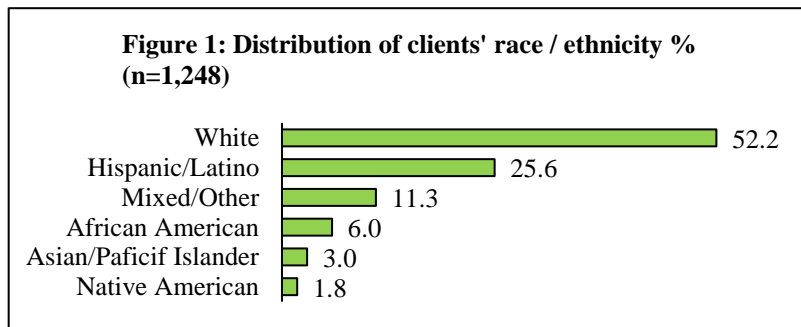


Washington ECEAP Collaborative - FDM Data Report
Data as of June 2016
By
Ignacio A. Navarro Ph.D.¹

During the August 2015-June 2016 period the Washington Collaborative completed 2,706 assessments with 1,248 families using the FDM². This report presents the data collected in the FDM on these Families. The first section describes the demographic characteristics and baseline scores for families receiving first assessments in all agencies in the Washington Collaborative. The second section presents the families' progress on 21 indicators of wellbeing from the first to second and third assessments. The third section presents conclusions at the collaborative level and the fourth section presents data disaggregated by agency.

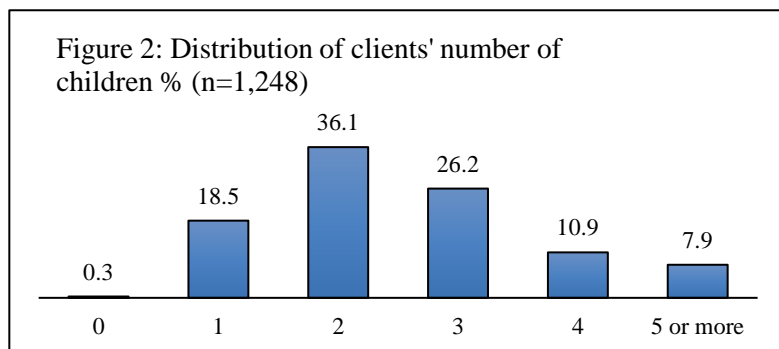
1. Family Characteristics

Between August 2015 and June 21st 2016, 1,248 families received a FDM baseline assessment at an agency in the Washington Collaborative. About 52% of the families that received a first assessment reported being of White/Caucasian descent; 26% reported a Hispanic or Latino



ethnicity; 6% identified as African American, 3% identified as Asian/Pacific islander, 2% reported being of Native American descent, and 11% of another or a mix of ethnicities (Figure 1).

As shown in figure 2, about 99% of the families reported having at least one child (0 to 18 years old) at the time of the first assessment; about 19% reported having 4 or more children, 26% reported having 3



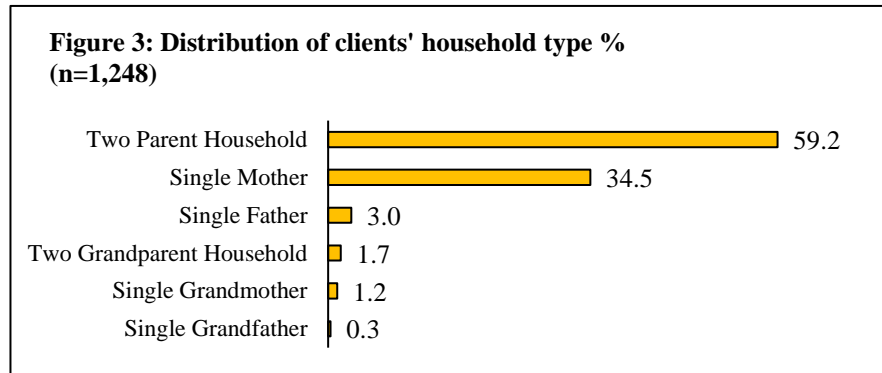
children and 54% reported having 1 or 2 children. Figure 2 presents the detailed distribution of number children (0 to 18 years of old) for the 1,248 families receiving a first

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 1,259 first assessments in the data, 11 were not used in the analysis because they were deactivated with the stated reason that they were “duplicates” or added by “mistake”/ “error”.

assessment. Aggregating all the reported children for the families served we see that the collaborative provided services for 3,221 children under 19 years of age within the 1,248 families it served.

