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Colorado Department of Public Health and Environment  
4300 Cherry Creek Drive South, PSD-A4  
Denver, CO 80246

September 7, 2007

Dear Ms. Ybarra,

Enclosed you will find the 2006 Annual Report for the Colorado state-wide implementation of Nurse-Family Partnership prepared for you by the National Service Office of the Nurse-Family Partnership program.

The National Service Office is a nonprofit organization committed to producing enduring improvements in the health and well being of low-income, first-time parents and their children by helping communities implement and sustain an evidence-based, nurse home visiting program. As stewards of this rigorously-tested and proven program model, the National Service Office provides program development support, including federal policy, program finance and marketing support, education in nursing excellence with the program model, and ongoing program and operational support to ensure fidelity to the program model. In Colorado, we are fortunate to partner with Invest in Kids, who facilitate new and existing program implementations, and provide clinical consultation.

We are currently in a growth mode to expand the program and bring it to an increasing number of families. We believe the program's strong foundation of compelling evidence and our demonstrated ability to replicate the program successfully, as well as increased support from both federal and state governments, will allow us to systematically expand the availability of the program, with the ultimate goal of serving every eligible family in this country.

In order to achieve this goal, it's imperative that we have a highly dedicated and energized force of nurse home visitors and nurse supervisors in the field, as they truly are the heart and soul of this proven intervention. The dedication and vast amount of experience each of them brings to their very first education session in Denver is apparent. We strive to cultivate, motivate and inspire them to succeed. As such, we have recently restructured and enhanced our Nursing Practice Department and Core Education Sessions and placed an increased emphasis on building and sustaining clinical excellence and retention of our nurses.



With this growth and a strong professional cadre of nurse home visitors, we must ensure program quality to solidify positive and enduring client outcomes across the country. We work closely with local programs, and our partners within states, to ensure quality program implementation, fidelity to the program model and ongoing improvement through regular consultation with agencies and evaluation services. One example of our continued work in this area is the focus on defining key Model Elements and parameters for those elements that Nurse-Family Partnership implementing agencies must achieve.

The Nurse-Family Partnership National Service Office is committed to continued quality growth to bring the Nurse-Family Partnership program to an increasing number of families. We acknowledge and thank you for your ongoing support, the return for which will be realized in that we, as a nation will have healthier children, less child abuse and neglect, and a reduced demand for social services as children mature; and as young mothers, who often are still children themselves, move forward with new and ambitious education and career objectives.

Sincerely,

A handwritten signature in black ink, reading "Thomas R. Jenkins, Jr.", with a vertical red line to its right.

Thomas R. Jenkins, Jr.  
President & CEO



# **State of Colorado Nurse-Family Partnership**

## **Evaluation Report 7**

### **Program Initiation (January 2, 2000) through June 30, 2007**

September 7, 2007

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## EXECUTIVE SUMMARY

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This is the seventh evaluation report for the Colorado NFP), based on the intervention model developed and tested by Dr. David Olds and colleagues (see Appendix A). Eighteen agencies coordinate the implementation of this program in 52 counties in Colorado. This report presents analysis of data available from program initiation January 2, 2000 through June 30, 2007, and covers the pregnancy, infancy, and toddler phases of the program.

Throughout the report, indicators of program implementation, maternal and child health and functioning for Colorado NFP families are compared to the national sample of Nurse-Family Partnership clients. Additionally, demographics and infant outcomes are shown from PRAMS and Colorado data for non-NFP Colorado mothers when data comparable to NFP data were available. (See Appendix C for a description of PRAMS).

Please be aware that the national NFP data represented in this report are through June 2007, including Oklahoma State data collected through September 2006.

### COLORADO PERFORMANCE AGAINST NFP NATIONAL AVERAGES

Colorado NFP performs well against the national averages in the following areas of program implementation and program outcomes, including:

- clients entering the program by 16 weeks of pregnancy;
- program dosage for completers of each program phase;
- content of home visits closely match program guidelines;
- clients who initiate breastfeeding, as well as those who are still breastfeeding at infant age 6 months and 12 months.

Colorado NFP has achieved statistically significant reductions in:

- smoking during pregnancy,
- marijuana use during pregnancy,
- alcohol use during pregnancy,
- experience of violence during pregnancy.

Colorado NFP doesn't perform as well as the national NFP averages in the following areas:

- Clients entering the program by the end of 28 weeks gestation;
- Retention of clients during infancy and toddler program phases

Details about each of these areas of performance can be found below, and in the body of this report. The Colorado partners responsible for administering the NFP program continually monitor progress toward the national averages and objectives, both at the site and state level. Colorado NFP employs a continuous quality improvement and technical assistance loop to improve performance where needed. A diagram outlining the partners and their respective roles and responsibilities with regard to program implementation is included as Appendix D.

### CHARACTERISTICS OF COLORADO NFP CLIENTS

- 7861 women ever enrolled as of June 30, 2007: median age 19; 46% completed high school/GED; median education 10 years for non-high school graduates; 81% unmarried; 64% unemployed; 72% Medicaid recipients
- Race/Ethnicity: 41% Non-Hispanic White; 47% Hispanic; 3% African American / Black; 5% Multiracial / other; 2% Native American; 1% Asian

## PROGRAM IMPLEMENTATION

- For Colorado NFP, 45% of clients entered the program by 16 weeks of pregnancy, a rate higher than the national NFP average of 42%. A total of 87% of Colorado NFP clients were enrolled by the end of the 28 weeks gestation, compared to 92% of NFP clients nationwide. Colorado Statute and Rules allow NFP programs to enroll women up to the end of the first month of the baby's life. This feature of the Colorado program impacts NFP sites ability to achieve the NFP objective of enrolling 100% of clients prior to the end of the 28<sup>th</sup> week of gestation (see Appendix B for a description of Nurse-Family Partnership Objectives). Early enrollment allows nurse home visitors more time to work with clients on health-related behaviors known to improve pregnancy outcomes and to build relationships with clients.
- Colorado NFP clients who completed the program phase as active participants received a dose of program exposure of more visits during all program phases, on average, than clients in the national NFP.
  - Number of completed visits:
    - Pregnancy: 9.2 (9.0 national NFP)
    - Infancy: 19.3 (17.3 national NFP)
    - Toddlerhood: 15.4 (12.1 national NFP)
- Colorado NFP has closely matched the program guidelines for content of home visits.
- While many NFP implementing agencies struggle to reach the guideline for percent of time spent on maternal role development during infancy, it is a noted strength that the percent of time Colorado NFP devoted to this domain (45% vs. 39% national NFP vs. 45-50% guideline).
- Retention of clients through all phases of the program has proven challenging, both in Colorado and nationally. Colorado clients are discharged from the program most often because they moved out of the program service area, a factor over which programs have little control. Total attrition rates during each phase of the program, with the percentage of instances in which attrition is due to client's mobility:
  - Pregnancy: 13.8% (15.3% national NFP); 4.5% due to client mobility (2.9% national NFP)
  - Infancy: 31.1% (30.5% national NFP); 12.2% due to client mobility (6.9% national NFP)
  - Toddlerhood: 15.4% (15.2% national NFP) ; 5.9% due to client mobility (3% national NFP)

## PROGRAM OUTCOMES

- A statistically significant 20% reduction in smoking during pregnancy (16% national NFP average)
  - A statistically significant reduction of 3.4 in the number of cigarettes smoked per day for those who continued to smoke (2.5 national NFP average)
- A statistically significant 65% reduction in marijuana use during pregnancy
- A statistically significant 26% reduction in alcohol use during pregnancy
- A statistically significant 43% reduction in experience of violence during pregnancy
- 9.1% premature birth rate (9.8% national NFP average); rates for predominant ethnic groups were: 8.3% for Hispanics (8.6% for the national NFP); 9.1% for Non-Hispanic Whites (9.4% for the national NFP)
- 9.3% low birth weight rate (9.1% national NFP average); rates for predominant ethnic groups were: 8.8% for Hispanics (8.1% for the national NFP); 8.9% for Non-Hispanic Whites (7.9% for the national NFP)

- 
- The largest proportion of toddlers (26%) scored between the 26th and 50th percentiles for language development; 9% scored below the 10<sup>th</sup> percentile, compared to 10% of NFP toddlers nationwide. Scoring below the 10<sup>th</sup> percentile may indicate a delay in language skills.
  - At 12 months of infant age, 82% of infants were fully immunized (84% for national NFP). By 24 months of child's age, 92% were fully immunized (93% for national NFP). Because of a revision in the immunization data collection questions, only data collected since October 1, 2006 is included in the immunization rates.
  - 86% of clients initiated breastfeeding (national NFP average: 71%); 35% of clients were breastfeeding at 6 months (28% national NFP average); 19% of clients were breastfeeding at 12 months of infancy (15% national NFP average)
  - At 12 months postpartum, 12% of clients reported a subsequent pregnancy (13% national NFP average). 32% of clients reported subsequent pregnancies within 24 months of the birth of their child (32% national NFP average).
  - Of those who entered the program without a high school diploma or GED, 41% completed their diploma/GED by program completion (41% for national NFP) and 13% were continuing their education beyond high school (14% for national NFP); an additional 18% were still working toward their diploma/GED (23% for national NFP).
  - 60% of Colorado NFP clients 18 years or older at intake (vs. 57% for the national NFP sample) and 47% of those 17 years or younger (vs. 44% for the national NFP sample) were working at program completion
  - Clients worked an average of 6.5 months during the first postpartum year (6.5 national NFP average), and 8.2 months during the second postpartum year (8 months national NFP average)
  - The percentage of clients who were married increased from 21% at intake to 37% at program completion.

**PART I:  
INTRODUCTION**

## DESCRIPTIONS OF COLORADO AGENCIES IMPLEMENTING THE NFP

Table 1 presents information on the agencies implementing the NFP program in Colorado including program start dates, and counties served.

*Table 1. Description of Colorado Agencies Implementing the NFP*

<b>Implementing Agency</b>	<b>Start Date of NFP</b>	<b>Counties Served by NFP</b>	<b>2006-2007 Target Enrollment</b>
Boulder County Health Department	September 2002	Boulder	100
Denver Health and Hospital Authority: Best Babies	January 2000	Denver	100
El Paso County Department of Health and Environment	February 2001	El Paso	200
Family Visitor Program	February 2003	Eagle, Garfield, Pitkin	100
Jefferson County Department of Health and Environment	August 2000	Jefferson, Broomfield	175
Larimer County Department of Health and Environment	November 2000	Larimer	200
Mesa County Health Department	September 2000	Mesa	150
Montrose County Health and Human Services	May 2001	Delta, Gunnison, Hinsdale, Montrose, Ouray, San Miguel	75
Northeast Colorado Health Department	August 2002	Logan, Morgan, Phillips, Sedgwick, Washington, Yuma	50
Northwest Colorado Visiting Nurse Association	January 2001	Jackson, Moffat, Rio Blanco, Routt	50
Prowers County Public Health Nursing Service	August 2001	Baca, Bent, Kiowa, Prowers	50
Pueblo Community Health Center	March 2001	Pueblo, Huerfano	125
San Juan Basin Health Department	February 2000	Archuleta, Dolores, La Plata, Montezuma, San Juan	108
St Anthony Central Hospital (Catholic Health Initiatives Colorado Foundation)	October 2005	Denver, Adams, Jefferson	100
Summit County Public Health Nursing	April 2001	Clear Creek, Gilpin, Lake, Summit, Park	125
Tri County Health Department	January 2000	Adams, Arapahoe, Douglas	200
Valley-Wide Health Services, Inc.	December 2001	Alamosa, Conejos, Costilla, Mineral, Rio Grande, Saguache	125
Weld County Department of Public Health and Environment	May 2001	Weld	150
<b>Total Targeted Enrollment</b>			<b>2158</b>

## CHARACTERISTICS OF NFP STAFF

Data on the background characteristics of the nurse home visitors and supervisors for the NFP in Colorado were available for 121 staff members, including 19 supervisors and 102 home visitors. Education, nursing experience and demographic information are presented in Table 2.

*Table 2. Characteristics of Colorado NFP Staff*

	Supervisors (N=19)	Nurse Home Visitors (N=102)
Average number of years in nursing	22	16
% with maternal/child health experience	100%	88%
% with public or community health	89%	80%
Average number of years of supervisory experience	6	
<b>Race/Ethnicity</b>		
Non-Hispanic White	100%	83%
Hispanic	0%	8%
African-American/Black	0%	2%
Asian/Pacific Islander	0%	1%
Other	0%	6%
<b>Highest Nursing Degree</b>		
Associates Degree	5%	9%
Diploma	0%	3%
Bachelors of Science	53%	70%
Masters of Science	11%	4%
Nursing Doctorate	5%	0%

**PART II:  
COLORADO STATE NFP PROGRAM**



## REFERRALS TO THE COLORADO NFP

Table 3 provides information on the referrals to Colorado NFP entered into the Clinical Information System as of June 30, 2007. Of particular importance is the percentage of eligible referrals enrolled in the program.

Table 3. Referrals through June 30, 2007

	Colorado NFP	National NFP
Eligible Referrals	16,636	90,674
Referrals not meeting program criteria	3,238	14,598
Referrals unable to locate	3,474	11,807
Referrals disposition unknown	1,123	27,691
<b>Total Number of Referrals</b>	<b>24,471</b>	<b>144,770</b>
Eligible referrals not enrolled due to full caseloads	5,136/16,636 (31%)	11,898/90,674 (13%)
Eligible referrals for whom program had space	11,500	78,776
Eligible referrals declining enrollment	4,272/11,500 (37%)	20,536/78,776 (26%)
<b>Eligible referrals enrolled</b>	<b>7,228/11,500 (63%)</b>	<b>58,240/78,776 (74%)</b>

The number of referrals enrolled in the program, as indicated in this table, may not match the enrollment number reported in the remainder of this report. The enrollment number reported in the remainder of the report refers to the number of clients who received at least one completed home visit. Some potential reasons a discrepancy between these two numbers may occur include: a) referral information is missing for some enrolled clients; b) some referral or home visit data have not yet been entered into Clinical Information System; or c) the Program Referrals and Disposition form was added to the data collection system after a implementing agency's program was initiated.

Table 4 presents information on the sources of referrals to Colorado NFP.

Table 4. Referral Source\*

Referral Source	Colorado NFP		National NFP	
	All Referrals	Referrals Enrolled in NFP	All Referrals	Referrals Enrolled in NFP
WIC	38.8%(1397)	17.9%(122)	18.2%(2591)	13.8%(550)
Pregnancy Testing Clinic	7.7%(277)	11.3%(77)	13.9%(1985)	8.3%(330)
Health Care Provider/Clinic	22.7%(819)	32.4%(220)	34.4%(4900)	38%(1516)
School	1.7%(60)	4.9%(33)	4.5%(641)	8.8%(351)
Current Client	1.3%(47)	3.7%(25)	2.1%(295)	4.5%(181)
Other home visiting program	2.8%(100)	5%(34)	5.5%(786)	2.9%(114)
Medicaid	12.8%(460)	5.7%(39)	3.9%(552)	1.7%(68)
Other (including other human service agency)	12.3%(442)	19.1%(130)	12.1%(1725)	14.7%(588)

\*Data collection on Referral Source began October 1, 2006.

**CASELOAD ACCRUAL**

Table 5 shows the number of clients enrolled in Colorado NFP each year and their participation status as of June 30, 2007.

*Table 5. Client Status by Year of Enrollment*

<b>Enrollment Year</b>	<b>Total Enrolled</b>	<b>Currently Active</b>	<b>Dropped from the Program</b>	<b>Graduated</b>
2000	316	0% (0)	68% (216)	31% (99)
2001	981	0% (0)	66% (650)	34% (330)
2002	999	0% (0)	64% (635)	36% (363)
2003	995	0% (0)	64% (632)	36% (362)
2004	1123	2% (18)	65% (730)	33% (375)
2005	1460	36% (525)	57% (835)	7% (100)
2006	1328	59% (785)	40% (536)	1% (7)
2007	659	90% (594)	10% (65)	0% (0)
<b>Total</b>	<b>7861</b>	<b>25% (1926)</b>	<b>55% (4299)</b>	<b>21% (1636)</b>

*\*Clients enrolled in later years have not been in the program long enough to have the opportunity to graduate.*

**CLIENT CHARACTERISTICS AT INTAKE**

Demographic information gathered for evaluative purposes includes a variety of characteristics about participants, other family members, and their households. This information is provided by the participant who may or may not know all of the information being requested, particularly if the participant is a young teen.

Table 6. Characteristics of Clients at Program Intake

	Colorado NFP	National NFP	Colorado PRAMS sample (2001-2005)**
<b>Number Enrolled</b>	7861	70746	
<b>Demographic Characteristics</b>			
First-time mothers	99%	98%	100%
Unmarried	81%	81%	60%
Maternal age (median years)	19	19	
<b>Percent in each age category</b>			
Less than 15	3%	3%	
15-19			38%
15-17	27%	29%	
18-19	26%	28%	
20-24	31%	30%	39%
25-29	9%	7%	
30+	5%	3%	
<b>Race/Ethnicity</b>			
Non-Hispanic White	41%	47%	46%
Hispanic	47%	22%	44%
African American/Black	3%	20%	6%
Multiracial / other	5%	5%	1%
Native American	2%	5%	
Asian	1%	1%	3%
<b>Primary Language*</b>			
English	75%	84%	
Spanish	23%	14%	

\*Data collection on Primary Language began on October 1, 2006, so the percentages are based only on clients enrolled after October 1, 2006.

\*\*See Appendix C for a description of PRAMS

Table 7. Client Education at Program Intake

	Colorado NFP			National NFP		
	17 years or younger	17 years or older	Overall	17 years or younger	17 years or older	Overall
Number of Clients	2183	5052	7235	14754	26016	40770
<b>Completed high school or GED</b>	4%	64%	46%	4%	64%	42%
High school diploma	4%	63%	-	4%	63%	-
GED*	0%	1%	-	0%	1%	-
<b>Median number of years education**</b>	<b>9</b>	<b>10</b>	<b>10</b>	<b>9</b>	<b>10</b>	<b>10</b>

\*Data collection for this item began October 1, 2006

\*\*Includes only clients who have not completed high school and do not have a GED

Table 8. Client Economic Factors at Program Intake

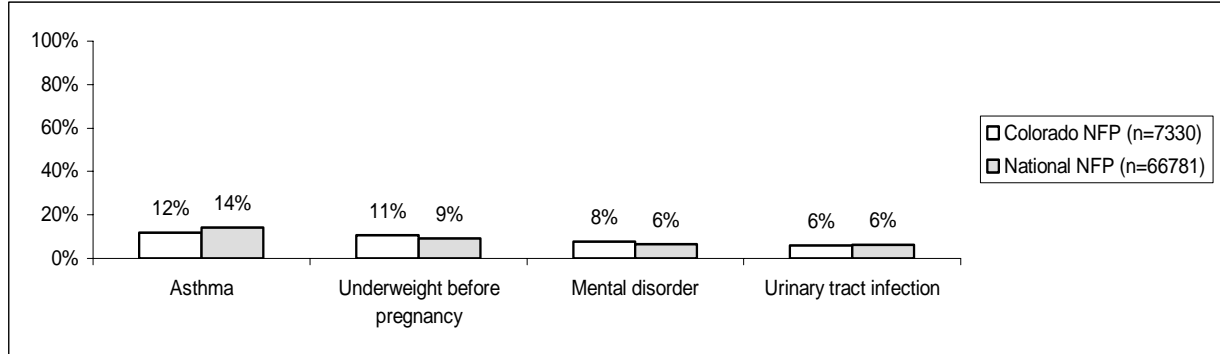
	Colorado NFP	National NFP	Colorado PRAMS sample (2001- 2005)
Annual household income (median)	\$13,500	\$13,500	
Number in household (median)	3	3	
Unemployed	64%	65%	
<b>Use of Government Assistance</b>			
WIC	69%	75%	62%
Medicaid	72%	70%	62%
Food Stamps	12%	18%	
TANF	3%	6%	
Health care coverage other than Medicaid*	18%	20%	
<b>Ever worked</b>			
17 years and younger	5%	5%	
18 years and older	31%	30%	
Stopped working because pregnant	35%	31%	
<b>For those working at intake</b>			
17 and younger working full-time	3%	3%	
18 and older working full-time	40%	43%	
Hourly wage (median)	\$8	\$8	

\*Data collection for health care coverage other than Medicaid began on October 1, 2006.

**MATERNAL HEALTH CHARACTERISTICS**

The client’s general health is an important component of a healthy pregnancy and is assessed by nurse home visitors at entry into the program. The distribution of the predominant maternal health problems and the percentage of clients underweight before pregnancy are noted in Figure 1.

Figure 1. Predominant General Maternal Health Problems Reported at Program Entry



Maternal mental health is assessed at program intake. Scores range from 1 to 4, with higher scores indicating better mental health. Additionally, the client’s general psychological ability to cope with life stressors is measured using the Sense of Mastery Scale. Scores range from 1 to 4, with higher scores indicating a stronger sense of mastery over life challenges. Averages of these scores are presented in Table 9 , along with the average scores for NFP clients nationwide.

Table 9 . Maternal Mental Health at program entry

	Colorado NFP	National NFP
<b>Mental health score</b>		
Median	3.8	3.8
Percent scoring 3 or higher	89%	87%
<b>Mastery score</b>		
Median	3.1	3.0
Percent scoring 3 or higher	68%	67%

**HOUSEHOLD INFORMATION**

Information on household composition or the living situation of clients is shown in Table 10.

*Table 10. Client Household Composition*

	<b>Colorado NFP</b>	<b>National NFP</b>
<b>Household Composition</b>		
Lives alone	5%	6%
Lives with husband/partner	43%	37%
Lives with mother	36%	41%
Lives with others	16%	16%
Lives in group home/shelter*	0%	0%
Confined to institutional facility (residential treatment facility/incarcerated)*	0%	0%
Homeless*	0%	0%

*\*These options for living arrangements were added in October 2006; percentages for these items will therefore appear lower than percentages for other items*

**FATHERHOOD INFORMATION**

Clients are asked at intake to report whether their husband/current boyfriend is the baby’s biological father, how much money the biological father provides during the average month, and how frequently they see the biological father. This information is presented in Table 11.

*Table 11. Role of Biological Father at Intake*

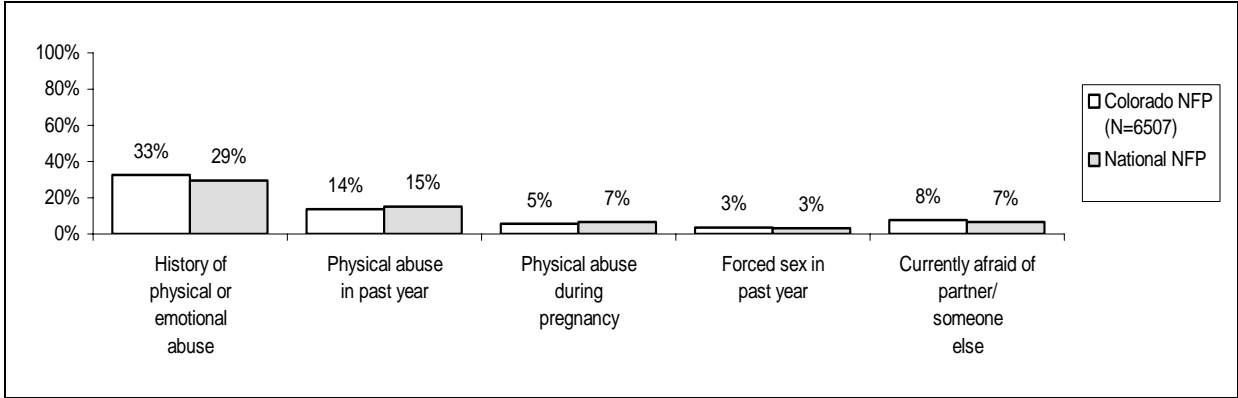
	<b>Colorado NFP</b>	<b>National NFP</b>
Current partner is biological father (n=5722)	95%	92%
Average money from biological father per month (n=6951)	\$341	\$256
<b>Contact with biological father (n=7124)</b>		
Not at All	13%	12%
Less than once a week	7%	7%
At least once a week	9%	10%
Daily	70%	71%

*Sample sizes presented are for Colorado NFP*

### MATERNAL EXPERIENCE OF ABUSE

Nurse home visitors assess at intake the extent to which clients have experienced violence (i.e. physical, emotional, and/or sexual abuse) at various times in their lives. This information is presented in Figure 2. It should be noted that data are based on self-reported information which may not be divulged until the nurse / client relationship has developed and is more trusting. This should be taken into consideration when interpreting this data.

