEnvironment	98.4	92.0	100.0	83.2	94.0	98.2
MaleInvolvement	93.8	92.0	96.8	87.8	84.0	95.2
PhysicalHealth	98.4	96.0	100.0	91.6	90.0	89.1
PrenatalEnrichment	22.9	100.0	100.0	66.7	100.0	97.8
PresenceAbuse	96.9	98.0	97.8	97.7	96.0	98.8
SocialInteractions	71.9	56.0	82.8	84.0	44.0	88.5
Transportation	98.4	94.0	97.8	92.4	94.0	86.1
Utilities	98.4	94.0	100.0	90.8	90.0	92.7
Violence	96.9	100.0	100.0	98.5	98.0	98.2
N	64	50	93	131	50	165

Table 5 (Continued):

Agency	Parents Anonymous	Reach Out	St. Joseph Healthy-St. Mary	Walden Family Services	Westcare Needles	All
AdultEducation	62.3	84.7	78.4	67.1	82.8	73.3
AgesStagesScreen	94.2	99.0	100.0	100.0	93.8	96.9
AttachmentBonding	78.1	92.9	94.4	98.5	100.0	90.2
BasicHouseholdNecessities	73.2	91.5	72.5	68.4	65.5	75.4
ChildCare	67.8	91.5	84.3	69.6	89.7	82.6
ChildWellness	97.3	99.2	96.1	92.4	96.6	96.4
CommunityResourcesKnowledge	25.7	74.6	35.3	40.5	72.4	53.9
EmotionalWellbeingSenseLifeValue	74.9	94.9	84.3	91.1	79.3	85.7
Employment	42.6	88.1	66.7	24.1	55.2	63.0
FunctioningCoping	70.5	89.0	78.4	86.1	82.8	81.9
HomeEnvironment	93.4	97.5	96.1	92.4	93.1	94.3
MaleInvolvement	82.0	95.8	84.3	84.8	89.7	89.7
PhysicalHealth	94.5	100.0	88.2	94.9	93.1	94.2
PrenatalEnrichment	73.2	94.7	100.0	80.6	100.0	83.7
PresenceAbuse	92.9	100.0	100.0	96.2	93.1	97.0
SocialInteractions	49.2	84.7	62.7	59.5	41.4	70.1
Transportation	94.0	96.6	88.2	79.7	93.1	92.0
Utilities	88.5	97.5	94.1	94.9	96.6	93.6
Violence	98.9	100.0	98.0	96.2	100.0	98.6
N	183	118	51	79	29	1,013

⁴ The number of cases at the bottom of the table refer to all clients in the agency that received a first assessment. While the percentages for most indicators are calculated with the N presented in the table, the percentages in indicators for which not all clients were assessed are calculated with the actual number of cases assessed for the indicator

Table 6: Percentage of clients at Stable or Self-Sufficient status at time of first assessment by agency by assessment and agency (1 of 4)⁵

Agency	BVCHD The Mom and Dad Project N=45		Building a Generation N= 33		Chino Valley USD-TYKES Program N=80	
	1st	2nd	1st	2nd	1st	2nd
AdultEducation	95.6	95.6	97.0	93.9	80.0	85.0
AgesStagesScreen	100.0	100.0	92.0	92.6	95.6	97.0
AttachmentBonding	92.0	100.0	77.4	93.8	86.7	97.4
BasicHouseholdNecessities	93.3	95.6	72.7	81.8	90.0	97.5
ChildCare	95.6	100.0	81.8	93.9	96.3	98.8
ChildWellness	97.8	100.0	90.9	93.9	100.0	100.0
CommunityResourcesKnowledge	82.2	97.8	51.5	84.8	55.0	90.0
EmotionalWellbeingSenseLifeValue	88.9	95.6	90.9	93.9	80.0	92.5
Employment	95.6	95.6	87.9	90.9	72.5	93.8
FunctioningCoping	84.4	100.0	90.9	93.9	85.0	100.0
HomeEnvironment	100.0	100.0	93.9	93.9	100.0	100.0
MaleInvolvement	93.3	95.6	93.9	100.0	96.3	96.3
PhysicalHealth	97.8	97.8	97.0	100.0	100.0	100.0
PrenatalEnrichment	14.8	100.0	100.0	100.0	100.0	100.0
PresenceAbuse	95.6	95.6	97.0	97.0	97.5	97.5
SocialInteractions	68.9	95.6	54.5	87.9	80.0	97.5
Transportation	97.8	97.8	97.0	97.0	98.8	100.0
Utilities	100.0	100.0	93.9	93.9	100.0	100.0
Violence	97.8	100.0	100.0	100.0	100.0	100.0

Table 6: Continued (2 of 4).