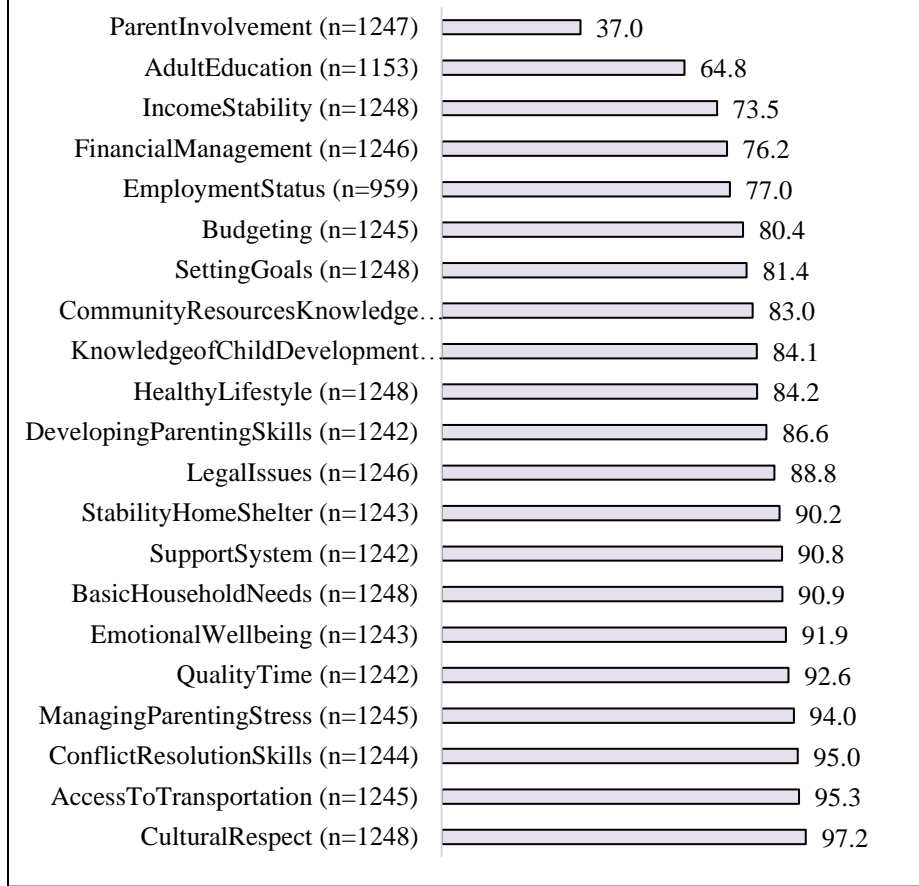
In terms of household type, about 59% of families reported being from two-parent household, 35% identified themselves as single Mothers, 3% reported being a single father and 1 and 2% reported being from a single grandparent and a two grandparent household respectively (figure 3).



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 Washington Collaborative uses 21 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 at the time of the assessment. 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 families that report being “stable” or “self-sufficient” in each of the 21 indicators used by Washington Collaborative.

As figure 4 shows, only about 37% of the families served by the agencies in the Collaborative have score of “stable” or “self-sufficient” in the indicator of “Parent involvement” at the time of the first assessment. Additionally, about 65% are at the “stable” or “self-sufficient” level in the indicator of “Adult Education” and 74% on the indicator of “Income Stability”. Other indicators with relatively lower numbers of families rated as “stable” or “self sufficient” levels are those of “Financial Management” (76%); “Employment Status” (77%), “Budgeting” (80%), and “Setting Goals” (81%).