Figure 2. History of Violence



## PROGRAM IMPLEMENTATION

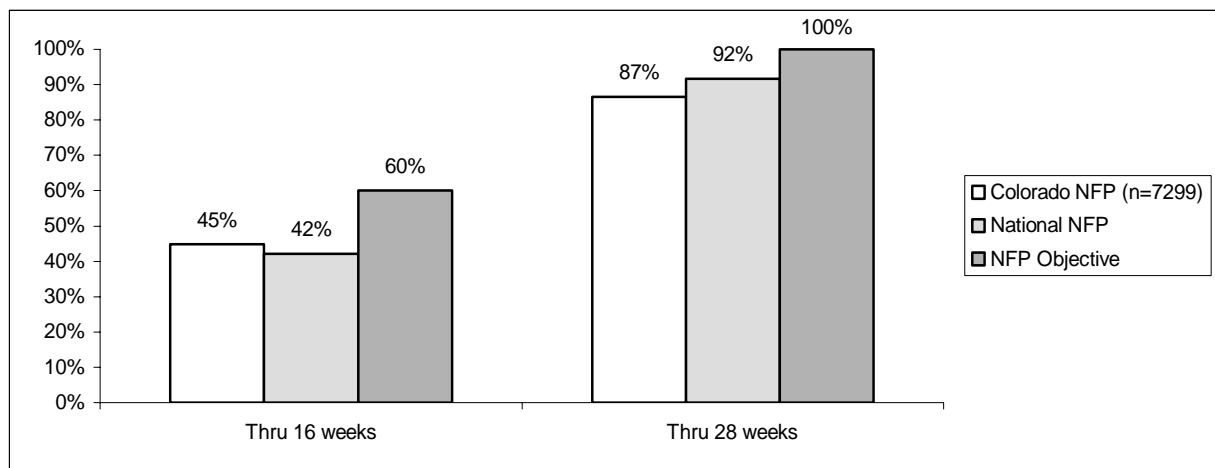
A critical feature of this evaluation has to do with whether the program is being conducted with fidelity to the model on which it is based. The analysis of fidelity is considered from the following standpoints:

- how many weeks pregnant the client is when she enters the program
- the quantity of the program received by clients (frequency and duration of visits)
- the content of visitation (i.e., the amount of time nurses spend on the different content domains as instructed in program guidelines)
- the percentage of families who leaves the program early for various reasons

### GESTATIONAL AGE AT PROGRAM ENTRY

Figure 3 presents information on when Colorado NFP clients entered the program with respect to gestational age and compares it to the national sample of NFP clients and NFP Objectives. Program implementing agencies are encouraged to strive towards the NFP Objective of having 60% of clients enrolled by the 16<sup>th</sup> week of pregnancy and the remainder enrolled by the end of the 28<sup>th</sup> week of pregnancy. Early enrollment allows nurse home visitors more time to work with clients on health-related behaviors known to improve pregnancy outcomes and to build relationships with clients.

Figure 3. Gestational Age at Enrollment



### NUMBER AND DURATION OF COMPLETED NURSE HOME VISITS

The tables below provide the number and duration of home visits by program phase. The average number of completed visits per client, the overall percentage of expected visits completed, and the average visit length include all clients who have (or should have according to their expected date of delivery) completed the respective phase of the program. That is, these calculations include those who completed the phase and those who left prior to completing the phase of the program.

The NFP Objective for percentage of expected visits completed is the long range benchmark against which implementing agencies should compare their performance. Information is also presented for those participants who actually did complete the program phase. National NFP data and NFP Objectives are provided for comparison purposes.



Table 12. Number and Duration of Completed Nurse Home Visits during Pregnancy phase

	Colorado NFP		National NFP		NFP
	Number	Average	Number	Average	Objective
<b>Pregnancy</b>					
All clients*	7135	-	63886	-	-
Completed Visits	60897	8.5	526814	8.2	-
Expected Visits	81412	-	771182	-	-
Percentage of Expected Visits Completed	-	80%	-	74%	80%
Attempted Visits <sup>†</sup>	6954	1.0	67258	1.1	-
Average Visit Length (minutes)	-	73.0	-	74.6	60
Average Total Contact Time (minutes)	-	624	-	612	-
Clients who completed pregnancy**	6150	-	54083	-	-
Completed Visits	56704	9.2	486393	9.0	-
Expected Visits	68311	-	640416	-	-
Percentage of Expected Visits Completed	-	87%	-	81%	-

\*These numbers include all those who have or should have completed the program phase by the end of the evaluation report period.

<sup>†</sup>An attempted visit is one in which the nurse tried to make a visit, but for some reason was unable to conduct the visit (e.g., client was not home when nurse arrived, or client refused visit when nurse arrived). If a family calls to cancel a scheduled visit, this is not considered an attempted visit.

\*\*Includes only participants who, as active program participants, did complete that program phase

Table 13. Number and Duration of Completed Nurse Home Visits during Infancy phase

	Colorado NFP		National NFP		NFP
	Number	Average	Number	Average	Objective
<b>Infancy</b>					
All clients*	5882	-	54668	-	-
Completed Visits	74491	12.7	610259	11.2	-
Expected Visits	166551	-	1543198	-	-
Percentage of Expected Visits Completed	-	45%	-	40%	65%
Attempted Visits <sup>†</sup>	11507	2.0	103384	1.9	-
Average Visit Length (minutes)	-	70.3	-	72.3	60
Average Total Contact Time (minutes)	-	901	-	808	-
Clients who completed infancy**	3225	-	29480	-	-
Completed Visits	62281	19.3	509713	17.3	-
Expected Visits	93521	-	849647	-	-
Percentage of Expected Visits Completed	-	67%	-	60%	-

\*These numbers include all those who have or should have completed the program phase by the end of the evaluation report period.

<sup>†</sup>An attempted visit is one in which the nurse tried to make a visit, but for some reason was unable to conduct the visit (e.g., client was not home when nurse arrived, or client refused visit when nurse arrived). If a family calls to cancel a scheduled visit, this is not considered an attempted visit.

\*\*Includes only participants who, as active program participants, did complete that program phase

Table 14. Number and Duration of Completed Nurse Home Visits during Toddler phase

	Colorado NFP		National NFP		NFP Objective
	Number	Average	Number	Average	
<b>Toddlerhood</b>					
All clients*	4453	-	45577	-	-
Completed Visits	29182	6.6	239808	5.3	-
Expected Visits	91034	-	929646	-	-
Percentage of Expected Visits Completed	-	32%	-	26%	60%
Attempted Visits <sup>†</sup>	5337	1.2	46293	1.0	-
Average Visit Length (minutes)	-	70.6	-	70.7	60
Average Total Contact Time (minutes)	-	470	-	376	-
Clients who completed toddlerhood**	1737	-	18051	-	-
Completed Visits	26773	15.4	218391	12.1	-
Expected Visits	36445	-	376137	-	-
Percentage of Expected Visits Completed	-	73%	-	58%	-

\*These numbers include all those who have or should have completed the program phase by the end of the evaluation report period.

<sup>†</sup>An attempted visit is one in which the nurse tried to make a visit, but for some reason was unable to conduct the visit (e.g., client was not home when nurse arrived, or client refused visit when nurse arrived). If a family calls to cancel a scheduled visit, this is not considered an attempted visit.

\*\*Includes only participants who, as active program participants, did complete that program phase

## CHARACTERISTICS OF HOME VISITS

Also of interest are the characteristics of a visit: where it occurred, who was present, and whether an interpreter was used. Table 15 presents this information, looking at the percentage of clients who had at least one visit at each of various locations. Clients may have been visited one time at home and one time at another location, such as school, and would therefore be included in both locations.

Table 15. Characteristics of Home Visits

	Colorado NFP			National NFP		
	Pregnancy	Infancy	Toddlerhood	Pregnancy	Infancy	Toddlerhood
Percent of visits with Interpreter*	4%	3%	2%	2%	2%	1%
<b>Percent of Clients Visited at Various Locations:</b>						
Client's home	89%	78%	46%	93%	79%	47%
Family/friend's home	12%	11%	5%	10%	9%	4%
Doctor/clinic	3%	3%	4%	2%	2%	2%
School	20%	23%	13%	19%	21%	11%
Employment	5%	4%	2%	6%	4%	2%
Other	26%	28%	20%	21%	23%	14%
<b>Average percent of visits involving:</b>						
Client's mother	29%	32%	13%	19%	18%	8%
Husband/partner	40%	40%	20%	21%	21%	10%

\*Data collection on Interpreters began October 1, 2006.

## CONTENT OF HOME VISITS

The content of the home visitation program is based upon the visit-to-visit guidelines that are designed to promote knowledge and skills in the five domains of maternal, child, and family functioning. The proportion of visit time spent on each of these five domains varies depending on the developmental stages and challenges most families encounter during pregnancy, infancy (0 to 12 months), and toddlerhood (13 to 24 months). During the pregnancy phase of the program, the client's health is of primary concern. After the baby is born, the focus shifts to parenting through development of the maternal role while continuing to emphasize and plan for the client's future through time spent on the other domain areas.

The focus of each home visit is agreed upon by the client and nurse home visitor at the preceding visit to allow for individualization related to the client's and family members' needs. The five program content domains are:

- personal health of the client
- environmental health
- client's life-course development
- maternal role
- relationships with friends and family.

Table 16 illustrates the average percentage of time devoted to each of the content domains by phase for Colorado NFP and the national NFP sample, and provides the NFP Objectives.

*Table 16. Average Percentage of Visit Time Spent on Program Domains*

	<b>Colorado NFP</b>	<b>National NFP</b>	<b>NFP Objective</b>
<b>Pregnancy</b>	<b>(N=7,135)</b>	<b>(N=63,886)</b>	
Personal health	37%	37%	35-40%
Environmental health	8%	11%	5-7%
Life-course development	13%	14%	10-15%
Maternal role	27%	24%	23-25%
Friends & family	14%	15%	10-15%
<i>Percent of planned content covered</i>	91%	93%	-
<b>Infancy</b>	<b>(N=5,882)</b>	<b>(N=54,668)</b>	
Personal health	20%	21%	14-20%
Environmental health	9%	12%	7-10%
Life-course development	13%	14%	10-15%
Maternal role	45%	39%	45-50%
Friends & family	13%	14%	10-15%
<i>Percent of planned content covered</i>	89%	91%	-
<b>Toddlerhood</b>	<b>(N=4,453)</b>	<b>(N=45,577)</b>	
Personal health	16%	16%	10-15%
Environmental health	10%	13%	7-10%
Life-course development	17%	17%	18-20%
Maternal role	44%	39%	40-45%
Friends & family	14%	15%	10-15%
<i>Percent of planned content covered</i>	88%	90%	-

*The percentages of time devoted to program domains are averages based on all clients who have or should have completed the respective phase and had at least one reported visit during that phase.*

## TELEPHONE ENCOUNTERS

Nurse home visitors report information on all encounters with clients and families. Although the most frequent encounter is through home visits, there are times when telephone contacts that cover program content occur. Table 17 summarizes this information by phase for both Colorado NFP and NFP clients nationwide.

Table 17. Telephone Contacts with Families

	Colorado NFP			National NFP		
	Pregnancy	Infancy	Toddlerhood	Pregnancy	Infancy	Toddlerhood
Number of participants with phone contacts	1,863	2,018	765	14,206	15,148	5,904
Total number of phone calls	4,017	6,483	2,408	34,690	53,002	19,910
Mean number of calls per client	2	3	3	2	3	3
Range of number of calls per client	(1-18)	(1-45)	(1-56)	(1-78)	(1-159)	(1-58)
Average time per call in minutes	14	13	12	13	14	14
<b>Percentage of calls with</b>						
Client	79%	76%	76%	75%	72%	76%
Husband/partner	5%	5%	5%	3%	4%	5%
Other family member	17%	19%	20%	21%	24%	20%
<b>Time devoted to program domains</b>						
Personal health	50%	26%	22%	53%	27%	22%
Environmental health	6%	6%	8%	7%	8%	10%
Life-course development	14%	15%	22%	14%	17%	24%
Maternal role	15%	39%	32%	16%	40%	34%
Friends & family	13%	12%	15%	10%	11%	13%

*The percentages of time devoted to program domains are averages based on all clients who have or should have completed the respective phase and had at least one reported telephone contact during that phase.*

## REFERRAL SERVICES

Nurse home visitors report on the number and type of referrals made for families in the program. This information is collected whenever a referral is made and is shown in Table 18.

Table 18. Client Referrals to Outside Services\*

	Pregnancy	Infancy		Toddler	
		0-6 months	6-12 months	12-18 months	18-24 months
<b>Government Assistance</b>					
TANF	4%(471)	3%(260)	2.6%(114)	2.4%(80)	2.5%(55)
Medicaid - Client	7.3%(866)	5.8%(499)	6%(259)	5.8%(197)	5.5%(121)
Medicaid - Child	---	2%(170)	2.1%(89)	2.3%(79)	1.8%(39)
Food Stamps	4%(469)	2.9%(251)	2.8%(122)	2.5%(84)	2.7%(60)
Social Security	0.2%(23)	0.6%(48)	0.3%(11)	0.3%(9)	0.2%(4)
Unemployment	0.2%(27)	0.2%(16)	0.2%(8)	0.2%(7)	0.1%(3)
SCHIP**	0%(5)	0%(2)	0.1%(5)	0.1%(5)	0.4%(8)
WIC	12%(1418)	6.8%(587)	4.2%(183)	4.2%(141)	4.1%(89)
<b>Crisis Intervention</b>					
Domestic Violence	0.6%(75)	1%(86)	1.4%(62)	1.7%(59)	1.1%(24)
Child Abuse	---	0.3%(23)	0.3%(12)	0.5%(16)	0.3%(6)
<b>Mental Health Services</b>					
Mental health services	3.1%(372)	4.2%(364)	4.6%(199)	5.6%(191)	4.9%(107)
Smoking cessation	1.5%(177)	0.5%(41)	0.5%(23)	0.7%(24)	0.2%(5)
Alcohol abuse	0.2%(24)	0.2%(16)	0.2%(7)	0.3%(9)	0.2%(5)
Drug abuse	0.2%(28)	0.1%(9)	0.1%(3)	0.2%(6)	0.3%(7)
<b>Health Care Services</b>					
Client	12.1%(1437)	14.3%(1234)	13.9%(600)	13.1%(442)	12.9%(283)
Child	---	12.3%(1062)	11.3%(491)	13.1%(442)	12.6%(277)
<b>Developmental Referral**</b>					
Client**	0.2%(20)	0.6%(54)	0.8%(36)	0.9%(32)	2.1%(47)
Child**	---	0.2%(16)	0.4%(18)	0.7%(23)	1.4%(30)
<b>Education**</b>					
GED/Alternative HS**	1.4%(162)	4%(342)	4.1%(177)	3.6%(121)	4.5%(99)
Education beyond HS**	2.1%(246)	1.9%(168)	3%(129)	3%(100)	2.3%(51)
<b>Other Services</b>					
Child care	7%(824)	4.5%(391)	5.5%(236)	5.6%(188)	4.1%(89)
Job training	1.3%(157)	0.6%(52)	0.8%(34)	0.5%(17)	0.3%(7)
Housing	1.6%(194)	1.2%(102)	1.9%(82)	0.8%(27)	1%(23)
Transportation	9.9%(1178)	0.1%(5)	0.3%(15)	0.4%(13)	0.6%(14)
Injury prevention	1.1%(132)	2.7%(234)	0.2%(10)	0.2%(6)	0.4%(9)
Childbirth education	0.6%(66)	0.8%(69)	1%(44)	0.9%(29)	1%(21)
Lactation services**	0.2%(22)	0.6%(49)	0.5%(20)	0.6%(20)	1.1%(24)
Charitable services**	1%(116)	0.9%(77)	1.2%(54)	1.2%(40)	1.3%(29)
Legal services**	0.2%(24)	0.6%(52)	1.1%(49)	0.7%(24)	0.9%(20)
Other	25.6%(3030)	27.1%(2338)	28.6%(1237)	28.2%(953)	29.1%(638)

\*The numbers (n) represent the number of referrals made to a specific type of service. The percentages represent the distribution of referrals among different services.

\*\* Data Collection began for this October 2006.

Table 19. Client Referrals to Outside Services Overall

	Colorado NFP	National NFP
Percent of clients receiving at least one referral	74.0%	51.1%
Average number of referrals per client	5.3	7.3

## REASONS CLIENTS LEAVE THE PROGRAM

There are many reasons why clients may leave the program prior to their child's second birthday. These reasons and the percent of clients leaving the program are noted in

Table 20, Table 21, and Table 22 below. On October 1, 2006, NFP programs began collecting more detailed data on reasons for attrition, including all the reasons listed below under *Declined Further Participation*. Because data collection for these items began at a later time point, the percentages of clients leaving the program for these reasons will appear smaller when looking at cumulative data. (Those clients who have not received any visits for more than 180 days but have not had a change in client activity status are also considered to have left the program).

For comparison purposes, rates for the national NFP sample by phase are also provided. Retention of clients is a common problem for all prevention programs. All NFP implementing agencies are encouraged to strive for rates of 10% or less during pregnancy, 20% or less during infancy, and 10% or less during the toddler phase. Please see Appendix B for more information on the objectives for attrition.

Table 20. Client Attrition during Pregnancy

	Colorado NFP	National NFP
<b>Pregnancy (n=7135)*</b>		
Miscarriage/fetal death	2.1%(153)	1.9%(1213)
Moved out of service area/transferred to other program	4.5%(324)	2.9%(1884)
Unable to locate	2%(145)	2.4%(1517)
Excessive missed visits	0.8%(54)	2%(1285)
Maternal death	0%(0)	‡(7)
Unable to serve	0.3%(20)	0.2%(134)
Declined participation** (prior to 10/1/2006)	3.6%(256)	4.4%(2823)
<b>Declined further participation for one of the following reasons† (total)</b>		
	0.4%(28)	0.2%(156)
Returned to work	0%(0)	‡(22)
Returned to school	0%(0)	‡(7)
Receiving services from another program	0%(0)	‡(7)
Pressure from family members	0%(0)	‡(16)
Refused new nurse	0%(0)	‡(15)
Dissatisfied with the program	0%(0)	‡(6)
Client received what she needs from program	0%(0)	‡(22)
Client incarcerated/out of home placement	0%(0)	0% (0)
Other	0%(0)	‡(56)
No visits for >180 days	0%(5)	1%(776)
<b>Total attrition during pregnancy</b>	<b>13.8%</b>	<b>15.3%</b>

\*n equals clients who have completed the phase

\*\*This reason contains only data through September 30, 2006

†Data collection began October 1, 2006 for the nine categories under Declined Further Participation

‡Percentage is greater than 0% and less than .1%

Table 21. Client Attrition during Infancy

	Colorado NFP	National NFP
<b>Infancy (n=5882)*</b>		
Infant death	0.2%(14)	0.3%(176)
Moved out of service area/transferred to other program	12.2%(720)	6.9%(3747)
Unable to locate	5.8%(341)	5.8%(3180)
Excessive missed visits	2.8%(165)	4.8%(2651)
Maternal death	0.1%(3)	‡(16)
Unable to serve	0.6%(34)	0.5%(265)
Declined Participation** (prior to 10/1/2006)	8.4%(494)	9.8%(5342)
<b>Declined further participation for one of the following reasons† (total)</b>	<b>0.8%(47)</b>	<b>0.4%(193)</b>
Returned to work	28.9%(17)	‡(49)
Returned to school	1.7%(1)	‡(16)
Receiving services from another program	0%(0)	‡(3)
Pressure from family members	0%(0)	‡(4)
Refused new nurse	15.3%(9)	‡(51)
Dissatisfied with the program	1.7%(1)	‡(3)
Client received what she needs from program	22.1%(13)	‡(42)
Client incarcerated/out of home placement	0%(0)	0% (0)
Other	8.5%(5)	‡(23)
No visits for >180 days	0.2%(10)	2.1%(1125)
<b>Total attrition during infancy</b>	<b>31.1%</b>	<b>30.5%</b>

\*n equals clients who have completed the phase

\*\*This reason contains only data through September 30, 2006

†Data collection began October 1, 2006 for the nine categories under Declined Further Participation

‡Percentage is greater than 0% and less than .1%



Table 22. Client Attrition during Toddlerhood

	Colorado NFP	National NFP
<b>Toddlerhood (n=4453)*</b>		
Infant death	0%(1)	‡(24)
Moved out of service area/transferred to other program	5.9%(264)	3%(1377)
Unable to locate	3.7%(166)	3.1%(1417)
Excessive missed visits	1.4%(64)	2.7%(1210)
Maternal death	‡ (1)	‡(7)
Unable to serve	0.2%(9)	0.3%(136)
Declined Participation** (prior to 10/1/2006)	3.8%(168)	4.9%(2254)
<b>Declined further participation for one of the following reasons† (total)</b>	0.1%(6)	0.1%(56)
Returned to work	0%(0)	5%(23)
Returned to school	0%(0)	0.2%(1)
Receiving services from another program	0%(0)	0% (0)
Pressure from family members	0%(0)	0.4%(2)
Refused new nurse	0%(0)	1.5%(7)
Dissatisfied with the program	0%(0)	0% (0)
Client received what she needs from program	0.1%(3)	2.6%(12)
Client incarcerated/out of home placement	0%(0)	0% (0)
Other	0.1%(3)	2.2%(10)
No visits for >180 days	0.2%(8)	1%(436)
<b>Total attrition during toddlerhood</b>	<b>15.4%</b>	<b>15.2%</b>

\*n equals clients who have completed the phase

\*\*This reason contains only data through September 30, 2006

†Data collection began October 1, 2006 for the nine categories under Declined Further Participation

‡Percentage is greater than 0% and less than .1%

## PROGRAM RISK FACTORS AND OUTCOMES

An important part of this program is improving the health and wellbeing of the clients and children enrolled in the program and monitoring any changes that occur. Various outcomes and risk factors are noted in the tables below.

### PREGNANCY HEALTH AND OUTCOMES

Table 23. Client's Health during Pregnancy

	Colorado NFP	National NFP
<b>Percent with first prenatal visit with Health Care Provider in:</b>		
First trimester	80%	83%
Second trimester	19%	17%
Third trimester	1%	0%
<b>Percent underweight before pregnancy</b>		
	11%	9%
<b>Percent with adequate weight gain</b>		
	83%	80%
<b>UTIs*</b>		
Percent with one or more	29%	32%
<b>STIs*</b>		
Percent with one or more	14%	13%
<b>Antibiotic use*</b>		
Percent using one or more times	27%	29%
<b>Domestic violence</b>		
Physically abused	5%	7%
Forced to have sexual relations	3%	3%
Afraid of partner/ someone else	8%	7%

\* Data collection began October 1, 2006

Table 24. Government Assistance Use during Pregnancy

	Colorado NFP	National NFP
<b>Percent receiving Medicaid during pregnancy (total)*</b>		
Prenatal care, labor and delivery	85%	87%
Labor and delivery only	5%	2%
<b>Number of months receiving services during pregnancy (mean)</b>		
Medicaid	6	7
TANF	3	5
Food Stamps	5	6
WIC	6	6

\* Data collection began October 1, 2006

## CHANGE IN MATERNAL HEALTH BEHAVIORS

Prenatal use of tobacco, alcohol, and other drugs has been associated with various adverse birth outcomes such as low birth weight, preterm delivery, and spontaneous abortion. Assessments of personal health habits, including smoking and the use of alcohol, are conducted periodically: shortly after enrollment, at 36 weeks of pregnancy, and at 12 months of infancy. Because health habits are measured at different time periods, it is possible to consider changes in these behaviors as intervening outcomes.

Table 25 provides information about the maternal health habits of Colorado NFP clients between intake and 36 weeks of pregnancy and between intake and one year infancy with information being compared for those with data at *both* time points. As is common for programs addressing substance use during pregnancy, a client may return to previous substance use or other detrimental health habits after the birth of her baby. It is not feasible to examine change in behavior over time if that behavior is reported infrequently at intake. Please note that the relative percent change cannot be calculated when no participants reported a certain health habit at intake.

Table 26 presents this maternal health habit data for NFP clients nationwide.