Agency	El Sol Neighborhood Educational Center N=79		Family Service Association N=16		Moses House Ministries N=83	
	1st	2nd	1st	2nd	1st	2nd
AdultEducation	53.2	96.3	87.5	81.3	74.7	89.2
AgesStagesScreen	100.0	98.7	100.0	100.0	100.0	98.6
AttachmentBonding	91.0	100.0	100.0	100.0	94.9	100.0
BasicHouseholdNecessities	70.9	96.3	62.5	87.5	54.2	88.0
ChildCare	83.5	100.0	37.5	56.3	89.2	98.8
ChildWellness	100.0	100.0	100.0	93.8	94.0	97.6
CommunityResourcesKnowledge	65.8	97.5	18.8	62.5	68.7	94.0
EmotionalWellbeingSenseLifeValue	88.6	97.5	87.5	100.0	83.1	97.6
Employment	60.8	97.5	25.0	43.8	57.8	86.7
FunctioningCoping	82.3	97.5	87.5	93.8	74.7	97.5
HomeEnvironment	73.4	97.5	100.0	100.0	97.6	100.0
MaleInvolvement	86.1	100.0	87.5	87.5	95.2	100.0
PhysicalHealth	88.6	98.8	87.5	93.8	91.6	98.8
PrenatalEnrichment	57.1	100.0	100.0	100.0	95.8	100.0
PresenceAbuse	97.5	100.0	100.0	100.0	97.6	98.8
SocialInteractions	78.5	98.8	18.8	87.5	84.3	97.6
Transportation	89.9	100.0	100.0	100.0	83.1	96.4
Utilities	87.3	97.5	93.8	100.0	90.4	100.0
Violence	98.7	100.0	100.0	100.0	98.8	100.0

⁵ The number of cases at the top of the table refer to all clients in the agency that received a second assessment. While the percentages for most indicators are calculated with the N presented in the table, the percentages in indicator for which not all clients were assessed are calculated with the actual number of cases assessed for the indicator.

Table 6: Continued (3 of 4)

Agency	Parents Anonymous N=66		Reach Out N=84		St. Joseph Healthy- St. Mary N=35	
	1st	2nd	1st	2nd	1st	2nd
AdultEducation	60.6	75.8	84.5	92.9	71.4	82.9
AgesStagesScreen	100.0	100.0	98.7	100.0	100.0	100.0
AttachmentBonding	71.4	87.7	91.3	98.8	96.4	100.0
BasicHouseholdNecessities	72.7	97.0	91.7	96.4	71.4	88.6
ChildCare	59.1	100.0	90.5	100.0	82.9	100.0
ChildWellness	95.5	100.0	98.8	100.0	97.1	100.0
CommunityResourcesKnowledge	21.2	80.3	75.0	98.8	37.1	85.7
EmotionalWellbeingSenseLifeValue	68.2	83.3	94.0	97.6	91.4	94.3
Employment	43.9	68.2	89.3	95.2	74.3	85.7
FunctioningCoping	57.6	87.9	86.9	97.6	77.1	97.1
HomeEnvironment	93.9	100.0	97.6	98.8	94.3	97.1
MaleInvolvement	72.7	98.5	94.0	97.6	88.6	97.1
PhysicalHealth	93.9	100.0	100.0	100.0	85.7	94.3
PrenatalEnrichment	63.2	100.0	100.0	100.0	100.0	100.0
PresenceAbuse	92.4	93.9	100.0	100.0	100.0	100.0
SocialInteractions	47.0	84.8	82.1	94.0	54.3	80.0
Transportation	90.9	100.0	97.6	100.0	91.4	97.1
Utilities	84.8	100.0	97.6	100.0	91.4	100.0
Violence	98.5	93.9	100.0	100.0	97.1	100.0

Table 6: Continued (4 of 4)

Agency	Walden Family Services N=32		Westcare Needles N=19		All N=572	
	1st	2nd	1st	2nd	1st	2nd
AdultEducation	78.1	93.8	78.9	94.7	75.7	89.2
AgesStagesScreen	100.0	100.0	90.9	100.0	97.8	98.7
AttachmentBonding	96.7	100.0	100.0	100.0	88.8	97.5
BasicHouseholdNecessities	65.6	96.9	73.7	100.0	75.9	93.9
ChildCare	75.0	93.8	94.7	100.0	83.7	97.7
ChildWellness	90.6	100.0	94.7	100.0	96.9	99.1
CommunityResourcesKnowledge	28.1	96.9	73.7	100.0	56.5	91.8
EmotionalWellbeingSenseLifeValue	96.9	100.0	73.7	94.7	85.3	94.8
Employment	25.0	84.4	52.6	100.0	66.1	88.3
FunctioningCoping	90.6	96.9	84.2	100.0	80.4	96.7
HomeEnvironment	93.8	100.0	89.5	100.0	93.5	99.0
MaleInvolvement	78.1	100.0	84.2	94.7	89.2	97.9
PhysicalHealth	93.8	93.8	89.5	100.0	94.2	98.6
PrenatalEnrichment	80.0	100.0	100.0	100.0	78.0	100.0
PresenceAbuse	93.8	100.0	89.5	100.0	96.9	98.3
SocialInteractions	59.4	96.9	31.6	89.5	68.5	93.4
Transportation	81.3	96.9	94.7	100.0	92.5	98.8
Utilities	96.9	100.0	100.0	100.0	93.5	99.3
Violence	93.8	100.0	100.0	100.0	98.8	99.3