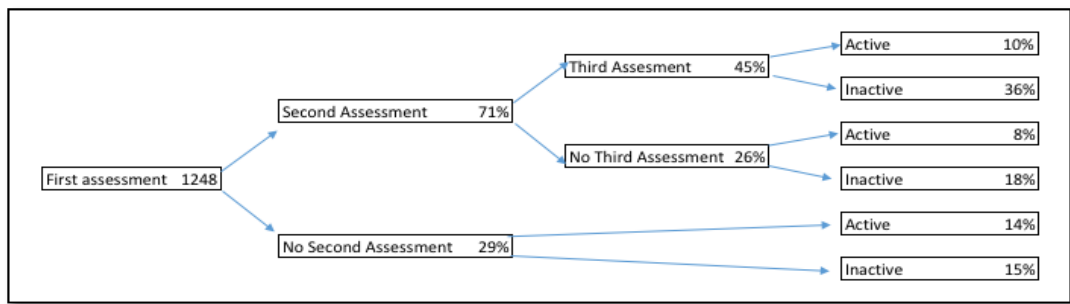
Figure 4: Percent of families at stable or self sufficient level on first assessment by indicator



2. Second and third assessments

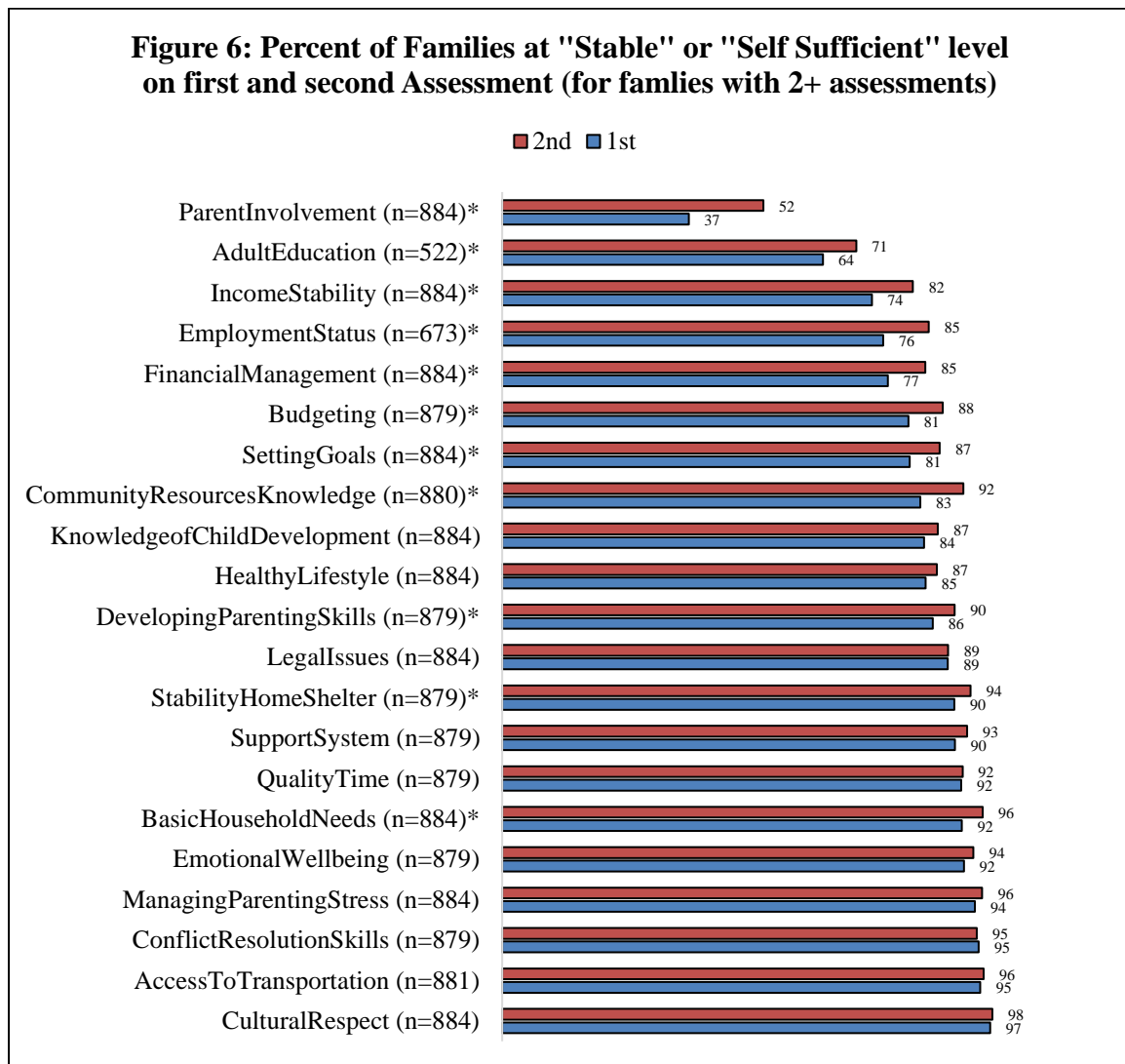
Out of the 1,248 families that received a first assessment by June 2016, 71% (886) received a second assessment and 45% (567) received a third assessment by the date these data were downloaded (June 21st, 2016). As figure 5 presents, of all the families that received a first assessment, only 15% did not receive a second assessment and were de-activated, the other 85% went on to receive a second assessment or are still active in their case management.