Table 25. *Change in Maternal Health Habits among Colorado NFP Clients: Program Intake and 36 Weeks of Pregnancy, Program Intake and One Year of Infancy*

<b>Pregnancy</b>		<b>Frequency of client behavior at Intake</b>	<b>Frequency of client behavior at 36 Weeks of Pregnancy</b>	<b>Percent Changed</b>	
	<b>N</b>				
Cigarette smoker	5223	768	611	-20%	*
Smoked 5+ cigarettes last 24 hrs.	5223	310	247	-20%	*
Marijuana use	5214	113	39	-65%	*
Alcohol use	5212	112	83	-26%	*
Cocaine use	5214	7	1	-86%	*
Other drug use	5205	3	1	-67%	

<b>Infancy</b>		<b>Frequency of client behavior at Intake</b>	<b>Frequency of client behavior at One Year of Infancy</b>	<b>Percent Changed</b>	
	<b>N</b>				
Cigarette smoker	2524	370	553	49%	*
Smoked 5+ cigarettes last 24 hrs.	2524	148	296	100%	*
Marijuana use	2520	54	42	-22%	
Alcohol use	2521	64	503	686%	*
Cocaine use	2520	2	2	0%	
Other drug use	2512	2	4	100%	

\*Statistically significant at  $p < .05$

†Less than 1%

Relative percent change = (percent after-percent before)/percent before

Table 26. Change in Maternal Health Habits among National NFP Clients: Program Intake and 36 Weeks of Pregnancy, Program Intake and One Year of Infancy

	Frequency of client behavior at Intake	Frequency of client behavior at 36 Weeks of Pregnancy	Percent Changed
<b>Pregnancy (N=39,402)</b>			
Cigarette smoker	6,381	5,386	-16% *
Smoked 5+ cigarettes last 24 hrs.	3,203	2,768	-14% *
Marijuana use	442	202	-54% *
Alcohol use	488	364	-25% *
Cocaine use	30	15	-50% *
Other drug use	35	20	-43% *
	Frequency of client behavior at Intake	Frequency of client behavior at One Year of Infancy	Percent Changed
<b>Infancy (N=13,358)</b>			
Cigarette smoker	2,064	3,216	56% *
Smoked 5+ cigarettes last 24 hrs.	1,021	1,978	94% *
Marijuana use	183	263	44% *
Alcohol use	179	1,952	991% *
Cocaine use	11	18	64%
Other drug use	21	21	0%

\*Statistically significant at  $p < .05$

†Less than 1%

Relative percent change = (percent after-percent before)/percent before

Nurse home visitors also work with clients who are unwilling or unable to quit smoking to reduce the number of cigarettes smoked. The table below provides the change in the number of cigarettes smoked among those who reported at intake smoking 5 or more cigarettes per day. Data should be interpreted carefully when sample sizes are small.

Table 27. Change in Number of Cigarettes Smoked per Day during Pregnancy for those who reported smoking five or more cigarettes per day at intake

	Average Change
Colorado NFP (n=310)	-3.4 *
National NFP	-2.5 *
NFP objective	-3.5

\*Statistically significant at  $p < .05$

## CHANGE IN EXPERIENCE OF VIOLENCE

Data on violence are collected from clients at program intake and at 36 weeks of pregnancy. Change in the experience of physical abuse and in fear of a partner or other individual are presented in Table 28. Violence data are based on self-reported information which may not be divulged until the nurse/client relationship has developed and is more trusting. The potential under-reporting of this information should be considered when looking at changes in violence rates over time.

Table 28. Change in Experience of Violence between Program Intake and 36 Weeks of Pregnancy

	N	Frequency at Intake	Frequency at 36 Weeks of Pregnancy	Relative Change
<b>Colorado NFP</b>				
Physical abuse	4,875	265	150	-43% *
Fear of partner/other	4,906	391	201	-49% *
<b>National NFP</b>				
Physical abuse	26,068	1741	1029	-41% *
Fear of partner/other	26,185	1738	900	-48% *

\*Statistically significant at  $p < .05$

Relative percent change = (percent after-percent before)/percent before

## INFANT HEALTH

### BIRTH OUTCOMES – PREMATURE BIRTHS, LOW BIRTH WEIGHT AND NICU USE

Gestational age and weight at birth are measures of infant health, with birth before 37 weeks gestation considered premature, and weight less than 2500 grams considered low birth weight.

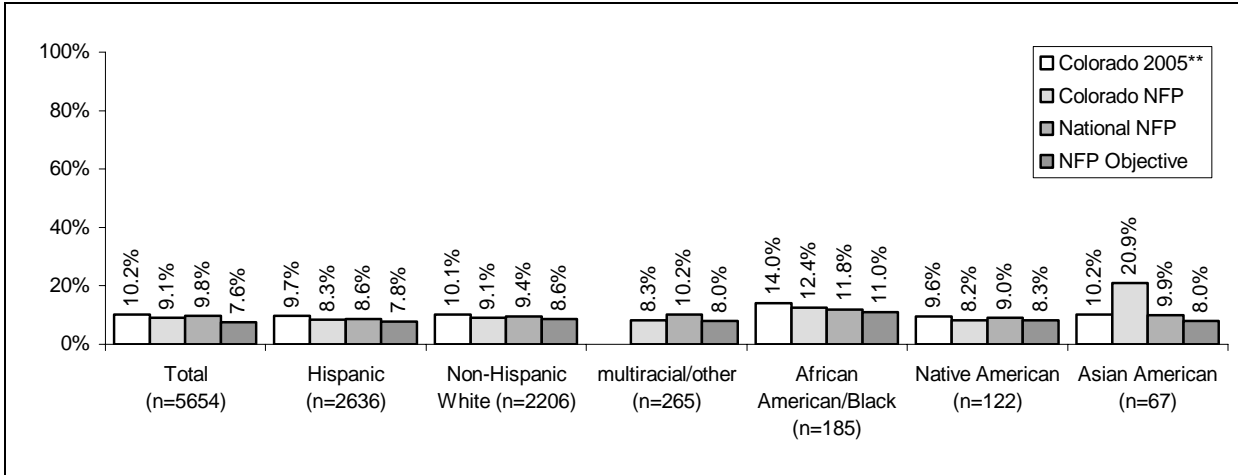
#### PREMATURE BIRTHS

Reduction of premature births is considered the best way to reduce infant illness, disability, and death.<sup>8</sup> Figure 4 illustrates the rates of premature births for Colorado NFP and the national NFP sample, and provides the NFP Objectives.

The NFP Objective for premature births is consistent with the target goal set in Healthy People 2010 Objectives<sup>8</sup> for the percentage of premature births among all women of childbearing age. Whereas it is a national goal to eliminate disparities in health outcomes among populations, health statistics for women from minority and low income populations served by the NFP substantiate the existence of disparities in rates of premature and low birth weight infants by race and ethnicity. Thus, the progress that NFP Implementing Agencies can realistically achieve toward the goals may vary based on the ethnic composition of the population served. To help Implementing Agencies monitor their progress toward the longer term target goal for 2010, NFP National Service Office has established intermediate objectives for NFP implementing agencies that reflect the racial/ethnic distribution of the NFP clients served (see Appendix B). Figure 4 also illustrates the rate(s) of premature births for the predominant ethnic group(s) within Colorado NFP, along with the respective intermediate NFP Objectives for this group/these groups.

Table 29 illustrates the rates of premature births based on the client's age at the time of her infant's birth. It should be noted that there is a difference in ethnicity categories reported in the Colorado 2005 data and the PRAMS data compared to the NFP data. The Colorado 2005 data and the PRAMS data do not have a multiracial/other ethnicity category.

Figure 4. Percentage of Premature Infants by Client's Ethnicity



Sample sizes presented are for Colorado NFP

Caution should be taken when interpreting information based on small numbers.

\*\*Colorado 2005 data from the Colorado Department of Public Health and Environment Health Statistics Section. Colorado Births and Deaths 2005.

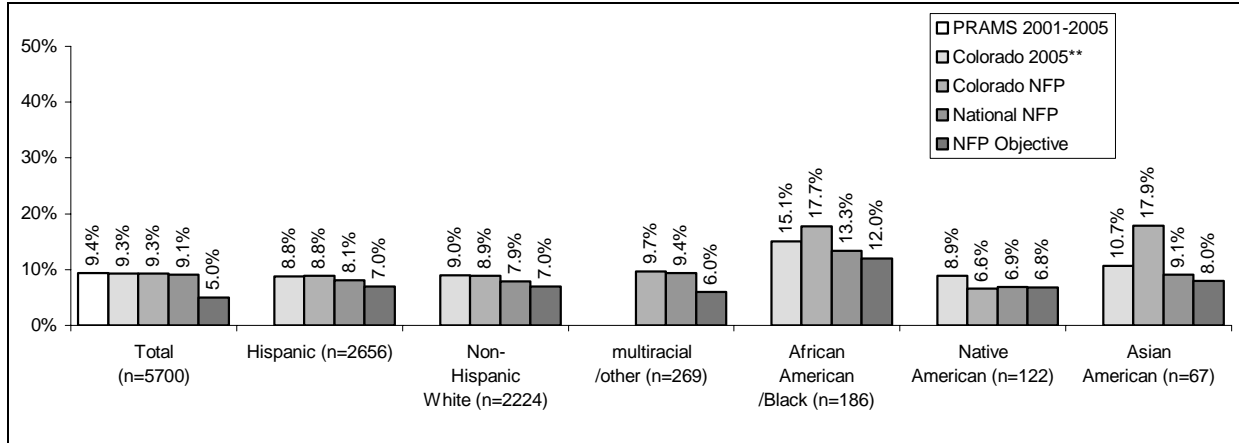
Table 29. Percentage of Premature Infants by Age of the Client at Infant Birth

Client's Age At Infant Birth	Colorado NFP Premature Infants		National NFP Premature Infants
	Number of Premature Infants by Client's Age	Percent of Premature Infants by Client's Age	Percent of Premature Infants by Client's Age
Less than 15 years	12	11%	13%
15-17 years	118	8%	10%
18-19 years	129	9%	9%
20-24 years	181	10%	9%
25-29 years	45	8%	11%
30 years or older	30	10%	14%

### Low Birth Weight

Birth weight is also used as an indicator of infant health, with the occurrence of infant death and/or disability highly correlated with low birth weight (less than 2,500-grams/5.5 lbs.). Figure 5 demonstrates the percentage of low birth weight (LBW) infants for Colorado NFP and the national NFP sample, and provides NFP Objectives. The overall rate is provided, along with the rate(s) for the predominant ethnic group(s) within Colorado NFP. Table 30 illustrates the percentages of low birth weight infants based on the client's age at the time of her infant's birth.

Figure 5. Percentage of Low Birth Weight Infants by Client's Ethnicity



Sample sizes presented are for Colorado NFP

Caution should be taken when interpreting information based on small numbers.

\*\*Colorado 2005 data from the Colorado Department of Public Health and Environment Health Statistics Section. Colorado Births and Deaths 2005.

Table 30. Percentage of Low Birth Weight Infants by Age of the Client at Infant Birth

Client's Age At Infant Birth	Colorado NFP Low Birth Weight (Less than 2500 g)		National NFP LBW (Less than 2500 g)
	Number of LBW Infants by Client's Age	Percent of LBW Infants by Client's Age	Percent of LBW Infants by Client's Age
Less than 15 years	9	8%	11%
15-17 years	123	9%	9%
18-19 years	142	10%	9%
20-24 years	175	9%	9%
25-29 years	50	9%	10%
30 years or older	29	9%	11%

Low birth weight is highly correlated with certain adverse infant health outcomes and a greater use of resources immediately following delivery. Those infants with marginal low birth weight (2268-2500 grams/5.0-5.5 pounds) use fewer resources and are at less risk for future health problems than infants below five pounds (less than 2268 grams). Table 31 provides the percentage of LBW infants who were of marginal LBW, as well as information regarding use of NICU. The percentage of LBW infants who were 5.0-5.5 lbs is calculated by dividing the number of infants who were 5.0-5.5 lbs by the total number of LBW infants who were less than 5.5 lbs. The percentage of LBW infants who were less than 5.0 lbs is calculated by dividing the number of infants who were less than 5.0 lbs by the total number of LBW infants who were less than 5.5 lbs.

Table 31. Other Infant Health Characteristics

	Colorado NFP	National NFP
Percentage of LBW infants who were 5.0-5.5 lbs (n=233)	44%	42%
Percentage of LBW infants who were less than 5.0 lbs (n=233)	56%	58%
Percentage of infants who spent time in NICU (n=5640)	12%	13%
Median number of days spent in NICU (n=654)	5	6

Sample sizes presented are for Colorado NFP  
 N= the total number of LBW infants who were less than 5.5 lbs.

DEVELOPMENTAL DELAYS

The Ages and Stages Questionnaires (ASQ) and the Ages and Stages Questionnaires: Social-Emotional (ASQ-SE) are administered at several time points during the child’s first two years. Scores on these assessments will provide the nurse home visitor with a framework for monitoring or referring the child. Collection of this data began in October 2006. It is important to note that ASQ scores are entered into the CIS on a delayed basis; the 4-month scores are added to a 6-month data collection form, resulting in a slight lag in data entry.

Table 32. Ages and Stages

	ASQ			
	4 months	10 months	14 months	20 months
Children who were assessed	47%(636)	53%(474)	71%(394)	99%(293)
<b>Children may need further evaluation (total)</b>	21%(134)	21%(101)	29%(113)	27%(80)
Communication	11%(72)	17%(80)	25%(97)	24%(70)
Gross motor	19%(119)	17%(80)	22%(88)	19%(57)
Fine motor	11%(73)	18%(86)	20%(80)	19%(55)
Problem solving	12%(74)	17%(81)	22%(85)	18%(52)
Personal-social	12%(78)	17%(83)	20%(80)	20%(59)
	ASQ-SE			
	6 months	12 months	18 months	24 months
Percent of children assessed	41%(549)	44%(396)	57%(317)	78%(231)
Percent needing referral	8%(45)	9%(36)	9%(30)	5%(12)

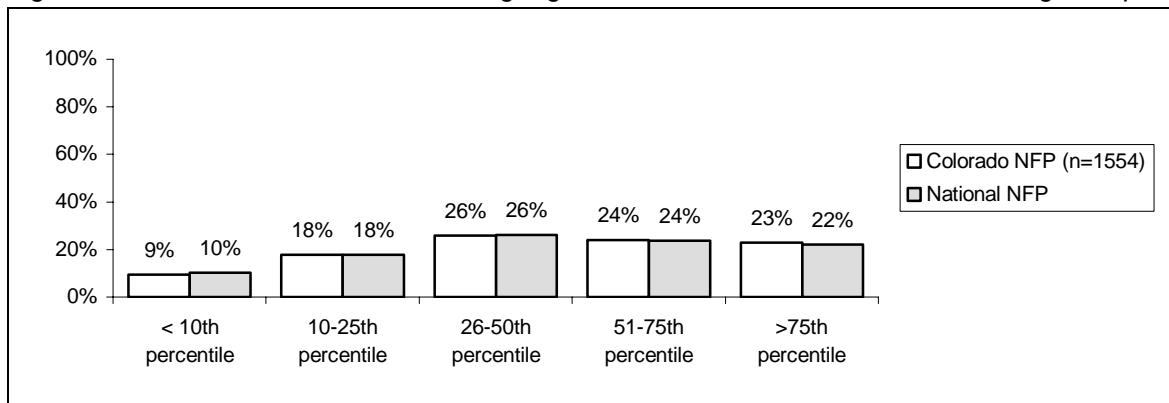
Data collection began October 1, 2006. Sample sizes are for Colorado NFP.



### Language Development

Development of language skills during the preschool years is an important indicator of school readiness. The *Language Assessment Form* (derived from the MacArthur CDI Short Form) is administered when toddlers are approximately 21 months of age<sup>9</sup>. The client is asked to identify which words her child says from a list of 100 words, and the number of words that the infant says is summed and compared to age and gender adjusted norms. Figure 6 shows the percentile breakdown of language scores for Colorado NFP English speaking toddlers and national NFP toddlers. The NFP Objective for this measure is 25% or fewer toddlers scoring below the 10<sup>th</sup> percentile. This objective takes into account the lower socioeconomic population that NFP serves. Scoring below the 10<sup>th</sup> percentile may indicate a delay in language skills and a need for referral for further language assessment. However, scoring above the 10<sup>th</sup> percentile on this assessment does not necessarily rule out the possibility of a language delay, as multiple factors may influence test scores. Nurse home visitors consider all relevant sources of information (e.g. other assessments, observation, and parental concern) when making an assessment regarding any type of developmental delay, including language delay, and work with local service providers in determining criteria for referral to their agencies for further evaluation.

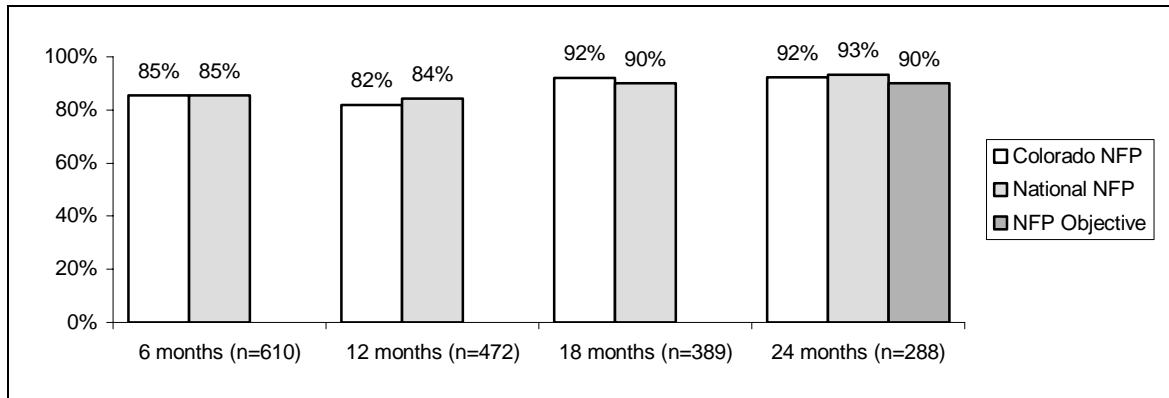
Figure 6. Percentile Breakdown of Language Production Scores for Toddlers – English Speaking



### IMMUNIZATIONS

Figure 7 provides a summary of the percentages of Colorado NFP infants fully immunized at 6, 12, 18 and 24 months of age based on locally recommended immunizations. Rates are provided for the Colorado NFP children, the national NFP sample, and the NFP Objective for 24 months.

Figure 7. Percent of Infants Assessed by Nurses as being Current with Immunizations\*



\*Because of a revision in the immunization data collection questions, only data collected since October 1, 2006 is included in this figure.

Information on lead testing for infants and toddlers in the program, and the results of that testing, is collected at 6, 12, 18 and 24 months of age. The percentage of children of a certain age who have been

tested is noted in the table below, as is the percentage of those children who tested positive for lead poisoning.

*Table 33. Lead poisoning by Child Age*

	6 months	12 months	18 months	24 months
<b>Children tested for lead poisoning</b>	N=3314	N=2269	N=1667	N=1264
Colorado NFP	4.2%(138)	18.9%(428)	35.6%(594)	42.2%(534)
National NFP	3.9%(979)	26.5%(4548)	50.5%(5794)	54.1%(5501)
<b>Positive Result</b>	N=138	N=428	N=594	N=534
Colorado NFP	2.9%(4)	1.9%(8)	2.5%(15)	1.3%(7)
National NFP	2.1%(21)	2.6%(116)	2.6%(151)	2.4%(130)

*Ns presented are for Colorado NFP*

#### EMERGENCY DEPARTMENT VISITS AND HOSPITALIZATIONS

Table 34 displays information on the frequency of emergency department visits and hospitalizations for injury and ingestion reported at 6, 12, 18 and 24 months of age by Colorado NFP clients. Table 35 provides corresponding information for national NFP clients. Emergency department visits and hospitalizations due to injury or ingestion are possible indicators of abuse or inadequate supervision of young children's activities.

*Table 34. Local Program Emergency Room Visits and Hospitalizations for Injury or Ingestion by Child Age*

	ER Visit Frequency	Hospitalization Frequency	Frequency of Either or Both
<b>0-6 Months</b>	<b>(n=1880)</b>	<b>(n=1874)</b>	
0	1727 (92%)	1855 (99%)	-
1	144 (8%)	19 (1%)	-
2	9 (0%)	0 (0%)	-
3+	0 (0%)	0 (0%)	-
Children affected	153 (8.1%)	19 (1.0%)	160 (8.5%)
<b>0-12 Months</b>	<b>(n=2145)</b>	<b>(n=2107)</b>	
0	1854 (86%)	2072 (98%)	-
1	273 (13%)	34 (2%)	-
2	16 (1%)	1 (0%)	-
3+	2 (0%)	0 (0%)	-
Children affected	291 (13.6%)	35 (1.7%)	305 (14.2%)
<b>13-18 Months</b>	<b>(n=1040)</b>	<b>(n=1042)</b>	
0	933 (90%)	1038 (100%)	-
1	103 (10%)	4 (0%)	-
2	4 (0%)	0 (0%)	-
3+	0 (0%)	0 (0%)	-
Children affected	107 (10.3%)	4 (0.4%)	110 (10.5%)
<b>13-24 Months</b>	<b>(n=1096)</b>	<b>(n=1065)</b>	
0	896 (82%)	1057 (99%)	-
1	192 (18%)	7 (1%)	-
2	8 (1%)	0 (0%)	-
3+	0 (0%)	1 (0%)	-
Children affected	200 (18.2%)	8 (0.8%)	205 (18.6%)

*Sample sizes presented are for Colorado NFP*

Table 35. National NFP Emergency Room Visits and Hospitalizations by Child Age\*

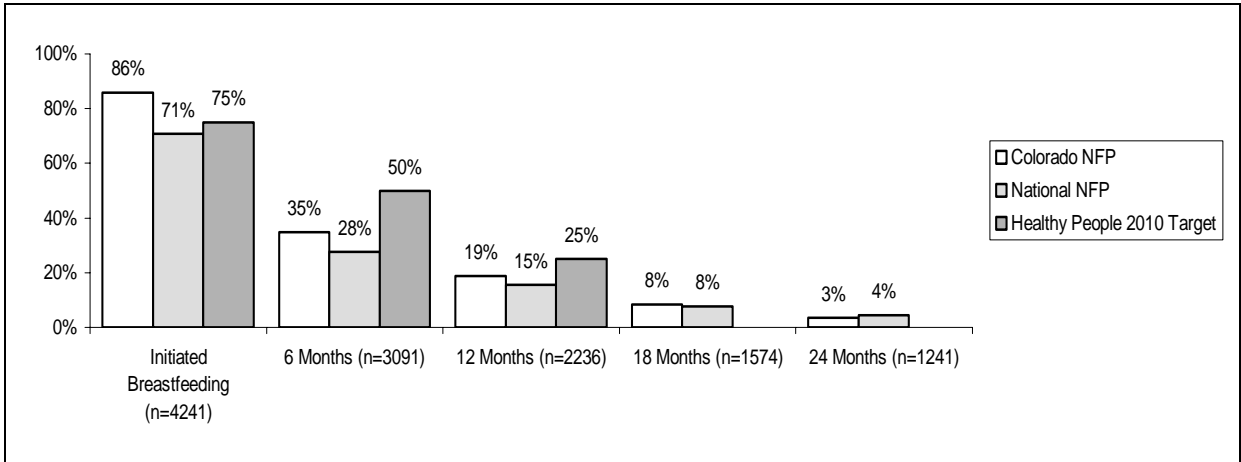
	ER Visit Frequency	Hospitalization Frequency	Frequency of Either or Both
<b>0-6 Months</b>	<b>(n=13930)</b>	<b>(n=17572)</b>	
0	13930 (77%)	16705 (95%)	-
1	1963 (11%)	725 (4%)	-
2	842 (5%)	96 (1%)	-
3+	617 (3%)	46 (0%)	-
Children affected	718 (4.0%)	71 (0.4%)	742 (4.1%)
<b>0-12 Months</b>	<b>(n=14062)</b>	<b>(n=17428)</b>	
0	14062 (76%)	17428 (97%)	-
1	1893 (10%)	413 (2%)	-
2	717 (4%)	55 (0%)	-
3+	472 (3%)	23 (0%)	-
Children affected	4563 (24.5%)	628 (3.5%)	4676 (25.0%)
<b>13-18 Months</b>	<b>(n=7309)</b>	<b>(n=8776)</b>	
0	7309 (81%)	8776 (98%)	-
1	735 (8%)	110 (1%)	-
2	229 (3%)	15 (0%)	-
3+	133 (1%)	4 (0%)	-
Children affected	649 (7.2%)	32 (0.4%)	663 (7.3%)
<b>13-24 Months</b>	<b>(n=7463)</b>	<b>(n=9908)</b>	
0	7463 (75%)	9908 (97%)	-
1	848 (9%)	205 (2%)	-
2	254 (3%)	28 (0%)	-
3+	175 (2%)	14 (0%)	-
Children affected	2440 (24.6%)	304 (3.0%)	2548 (24.5%)

\*The National data for this table does not include Oklahoma data.

BREASTFEEDING

Figure 8 illustrates breastfeeding rates reported at 6, 12, 18 and 24 months of infant age for Colorado NFP sample, along with rates reported among NFP clients nationwide. Breast milk is considered the ideal form of infant nutrition, with the practice of breastfeeding demonstrating wide-ranging benefits for infants' general health, immune systems, and development.<sup>7</sup> Table 36 presents information on exclusive breastfeeding.

Figure 8. Occurrence of Breastfeeding



Sample sizes presented are for Colorado NFP

Table 36. Exclusive Breastfeeding<sup>†</sup>

	Colorado NFP	National NFP
Median age when infant no longer exclusively breastfed*	10 weeks	6 weeks
Percent of infants exclusively breastfed until at least 6 months	2%	1%

<sup>†</sup> Data collected beginning October 1, 2006.