Figure 5: Number of families receiving first and second assessments



The top 3 stated reasons for deactivation (which comprise more than 80% of the data) of these 15% of families were, “end of program year”, “family moving from the area”, “child moving to kindergarten”. Only 13 families were deactivated for the stated reason of “lack of participation”.

Families that continued to in the program and eventually received a second assessment were reevaluated on the 21 FDM indicators of wellbeing. Their progress in each indicator from first to second assessment is presented in figure 6. The results presented in the figure show the percentage of cases at “stable” or “self sufficient” level at first and second assessments only for families that had at least 2 assessments.



As figure 6 presents, cases that had at least 2 assessments, as a group, show significant improvements in most indicators between their first and second assessments. 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 “Parent Involvement”, “Employment” and “Community Resource Knowledge” (with

differences of 14.9; 9.1; and 8.6 percentage points respectively). For the indicators of “Income Stability”, “Financial Management” and “Budgeting” the gains were also significant (8.2; 7.5; and 6.7 percentage points respectively). All these differences were statistically significant at the .05 level using a pooled test of difference in proportions³.

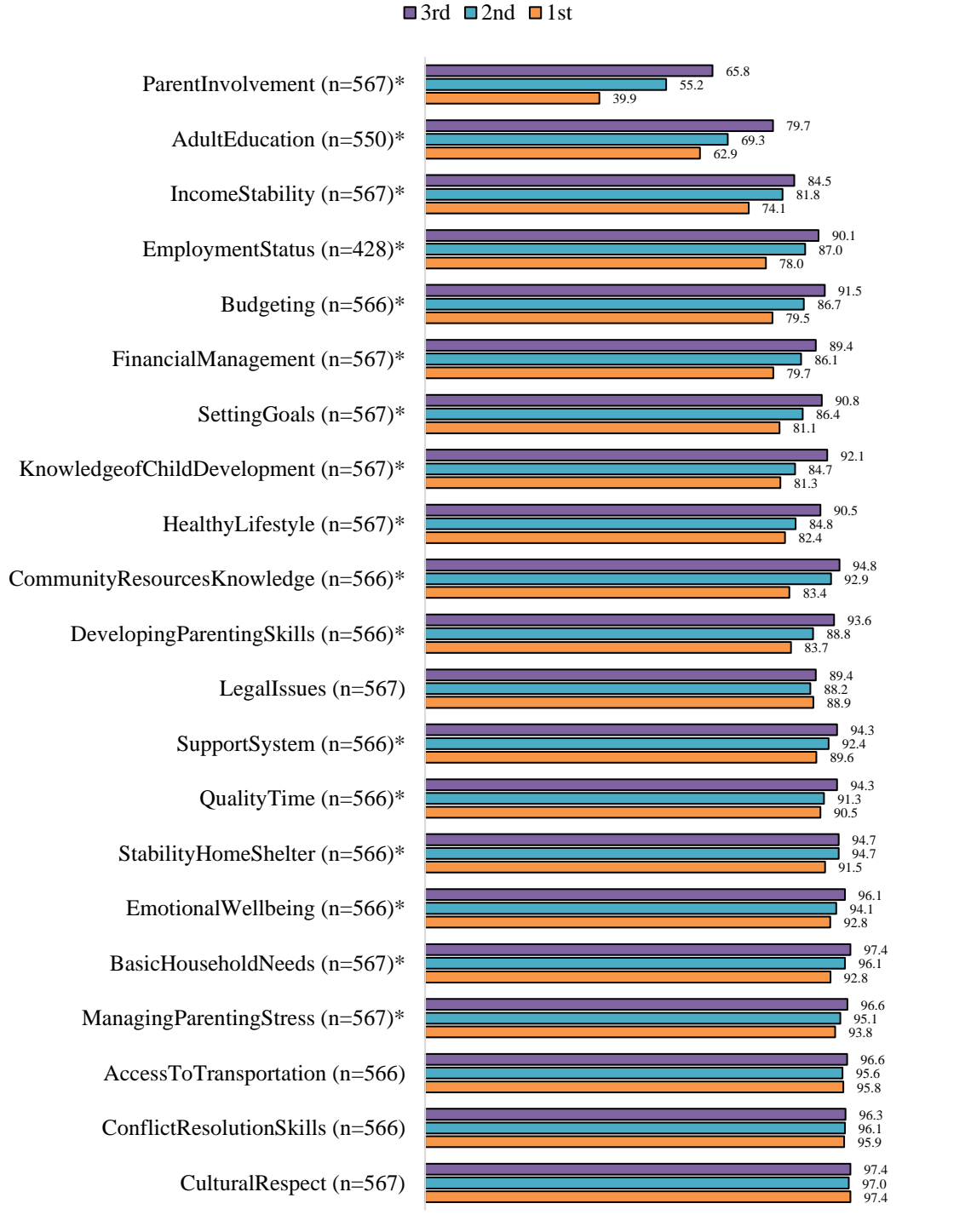
Figure 7 presents the progress only for families that received at least 3 assessments. As the figure shows, “Parent Involvement”, “Employment” and “Employment” showed the greatest gains between first and third assessment (with differences of 25; 17; and 12 percentage points respectively). Other indicators showing gains larger than 9 percentage points from first to third assessment are in those of “Budgeting”, “Community Resources Knowledge”, “Knowledge of Child Development”, “Income Stability”, “Developing Parenting Skills”, “Financial Management”, and “Setting Goals”.

3. Conclusion

The data in this report shows that by June 2016, The Collaborative served a large group of families facing challenges in parent involvement, adult education, income stability, and financial management. They provided services and referrals for 1,248 families and seem to be achieving a high engagement rate with its clients. Since the last report in January 2016, the collaborative as a whole increased significantly the number of families that received a second and even third assessments. In fact 85% of all families received a second assessment or are still case managed and only 15% left the program without receiving a second assessment. For the 886 families receiving a second assessment, as a group, the data shows positive changes in the percentage of families rated as “Stable “ or Self Sufficient” in all indicators. Most notably in the indicators of “Parent Involvement”, “Employment”, “Community Resource Knowledge”, “Income Stability”, “Financial Management”, and “Budgeting”. These changes were even greater for the 567 families that continued in the program and received a third assessment.

³ The star next to the indicator name in figures 6 and 7 indicates if the difference between the baseline and last assessment was statistically significant at the .05 level

Figure 7: Percent of families at "Stable" or "Self Sufficient" level on first through third assessment (for families with 3+ assessments)



4. Agency level data

The Washington collaborative is comprised by 9 agencies. Table 1 presents all the agencies and the assessments they conducted by June 21st 2016. The client demographic characteristics vary across agencies in terms of race/ethnicity, household type, and number of children, as shown in tables 2, 3, and 4 respectively. In addition, the families served in the Collaborative presented varied needs across different agencies. As table 5 presents, the percentage of families that arrived to the agencies at a stable or self-sufficient level varied by indicator across the different agencies. Finally, as table 6 presents, agencies achieved different levels of gains between first and second assessments.

Table 1: Number of Assessments by Agency

Agency	Assessment					Total
	1	2	3	4	5	
Central Valley School District	222	144	47	0	0	413
Centralia College	64	54	48	2	1	169
Community Child Care Center	129	87	59	0	0	275
Educational Service District 112 / ECEAP	358	281	178	0	0	817
Lower Columbia College ECEAP/HStart	45	27	24	0	0	96
NEWESD 101	67	61	53	1	0	182
Olympic Community Action Programs	59	55	54	0	0	168
Puget Sound Educational Service District	195	77	9	0	0	281
South Bend Early Learning Center	109	100	95	1	0	305
Total	1,248	886	567	4	1	2,706