\*As reported at 6 months

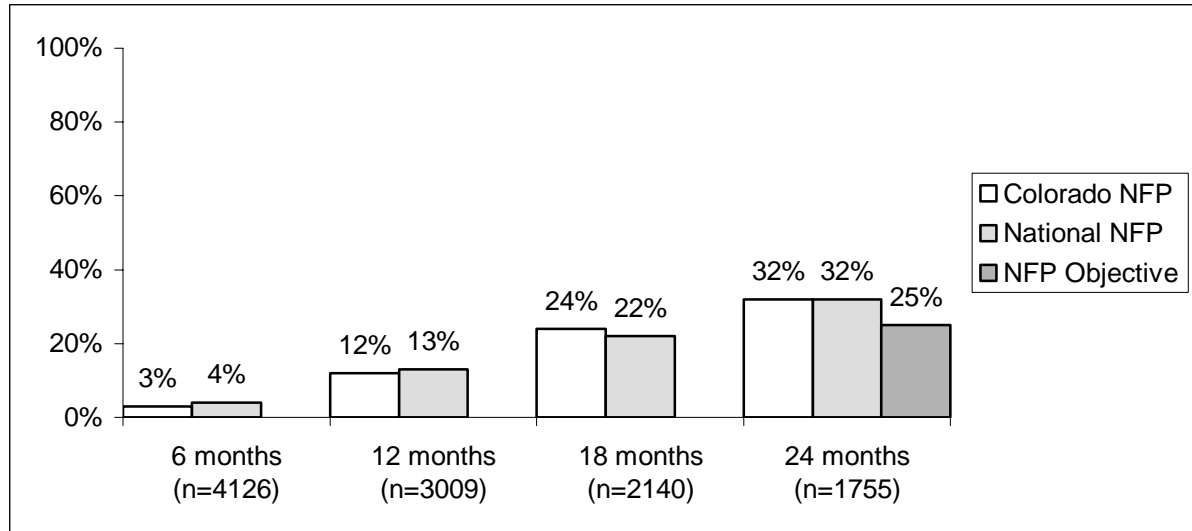
## MATERNAL LIFE COURSE DEVELOPMENT

### SUBSEQUENT PREGNANCIES

The NFP focuses on helping clients achieve life course development goals through the planning of future pregnancies, completion of their education, procurement of employment, and development of stable partner relationships. The timing and number of subsequent pregnancies has important implications for a client's ability to stay in school, find work, and/or find appropriate child care.

Figure 9 indicates rates of subsequent pregnancies among Colorado NFP, the national NFP and the NFP Objective by 24 months after the birth of the first child.

Figure 9. Subsequent Pregnancies by 6, 12, 18 and 24 months Postpartum



Sample sizes presented are for Colorado NFP

Table 37. Subsequent Pregnancies by 12 and 24 Months Postpartum by Age of the Client at Enrollment

	Subsequent Pregnancies by 1 Year Postpartum		Subsequent Pregnancies by 2 Years Postpartum	
	Colorado NFP	National NFP	Colorado NFP	National NFP
Less than 15 years	6%(5)	11%(72)	20%(8)	27%(100)
15-17 years	13%(86)	15%(833)	35%(124)	34%(1028)
18-19 years	16%(110)	16%(865)	37%(132)	37%(1079)
20-24 years	11%(94)	12%(768)	32%(147)	30%(1127)
25-29 years	8%(20)	9%(161)	26%(34)	25%(277)
30 years or older	7%(11)	6%(55)	21%(23)	20%(118)

\*Statistically significant difference ( $p < .05$ ) between age groups

EDUCATION

Education status and enrollment in school are also factors to consider when looking at clients' life course development. Nurse home visitors work with clients to set educational and career goals, including completion of a high school diploma or GED. Table 38 tracks those clients who entered the program *without* a high school diploma or GED in terms of diploma/GED completion and school enrollment. Table 39 provides this information for national NFP clients.

Table 38. Education Status over Time for Colorado NFP Clients with No High School Diploma or GED at Intake

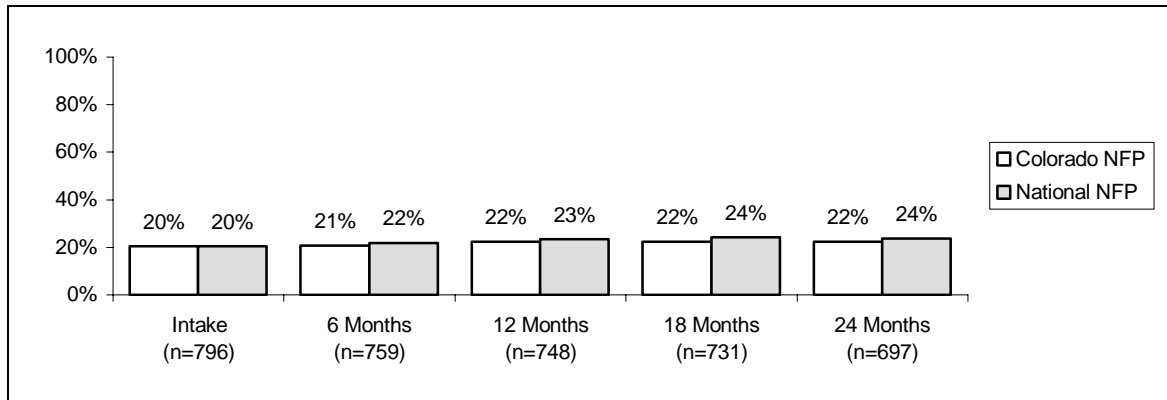
	Intake (n=806)	6 Months (n=791)	12 Months (n=783)	18 Months (n=760)	24 Months (n=694)
Diploma/GED and enrolled in school	0%	7%	10%	11%	13%
Diploma/GED but not enrolled in school	0%	11%	17%	24%	28%
No diploma/GED and enrolled in school	46%	33%	27%	22%	18%
No diploma/GED but not enrolled in school	54%	49%	46%	44%	42%

Table 39. Education Status over Time for National NFP Clients with No High School Diploma or GED at Intake

	Intake (n=4,920)	6 Months (n=4,735)	12 Months (n=4,681)	18Months (n=4,569)	24 Months (n=4,183)
Diploma/GED and enrolled in school	0%	6%	9%	12%	14%
Diploma/GED but not enrolled in school	0%	12%	18%	23%	27%
No diploma/GED and enrolled in school	61%	43%	35%	29%	23%
No diploma/GED but not enrolled in school	39%	39%	38%	37%	36%

Figure 10 tracks enrollment in school beyond high school for those clients who entered the program with a high school diploma or GED.

Figure 10. Enrollment in School over Time for those with a High School Diploma or GED at Intake

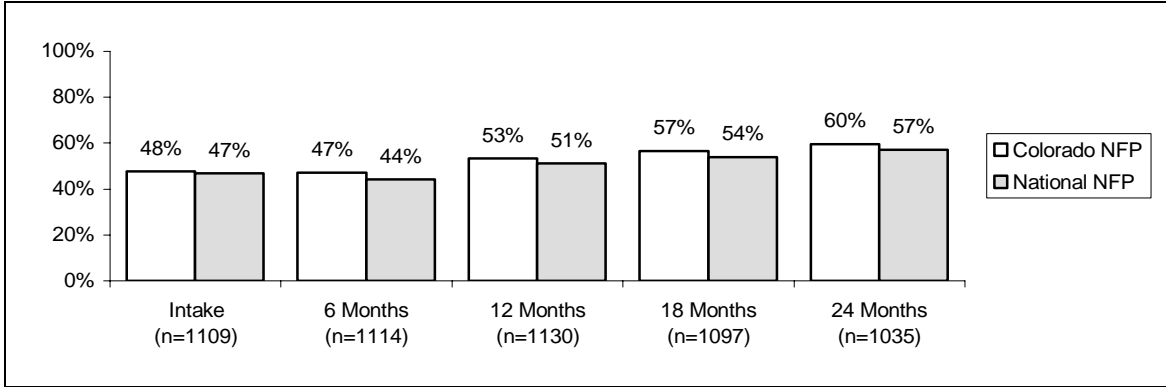


Sample sizes presented are for Colorado NFP

WORKFORCE PARTICIPATION

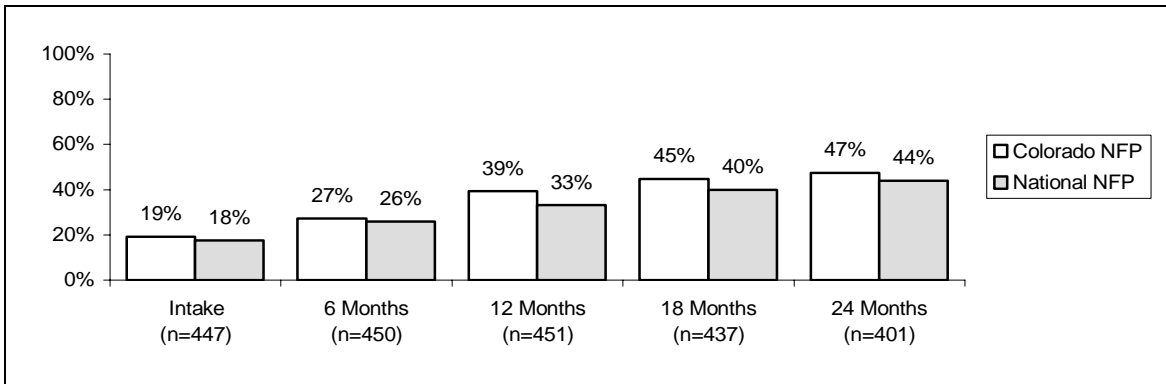
Participation in the workforce is another area that is tracked as an indicator of the client's life course development. Figure 11 and Figure 12 note the percentage of clients in the workforce over time broken down by age for both Colorado NFP and the national NFP.

Figure 11. Percentage Working over Time among those 18 Years or Older at Intake



Sample sizes presented are for Colorado NFP.

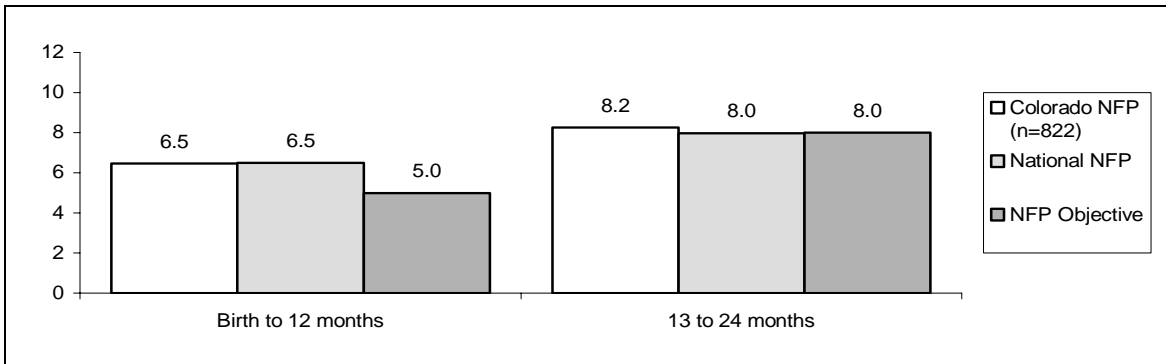
Figure 12. Percentage Working over Time among those 17 Years or Younger at Intake



Sample sizes presented are for Colorado NFP

For clients who reported working at 12 and 24 months of infant age, the number of months they worked during the first (0-12 months) and second (13-24 months) postpartum years is tracked. The average number of months Colorado NFP clients worked is noted in Figure 13, along with the national NFP rates and NFP Objectives.

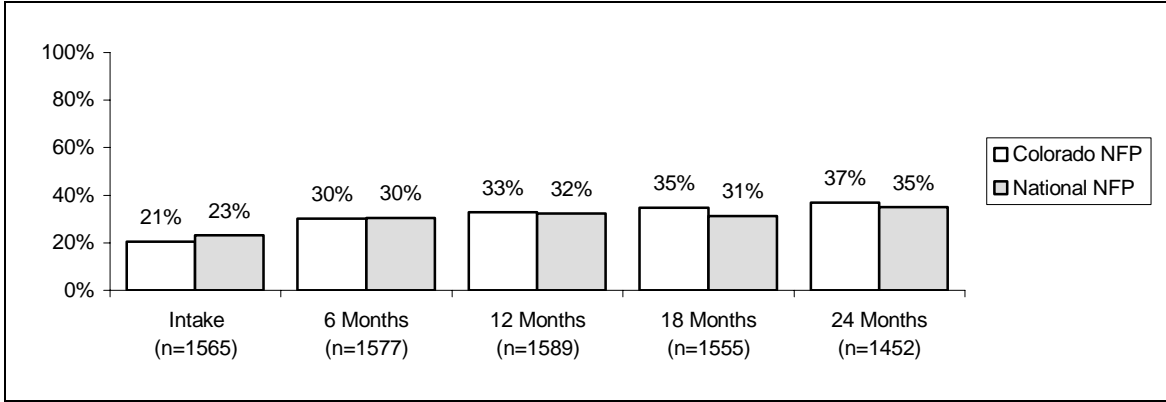
Figure 13. Number of Months Worked Postpartum



MARITAL STATUS

Marital status of clients is assessed at program intake and every six months after the birth of the client's baby. Marriage is an important indicator of stable partner relationships which have important benefits for the family's economic and psychological health. Figure 14 demonstrates the percentage of clients who were married from intake to 24 months of infant age.

Figure 14. Percentage Married over Time



Sample sizes presented are for Colorado NFP

USE OF PUBLIC ASSISTANCE PROGRAMS

Colorado NFP clients were asked to report their use of publicly supported government assistance programs at intake and at 6, 12, 18, and 24 months infant age. This information is presented in Figure 15 below, and rates for NFP clients nationwide are provided in Figure 16.

Figure 15. Percentage of Colorado NFP Clients Using Government Assistance between Program Intake and 24 Months of Toddler Age

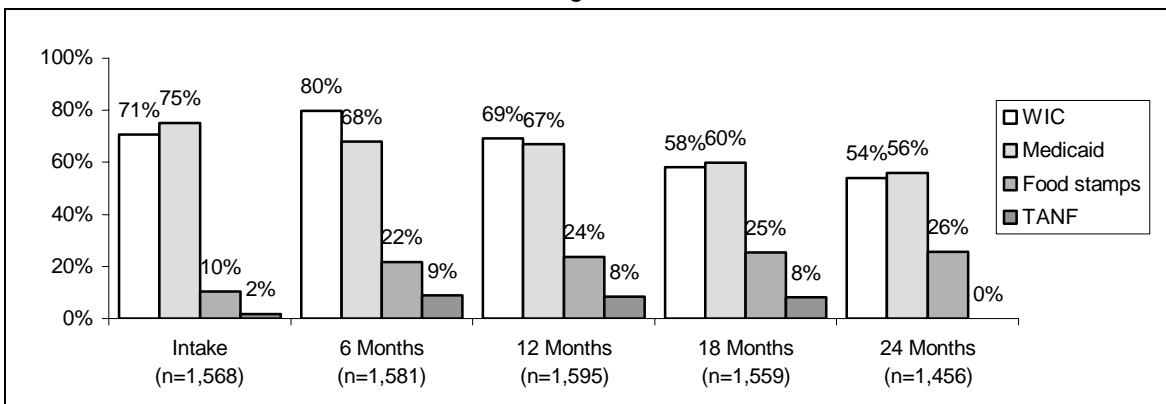
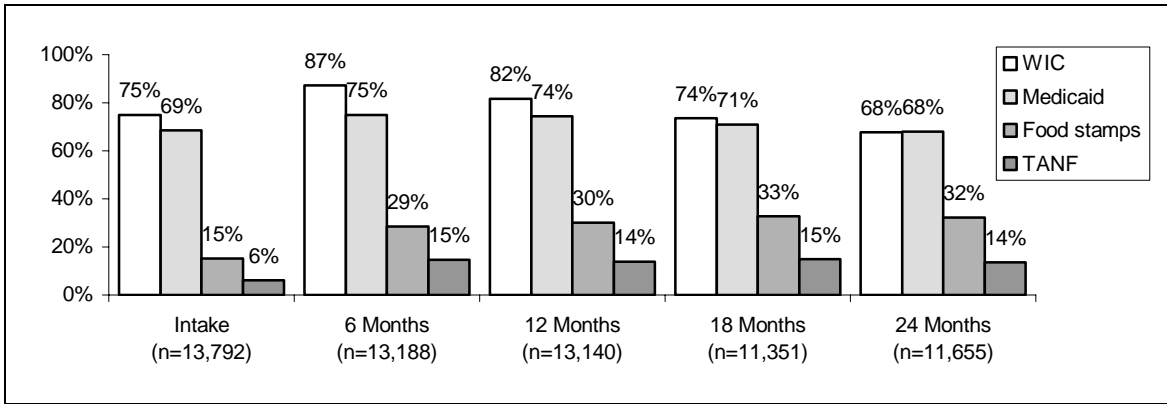




Figure 16. Percentage of National NFP Clients Using Government Assistance between Program Intake and 24 Months of Toddler Age



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## APPENDIX A: NURSE-FAMILY PARTNERSHIP OVERVIEW

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Federal, state, and local governments and a variety of private efforts have attempted for several decades to create interventions that would prevent or at least reduce the incidence of low birth weight and premature infants, child abuse and neglect, crime, welfare dependency, and other severe social and health problems. These attempts included several models of nurse home visitor programs and some programs based in the social welfare system. Our society, nonetheless, still faces persistent rates of child and family poverty, births to adolescents, infant mortality, and juvenile crime. Many of these problems can be traced directly to the behavior of clients and fathers and conditions in the family home.

One program of prenatal and infancy home visitation by nurses, the Nurse-Family Partnership, developed and tested by Dr. David Olds and colleagues, addresses many of the programmatic and clinical deficiencies found in programs tested earlier. Clinical trials of this program in Elmira, New York; Memphis, Tennessee; and Denver, Colorado have produced a variety of positive outcomes for low-income clients and their children.<sup>1-6</sup>

### THE PROGRAM MODEL

NFP nurse home visitors work with women and their families in their homes during pregnancy and through the first two years of the child's life to accomplish three goals:

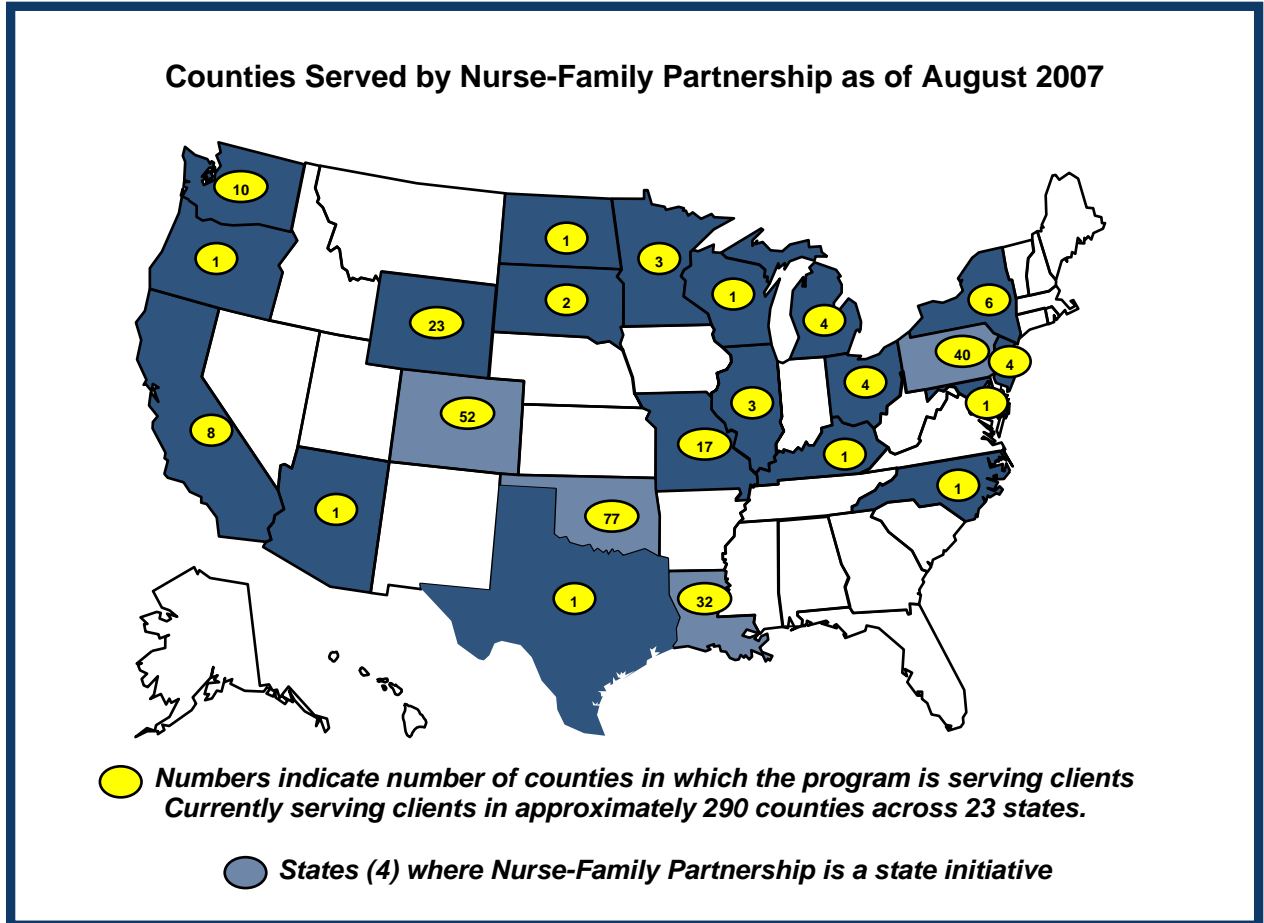
- Improve pregnancy outcomes by helping women alter their health-related behaviors, including reducing use of cigarettes, alcohol, and illegal drugs
- Improve child health and development by helping parents provide more responsible and competent care for their children
- Improve families' economic self-sufficiency by helping parents develop a vision for their own future, plan future pregnancies, continue their education and find work.

The model being replicated has a number of key features that differentiate it from other home visitation programs:

- A firm foundation in theories of development and behavioral change and methods to reduce specific risks for poor maternal and child outcomes
- Focus on low-income women bearing first children
- A clinical foundation in health
- Use of registered nurses
- Initiation of visits during pregnancy and continuing involvement with families for two years postpartum
- Use of detailed visit-by-visit protocols to guide the nurses in their work with families.

## DISSEMINATION OF THE NURSE-FAMILY PARTNERSHIP

The NFP is working with communities to implement this program across the country. The map below highlights the states with active NFP programs and the number of counties served in those states. Additional information about the Nurse-Family Partnership can be found on the web site at <http://www.nursefamilypartnership.org>.



## APPENDIX B: NURSE-FAMILY PARTNERSHIP OBJECTIVES

The Nurse-Family Partnership has drafted objectives to help implementing agencies track their fidelity to the model and monitor program outcomes related to common indicators of maternal, child, and family functioning. The objectives have been drawn from the program's research trials, early dissemination experiences, and current national health statistics (e.g., National Center for Health Statistics, Centers for Disease Control and Prevention; Healthy People 2010). The objectives are intended to provide guidance for quality improvement efforts and are long-term targets for implementing agencies to achieve over time.

While program staff has given careful thought in crafting these objectives, they are being offered in provisional form because they are, after all, the first iteration of objectives for guiding program performance. Program staff will continue to review national trends emerging from CIS (Clinical Information System) data, as well as changes in national indicators of relevant maternal, child, and family functioning, to identify areas where the objectives may need to be modified. Equally important will be implementing agencies' own experiences in working with the objectives. It will be important to understand from actual experience what may need to be added or dropped from the objectives for them to be as useful as possible in supporting efforts to continue to improve the performance of the NFP, both nationally and in each and every implementing agency.

### OBJECTIVES CONCERNING FIDELITY TO PROGRAM MODEL

#### PROGRAM IS REACHING THE INTENDED POPULATION OF LOW-INCOME, FIRST-TIME CLIENTS:

1. 75% of eligible referrals are enrolled in the program
2. 100% of enrolled women are first-time clients (no previous live birth)
3. 60% of pregnant women are enrolled by 16 weeks gestation or earlier

#### PROGRAM ATTAINS OVERALL ENROLLMENT GOAL AND RECOMMENDED CASELOAD:

4. A caseload of 25 for all full-time nurses within 8-9 months of program operation

#### PROGRAM SUCCESSFULLY RETAINS CLIENTS IN PROGRAM THROUGH CHILD'S SECOND BIRTHDAY:

5. Cumulative program attrition is 40% or less through the child's second birthday
6. 10% or less for pregnancy phase
7. 20% or less for infancy phase
8. 10% or less for toddler phase

Although attrition rates may exceed the target objectives defined above when nurse home visitors are first learning the program model (i.e., initial three year program cycle), we believe that program staff needs to carefully attempt to develop strategies to fully engage clients in the program through the child's second birthday. In examining current rates of attrition among our national sample of NFP clients, we note considerable variability among programs, with an overall average of about 65% attrition through the child's second birthday (15% pregnancy, 33% infancy, and 17% toddler). Thus, we have established an intermediate objective of reducing attrition nationally by 12-15% over the next five years.