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

Agency	African American	Hispanic /Latino	Asian/ Pacific Islander	White	Native American	Mixed / Other	N
Central Valley School District (%)	1.35	13.06	3.15	71.62	2.25	8.56	222
Centralia College (%)	0	35.94	0	50	0	14.06	64
Community Child Care Center (%)	5.43	5.43	6.98	67.44	3.1	11.63	129
Educational Service District 112 / ECEAP (%)	3.91	37.43	3.63	44.13	0.28	10.61	358
Lower Columbia College ECEAP/HStart (%)	2.22	6.67	2.22	82.22	0	6.67	45
NEWESD 101 (%)	1.49	1.49	0	82.09	0	14.93	67
Olympic Community Action Programs (%)	1.69	40.68	0	45.76	5.08	6.78	59
Puget Sound Educational Service District (%)	24.62	28.72	3.59	22.05	3.59	17.44	195
South Bend Early Learning Center (%)	0	38.53	0.92	49.54	2.75	8.26	109
All (%)	6.01	25.56	3.04	52.24	1.84	11.3	1,248

Table 3: Distribution of Cases' Household Type by Agency

Agency	Household type						N
	Single Grandfather	Single Mother	Two Grandparent Household	Single Father	Single Grandmother	Two Parent	
Central Valley School District (%)	0	31.08	0.45	4.05	0.45	63.96	222
Centralia College (%)	1.56	39.06	3.12	1.56	0	54.69	64
Community Child Care Center (%)	0	32.56	2.33	2.33	2.33	60.47	129
Educational Service District 112 / ECEAP (%)	0.28	31.01	0.84	3.35	0.84	63.69	358
Lower Columbia College ECEAP/HStart (%)	0	13.33	2.22	2.22	0	82.22	45
NEWESD 101 (%)	2.99	34.33	2.99	2.99	5.97	50.75	67
Olympic Community Action Programs (%)	0	37.29	0	0	0	62.71	59
Puget Sound Educational Service District (%)	0	47.18	2.05	4.1	1.54	45.13	195
South Bend Early Learning Center (%)	0	37.61	4.59	1.83	0.92	55.05	109
All (%)	0.32	34.54	1.68	3.04	1.2	59.21	1,248

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

Agency	Number of children under 18						N
	0	1	2	3	4	5 or more	
Central Valley School District (%)	0	20.27	42.79	19.37	10.81	6.76	222
Centralia College (%)	1.56	15.62	34.38	29.69	14.06	4.69	64
Community Child Care Center (%)	0	21.71	34.11	27.91	7.75	8.53	129
Educational Service District 112 / ECEAP (%)	0.28	17.04	37.99	29.61	10.61	4.47	358
Lower Columbia College ECEAP/HStart (%)	0	13.33	31.11	35.56	6.67	13.33	45
NEWESD 101 (%)	0	17.91	23.88	37.31	7.46	13.43	67
Olympic Community Action Programs (%)	0	13.56	38.98	16.95	22.03	8.47	59
Puget Sound Educational Service District (%)	1.03	22.05	34.87	20	11.79	10.26	195
South Bend Early Learning Center (%)	0	16.51	30.28	30.28	10.09	12.84	109
All (%)	0.32	18.51	36.14	26.2	10.9	7.93	1,248

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

Indicator	Central Valley School District	Centralia College	Community Child Care Center	Educational Service District 112 / ECEAP	Lower Columbia College ECEAP/Head Start
Access To Transportation	96.8	96.9	93.0	95.8	100.0
Adult Education	65.1	71.9	81.3	52.9	84.4
Basic Household Needs	88.7	92.2	96.1	89.7	95.6
Budgeting	84.7	95.3	89.9	71.8	73.3
Community Resources Knowledge	82.9	76.6	91.5	72.1	93.3
Conflict Resolution Skills	91.0	96.9	96.1	96.6	97.8
Cultural Respect	95.9	100.0	96.9	96.6	97.8
Developing Parenting Skills	92.3	85.7	87.6	79.4	91.1
Emotional Wellbeing	89.1	95.3	91.5	92.1	93.3
Employment Status	83.1	84.6	80.4	73.2	92.3
Financial Management	72.7	93.8	93.0	65.9	68.9
Healthy Lifestyle	89.2	95.3	94.6	78.5	75.6
Income Stability	76.1	82.8	88.4	61.7	77.8
Knowledge of Child Development	93.2	81.0	87.6	75.4	95.6
Legal Issues	86.0	79.4	95.3	88.5	86.7
Managing Parenting Stress	95.0	98.4	96.1	92.5	97.8
Parent Involvement	31.1	63.5	17.8	21.2	40.0
Quality Time	96.4	95.2	95.3	90.4	97.8
Setting Goals	81.1	85.9	88.4	76.0	86.7
Stability Home Shelter	85.1	96.8	94.6	90.4	88.9
Support System	89.5	98.4	96.9	87.3	93.3
N	222	64	129	358	45

⁴ For simplicity, the number of cases reported at the bottom of the table refer to all clients in the agency that received a first assessment. The N in the table and the N used to calculate the percentages may differ for indicators that were used for only some and not all of the families.

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

Indicator	NEWESD 101	Olympic Community Action Programs	Puget Sound Educational Service District	South Bend Early Learning Center	All
Access To Transportation	98.5	91.5	93.3	94.5	95.3
Adult Education	79.4	48.3	65.6	64.4	64.8
Basic Household Needs	97.0	88.1	89.7	90.8	90.9
Budgeting	89.6	79.7	74.9	87.2	80.4
Community Resources Knowledge	95.5	96.6	82.1	94.5	83.0
Conflict Resolution Skills	95.5	91.5	93.8	98.2	95.0
Cultural Respect	100.0	96.6	96.9	99.1	97.2
Developing Parenting Skills	98.5	88.1	90.3	81.7	86.6
Emotional Wellbeing	94.0	89.8	91.8	94.5	91.9
Employment Status	92.7	52.6	72.3	74.4	77.0
Financial Management	79.1	71.2	74.9	92.7	76.2
Healthy Lifestyle	95.5	72.9	84.6	76.1	84.2
Income Stability	85.1	71.2	75.4	72.5	73.5
Knowledge of Child Development	94.0	84.7	86.7	76.1	84.1
Legal Issues	94.0	91.5	87.2	91.7	88.8
Managing Parenting Stress	95.5	89.8	92.3	94.5	94.0
Parent Involvement	38.8	66.1	48.7	69.7	37.0
Quality Time	94.0	98.3	93.8	78.9	92.6
Setting Goals	95.5	71.2	88.2	71.6	81.4
Stability Home Shelter	94.0	94.9	87.7	90.8	90.2
Support System	98.5	81.4	94.4	86.2	90.8
N	67	59	195	109	1,248

Table 6: Percentage of clients at Stable or Self-Sufficient status by assessment and agency (1 of 3)⁵

Indicator	Central Valley School District		Centralia College		Community Child Care Center	
	1st	2nd	1st	2nd	1st	2 nd
Access To Transportation	96.5	99.3	96.3	98.1	92.0	95.4
Adult Education	68.3	76.2	70.4	74.3	78.3	82.5
Basic Household Needs	89.6	96.5	94.4	96.3	97.7	98.9
Budgeting	85.4	90.8	96.3	96.3	87.4	92.0
Community Resources Knowledge	82.6	88.1	75.9	94.4	90.8	98.9
Conflict Resolution Skills	90.3	93.0	98.1	96.3	94.3	96.6
Cultural Respect	96.5	98.6	100.0	98.1	97.7	97.7
Developing Parenting Skills	92.4	95.8	83.3	87.0	85.1	90.8
Emotional Wellbeing	87.5	94.4	94.4	96.3	92.0	96.6
Employment Status	87.2	89.8	84.8	80.0	77.6	83.1
Financial Management	73.6	86.6	96.3	98.1	89.7	93.1
Healthy Lifestyle	90.3	95.1	96.3	94.4	95.4	96.6
Income Stability	78.5	88.0	85.2	94.4	89.7	90.8
Knowledge of Child Development	95.8	96.5	81.5	81.5	93.1	94.3
Legal Issues	86.1	90.1	75.9	77.8	94.3	98.9
Managing Parenting Stress	94.4	96.5	98.1	94.4	97.7	96.6
Parent Involvement	33.3	45.1	64.8	83.3	19.5	55.2
Quality Time	95.8	95.8	94.4	90.7	95.4	95.4
Setting Goals	81.3	90.1	88.9	90.7	87.4	95.4
Stability Home Shelter	88.2	92.3	96.3	94.4	93.1	95.4
Support System	91.0	95.1	98.1	100.0	96.6	96.6
N	144		54		87	

⁵ For simplicity, the number of cases reported at the bottom of the table refer to all clients in the agency that received a second assessment. The N in the table and the actual N used to calculate the percentages may differ for indicators that were used with only some and not all of the families.