To encourage progress toward this intermediate goal, we encourage individual implementing agencies to work toward reducing client attrition by 2-3% each year, targeting those reasons why clients drop out of the program early that are likely to be most amenable to change (e.g., declined further participation, missed appointments, failure to notify agency of address changes, etc.)

#### NURSE HOME VISITORS MAINTAIN ESTABLISHED FREQUENCY, LENGTH, AND CONTENT OF VISITS WITH FAMILIES:

9. Percentage of expected visits completed is 80% or greater for pregnancy phase
10. Percentage of expected visits completed is 65% or greater for infancy phase

11. Percentage of expected visits completed is 60% or greater for toddler phase
12. On average, length of home visits with clients is a minimum of 60 minutes.
13. Content of home visits reflects variation in developmental needs of clients across program phases:

<b>Average Time Devoted to Content Domains during Pregnancy</b>	
Personal Health	35-40%
Environmental Health	05-07%
Life Course Development	10-15%
Maternal Role	23-25%
Family and Friends	10-15%
<b>Average Time Devoted to Content Domains during Infancy</b>	
Personal Health	14-20%
Environmental Health	07-10%
Life Course Development	10-15%
Maternal Role	45-50%
Family and Friends	10-15%
<b>Average Time Devoted to Content Domains during Toddlerhood</b>	
Personal Health	10-15%
Environmental Health	07-10%
Life Course Development	18-20%
Maternal Role	40-45%
Family and Friends	10-15%

## OBJECTIVES CONCERNING MATERNAL AND CHILD OUTCOMES

### REDUCTION IN SMOKING DURING PREGNANCY:

14. 20% or greater reduction in the percentage of women smoking from intake to 36 weeks pregnancy
15. On average, a 3.5 reduction in the number of cigarettes smoked per day between intake and 36 weeks pregnancy (among women who smoked 5 or more cigarettes at intake)

### PERCENTAGES OF PREMATURE AND LOW BIRTH WEIGHT INFANTS DEMONSTRATE PROGRESS TOWARD HEALTHY PEOPLE 2010 OBJECTIVES:

16. Premature birth rate of 7.6%
17. Low birth weight (LBW) rate of 5%

The national target objectives listed above are for all women, irrespective of risk. Clients enrolled in the NFP typically are at higher risk for having premature and low birth weight infants because, on average, they are younger, low income, less educated, first-time clients drawn from diverse racial and ethnic populations. While it is a national goal to eliminate disparities in health outcomes, women from economically disadvantaged and/or minority populations currently demonstrate higher rates of premature and low birth weight infants. Thus, the progress that NFPs realistically can achieve in reaching Healthy People 2010 objectives may vary based on the composition of the population served.

To help implementing agencies monitor their progress toward the longer-term target objectives for 2010, we have established intermediate objectives for 2006 based on the racial/ethnic distribution of clients served. The intermediate targets presented in the table below were established by analyzing data from our national dissemination database and setting a target goal for each racial/ethnic population that represents a 10% reduction in our currently observed rates of prematurity and low birth weight for that population. *If a implementing agency has already achieved the objectives presented in the table, we encourage that they target specific objectives that are 10% below their current percentages for premature and low birth weight infants among their NFP clients.*

## 18. Intermediate birth outcome objectives by ethnicity:

<b>Racial/Ethnic Status</b>	<b>% Premature Infants</b>	<b>% Low Birth Weight Infants</b>
Asian	8.0	8.0
African American/Black	11.0	12.0
Hispanic	7.8	7.0
Native American	8.3	6.8
Non-Hispanic White	8.6	7.0
Mixed Racial/Ethnic	8.0	6.0

**CHILD HEALTH AND DEVELOPMENT:**

19. Completion rates for all recommended immunizations are 90% or greater by the time the child is two years of age
20. Percent of toddlers who fall below the 10th percentile on the MacArthur CDI for acquisition of language skills for their age and gender is 25% or less

**MATERNAL LIFE-COURSE DEVELOPMENT:**

21. Rate of subsequent pregnancies within two years following birth of infant is 25% or less
22. Mean number of months women (18 years or older) employed following birth of infant is:
  - 5 months from birth to 12 months
  - 8 months from 13 to 24 months

## APPENDIX C: COLORADO PRAMS DATA

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To help state health departments establish and maintain a surveillance system of selected maternal behaviors, the Centers for Disease Control and Prevention (CDC) collaborated with several states to initiate the Pregnancy Risk Assessment Monitoring System (PRAMS) in 1987. This surveillance system was developed to supplement vital records data and to generate state-specific data about perinatal health.

In September of 1996, the Colorado Department of Public Health and Environment was awarded a grant from CDC to establish PRAMS in Colorado, and data collection began in the spring of 1997. The PRAMS questionnaire is mailed to a sample of Colorado women each month. Participants complete the surveys and return them to the health department where all answers are grouped to provide data for the entire state.

For this Colorado NFP report, the PRAMS sample data includes first-time, low income mothers. For this specific analysis, poor was defined as having an income below 200% of the Federal Poverty Level (FPL). FPL was calculated from the income and the number of people depending on this income question found within the PRAMS instrument. If the respondent's income or number of dependents were unknown, women were also considered to be poor if: (1) Medicaid paid for either prenatal care or labor and delivery; (2) they participated in WIC services during or after pregnancy; or (3) they were less than 25 and not married. By including this subset of the Colorado PRAMS data, the goal is to provide comparative data between NFP mothers and other low-income mothers in Colorado. Caution should be taken when comparing this subset of Colorado PRAMS data to Colorado NFP data; additional socio-demographic differences including mother's age and urban vs. rural place of residence may factor into outcomes.



## APPENDIX D: ORGANIZATIONAL CHART

# The Colorado Nurse-Family Partnership Program

In Colorado, the Nurse-Family Partnership program is supported by the Nurse Home Visitor Program funds from the Colorado Department of Public Health and Environment. The Nurse Home Visitor Program is managed by a four-part team including the Colorado Department of Public Health and Environment, the National Center for Children, Families and Communities/University of Colorado at Denver Health Sciences Center, Nurse-Family Partnership National Service Office and Invest in Kids. This team is referred to as the Colorado Nurse-Family Partnership Coordination Team. The team is available to help all local sites with any questions or issues that may arise. Below you will find information that will guide you in deciding who to contact for specific situations.

For questions or issues related to:

<div> </div> <p><b>Fiscal Agent</b></p> <p>Annual state tobacco appropriation, annual grant application and funding selection process, contracts including funding conditions, please contact Esperanza Ybarra, NHVP Director, at 303-692-2943 or <a href="mailto:esperanza.ybarra@state.co.us">esperanza.ybarra@state.co.us</a></p> <p>Finances/budgets including invoicing/Medicaid estimates, please contact Esperanza Ybarra, NHVP Director, at 303-692-2943 or <a href="mailto:esperanza.ybarra@state.co.us">esperanza.ybarra@state.co.us</a> <a href="http://www.cdph.state.co.us">www.cdph.state.co.us</a></p> <div> <p>Colorado Department of Health Care Policy and Financing</p> <p>General NHVP Medicaid questions, please contact Ginger Burton, HCPF, at 303-866-2693 or <a href="mailto:ginger.burton@state.co.us">ginger.burton@state.co.us</a>.</p> <p>For NHVP Medicaid billing questions, please contact Lorin Meskin, ACS, at 303-534-0109 x 682 or visit the website <a href="http://www.chcpf.state.co.us">www.chcpf.state.co.us</a> and click the Provider Services button.</p> </div>	<div> </div> <p><b>Nurse Consultation, Site Development &amp; Program Advocacy</b></p> <p>Updates to site contact information and other misc. Administrative items, please contact Jessica Spencer, Administrative Assistant at 303-839-1808 x 100 or <a href="mailto:jspencer@iik.org">jspencer@iik.org</a></p> <p>Community awareness and involvement, advocacy and lobbying, development and/or expansion of sites, please contact Lisa Merlino, Deputy Director, at 303-839-1808 x 103 or <a href="mailto:imerlino@iik.org">imerlino@iik.org</a></p> <p>Implementing the NFP curriculum, interpretation and use of the data, resources for nurses and clients, please contact Courtney Thomas, Nurse Consultant, at 303-839-1808 x 105 or <a href="mailto:cathomas@iik.org">cathomas@iik.org</a> or Michelle Neal, Nurse Consultant, at 303-839-1808 x 101 or <a href="mailto:mneal@iik.org">mneal@iik.org</a></p> <p><a href="http://www.iik.org">www.iik.org</a></p>
<div> </div> <p><b>Nurse Training &amp; Evaluation</b></p> <p>Scheduling participants for NFP education sessions and ordering NFP curriculum materials, please contact Georgette McMichael, Event Planner, at 303-327-4248 or <a href="mailto:georgette.mcmichael@nursefamilypartnership.org">georgette.mcmichael@nursefamilypartnership.org</a></p> <p>For all inquiries of the National Service Office, please contact Heidi McCaslin, Program Manager, at 303-327-4245 or <a href="mailto:heidimccaslin@nursefamilypartnership.org">heidimccaslin@nursefamilypartnership.org</a></p> <p>Elly Yost, Director of Professional Development, at 303-327-4266 or <a href="mailto:elly.yost@nursefamilypartnership.org">elly.yost@nursefamilypartnership.org</a></p> <p>Staci Morley-Young, Reporting Specialist, at 303-327-4262 or <a href="mailto:staci.morley-young@nursefamilypartnership.org">staci.morley-young@nursefamilypartnership.org</a></p> <p><a href="http://www.nursefamilypartnership.org">www.nursefamilypartnership.org</a></p>	<div> </div> <p>The Nurse Home Visitor Act required the University of Colorado at Denver Health Sciences Center to designate an entity to assist the State Board of Health in selecting, evaluating and monitoring sites. NCCFC is this entity and subcontracts these responsibilities to the NFP National Service Office and Invest in Kids.</p> <p><a href="http://www.nccfc.org">www.nccfc.org</a></p>

**APPENDIX E: COLORADO QUARTERLY SUMMARY TABLES THRU  
6/30/07**

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Nurse-Family Partnership  
Summary Tables for Colorado  
Data through Jun 30, 2007

**Table 1: Current Quarter**

Local NFP	Enrollment			Graduation & Attrition		Caseload			Visits		
	Clients Enrolled	%(n) § Enrolled by 16 Weeks Gestation	Babies Born	Clients Graduated	Clients Dropped	Clients Served †	Babies Served	Active Clients at the End of the Quarter ‡	Visits during Pregnancy	Visits during Infancy	Visits during Toddlerhood
Boulder County Public Health	11	63.6% (7)	6	4	6	106	86	98	117	192	169
Denver Health: Best Babies	9	28.6% (2)	12	6	13	109	93	100	113	309	140
El Paso County DHE	29	53.8% (14)	27	4	32	207	154	194	312	496	141
Family Visitor Program	16	50.0% (7)	13	2	12	100	78	95	140	224	101
Jefferson County DHE	16	35.7% (5)	16	10	26	156	132	147	135	400	200
Larimer County DHE	23	61.9% (13)	11	17	36	171	134	146	222	253	331
Mesa County HD	17	53.8% (7)	16	11	26	170	134	141	177	285	242
Montrose County HHS	8	0.0% (0)	10	3	6	77	67	72	79	200	91
Northeast CO HD	9	57.1% (4)	1	1	11	44	30	46	41	48	33
Northwest CO VNA	4	50.0% (2)	6	2	5	48	39	45	51	111	49
Prowers County PHN	7	66.7% (4)	4	6	2	59	44	51	71	130	62
Pueblo Community Health	15	41.7% (5)	16	3	13	91	72	92	99	192	74
San Juan Basin HD	19	18.8% (3)	11	3	16	111	83	103	129	233	80
St. Anthony Hospital - Co	12	42.9% (3)	12	.	8	79	66	75	62	239	43
Summit County PHN	20	52.9% (9)	15	11	8	118	87	101	176	215	120
Tri - County HD	48	40.5% (17)	9	10	16	164	113	147	252	197	213
Valley Wide Health	18	16.7% (3)	20	10	6	122	99	114	159	267	185
Weld County DHE	27	52.2% (12)	14	6	11	138	99	129	189	201	213
<b>State Total</b>	<b>308</b>	<b>44.8% (117)</b>	<b>219</b>	<b>109</b>	<b>253</b>	<b>2070</b>	<b>1610</b>	<b>1896</b>	<b>2524</b>	<b>4192</b>	<b>2487</b>

All numbers in this table were based on non-cumulative data for the quarter reported.

§ %(n): n = frequency. Only those clients who had a Maternal Health Assessment Form entered into the CIS and had EDC information on the form are included in this analysis.

† Includes clients who had at least one completed visit during the quarter.

‡ Active client criteria:

- a discharge date has not been filed for the client using Client Activity Status Form or the client had 2 completed visits after a discharge status was filed with a Client Activity Status Form.
- the child is no more than 24 months old.
- the client had at least one completed visit within 6 months of the end of the quarter.

Nurse-Family Partnership  
Summary Tables for Colorado  
Data through Jun 30, 2007

**Table 2: Client Characteristics at intake**

	Number enrolled	Client Age (Median)	% (n) in Each Age Group						% (n) Completed High School	% (n) Completed GED ‡	% (n) Married	Median Household income (Range)(\$)	% (n) Health Care Coverage other than Medicaid ‡	Use of financial assistance				
			<15	15-17	18-19	20-24	25-29	>=30						% (n) Food Stamps	% (n) Medicaid	% (n) TANF	% (n) WIC	
Local NFP																		
Boulder County Public Health	315	23	1.0% (3)	4.1% (13)	5.1% (16)	53.3% (168)	22.5% (71)	14.0% (44)	67.5% (197)	0.7% (2)	32.9% (96)	13500 (1500-45000)	10.3% (4)	13.0% (38)	65.4% (191)	4.1% (12)	72.9% (213)	
Denver Health: Best Babies	597	17	7.4% (44)	47.1% (281)	23.8% (142)	15.6% (93)	4.9% (29)	1.3% (8)	19.3% (107)	0.0% (0)	12.4% (69)	13500 (1500-45000)	11.8% (4)	7.7% (43)	54.9% (305)	2.2% (12)	45.5% (253)	
El Paso County DHE	648	19	3.2% (21)	29.3% (190)	28.9% (187)	28.4% (184)	6.8% (44)	3.4% (22)	45.6% (279)	1.1% (7)	14.2% (87)	10500 (1500-45000)	19.8% (24)	13.2% (81)	76.6% (469)	3.1% (19)	73.0% (447)	
Family Visitor Program	283	20	0.7% (2)	19.4% (55)	25.1% (71)	36.4% (103)	13.1% (37)	5.3% (15)	35.6% (94)	0.0% (0)	30.7% (81)	13500 (1500-45000)	2.3% (1)	3.8% (10)	62.1% (164)	0.8% (2)	58.3% (154)	
Jefferson County DHE	656	19	1.4% (9)	20.4% (134)	29.0% (190)	34.0% (223)	10.2% (67)	5.0% (33)	51.9% (321)	1.1% (7)	17.0% (105)	17500 (1500-45000)	24.6% (16)	8.9% (55)	75.1% (464)	1.8% (11)	77.2% (477)	
Larimer County DHE	605	19	2.5% (15)	25.1% (152)	28.9% (175)	33.1% (200)	7.4% (45)	3.0% (18)	50.1% (283)	1.2% (7)	15.1% (85)	13500 (1500-45000)	16.0% (8)	7.4% (42)	67.4% (381)	1.1% (6)	56.6% (320)	
Mesa County HD	638	19	1.3% (8)	22.7% (145)	28.2% (180)	36.8% (235)	8.2% (52)	2.8% (18)	51.4% (310)	0.3% (2)	22.6% (136)	10500 (1500-45000)	11.5% (7)	8.9% (54)	73.9% (447)	4.6% (28)	67.4% (408)	
Montrose County HHS	369	19	3.0% (11)	24.9% (92)	26.3% (97)	29.8% (110)	11.1% (41)	4.9% (18)	52.2% (167)	0.3% (1)	28.0% (90)	13500 (1500-45000)	16.1% (5)	15.8% (51)	77.3% (249)	2.5% (8)	82.0% (264)	
Northeast CO HD	199	18	5.5% (11)	42.7% (85)	23.6% (47)	21.6% (43)	5.5% (11)	1.0% (2)	30.5% (46)	0.0% (0)	22.1% (34)	13500 (1500-45000)	33.3% (6)	14.9% (23)	55.8% (86)	1.9% (3)	80.5% (124)	
Northwest CO VNA	194	20	2.1% (4)	10.3% (20)	27.8% (54)	35.1% (68)	13.9% (27)	10.8% (21)	62.7% (116)	0.0% (0)	27.6% (51)	13500 (1500-45000)	21.1% (4)	12.4% (23)	65.4% (121)	0.5% (1)	48.1% (89)	
Prowers County PHN	213	19	1.4% (3)	23.5% (50)	34.7% (74)	26.3% (56)	8.5% (18)	5.6% (12)	48.1% (100)	0.5% (1)	22.6% (47)	10500 (1500-45000)	17.6% (3)	18.3% (38)	77.4% (161)	1.9% (4)	88.0% (183)	
Pueblo Community Health	432	18	4.4% (19)	40.3% (174)	25.7% (111)	26.2% (113)	2.3% (10)	1.2% (5)	26.5% (105)	2.0% (8)	8.6% (34)	10500 (1500-45000)	13.6% (6)	24.5% (97)	83.1% (329)	4.0% (16)	77.3% (306)	
San Juan Basin HD	588	20	1.2% (7)	18.2% (107)	24.8% (146)	40.5% (238)	9.5% (56)	5.8% (34)	59.5% (335)	0.4% (2)	18.8% (106)	13500 (1500-45000)	18.0% (9)	11.4% (64)	80.6% (454)	3.6% (20)	78.0% (439)	
St. Anthony Hospital - Co	169	19	3.0% (5)	23.7% (40)	26.0% (44)	29.0% (49)	8.9% (15)	9.5% (16)	38.8% (52)	3.0% (4)	10.4% (14)	17500 (1500-45000)	15.4% (4)	9.5% (13)	63.5% (87)	2.9% (4)	56.2% (77)	
Summit County PHN	424	22	1.4% (6)	15.3% (65)	19.3% (82)	30.0% (127)	16.5% (70)	17.5% (74)	55.8% (216)	0.3% (1)	35.0% (136)	13500 (1500-45000)	20.0% (10)	7.4% (29)	55.0% (215)	3.6% (14)	75.4% (295)	
Tri - County HD	710	19	5.1% (36)	26.1% (185)	29.7% (211)	28.5% (202)	8.3% (59)	2.4% (17)	45.3% (281)	0.5% (3)	15.0% (93)	17500 (1500-45000)	16.7% (10)	11.1% (69)	77.9% (486)	2.7% (17)	70.8% (442)	
Valley Wide Health	378	18	2.9% (11)	32.5% (123)	27.2% (103)	30.7% (116)	4.5% (17)	2.1% (8)	46.0% (169)	0.3% (1)	19.3% (71)	10500 (1500-45000)	20.8% (11)	24.8% (91)	84.5% (310)	5.7% (21)	79.0% (290)	

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**Table 2: Client Characteristics at intake**

Local NFP	Number enrolled	Client Age (Median)	% (n) in Each Age Group						% (n) Completed High School	% (n) Completed GED ‡	% (n) Married	Median Household income (Range)(\$)	% (n) Health Care Coverage other than Medicaid ‡	Use of financial assistance			
			<15	15-17	18-19	20-24	25-29	>=30						% (n) Food Stamps	% (n) Medicaid	% (n) TANF	% (n) WIC
Weld County DHE	443	17	6.8% (30)	45.1% (200)	25.1% (111)	17.2% (76)	4.7% (21)	1.1% (5)	26.2% (104)	0.3% (1)	14.6% (58)	9000 (1500-45000)	32.2% (19)	5.5% (22)	74.4% (296)	1.0% (4)	64.6% (257)
State Total	7861	19	3.1% (245)	26.9% (2111)	26.0% (2041)	30.6% (2404)	8.8% (690)	4.7% (370)	45.4% (3282)	0.6% (47)	19.2% (1393)	13500 (1500-45000)	18.0% (151)	11.6% (843)	71.9% (5215)	2.8% (202)	69.4% (5038)
National NFP	70733	19	3.2% (2254)	28.6% (20254)	27.8% (19690)	29.7% (21010)	7.1% (5025)	3.2% (2279)	41.8% (16986)	0.7% (280)	18.6% (12456)	13500 (1500-45000)	19.5% (1018)	17.5% (11746)	69.6% (28401)	5.8% (3860)	75.0% (50310)

All numbers in this table were based on cumulative data from program initiation through the end of the quarter.

% (n): n = frequency

‡ Data collection of GED and health care coverage other than Medicaid began October 1, 2006.

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**Table 3: Client Race/Ethnicity and Primary Language\***

Local NFP	Number enrolled	Race/Ethnicity						Primary Language			
		%(n) Non-Hispanic White	%(n) Hispanic	%(n) African American/ Black	%(n) Native American	%(n) Asian	%(n) Multiracial/ other	Number of Clients ‡	%(n) English	%(n) Spanish	%(n) Other
Boulder County Public Health	315	43.5% (127)	47.3% (138)	1.7% (5)	0.0% (0)	5.1% (15)	2.4% (7)	39	69.2% (27)	28.2% (11)	2.6% (1)
Denver Health: Best Babies	597	6.1% (34)	74.6% (414)	12.6% (70)	0.9% (5)	0.5% (3)	5.2% (29)	37	70.3% (26)	29.7% (11)	0.0% (0)
El Paso County DHE	648	43.8% (268)	35.9% (220)	10.6% (65)	1.3% (8)	1.3% (8)	7.0% (43)	122	78.7% (96)	20.5% (25)	0.8% (1)
Family Visitor Program	283	18.6% (49)	79.9% (211)	0.0% (0)	0.8% (2)	0.4% (1)	0.4% (1)	43	16.3% (7)	79.1% (34)	4.7% (2)
Jefferson County DHE	656	49.5% (306)	35.4% (219)	2.1% (13)	2.6% (16)	2.6% (16)	7.8% (48)	67	88.1% (59)	11.9% (8)	0.0% (0)
Larimer County DHE	605	64.2% (363)	25.3% (143)	0.5% (3)	1.6% (9)	1.1% (6)	7.3% (41)	50	94.0% (47)	4.0% (2)	2.0% (1)
Mesa County HD	638	62.4% (377)	29.0% (175)	1.2% (7)	2.6% (16)	1.0% (6)	3.8% (23)	65	83.1% (54)	15.4% (10)	1.5% (1)
Montrose County HHS	369	58.4% (188)	32.9% (106)	0.0% (0)	1.9% (6)	1.2% (4)	5.6% (18)	33	81.8% (27)	15.2% (5)	3.0% (1)
Northeast CO HD	199	48.1% (74)	49.4% (76)	0.6% (1)	0.0% (0)	0.6% (1)	1.3% (2)	19	84.2% (16)	15.8% (3)	0.0% (0)
Northwest CO VNA	194	58.9% (109)	33.0% (61)	1.1% (2)	2.2% (4)	1.6% (3)	3.2% (6)	21	76.2% (16)	23.8% (5)	0.0% (0)
Prowers County PHN	213	42.3% (88)	51.4% (107)	0.5% (1)	1.0% (2)	0.5% (1)	4.3% (9)	21	85.7% (18)	14.3% (3)	0.0% (0)
Pueblo Community Health	432	28.8% (114)	61.4% (243)	3.0% (12)	2.0% (8)	0.3% (1)	4.5% (18)	47	95.7% (45)	4.3% (2)	0.0% (0)
San Juan Basin HD	588	55.7% (313)	28.6% (161)	0.0% (0)	11.0% (62)	0.7% (4)	3.9% (22)	53	84.9% (45)	15.1% (8)	0.0% (0)
St. Anthony Hospital - Co	169	22.2% (30)	66.7% (90)	3.7% (5)	1.5% (2)	1.5% (2)	4.4% (6)	30	60.0% (18)	40.0% (12)	0.0% (0)
Summit County PHN	424	42.1% (164)	52.3% (204)	0.0% (0)	0.8% (3)	1.3% (5)	3.6% (14)	56	58.9% (33)	37.5% (21)	3.6% (2)
Tri - County HD	710	33.3% (207)	45.2% (281)	10.5% (65)	1.4% (9)	2.6% (16)	6.9% (43)	63	65.1% (41)	28.6% (18)	6.3% (4)
Valley Wide Health	378	19.9% (73)	74.1% (272)	0.3% (1)	1.4% (5)	0.0% (0)	4.4% (16)	54	85.2% (46)	13.0% (7)	1.9% (1)
Weld County DHE	443	23.5% (93)	73.4% (290)	0.0% (0)	1.5% (6)	0.0% (0)	1.5% (6)	60	71.7% (43)	28.3% (17)	0.0% (0)
State Total	7861	41.1% (2977)	47.1% (3411)	3.5% (250)	2.2% (163)	1.3% (92)	4.9% (352)	880	75.5% (664)	23.0% (202)	1.6% (14)
National NFP	70733	46.6% (31126)	22.4% (14944)	19.8% (13201)	4.7% (3118)	1.4% (910)	5.2% (3468)	5620	83.7% (4706)	14.2% (799)	2.0% (115)

\* Data collection of primary language began October 1, 2006; data collection of race/ethnicity is since program inception.