Table 6: Percentage of clients at Stable or Self-Sufficient status by assessment and agency (2 of 3)

Indicator	Educational Service District 112 / ECEAP		Lower Columbia College ECEAP/Head Start		NEWESD 101	
	1st	2nd	1st	2nd	1st	2 nd
Access To Transportation	97.1	97.1	100.0	100.0	100.0	100.0
Adult Education	52.9	58.6	88.9	95.2	79.3	86.2
Basic Household Needs	90.4	94.0	100.0	100.0	98.4	100.0
Budgeting	71.2	77.9	74.1	85.2	88.5	100.0
Community Resources Knowledge	72.3	89.1	96.3	92.6	95.1	100.0
Conflict Resolution Skills	97.5	94.6	96.3	100.0	96.7	95.1
Cultural Respect	96.1	97.5	100.0	100.0	100.0	100.0
Developing Parenting Skills	78.8	88.8	96.3	92.6	98.4	96.7
Emotional Wellbeing	92.4	91.3	100.0	100.0	95.1	98.4
Employment Status	71.0	80.0	95.7	95.5	92.3	95.3
Financial Management	65.1	74.0	66.7	85.2	80.3	85.2
Healthy Lifestyle	78.6	82.2	77.8	92.6	95.1	95.1
Income Stability	61.9	68.3	88.9	96.3	85.2	93.4
Knowledge of Child Development	74.4	82.6	100.0	92.6	93.4	100.0
Legal Issues	87.9	87.2	96.3	100.0	95.1	95.1
Managing Parenting Stress	92.5	94.0	100.0	100.0	95.1	100.0
Parent Involvement	19.9	35.9	33.3	44.4	39.3	82.0
Quality Time	90.3	89.1	100.0	100.0	93.4	96.7
Setting Goals	77.6	84.7	92.6	96.3	95.1	98.4
Stability Home Shelter	89.6	89.9	85.2	96.3	93.4	98.4
Support System	87.4	88.0	92.6	100.0	98.4	100.0
N	281		27		61	

Table 6: Percentage of clients at Stable or Self-Sufficient status by assessment and agency (2 of 3)

Indicator	Olympic Community Action Programs		Puget Sound Educational Service District		South Bend Early Learning Center	
	1st	2nd	1st	2nd	1st	2 nd
Access To Transportation	90.9	85.5	90.9	94.8	94.0	92.0
Adult Education	48.1	78.9	63.6	65.9	62.5	62.3
Basic Household Needs	89.1	87.3	87.0	97.4	91.0	98.0
Budgeting	80.0	83.6	80.5	89.6	87.0	98.0
Community Resources Knowledge	98.2	89.1	83.1	89.6	95.0	97.0
Conflict Resolution Skills	90.9	94.5	92.2	89.6	98.0	98.0
Cultural Respect	96.4	96.4	97.4	94.8	99.0	99.0
Developing Parenting Skills	89.1	87.3	93.5	90.9	81.0	85.0
Emotional Wellbeing	90.9	90.9	90.9	92.2	95.0	97.0
Employment Status	50.9	90.2	65.8	78.9	75.6	89.6
Financial Management	72.7	83.6	83.1	87.0	92.0	94.0
Healthy Lifestyle	72.7	78.2	88.3	89.6	76.0	71.0
Income Stability	70.9	85.5	72.7	85.7	72.0	82.0
Knowledge of Child Development	85.5	78.2	87.0	87.0	76.0	78.0
Legal Issues	94.5	63.6	84.4	89.6	93.0	97.0
Managing Parenting Stress	90.9	94.5	93.5	96.1	95.0	97.0
Parent Involvement	67.3	56.4	45.5	54.5	69.0	68.0
Quality Time	98.2	98.2	90.9	96.1	78.0	80.0
Setting Goals	70.9	74.5	89.6	93.5	71.0	75.0
Stability Home Shelter	94.5	98.2	84.4	94.8	91.0	96.0
Support System	81.8	94.5	93.5	93.5	85.0	88.0
N	55		77		100	