The number of clients with primary language data is smaller than the number of clients with race/ethnicity data.

%(n): n = frequency

‡ Number of clients with primary language data.

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**Table 4: Source of Referral to NFP and Enrollment**

Local NFP	Referral to NFP by Source †									Referral Enrolled by Source †								
	Total (N)	1	2	3	4	5	6	7	8	%(n) Total †	1	2	3	4	5	6	7	8
Boulder County Public Health	169	21.3% (36)	0.0% (0)	13.6% (23)	0.0% (0)	0.0% (0)	1.8% (3)	0.0% (0)	63.3% (107)	16.6% (28)	21.4% (6)	0.0% (0)	21.4% (6)	0.0% (0)	0.0% (0)	3.6% (1)	0.0% (0)	53.6% (15)
Denver Health: Best Babies	149	0.7% (1)	0.7% (1)	87.9% (131)	2.0% (3)	0.0% (0)	5.4% (8)	0.0% (0)	2.7% (4)	22.8% (34)	0.0% (0)	0.0% (0)	79.4% (27)	2.9% (1)	0.0% (0)	11.8% (4)	0.0% (0)	5.9% (2)
El Paso County DHE	405	33.1% (134)	30.6% (124)	13.1% (53)	1.5% (6)	0.7% (3)	0.0% (0)	0.0% (0)	11.6% (47)	26.7% (108)	10.2% (11)	26.9% (29)	18.5% (20)	2.8% (3)	2.8% (3)	0.0% (0)	0.0% (0)	20.4% (22)
Family Visitor Program	44	4.5% (2)	2.3% (1)	75.0% (33)	2.3% (1)	0.0% (0)	2.3% (1)	0.0% (0)	4.5% (2)	100.0% (44)	4.5% (2)	2.3% (1)	75.0% (33)	2.3% (1)	0.0% (0)	2.3% (1)	0.0% (0)	4.5% (2)
Jefferson County DHE	637	36.6% (233)	2.0% (13)	32.3% (206)	0.0% (0)	2.5% (16)	0.3% (2)	23.5% (150)	2.5% (16)	10.2% (65)	26.2% (17)	3.1% (2)	29.2% (19)	0.0% (0)	6.2% (4)	0.0% (0)	21.5% (14)	13.8% (9)
Larimer County DHE	165	1.2% (2)	21.8% (36)	47.9% (79)	4.2% (7)	2.4% (4)	2.4% (4)	7.9% (13)	1.2% (2)	30.3% (50)	0.0% (0)	28.0% (14)	46.0% (23)	8.0% (4)	4.0% (2)	2.0% (1)	10.0% (5)	0.0% (0)
Mesa County HD	230	27.0% (62)	0.0% (0)	0.4% (1)	0.0% (0)	0.4% (1)	8.7% (20)	1.7% (4)	61.7% (142)	23.0% (53)	41.5% (22)	0.0% (0)	0.0% (0)	0.0% (0)	1.9% (1)	9.4% (5)	3.8% (2)	43.4% (23)
Montrose County HHS	80	37.5% (30)	8.8% (7)	7.5% (6)	1.3% (1)	2.5% (2)	1.3% (1)	32.5% (26)	8.8% (7)	15.0% (12)	25.0% (3)	16.7% (2)	0.0% (0)	0.0% (0)	8.3% (1)	0.0% (0)	41.7% (5)	8.3% (1)
Northeast CO HD	44	18.2% (8)	6.8% (3)	36.4% (16)	13.6% (6)	0.0% (0)	4.5% (2)	0.0% (0)	9.1% (4)	63.6% (28)	7.1% (2)	0.0% (0)	42.9% (12)	21.4% (6)	0.0% (0)	3.6% (1)	0.0% (0)	7.1% (2)
Northwest CO VNA	49	6.1% (3)	46.9% (23)	10.2% (5)	2.0% (1)	0.0% (0)	2.0% (1)	0.0% (0)	14.3% (7)	34.7% (17)	0.0% (0)	47.1% (8)	5.9% (1)	5.9% (1)	0.0% (0)	5.9% (1)	0.0% (0)	11.8% (2)
Prowers County PHN	37	40.5% (15)	0.0% (0)	24.3% (9)	10.8% (4)	5.4% (2)	0.0% (0)	0.0% (0)	18.9% (7)	48.6% (18)	50.0% (9)	0.0% (0)	11.1% (2)	11.1% (2)	5.6% (1)	0.0% (0)	0.0% (0)	22.2% (4)
Pueblo Community Health	39	0.0% (0)	5.1% (2)	74.4% (29)	2.6% (1)	5.1% (2)	2.6% (1)	0.0% (0)	10.3% (4)	41.0% (16)	0.0% (0)	12.5% (2)	62.5% (10)	6.3% (1)	12.5% (2)	0.0% (0)	0.0% (0)	6.3% (1)
San Juan Basin HD	105	4.8% (5)	1.0% (1)	75.2% (79)	1.0% (1)	1.9% (2)	1.0% (1)	6.7% (7)	8.6% (9)	42.9% (45)	4.4% (2)	0.0% (0)	77.8% (35)	2.2% (1)	2.2% (1)	2.2% (1)	8.9% (4)	2.2% (1)
St. Anthony Hospital - Co	67	0.0% (0)	9.0% (6)	55.2% (37)	9.0% (6)	3.0% (2)	10.4% (7)	4.5% (3)	9.0% (6)	43.3% (29)	0.0% (0)	0.0% (0)	58.6% (17)	10.3% (3)	3.4% (1)	13.8% (4)	0.0% (0)	13.8% (4)
Summit County PHN	67	7.5% (5)	0.0% (0)	6.0% (4)	0.0% (0)	3.0% (2)	0.0% (0)	0.0% (0)	83.6% (56)	64.2% (43)	4.7% (2)	0.0% (0)	9.3% (4)	0.0% (0)	2.3% (1)	0.0% (0)	0.0% (0)	83.7% (36)
Tri - County HD	1160	71.6% (830)	2.4% (28)	0.4% (5)	0.1% (1)	0.1% (1)	3.3% (38)	22.1% (256)	0.1% (1)	5.9% (69)	52.2% (36)	11.6% (8)	2.9% (2)	1.4% (1)	1.4% (1)	18.8% (13)	11.6% (8)	0.0% (0)
Valley Wide Health	119	26.1% (31)	26.9% (32)	14.3% (17)	8.4% (10)	5.0% (6)	7.6% (9)	0.0% (0)	11.8% (14)	46.2% (55)	20.0% (11)	20.0% (11)	14.5% (8)	18.2% (10)	9.1% (5)	3.6% (2)	0.0% (0)	14.5% (8)
Weld County DHE	112	0.0% (0)	0.0% (0)	76.8% (86)	10.7% (12)	3.6% (4)	1.8% (2)	0.9% (1)	6.3% (7)	7.1% (8)	0.0% (0)	0.0% (0)	50.0% (4)	12.5% (1)	25.0% (2)	0.0% (0)	12.5% (1)	0.0% (0)

**Table 4: Source of Referral to NFP and Enrollment**

Local NFP	Referral to NFP by Source ‡									Referral Enrolled by Source ‡								
	Total (N)	1	2	3	4	5	6	7	8	%(n) Total †	1	2	3	4	5	6	7	8
State Total	3678	38.0% (1397)	7.5% (277)	22.3% (819)	1.6% (60)	1.3% (47)	2.7% (100)	12.5% (460)	12.0% (442)	19.6% (722)	17.0% (123)	10.7% (77)	30.9% (223)	4.8% (35)	3.5% (25)	4.7% (34)	5.4% (39)	18.3% (132)
National NFP	14247	18.2% (2591)	13.9% (1985)	34.4% (4900)	4.5% (641)	2.1% (295)	5.5% (786)	3.9% (552)	12.1% (1725)	28.5% (4061)	13.6% (552)	8.2% (334)	38.0% (1544)	8.9% (361)	4.5% (184)	2.9% (118)	1.7% (68)	14.8% (601)

All numbers in this table were based on cumulative data from October 1, 2006 (when NFP introduced new data collection forms) through the end of the quarter.

%(n): n = frequency

‡ Referral Source Code:

1 = WIC

2 = Pregnancy Testing Clinic

3 = Health Care Provider / Clinic

4 = School

5 = Current Client

6 = Other Home Visiting Program

7 = Medicaid

8 = Other (including other human service agency)

Referrals without code selected were put in the "other" category

† Percent of clients enrolled = n/N (n = frequency, N = total in the second column of this table)



**Table 5: Gestational Age in Weeks at Intake**

Local NFP	Gestational Weeks at intake Median(Range)	%(n) Enrolled by 16 weeks	%(n) Enrolled by 28 weeks
Boulder County Public Health	20 (2-39)	34.0% (99)	75.9% (221)
Denver Health: Best Babies	20 (4-37)	35.1% (197)	90.0% (505)
El Paso County DHE	18 (6-40)	46.5% (283)	84.1% (512)
Family Visitor Program	19 (5-38)	36.7% (97)	83.7% (221)
Jefferson County DHE	16 (3-39)	54.5% (342)	94.3% (592)
Larimer County DHE	15 (5-36)	59.9% (340)	94.2% (535)
Mesa County HD	15 (1-40)	58.2% (349)	90.7% (544)
Montrose County HHS	19 (5-40)	42.6% (133)	80.8% (252)
Northeast CO HD	21 (3-40)	28.6% (46)	78.9% (127)
Northwest CO VNA	17 (0-40)	45.4% (84)	85.4% (158)
Prowers County PHN	16 (5-39)	51.2% (106)	93.7% (194)
Pueblo Community Health	16 (5-40)	50.4% (208)	87.4% (361)
San Juan Basin HD	18 (5-40)	43.8% (242)	85.7% (474)
St. Anthony Hospital - Co	22 (8-39)	23.6% (34)	83.3% (120)
Summit County PHN	18 (4-40)	42.4% (165)	83.5% (325)
Tri - County HD	20 (1-40)	35.7% (234)	86.1% (564)
Valley Wide Health	20 (3-40)	36.7% (132)	76.4% (275)
Weld County DHE	17 (2-40)	46.1% (184)	85.2% (340)
State Total	18 (0-40)	44.9% (3275)	86.6% (6320)
National NFP	18 (0-41)	42.1% (28008)	91.6% (61011)
NFP Objective		60% or greater	100%

All numbers in this table were based on cumulative data from program initiation through the end of the quarter.

%(n): n = frequency

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**Table 6: Attrition during pregnancy**

Local NFP	% (n) Total Attrition during Pregnancy	% (n) Miscarriage /Fetal Death	% (n) Moved out of area	% (n) Unable to locate	% (n) Excessive missed visits	% (n) Client Death	% (n) Unable to serve	% (n) Declined Participation (prior to 10/1/2006)	Declined Further Participation †										% (n) No Visits for 180+ days	
									% (n) Total ‡	% (n) 1	% (n) 2	% (n) 3	% (n) 4	% (n) 5	% (n) 6	% (n) 7	% (n) 8	% (n) 9		
Boulder County Public Health	8.6% (24)	0.0% (0)	3.9% (11)	0.7% (2)	0.7% (2)	0.0% (0)	0.7% (2)	1.8% (5)	0.4% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	100% (1)	0.4% (1)
Denver Health: Best Babies	15.3% (87)	1.9% (11)	2.5% (14)	1.8% (10)	2.6% (15)	0.0% (0)	0.7% (4)	5.6% (32)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.2% (1)
El Paso County DHE	18.4% (106)	3.3% (19)	4.7% (27)	4.3% (25)	1.2% (7)	0.0% (0)	0.2% (1)	3.5% (20)	1.2% (7)	42.9% (3)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	14.3% (1)	0.0% (0)	14.3% (1)	0.0% (0)	28.6% (2)	0.0% (0)
Family Visitor Program	9.6% (24)	0.4% (1)	5.2% (13)	0.8% (2)	0.4% (1)	0.0% (0)	0.0% (0)	2.0% (5)	0.8% (2)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	50.0% (1)	50.0% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Jefferson County DHE	17.5% (108)	2.4% (15)	5.5% (34)	4.9% (30)	0.8% (5)	0.0% (0)	0.2% (1)	3.4% (21)	0.3% (2)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	100% (2)	0.0% (0)
Larimer County DHE	16.1% (87)	3.7% (20)	5.9% (32)	0.9% (5)	0.0% (0)	0.0% (0)	1.7% (9)	3.7% (20)	0.2% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	100% (1)	0.0% (0)
Mesa County HD	21.0% (120)	3.3% (19)	8.9% (51)	2.8% (16)	1.1% (6)	0.0% (0)	0.2% (1)	4.7% (27)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Montrose County HHS	16.2% (55)	1.8% (6)	8.0% (27)	1.2% (4)	0.9% (3)	0.0% (0)	0.0% (0)	4.1% (14)	0.3% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	100% (1)	0.0% (0)
Northeast CO HD	7.2% (12)	0.6% (1)	2.4% (4)	1.8% (3)	0.0% (0)	0.0% (0)	0.0% (0)	1.2% (2)	0.6% (1)	100% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.6% (1)
Northwest CO VNA	10.6% (19)	1.7% (3)	3.9% (7)	1.7% (3)	0.6% (1)	0.0% (0)	0.0% (0)	1.7% (3)	0.6% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	100% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.6% (1)
Prowers County PHN	13.2% (26)	1.0% (2)	8.1% (16)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	3.0% (6)	0.5% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	100% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.5% (1)
Pueblo Community Health	15.0% (61)	2.5% (10)	5.4% (22)	1.0% (4)	0.2% (1)	0.0% (0)	0.0% (0)	5.1% (21)	0.5% (2)	0.0% (0)	0.0% (0)	0.0% (0)	50.0% (1)	0.0% (0)	0.0% (0)	50.0% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.2% (1)
San Juan Basin HD	15.8% (86)	2.4% (13)	5.0% (27)	2.0% (11)	1.3% (7)	0.0% (0)	0.0% (0)	5.0% (27)	0.2% (1)	0.0% (0)	0.0% (0)	0.0% (0)	100% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
St. Anthony Hospital - Co	11.3% (17)	0.0% (0)	2.6% (4)	2.0% (3)	0.0% (0)	0.0% (0)	0.7% (1)	4.0% (6)	2.0% (3)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	66.7% (2)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	33.3% (1)	0.0% (0)
Summit County PHN	13.5% (52)	1.6% (6)	5.2% (20)	2.1% (8)	1.0% (4)	0.0% (0)	0.3% (1)	3.1% (12)	0.3% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	100% (1)	0.0% (0)
Tri - County HD	11.7% (74)	2.1% (13)	2.8% (18)	2.4% (15)	0.2% (1)	0.0% (0)	0.0% (0)	4.0% (25)	0.3% (2)	50.0% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	50.0% (1)	0.0% (0)
Valley Wide Health	7.2% (25)	3.2% (11)	3.4% (12)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.6% (2)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
NFP Objective	10% or less																			

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**Table 6: Attrition during pregnancy**

	% (n) Total Attrition during Pregnancy	% (n) Miscarriage /Fetal Death	% (n) Moved out of area	% (n) Unable to locate	% (n) Excessive missed visits	% (n) Client Death	% (n) Unable to serve	% (n) Declined Participation <sup>f</sup> (prior to 10/1/2006)	Declined Further Participation <sup>†</sup>									% (n) No Visits for 180+ days		
									% (n) Total ‡	% (n) 1	% (n) 2	% (n) 3	% (n) 4	% (n) 5	% (n) 6	% (n) 7	% (n) 8		% (n) 9	
Local NFP																				
Weld County DHE	8.2% (31)	0.8% (3)	3.4% (13)	1.1% (4)	0.3% (1)	0.0% (0)	0.0% (0)	2.1% (8)	0.5% (2)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	100% (1)	0.0% (0)	0.0% (0)	0.0% (0)
State Total	14.2% (1014)	2.1% (153)	4.9% (352)	2.0% (145)	0.8% (54)	0.0% (0)	0.3% (20)	3.6% (256)	0.4% (28)	18.5% (5)	0.0% (0)	0.0% (0)	7.4% (2)	11.1% (3)	7.4% (2)	18.5% (5)	0.0% (0)	37.0% (10)	0.1% (6)	
National NFP	15.3% (9795)	1.9% (1213)	2.9% (1883)	2.4% (1518)	2.0% (1285)	0.0% (7)	0.2% (134)	4.4% (2820)	0.2% (156)	14.5% (22)	4.6% (7)	4.6% (7)	10.5% (16)	9.9% (15)	3.9% (6)	14.5% (22)	0.7% (1)	36.8% (56)	1.2% (771)	
NFP Objective	10% or less																			

Agencies with less than 20 clients who have or should have completed the pregnancy phase will not be included in the analyses.

However, state totals include every agency in the state.

All numbers in this table were based on cumulative data from program initiation through the end of the quarter.

% (n): n = frequency

<sup>f</sup> This column only contains data through October 1, 2006.

<sup>†</sup> Codes for categories added under "Declined Further Participation" (Data collection began Oct. 1, 2006)

1=Returned to Work

2=Returned to School

3=Receiving services from another program

4=Pressure from family members

5=Refused new nurse

6=Dissatisfied with program

7=Client states she received what she needs from program

8=Client incarcerated/out of home placement

9=Other

<sup>‡</sup> The total of the 9 reasons noted under "Declined Further Participation"

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**Table 7: Attrition during infancy**

Local NFP	% (n) Total Attrition during Infancy	% (n) Infant Death	% (n) Moved out of area	% (n) Unable to locate	% (n) Excessive missed visits	% (n) Parental rights severed	% (n) Client Death	% (n) Unable to serve	% (n) Declined Participation f (prior to 10/1/2006)	Declined Further Participation †									% (n) No Visits for 180+ days		
										% (n) Total ‡	% (n) 1	% (n) 2	% (n) 3	% (n) 4	% (n) 5	% (n) 6	% (n) 7	% (n) 8		% (n) 9	
Boulder County Public Health	37.6% (89)	0.8% (2)	20.3% (48)	3.8% (9)	0.8% (2)	2.1% (5)	0.0% (0)	1.3% (3)	8.4% (20)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Denver Health: Best Babies	36.3% (179)	0.2% (1)	7.5% (37)	7.7% (38)	6.5% (32)	0.2% (1)	0.0% (0)	1.8% (9)	12.2% (60)	0.2% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	100% (1)	0.0% (0)	0.0% (0)	0.0% (0)	
El Paso County DHE	31.9% (124)	0.0% (0)	9.8% (38)	9.0% (35)	3.6% (14)	0.5% (2)	0.0% (0)	0.5% (2)	7.7% (30)	0.5% (2)	50.0% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	50.0% (1)	0.3% (1)	
Family Visitor Program	34.6% (64)	0.0% (0)	13.0% (24)	8.1% (15)	1.6% (3)	0.0% (0)	0.0% (0)	4.9% (9)	6.5% (12)	0.5% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	100% (1)	0.0% (0)	0.0% (0)	0.0% (0)	
Jefferson County DHE	32.2% (165)	0.2% (1)	12.7% (65)	10.9% (56)	1.6% (8)	0.2% (1)	0.2% (1)	0.0% (0)	5.5% (28)	0.6% (3)	66.7% (2)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	33.3% (1)	0.0% (0)	0.0% (0)	0.4% (2)	
Larimer County DHE	26.6% (126)	0.4% (2)	12.5% (59)	1.3% (6)	1.7% (8)	1.3% (6)	0.0% (0)	1.3% (6)	7.2% (34)	0.8% (4)	25.0% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	75.0% (3)	0.0% (0)	0.0% (0)	0.2% (1)	
Mesa County HD	33.1% (158)	0.2% (1)	16.6% (79)	3.4% (16)	2.7% (13)	0.6% (3)	0.0% (0)	0.0% (0)	8.6% (41)	0.8% (4)	25.0% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	75.0% (3)	0.0% (0)	0.0% (0)	0.2% (1)	
Montrose County HHS	39.1% (111)	0.0% (0)	20.8% (59)	2.8% (8)	3.2% (9)	0.0% (0)	0.0% (0)	0.7% (2)	10.2% (29)	1.4% (4)	100% (4)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	
Northeast CO HD	47.5% (67)	1.4% (2)	15.6% (22)	8.5% (12)	7.1% (10)	0.7% (1)	0.0% (0)	0.0% (0)	10.6% (15)	0.7% (1)	100% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	2.8% (4)	
Northwest CO VNA	33.6% (50)	0.0% (0)	22.8% (34)	1.3% (2)	4.0% (6)	0.0% (0)	0.0% (0)	0.0% (0)	4.7% (7)	0.7% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	100% (1)	0.0% (0)	0.0% (0)	0.0% (0)	
Prowers County PHN	28.7% (45)	0.0% (0)	17.2% (27)	0.6% (1)	1.3% (2)	0.6% (1)	0.6% (1)	0.0% (0)	8.3% (13)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	
Pueblo Community Health	29.1% (100)	0.0% (0)	8.1% (28)	5.2% (18)	4.1% (14)	1.5% (5)	0.0% (0)	0.0% (0)	9.3% (32)	0.9% (3)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	33.3% (1)	33.3% (1)	0.0% (0)	33.3% (1)	0.0% (0)	
San Juan Basin HD	35.8% (167)	0.4% (2)	16.1% (75)	2.6% (12)	3.6% (17)	0.6% (3)	0.2% (1)	0.2% (1)	11.6% (54)	0.4% (2)	50.0% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	50.0% (1)	0.0% (0)	0.0% (0)	0.0% (0)	
St. Anthony Hospital - Co	42.3% (30)	0.0% (0)	8.5% (6)	8.5% (6)	5.6% (4)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	19.7% (14)	21.4% (3)	7.1% (1)	0.0% (0)	0.0% (0)	57.1% (8)	0.0% (0)	7.1% (1)	7.1% (1)	0.0% (0)	0.0% (0)	
Summit County PHN	33.8% (112)	0.6% (2)	20.8% (69)	3.3% (11)	3.0% (10)	0.3% (1)	0.0% (0)	0.0% (0)	5.4% (18)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.3% (1)	
Tri - County HD	31.8% (180)	0.0% (0)	9.2% (52)	11.0% (62)	0.5% (3)	0.5% (3)	0.0% (0)	0.0% (0)	9.9% (56)	0.7% (4)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	25.0% (1)	0.0% (0)	0.0% (0)	0.0% (0)	75.0% (3)	0.0% (0)	
Valley Wide Health	20.8% (60)	0.3% (1)	9.0% (26)	5.2% (15)	0.3% (1)	0.3% (1)	0.0% (0)	0.0% (0)	5.2% (15)	0.3% (1)	100% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	
NFP Objective	20% or less																				

**Table 7: Attrition during infancy**

Local NFP	% (n) Total Attrition during Infancy	% (n) Infant Death	% (n) Moved out of area	% (n) Unable to locate	% (n) Excessive missed visits	% (n) Parental rights severed	% (n) Client Death	% (n) Unable to serve	% (n) Declined Participation <sup>f</sup> (prior to 10/1/2006)	Declined Further Participation <sup>†</sup>									% (n) No Visits for 180+ days	
										% (n) Total ‡	% (n) 1	% (n) 2	% (n) 3	% (n) 4	% (n) 5	% (n) 6	% (n) 7	% (n) 8		% (n) 9
Weld County DHE	32.3% (103)	0.0% (0)	12.9% (41)	6.0% (19)	2.8% (9)	0.0% (0)	0.0% (0)	0.6% (2)	9.4% (30)	0.6% (2)	100% (2)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
State Total	32.8% (1930)	0.2% (14)	13.4% (789)	5.8% (341)	2.8% (165)	0.6% (33)	0.1% (3)	0.6% (34)	8.4% (494)	0.8% (47)	36.2% (17)	2.1% (1)	0.0% (0)	0.0% (0)	19.1% (9)	2.1% (1)	27.7% (13)	2.1% (1)	10.6% (5)	0.2% (10)
National NFP	31.1% (16974)	0.3% (176)	6.9% (3745)	5.8% (3179)	4.9% (2651)	0.5% (283)	0.0% (16)	0.5% (265)	9.8% (5342)	0.4% (193)	25.4% (49)	8.3% (16)	1.6% (3)	2.1% (4)	26.4% (51)	1.6% (3)	21.8% (42)	1.0% (2)	11.9% (23)	2.1% (1124)
NFP Objective	20% or less																			

Agencies with less than 20 clients who have or should have completed the infancy phase will not be included in the analyses.

However, state totals include every agency in the state.

All numbers in this table were based on cumulative data from program initiation through the end of the quarter.

% (n): n = frequency

<sup>f</sup> This column only contains data through October 1, 2006.

<sup>†</sup> Codes for categories added under "Declined Further Participation" (Data collection began Oct. 1, 2006)

1=Returned to Work

2=Returned to School

3=Receiving services from another program

4=Pressure from family members

5=Refused new nurse

6=Dissatisfied with program

7=Client states she received what she needs from program

8=Client incarcerated/out of home placement

9=Other

<sup>‡</sup> The total of the 9 reasons noted under "Declined Further Participation"

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**Table 8: Attrition during toddlerhood**

Local NFP	% (n) Total Attrition during Toddlerhood	% (n) Toddler Death	% (n) Moved out of area	% (n) Unable to locate	% (n) Excessive missed visits	% (n) Parental rights severed	% (n) Client Death	% (n) Unable to serve	% (n) Declined Participation (prior to 10/1/2006)	Declined Further Participation †									% (n) No Visits for 180+ days	% (n) Cumulative Attrition		
										% (n) Total ‡	% (n) 1	% (n) 2	% (n) 3	% (n) 4	% (n) 5	% (n) 6	% (n) 7	% (n) 8			% (n) 9	
Boulder County Public Health	12.7% (21)	0.0% (0)	4.8% (8)	0.6% (1)	0.0% (0)	0.6% (1)	0.0% (0)	0.0% (0)	6.7% (11)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	64.2% (106)
Denver Health: Best Babies	13.5% (57)	0.0% (0)	2.4% (10)	3.1% (13)	2.4% (10)	0.5% (2)	0.0% (0)	0.5% (2)	4.7% (20)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	66.0% (279)
El Paso County DHE	20.4% (59)	0.0% (0)	5.5% (16)	5.5% (16)	3.5% (10)	0.3% (1)	0.0% (0)	0.0% (0)	4.8% (14)	0.3% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	100% (1)	0.3% (1)	66.8% (193)	
Family Visitor Program	22.2% (30)	0.0% (0)	6.7% (9)	5.2% (7)	1.5% (2)	0.0% (0)	0.7% (1)	2.2% (3)	5.9% (8)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	70.4% (95)
Jefferson County DHE	11.8% (47)	0.0% (0)	4.0% (16)	5.0% (20)	1.0% (4)	0.5% (2)	0.0% (0)	0.0% (0)	1.0% (4)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.3% (1)	61.5% (244)	
Larimer County DHE	10.8% (36)	0.3% (1)	6.6% (22)	1.5% (5)	0.3% (1)	0.3% (1)	0.0% (0)	0.0% (0)	1.2% (4)	0.3% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	100% (1)	0.3% (1)	56.9% (190)	
Mesa County HD	19.7% (62)	0.0% (0)	11.4% (36)	2.2% (7)	0.6% (2)	0.6% (2)	0.0% (0)	0.0% (0)	4.1% (13)	0.3% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	100% (1)	0.3% (1)	70.8% (223)	
Montrose County HHS	19.4% (45)	0.0% (0)	6.9% (16)	3.0% (7)	3.9% (9)	0.9% (2)	0.0% (0)	1.3% (3)	3.4% (8)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	75.0% (174)	
Northeast CO HD	28.3% (26)	0.0% (0)	9.8% (9)	5.4% (5)	6.5% (6)	0.0% (0)	0.0% (0)	0.0% (0)	4.3% (4)	1.1% (1)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	100% (1)	0.0% (0)	0.0% (0)	1.1% (1)	81.5% (75)	
Northwest CO VNA	11.2% (14)	0.0% (0)	4.8% (6)	0.8% (1)	0.0% (0)	0.8% (1)	0.0% (0)	0.0% (0)	4.0% (5)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.8% (1)	57.6% (72)	
Prowers County PHN	15.9% (21)	0.0% (0)	10.6% (14)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	5.3% (7)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	53.0% (70)
Pueblo Community Health	11.2% (31)	0.0% (0)	2.5% (7)	2.9% (8)	1.1% (3)	1.1% (3)	0.0% (0)	0.4% (1)	2.5% (7)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.7% (2)	56.0% (155)	
San Juan Basin HD	15.8% (61)	0.0% (0)	7.8% (30)	1.8% (7)	1.0% (4)	0.5% (2)	0.0% (0)	0.0% (0)	4.1% (16)	0.5% (2)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	100% (2)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	66.4% (257)
Summit County PHN	15.6% (42)	0.0% (0)	8.2% (22)	1.5% (4)	2.2% (6)	0.4% (1)	0.0% (0)	0.0% (0)	3.3% (9)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	63.2% (170)
Tri - County HD	21.6% (91)	0.0% (0)	6.4% (27)	7.3% (31)	1.2% (5)	0.7% (3)	0.0% (0)	0.0% (0)	5.9% (25)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	63.7% (269)
NFP Objective	10% or less																					

**Table 8: Attrition during toddlerhood**

Local NFP	% (n) Total Attrition during Toddlerhood	% (n) Toddler Death	% (n) Moved out of area	% (n) Unable to locate	% (n) Excessive missed visits	% (n) Parental rights severed	% (n) Client Death	% (n) Unable to serve	% (n) Declined Participation f (prior to 10/1/2006)	Declined Further Participation †									% (n) No Visits for 180+ days	% (n) Cumulative Attrition		
										% (n) Total ‡	% (n) 1	% (n) 2	% (n) 3	% (n) 4	% (n) 5	% (n) 6	% (n) 7	% (n) 8			% (n) 9	
Valley Wide Health	20.3% (45)	0.0% (0)	8.1% (18)	9.5% (21)	0.5% (1)	0.5% (1)	0.0% (0)	0.0% (0)	1.8% (4)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	48.2% (107)
Weld County DHE	17.9% (40)	0.0% (0)	8.1% (18)	5.4% (12)	0.4% (1)	0.0% (0)	0.0% (0)	0.0% (0)	4.0% (9)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	57.8% (129)
State Total	16.4% (730)	0.0% (1)	6.4% (285)	3.7% (166)	1.4% (64)	0.5% (22)	0.0% (1)	0.2% (9)	3.8% (168)	0.1% (6)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	50.0% (3)	0.0% (0)	50.0% (3)	0.2% (8)	63.1% (2810)		
National NFP	15.5% (7060)	0.1% (24)	3.0% (1377)	3.1% (1417)	2.7% (1209)	0.3% (144)	0.0% (7)	0.3% (136)	4.9% (2254)	0.1% (56)	41.1% (23)	1.8% (1)	0.0% (0)	3.6% (2)	12.5% (7)	0.0% (0)	21.4% (12)	1.8% (1)	17.9% (10)	1.0% (436)	60.4% (27523)	
NFP Objective	10% or less																					

Agencies with less than 20 clients who have or should have completed the toddler phase will not be included in the analyses. However, state totals include every agency in the state.

All numbers in this table were based on cumulative data from program initiation through the end of the quarter.

% (n): n = frequency

f This column only contains data through October 1, 2006.

† Codes for categories added under "Declined Further Participation" (Data collection began Oct. 1, 2006)

1=Returned to Work

2=Returned to School

3=Receiving services from another program

4=Pressure from family members

5=Refused new nurse

6=Dissatisfied with program

7=Client states she received what she needs from program

8=Client incarcerated/out of home placement

9=Other

‡ The total of the 9 reasons noted under "Declined Further Participation"

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**Table 9: Frequency and Duration of Visits during Pregnancy**

	Number of Clients Who Have (or should have) Completed Pregnancy		Mean Number of Completed Visits		Mean Visit Time (Minutes)		Mean Percent of Completed/Expected Visits ‡	
	N Total clients f	N Pregnancy Completers †	Total clients Mean(Range)	Pregnancy Completers Mean(Range)	Total clients Mean(Range)	Pregnancy Completers Mean(Range)	% Total clients	% Pregnancy Completers
Local NFP								
Boulder County Public Health	280	256	8.3 (0-23)	8.6 (0-23)	64 (38-113)	64 (38-113)	88%	93%
Denver Health: Best Babies	567	480	8.8 (0-26)	9.7 (0-26)	74 (20-167)	76 (35-167)	83%	92%
El Paso County DHE	577	471	7.7 (0-21)	8.6 (0-21)	76 (35-143)	75 (44-143)	74%	82%
Family Visitor Program	249	225	8.4 (0-18)	8.8 (0-18)	82 (42-207)	83 (42-207)	81%	86%
Jefferson County DHE	618	510	9.0 (0-21)	10.1 (0-21)	71 (41-115)	71 (46-115)	76%	85%
Larimer County DHE	541	454	9.6 (0-26)	10.5 (0-26)	76 (45-150)	76 (45-150)	79%	84%
Mesa County HD	571	451	9.4 (0-33)	10.7 (0-33)	75 (40-150)	75 (46-124)	78%	89%
Montrose County HHS	339	284	7.5 (0-20)	8.0 (0-20)	69 (29-146)	70 (29-146)	77%	85%
Northeast CO HD	167	155	6.9 (0-17)	7.1 (0-17)	64 (20-105)	63 (20-105)	76%	80%
Northwest CO VNA	179	160	7.9 (0-19)	8.5 (0-19)	72 (30-120)	72 (41-105)	73%	78%
Prowers County PHN	197	171	9.6 (0-16)	10.3 (0-16)	69 (47-91)	70 (47-91)	86%	90%
Pueblo Community Health	408	347	8.5 (0-29)	9.3 (0-29)	76 (24-210)	77 (38-210)	80%	87%
San Juan Basin HD	545	459	8.0 (0-18)	8.7 (0-18)	69 (39-180)	69 (39-117)	74%	81%
St. Anthony Hospital - Co	151	134	7.2 (0-17)	7.7 (0-17)	79 (30-120)	79 (30-120)	85%	93%
Summit County PHN	386	334	8.2 (0-19)	8.8 (0-19)	74 (15-150)	74 (15-150)	82%	90%
Tri - County HD	632	558	8.1 (0-23)	8.6 (0-23)	73 (38-135)	73 (38-135)	79%	85%
Valley Wide Health	348	323	8.8 (0-23)	9.0 (0-23)	72 (34-142)	72 (34-142)	92%	93%
Weld County DHE	380	349	9.4 (0-22)	9.8 (0-22)	73 (47-119)	73 (49-119)	86%	91%
State Total	7135	6121	8.5 (0-33)	9.2 (0-33)	73 (15-210)	73 (15-210)	80%	87%
National NFP	63870	54075	8.2 (0-46)	9.0 (0-46)	75 (15-1013)	75 (15-690)	74%	81%
NFP Objective					at least 60 minutes		80%	

Agencies with less than 20 clients who have or should have completed the pregnancy phase will not be included in the analyses.

However, state totals include every agency in the state.

All numbers in this table were based on cumulative data from program initiation through the end of the quarter.

f Total clients includes all clients who have completed the pregnancy phase of the program, or would have completed pregnancy by the end of the quarter if they had stayed in the program.

† Pregnancy completers refer to those who have completed the pregnancy phase in the program.

‡ The number of visits expected during pregnancy varies depending on the client's gestational weeks at enrollment and number of weeks elapsing before birth of the baby.

The goal for visits during pregnancy is 80% of expected visits. The following examples demonstrate how many visits were needed to meet the 80% goal for different scenarios.

- The client who enrolled at 16 weeks and delivered at 40 weeks would need 11 or more visits to achieve 80%.

- The client who enrolled at 23 weeks and delivered at 34 weeks would need 6 or more visits to achieve 80%.



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**Table 10: Frequency and Duration of Visits during Infancy**

	Number of Clients Who Have (or should have) Completed Infancy		Mean Number of Completed Visits		Mean Visit Time (Minutes)		Mean Percent of Completed/Expected Visits	
	N Total clients <sup>f</sup>	N Infancy Completers <sup>†</sup>	Total clients Mean(Range)	Infancy Completers Mean(Range)	Total clients Mean(Range)	Infancy Completers Mean(Range)	% Total clients	% Infancy Completers
Local NFP								
Boulder County Public Health	237	129	13.3 (0-33)	19.3 (2-33)	63 (30-132)	64 (38-132)	46%	66%
Denver Health: Best Babies	493	234	11.0 (0-48)	19.1 (0-48)	71 (30-120)	72 (38-116)	39%	66%
El Paso County DHE	389	201	10.6 (0-31)	17.3 (0-31)	69 (30-115)	70 (39-110)	37%	60%
Family Visitor Program	185	106	14.3 (0-30)	20.2 (8-30)	74 (30-122)	74 (53-102)	49%	70%
Jefferson County DHE	512	253	12.5 (0-34)	21.2 (1-34)	69 (15-123)	71 (47-100)	44%	73%
Larimer County DHE	473	266	13.4 (0-45)	20.0 (0-45)	72 (20-115)	73 (50-100)	48%	69%
Mesa County HD	477	224	12.7 (0-42)	21.5 (0-42)	72 (25-130)	72 (25-103)	46%	74%
Montrose County HHS	284	130	12.4 (0-31)	20.3 (5-31)	68 (30-120)	68 (45-104)	43%	70%
Northeast CO HD	141	64	9.4 (0-28)	15.6 (0-28)	63 (43-90)	63 (49-90)	33%	54%
Northwest CO VNA	149	85	13.5 (0-30)	19.8 (5-30)	69 (15-109)	69 (48-109)	48%	68%
Prowers County PHN	157	96	15.8 (0-34)	22.1 (0-34)	66 (30-95)	67 (51-81)	55%	76%
Pueblo Community Health	344	190	11.8 (0-47)	19.5 (0-47)	71 (15-104)	73 (40-104)	42%	67%
San Juan Basin HD	466	223	12.1 (0-29)	19.8 (3-29)	68 (35-108)	69 (44-108)	43%	68%
St. Anthony Hospital - Co	71	36	11.0 (0-28)	13.6 (0-28)	74 (43-105)	78 (55-105)	38%	47%
Summit County PHN	331	173	13.4 (0-32)	20.8 (0-32)	76 (30-174)	76 (57-134)	47%	72%
Tri - County HD	566	322	12.2 (0-37)	17.8 (0-37)	69 (30-108)	70 (37-101)	43%	61%
Valley Wide Health	288	205	15.1 (0-30)	19.8 (0-30)	72 (30-160)	72 (51-101)	54%	68%
Weld County DHE	319	193	15.2 (0-49)	21.5 (0-49)	74 (45-150)	73 (51-107)	53%	74%
State Total	5882	3130	12.7 (0-49)	19.7 (0-49)	70 (15-174)	71 (25-134)	45%	68%
National NFP	54658	29478	11.2 (0-144)	17.3 (0-144)	72 (5-780)	73 (15-252)	39%	60%
NFP Objective			17-18 (Target)	29 (Max)	at least 60 minutes		65% or greater	

Agencies with less than 20 clients who have or should have completed the infancy phase will not be included in the analyses.

However, state totals include every agency in the state.

All numbers in this table were based on cumulative data from program initiation through the end of the quarter.

<sup>f</sup> Total clients includes all clients who have completed the infancy phase of the program, or would have completed infancy by the end of the quarter if they had stayed in the program.

<sup>†</sup> Infancy completers refer to those who have completed the infancy phase in the program.

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**Table 11: Frequency and Duration of Visits during Toddlerhood**

	Number of Clients Who Have (or should have) Completed Toddler		Mean Number of Completed Visits		Mean Visit Time (Minutes)		Mean Percent of Completed/Expected Visits	
	N Total clients <sup>f</sup>	N Toddler Completers <sup>†</sup>	Total clients Mean(Range)	Toddler Completers Mean(Range)	Total clients Mean(Range)	Toddler Completers Mean(Range)	% Total clients	% Toddler Completers
Local NFP								
Boulder County Public Health	165	59	6.1 (0-27)	15.5 (5-27)	62 (42-85)	63 (47-85)	29%	74%
Denver Health: Best Babies	423	144	6.4 (0-46)	17.7 (4-46)	73 (30-102)	75 (41-102)	31%	84%
El Paso County DHE	289	96	5.0 (0-24)	13.7 (5-24)	69 (10-125)	71 (43-125)	25%	66%
Family Visitor Program	135	40	6.0 (0-21)	16.4 (8-21)	78 (45-124)	80 (48-100)	29%	78%
Jefferson County DHE	397	153	7.1 (0-30)	17.4 (5-30)	71 (38-104)	72 (48-104)	35%	83%
Larimer County DHE	334	144	6.8 (0-28)	14.5 (2-28)	71 (45-105)	71 (45-104)	34%	69%
Mesa County HD	315	92	5.6 (0-34)	16.8 (4-34)	73 (53-120)	72 (54-99)	28%	80%
Montrose County HHS	232	58	5.2 (0-24)	17.8 (5-24)	67 (40-120)	67 (49-90)	25%	85%
Northeast CO HD	92	17	3.4 (0-23)	15.2 (7-23)	64 (40-90)	65 (54-87)	16%	73%
Northwest CO VNA	125	53	7.5 (0-27)	16.4 (4-27)	70 (46-114)	70 (46-114)	36%	78%
Prowers County PHN	132	62	8.8 (0-24)	17.5 (10-24)	65 (30-78)	66 (52-78)	43%	83%
Pueblo Community Health	277	122	7.9 (0-52)	17.3 (2-52)	71 (15-205)	71 (23-106)	39%	82%
San Juan Basin HD	387	130	6.3 (0-24)	16.6 (5-24)	68 (44-120)	68 (44-93)	31%	79%
Summit County PHN	269	99	6.5 (0-28)	15.7 (6-28)	75 (49-145)	76 (59-145)	32%	75%
Tri - County HD	422	153	5.6 (0-30)	13.8 (1-30)	68 (15-120)	69 (48-105)	27%	66%
Valley Wide Health	222	115	8.7 (0-31)	16.1 (4-31)	70 (20-115)	71 (45-115)	43%	76%
Weld County DHE	223	94	8.6 (0-33)	18.8 (5-33)	74 (43-105)	76 (52-105)	41%	90%
State Total	4453	1643	6.6 (0-52)	16.2 (1-52)	71 (10-205)	71 (23-145)	32%	77%
National NFP	45574	18051	5.3 (0-195)	12.1 (0-195)	71 (0-780)	71 (20-408)	26%	58%
NFP Objective			12-13 (Target)	21 (Max)	at least 60 minutes		60% or greater	

Agencies with less than 20 clients who have or should have completed the toddler phase will not be included in the analyses.

However, state totals include every agency in the state.

All numbers in this table were based on cumulative data from program initiation through the end of the quarter.

<sup>f</sup> Total clients includes all clients who have completed the toddler phase of the program, or would have completed toddler by the end of the quarter if they had stayed in the program.

<sup>†</sup> Toddlerhood completers refer to those who have completed the toddlerhood phase in the program.

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**Table 12: Content of Home Visits and Client Engagement during Pregnancy**

Local NFP	Mean Percent of Time Spent on Each Topic Area					Engagement of Mother in the Home Visit*		
	Personal Health	Environmental Health	Life Course Development	Maternal Role	Friends & Family	Degree Involvement	Degree Conflict with Material	Degree Understanding of Material
Boulder County Public Health	36.6%	7.5%	14.0%	27.7%	14.2%	4.9	1.1	4.7
Denver Health: Best Babies	41.8%	7.8%	11.2%	26.9%	12.1%	4.8	1.0	4.6
El Paso County DHE	35.8%	8.5%	11.7%	29.4%	14.7%	4.7	1.1	4.5
Family Visitor Program	34.1%	7.7%	10.6%	33.7%	14.2%	4.9	1.0	4.8
Jefferson County DHE	34.4%	10.4%	13.7%	27.1%	14.3%	4.8	1.1	4.8
Larimer County DHE	34.5%	7.6%	13.4%	28.8%	15.6%	4.3	1.2	4.1
Mesa County HD	39.2%	8.4%	14.0%	25.9%	12.3%	4.9	1.0	4.9
Montrose County HHS	34.4%	7.7%	12.0%	29.0%	16.8%	4.7	1.1	4.4
Northeast CO HD	34.3%	7.1%	11.9%	33.5%	13.1%	4.9	1.0	5.0
Northwest CO VNA	38.3%	7.5%	12.3%	26.3%	15.5%	4.4	1.3	4.2
Prowers County PHN	41.7%	8.4%	11.4%	25.8%	12.6%	4.6	1.0	4.2
Pueblo Community Health	36.6%	7.9%	12.7%	29.6%	13.1%	4.8	1.0	4.6
San Juan Basin HD	37.4%	9.6%	12.6%	25.9%	14.4%	4.8	1.1	4.7
St. Anthony Hospital - Co	37.7%	6.9%	12.9%	25.0%	17.5%	4.4	1.1	4.2
Summit County PHN	39.4%	8.0%	10.8%	28.6%	12.9%	4.8	1.0	4.7
Tri - County HD	36.0%	8.3%	13.3%	25.2%	16.9%	4.7	1.1	4.4
Valley Wide Health	40.8%	9.1%	12.5%	24.0%	13.4%	4.7	1.0	4.6
Weld County DHE	39.2%	7.6%	12.7%	25.9%	14.5%	4.7	1.2	4.2
State Total	37.3%	8.3%	12.6%	27.4%	14.3%	4.7	1.1	4.6
National NFP	37.1%	10.5%	13.6%	23.9%	14.9%	4.7	1.1	4.4
NFP Objective	35-40%	5-7%	10-15%	23-25%	10-15%			

Agencies with less than 20 clients who have or should have completed the pregnancy phase will not be included in the analyses.

However, state totals include every agency in the state.

All numbers in this table were based on cumulative data from program initiation through the end of the quarter.

\* Engagement is rated on a scale from 1 (low) to 5 (high).

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**Table 13: Content of Home Visits and Client Engagement during Infancy**

Local NFP	Mean Percent of Time Spent on Each Topic Area					Engagement of Mother in the Home Visit*		
	Personal Health	Environmental Health	Life Course Development	Maternal Role	Friends & Family	Degree Involvement	Degree Conflict with Material	Degree Understanding of Material
Boulder County Public Health	20.1%	7.2%	16.6%	42.8%	13.3%	4.9	1.1	4.7
Denver Health: Best Babies	20.4%	8.4%	12.8%	45.3%	13.1%	4.7	1.0	4.6
El Paso County DHE	17.9%	9.4%	12.4%	47.5%	12.8%	4.6	1.1	4.5
Family Visitor Program	20.4%	8.4%	11.1%	47.0%	14.1%	4.9	1.0	4.9
Jefferson County DHE	20.9%	11.0%	13.5%	41.2%	13.4%	4.8	1.1	4.8
Larimer County DHE	18.2%	9.3%	14.0%	44.1%	14.4%	4.3	1.2	4.1
Mesa County HD	18.4%	9.6%	14.4%	46.1%	11.3%	4.9	1.0	5.0
Montrose County HHS	17.5%	8.5%	12.9%	46.3%	15.1%	4.6	1.2	4.4
Northeast CO HD	20.0%	8.4%	14.0%	43.5%	14.1%	4.9	1.0	5.0
Northwest CO VNA	21.1%	8.0%	12.7%	45.0%	13.0%	4.5	1.3	4.3
Prowers County PHN	18.5%	9.7%	13.7%	46.3%	11.8%	4.6	1.1	4.4
Pueblo Community Health	24.3%	6.7%	13.6%	43.4%	12.1%	4.7	1.0	4.7
San Juan Basin HD	19.2%	10.3%	13.3%	44.3%	12.9%	4.8	1.1	4.7
St. Anthony Hospital - Co	15.1%	9.3%	15.3%	44.5%	15.8%	4.3	1.1	4.3
Summit County PHN	19.4%	8.0%	10.6%	49.5%	12.3%	4.8	1.0	4.7
Tri - County HD	19.8%	8.8%	13.7%	42.2%	15.5%	4.7	1.1	4.4
Valley Wide Health	19.0%	11.1%	13.7%	43.4%	12.9%	4.8	1.0	4.7
Weld County DHE	22.5%	9.3%	12.3%	41.3%	14.5%	4.8	1.1	4.3
State Total	19.7%	9.1%	13.3%	44.5%	13.4%	4.7	1.1	4.6
National NFP	20.5%	12.0%	14.3%	38.8%	14.3%	4.7	1.1	4.5
NFP Objective	14-20%	7-10%	10-15%	45-50%	10-15%			

Agencies with less than 20 clients who have or should have completed the infancy phase will not be included in the analyses.

However, state totals include every agency in the state.

All numbers in this table were based on cumulative data from program initiation through the end of the quarter.

\* Engagement is rated on a scale from 1 (low) to 5 (high).

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**Table 14: Content of Home Visits and Client Engagement during Toddlerhood**

Local NFP	Mean Percent of Time Spent on Each Topic Area					Engagement of Mother in the Home Visit*		
	Personal Health	Environmental Health	Life Course Development	Maternal Role	Friends & Family	Degree Involvement	Degree Conflict with Material	Degree Understanding of Material
Boulder County Public Health	13.3%	8.6%	20.9%	43.1%	14.2%	4.9	1.0	4.8
Denver Health: Best Babies	14.7%	8.1%	14.7%	48.6%	13.8%	4.8	1.0	4.6
El Paso County DHE	12.1%	8.6%	14.9%	52.1%	12.4%	4.7	1.1	4.4
Family Visitor Program	17.4%	10.7%	16.6%	39.2%	17.6%	4.8	1.1	4.8
Jefferson County DHE	18.4%	12.5%	15.7%	39.3%	13.8%	4.9	1.0	4.9
Larimer County DHE	14.4%	11.1%	16.2%	43.1%	15.3%	4.2	1.2	4.1
Mesa County HD	14.0%	12.4%	17.6%	44.0%	12.1%	5.0	1.0	5.0
Montrose County HHS	13.5%	8.1%	15.1%	47.1%	16.3%	4.6	1.2	4.5
Northeast CO HD	16.3%	11.1%	18.8%	37.2%	16.6%	4.9	1.0	5.0
Northwest CO VNA	17.2%	8.6%	15.9%	45.2%	13.1%	4.6	1.3	4.4
Prowers County PHN	13.5%	10.8%	16.2%	47.9%	11.6%	4.4	1.1	4.3
Pueblo Community Health	21.8%	7.0%	17.1%	41.1%	13.1%	4.7	1.0	4.6
San Juan Basin HD	15.3%	11.8%	17.0%	42.2%	13.7%	4.8	1.0	4.8
Summit County PHN	14.2%	7.6%	15.4%	49.3%	13.5%	4.8	1.0	4.7
Tri - County HD	15.0%	10.2%	17.7%	39.7%	17.2%	4.6	1.1	4.3
Valley Wide Health	14.6%	11.8%	17.9%	41.9%	13.9%	4.7	1.0	4.7
Weld County DHE	19.8%	10.6%	14.7%	39.7%	15.2%	4.8	1.0	4.4
State Total	15.6%	10.1%	16.5%	43.6%	14.3%	4.7	1.1	4.6
National NFP	16.4%	13.2%	16.8%	39.0%	14.7%	4.7	1.1	4.5
NFP Objective	10-15%	7-10%	18-20%	40-45%	10-15%			

Agencies with less than 20 clients who have or should have completed the toddler phase will not be included in the analyses.

However, state totals include every agency in the state.

All numbers in this table were based on cumulative data from program initiation through the end of the quarter.

\* Engagement is rated on a scale from 1 (low) to 5 (high).

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**Table 15: Change in Maternal Smoking**

Local NFP	Pregnancy				1st Postpartum Year			
	Number of Clients †	%(n) at Intake	%(n) at 36 Weeks	% Relative Change ‡	Number of Clients †	%(n) at Intake	%(n) at 12 Months Child Age	% Relative Change ‡
Boulder County Public Health	217	12.9% (28)	9.7% (21)	-25*	105	11.4% (12)	11.4% (12)	0
Denver Health: Best Babies	376	6.6% (25)	5.3% (20)	-20	187	5.3% (10)	10.7% (20)	100*
El Paso County DHE	420	20.5% (86)	15.2% (64)	-26*	155	18.7% (29)	33.5% (52)	79*
Family Visitor Program	205	4.4% (9)	3.4% (7)	-22	†	†	†	†
Jefferson County DHE	461	18.9% (87)	13.9% (64)	-26*	218	20.2% (44)	24.8% (54)	23
Larimer County DHE	430	25.1% (108)	21.2% (91)	-16*	233	28.8% (67)	35.2% (82)	22*
Mesa County HD	421	17.1% (72)	12.4% (52)	-28*	178	16.3% (29)	24.2% (43)	48*
Montrose County HHS	205	13.2% (27)	14.1% (29)	7	95	9.5% (9)	22.1% (21)	133*
Northeast CO HD	105	16.2% (17)	11.4% (12)	-29*	41	14.6% (6)	22.0% (9)	50
Northwest CO VNA	133	20.3% (27)	17.3% (23)	-15	68	17.6% (12)	23.5% (16)	33
Prowers County PHN	158	12.7% (20)	10.8% (17)	-15	89	13.5% (12)	22.5% (20)	67*
Pueblo Community Health	297	17.2% (51)	14.5% (43)	-16	152	16.4% (25)	34.2% (52)	108*
San Juan Basin HD	416	18.5% (77)	14.4% (60)	-22*	192	20.3% (39)	24.5% (47)	21
St. Anthony Hospital - Co	105	8.6% (9)	5.7% (6)	-33	†	†	†	†
Summit County PHN	273	9.9% (27)	8.1% (22)	-19	149	9.4% (14)	11.4% (17)	21
Tri - County HD	438	13.7% (60)	11.0% (48)	-20*	227	14.5% (33)	24.2% (55)	67*
Valley Wide Health	279	5.7% (16)	4.7% (13)	-19	175	8.0% (14)	17.7% (31)	121*
Weld County DHE	284	7.7% (22)	6.7% (19)	-14	148	6.1% (9)	8.8% (13)	44
State Total	5223	14.7% (768)	11.7% (611)	-20*	2524	14.7% (370)	21.9% (553)	49*
National NFP	39336	16.2% (6371)	13.7% (5377)	-16*	13317	15.5% (2060)	24.1% (3206)	56*
NFP Objective				-20%				

All numbers in this table were based on cumulative data from program initiation through the end of the quarter.

%(n): n = frequency

\* Statistically significant at  $p < .05$

† Only those agencies with at least five clients smoking at both time points (intake and 36 weeks pregnancy, or intake and 12 months of child age) will have results for this outcome. However, overall Ns include every agency in the state.

‡ Relative change = (percent after - percent before)/percent before

**Table 16: Change in Maternal Alcohol Use**

Local NFP	Pregnancy				1st Postpartum Year			
	Number of Clients †	%(n) at Intake	%(n) at 36 Weeks	% Relative Change ‡	Number of Clients †	%(n) at Intake	%(n) at 12 Months Child Age	% Relative Change ‡
El Paso County DHE	420	3.3% (14)	1.7% (7)	-50				
Jefferson County DHE	461	2.2% (10)	3.9% (18)	80	218	3.2% (7)	29.8% (65)	829*
Larimer County DHE	430	2.1% (9)	1.4% (6)	-33	233	2.1% (5)	32.2% (75)	1400*
Northwest CO VNA					68	7.4% (5)	17.6% (12)	140*
San Juan Basin HD	416	4.1% (17)	2.2% (9)	-47	192	5.2% (10)	30.7% (59)	490*
Summit County PHN	273	2.9% (8)	4.4% (12)	50	149	4.7% (7)	28.2% (42)	500*
Tri - County HD	438	2.1% (9)	1.4% (6)	-33	227	3.5% (8)	23.8% (54)	575*
State Total	5212	2.1% (112)	1.6% (83)	-26*	2521	2.5% (64)	20.0% (503)	686*
National NFP	39040	1.3% (488)	0.9% (364)	-25*	13229	1.4% (179)	14.7% (1951)	990*

All numbers in this table were based on cumulative data from program initiation through the end of the quarter.

%(n): n = frequency

\* Statistically significant at p < .05

† Only those agencies with at least five clients using alcohol at both time points (intake and 36 weeks pregnancy, or intake and 12 months of child age) will have results for this outcome. However, overall Ns include every agency in the state.

‡ Relative change = (percent after - percent before)/percent before

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**Table 17a: Premature Birth by Race/Ethnicity**

Local NFP	Total Number of Births <sup>f</sup>	% (n) Total	Premature Birth by Race/Ethnicity					
			% (n)† Non-Hispanic White	% (n)† Hispanic	% (n)† African American/ Black	% (n)† Native American	% (n)† Asian	% (n)† Multiracial/ other
Boulder County Public Health	243	9.5% (23)	7.4% (7)	6.7% (8)	33.3% (1)		30.8% (4)	16.7% (1)
Denver Health: Best Babies	435	8.5% (37)	19.2% (5)	7.0% (22)	16.1% (9)		33.3% (1)	
El Paso County DHE	447	9.4% (42)	9.7% (19)	7.4% (11)	12.5% (6)		16.7% (1)	8.6% (3)
Family Visitor Program	218	8.3% (18)	2.5% (1)	9.4% (16)				
Jefferson County DHE	473	8.2% (39)	8.2% (19)	8.8% (15)		16.7% (2)	20.0% (2)	2.6% (1)
Larimer County DHE	438	9.6% (42)	8.2% (23)	10.0% (11)		25.0% (2)	25.0% (1)	11.1% (3)
Mesa County HD	425	6.4% (27)	6.0% (15)	5.3% (7)		11.1% (1)		11.1% (2)
Montrose County HHS	265	11.7% (31)	12.3% (17)	6.9% (6)		33.3% (1)	25.0% (1)	14.3% (2)
Northeast CO HD	131	14.5% (19)	10.9% (6)	11.3% (6)				
Northwest CO VNA	144	11.8% (17)	9.1% (7)	13.5% (7)			33.3% (1)	25.0% (1)
Prowers County PHN	161	10.6% (17)	12.5% (8)	11.0% (9)				
Pueblo Community Health	312	11.2% (35)	9.4% (8)	10.5% (20)	27.3% (3)	14.3% (1)	100.0% (1)	9.1% (1)
San Juan Basin HD	436	8.0% (35)	10.1% (24)	8.9% (11)				
St. Anthony Hospital - Co	107	7.5% (8)	11.8% (2)	4.3% (3)		100.0% (1)		25.0% (1)
Summit County PHN	319	9.1% (29)	7.6% (10)	11.5% (18)				7.7% (1)
Tri - County HD	483	10.4% (50)	10.6% (17)	9.0% (19)	10.3% (4)	14.3% (1)	16.7% (2)	18.5% (5)
Valley Wide Health	296	6.8% (20)	6.6% (4)	7.0% (15)				7.1% (1)
Weld County DHE	321	8.1% (26)	13.6% (9)	6.9% (16)		25.0% (1)		
State Total	5654	9.1% (515)	9.1% (201)	8.3% (220)	12.4% (23)	8.2% (10)	20.9% (14)	8.3% (22)
National NFP	47499	9.8% (4651)	9.4% (1998)	8.6% (939)	11.8% (1051)	9.0% (181)	9.8% (67)	10.1% (237)
NFP Objective		7.6%	8.6%	7.8%	11.0%	8.3%	8.0%	8.0%

All numbers in this table were based on cumulative data from program initiation through the end of the quarter.

% (n): n = frequency

<sup>f</sup> In the case of multiple births, one infant is selected randomly for the calculation of premature birth and low birth weight rate.

† Percentage of premature births for each race/ethnic group.



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**Table 17b: Premature Birth by Client Age at Infant Birth**

Local NFP	Total Number of Births <sup>f</sup>	% (n) Total	Premature Birth by Client Age at Infant Birth					
			% (n) <sup>‡</sup> < 15	% (n) <sup>‡</sup> 15-17	% (n) <sup>‡</sup> 18-19	% (n) <sup>‡</sup> 20-24	% (n) <sup>‡</sup> 25-29	% (n) <sup>‡</sup> ≥30
Boulder County Public Health	243	9.5% (23)		7.7% (1)		7.0% (9)	13.8% (8)	16.7% (5)
Denver Health: Best Babies	435	8.5% (37)	18.8% (3)	10.5% (20)	5.6% (7)	8.6% (7)		
El Paso County DHE	447	9.4% (42)	16.7% (1)	5.2% (6)	12.8% (16)	11.0% (17)		11.1% (2)
Family Visitor Program	218	8.3% (18)		5.3% (2)	9.1% (5)	9.6% (8)	11.1% (3)	
Jefferson County DHE	473	8.2% (39)	25.0% (1)	15.2% (12)	5.9% (8)	5.8% (10)	10.9% (6)	7.1% (2)
Larimer County DHE	438	9.6% (42)		11.2% (11)	4.3% (5)	11.2% (19)	13.9% (5)	16.7% (2)
Mesa County HD	425	6.4% (27)		4.5% (4)	8.5% (10)	6.4% (10)	7.5% (3)	
Montrose County HHS	265	11.7% (31)		13.0% (7)	10.6% (7)	12.1% (11)	14.7% (5)	7.1% (1)
Northeast CO HD	131	14.5% (19)		17.3% (9)	9.4% (3)	16.1% (5)	12.5% (1)	50.0% (1)
Northwest CO VNA	144	11.8% (17)		15.4% (2)	25.0% (8)	6.7% (4)		17.6% (3)
Prowers County PHN	161	10.6% (17)		7.5% (3)	14.9% (7)	10.4% (5)	13.3% (2)	
Pueblo Community Health	312	11.2% (35)	30.0% (3)	10.6% (12)	11.1% (10)	9.5% (8)		40.0% (2)
San Juan Basin HD	436	8.0% (35)	33.3% (1)	3.0% (2)	8.2% (8)	8.5% (17)	5.3% (2)	15.6% (5)
St. Anthony Hospital - Co	107	7.5% (8)	50.0% (1)	3.8% (1)	4.0% (1)	6.5% (2)	8.3% (1)	18.2% (2)
Summit County PHN	319	9.1% (29)		4.8% (2)	15.9% (7)	12.7% (13)	6.3% (4)	4.6% (3)
Tri - County HD	483	10.4% (50)	4.8% (1)	8.0% (10)	10.1% (13)	15.4% (23)	6.3% (3)	
Valley Wide Health	296	6.8% (20)		1.1% (1)	6.3% (5)	11.0% (11)	6.7% (1)	28.6% (2)
Weld County DHE	321	8.1% (26)	7.7% (1)	9.2% (13)	10.8% (9)	3.3% (2)	5.6% (1)	
<b>State Total</b>	<b>5654</b>	<b>9.1% (515)</b>	<b>11.2% (12)</b>	<b>8.5% (118)</b>	<b>9.2% (129)</b>	<b>9.5% (181)</b>	<b>8.3% (45)</b>	<b>9.8% (30)</b>
National NFP	47499	9.8% (4651)	13.2% (137)	9.6% (1132)	9.3% (1201)	9.4% (1497)	11.0% (429)	13.7% (247)
NFP Objective		7.6%						

All numbers in this table were based on cumulative data from program initiation through the end of the quarter.

% (n): n = frequency

<sup>f</sup> In the case of multiple births, one infant is selected randomly for the calculation of premature birth and low birth weight rate.

<sup>‡</sup> Percentage of premature births for each age group.

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**Table 18a: Low Birth Weight (LBW) Birth by Race/Ethnicity**

Local NFP	Total Number of Births <sup>f</sup>	% (n) Total	% (n) VLBW <sup>‡</sup>	Low Birth Weight by Race/Ethnicity					
				% (n) <sup>†</sup> Non-Hispanic White	% (n) <sup>†</sup> Hispanic	% (n) <sup>†</sup> African American/ Black	% (n) <sup>†</sup> Native American	% (n) <sup>†</sup> Asian	% (n) <sup>†</sup> Multiracial/ other
Boulder County Public Health	243	7.8% (19)	1.2% (3)	9.5% (9)	4.2% (5)	66.7% (2)		15.4% (2)	16.7% (1)
Denver Health: Best Babies	433	11.1% (48)	1.4% (6)	15.4% (4)	8.6% (27)	27.3% (15)		33.3% (1)	4.8% (1)
El Paso County DHE	446	10.1% (45)	0.4% (2)	8.7% (17)	10.8% (16)	14.6% (7)		33.3% (2)	8.8% (3)
Family Visitor Program	217	5.5% (12)	0.5% (1)		7.0% (12)				
Jefferson County DHE	474	8.6% (41)	1.1% (5)	7.8% (18)	9.4% (16)	10.0% (1)	8.3% (1)	20.0% (2)	7.9% (3)
Larimer County DHE	439	10.9% (48)	1.1% (5)	9.3% (26)	12.7% (14)		25.0% (2)	25.0% (1)	14.8% (4)
Mesa County HD	432	5.8% (25)	1.6% (7)	4.0% (10)	6.7% (9)	16.7% (1)	11.1% (1)		11.1% (2)
Montrose County HHS	269	11.2% (30)	1.5% (4)	14.2% (20)	6.8% (6)		33.3% (1)		
Northeast CO HD	141	4.3% (6)	0.7% (1)	3.5% (2)	3.4% (2)				
Northwest CO VNA	147	9.5% (14)	0.7% (1)	6.4% (5)	9.4% (5)			33.3% (1)	40.0% (2)
Prowers County PHN	162	12.3% (20)	0.6% (1)	10.8% (7)	15.9% (13)				
Pueblo Community Health	314	9.6% (30)	0.6% (2)	8.2% (7)	8.3% (16)	36.4% (4)	14.3% (1)	100.0% (1)	9.1% (1)
San Juan Basin HD	436	9.2% (40)	0.9% (4)	11.8% (28)	8.9% (11)				
St. Anthony Hospital - Co	109	7.3% (8)		10.5% (2)	4.3% (3)	20.0% (1)			20.0% (1)
Summit County PHN	319	12.9% (41)	1.9% (6)	11.5% (15)	15.4% (24)				7.7% (1)
Tri - County HD	498	8.6% (43)	1.0% (5)	11.1% (18)	6.0% (13)	4.9% (2)	14.3% (1)	16.7% (2)	16.7% (5)
Valley Wide Health	297	10.4% (31)	0.3% (1)	3.3% (2)	12.5% (27)				14.3% (2)
Weld County DHE	324	8.3% (27)	2.2% (7)	11.9% (8)	6.9% (16)		25.0% (1)		
State Total	5700	9.3% (528)	1.1% (61)	8.9% (198)	8.8% (235)	17.7% (33)	6.6% (8)	17.9% (12)	9.7% (26)
National NFP	48338	9.1% (4380)	1.5% (716)	7.8% (1698)	8.1% (892)	13.3% (1211)	6.9% (143)	9.1% (63)	9.3% (221)
NFP Objective		5.0%		7.0%	7.0%	12.0%	6.8%	8.0%	6.0%

All numbers in this table were based on cumulative data from program initiation through the end of the quarter.

% (n): n = frequency

<sup>f</sup> In the case of multiple births, one infant is selected randomly for the calculation of premature birth and low birth weight rate.

<sup>‡</sup> VLBW: Very Low Birth Weight is less than 1,500 grams regardless of gestational age.

<sup>†</sup> Percentage of LBW births for each race/ethnic group.

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**Table 18b: Low Birth Weight (LBW) Birth by Client Age at Infant Birth**

Local NFP	Total Number of Births <sup>f</sup>	% (n) Total	% (n) VLBW <sup>†</sup>	Low Birth Weight by Client Age at Infant Birth					
				% (n) <sup>‡</sup> < 15	% (n) <sup>‡</sup> 15-17	% (n) <sup>‡</sup> 18-19	% (n) <sup>‡</sup> 20-24	% (n) <sup>‡</sup> 25-29	% (n) <sup>‡</sup> ≥30
Boulder County Public Health	243	7.8% (19)	1.2% (3)		15.4% (2)		9.3% (12)	6.9% (4)	3.3% (1)
Denver Health: Best Babies	433	11.1% (48)	1.4% (6)	18.8% (3)	13.2% (25)	10.4% (13)	8.6% (7)		
El Paso County DHE	446	10.1% (45)	0.4% (2)	16.7% (1)	12.1% (14)	11.2% (14)	8.4% (13)	7.7% (2)	5.6% (1)
Family Visitor Program	217	5.5% (12)	0.5% (1)		5.3% (2)	7.3% (4)	4.8% (4)	7.7% (2)	
Jefferson County DHE	474	8.6% (41)	1.1% (5)	25.0% (1)	10.1% (8)	8.1% (11)	6.4% (11)	14.5% (8)	7.1% (2)
Larimer County DHE	439	10.9% (48)	1.1% (5)		13.1% (13)	11.3% (13)	8.9% (15)	11.1% (4)	25.0% (3)
Mesa County HD	432	5.8% (25)	1.6% (7)		5.6% (5)	5.9% (7)	7.4% (12)	2.5% (1)	
Montrose County HHS	269	11.2% (30)	1.5% (4)		16.7% (9)	9.1% (6)	9.7% (9)	17.1% (6)	
Northeast CO HD	141	4.3% (6)	0.7% (1)		3.5% (2)	3.0% (1)	2.9% (1)	25.0% (2)	
Northwest CO VNA	147	9.5% (14)	0.7% (1)		6.7% (1)	15.2% (5)	5.0% (3)	4.8% (1)	23.5% (4)
Prowers County PHN	162	12.3% (20)	0.6% (1)		7.5% (3)	14.9% (7)	12.2% (6)	20.0% (3)	10.0% (1)
Pueblo Community Health	314	9.6% (30)	0.6% (2)	20.0% (2)	7.0% (8)	9.9% (9)	9.5% (8)	10.0% (1)	40.0% (2)
San Juan Basin HD	436	9.2% (40)	0.9% (4)		4.5% (3)	11.3% (11)	9.0% (18)	7.9% (3)	15.6% (5)
St. Anthony Hospital - Co	109	7.3% (8)		50.0% (1)	3.8% (1)	3.8% (1)	6.5% (2)	16.7% (2)	8.3% (1)
Summit County PHN	319	12.9% (41)	1.9% (6)		7.1% (3)	20.5% (9)	15.5% (16)	8.1% (5)	12.3% (8)
Tri - County HD	498	8.6% (43)	1.0% (5)		5.3% (7)	8.3% (11)	14.4% (22)	6.3% (3)	
Valley Wide Health	297	10.4% (31)	0.3% (1)		6.5% (6)	12.5% (10)	13.0% (13)	6.7% (1)	14.3% (1)
Weld County DHE	324	8.3% (27)	2.2% (7)	7.7% (1)	7.6% (11)	12.0% (10)	5.0% (3)	10.5% (2)	
State Total	5700	9.3% (528)	1.1% (61)	8.4% (9)	8.7% (123)	10.0% (142)	9.1% (175)	9.3% (50)	9.4% (29)
National NFP	48338	9.1% (4380)	1.5% (716)	10.7% (112)	9.0% (1085)	9.0% (1183)	8.7% (1411)	9.5% (377)	11.1% (205)
NFP Objective		5.0%							

All numbers in this table were based on cumulative data from program initiation through the end of the quarter.

% (n): n = frequency

<sup>f</sup> In the case of multiple births, one infant is selected randomly for the calculation of premature birth and low birth weight rate.

<sup>†</sup> VLBW: Very Low Birth Weight is less than 1,500 grams regardless of gestational age.

<sup>‡</sup> Percentage of LBW births for each age group.

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**Table 19: Occurrence of Breastfeeding**

Local NFP	Initiated Breastfeeding		6 months		12 months		24 months	
	Number of Clients *	%(n) Initiated Breastfeeding	Number of Clients *	%(n) Still Breastfeeding	Number of Clients *	%(n) Still Breastfeeding	Number of Clients *	%(n) Still Breastfeeding
Boulder County Public Health	177	93.8% (166)	145	52.4% (76)	110	25.5% (28)	53	3.8% (2)
Denver Health: Best Babies	312	84.9% (265)	230	24.8% (57)	162	14.2% (23)	115	2.6% (3)
El Paso County DHE	342	80.7% (276)	201	31.8% (64)	123	14.6% (18)	60	1.7% (1)
Family Visitor Program	168	98.2% (165)	137	46.0% (63)	94	19.1% (18)	33	0.0% (0)
Jefferson County DHE	362	89.0% (322)	270	31.5% (85)	196	16.3% (32)	126	4.0% (5)
Larimer County DHE	337	86.9% (293)	268	28.0% (75)	215	14.4% (31)	110	3.6% (4)
Mesa County HD	315	90.8% (286)	254	29.1% (74)	167	16.2% (27)	65	1.5% (1)
Montrose County HHS	194	88.1% (171)	147	36.1% (53)	90	21.1% (19)	48	2.1% (1)
Northeast CO HD	73	63.0% (46)	36	25.0% (9)	26	19.2% (5)	6	0.0% (0)
Northwest CO VNA	112	94.6% (106)	98	51.0% (50)	71	26.8% (19)	45	2.2% (1)
Prowers County PHN	136	82.4% (112)	99	30.3% (30)	77	16.9% (13)	56	0.0% (0)
Pueblo Community Health	230	72.2% (166)	135	28.1% (38)	109	10.1% (11)	70	1.4% (1)
San Juan Basin HD	312	89.4% (279)	246	52.8% (130)	180	32.2% (58)	116	5.2% (6)
St. Anthony Hospital - Co	112	92.0% (103)	43	18.6% (8)	18	22.2% (4)	8	0.0% (0)
Summit County PHN	234	91.9% (215)	183	49.7% (91)	144	27.8% (40)	87	10.3% (9)
Tri - County HD	348	84.5% (294)	266	24.8% (66)	203	13.8% (28)	112	3.6% (4)
Valley Wide Health	253	79.8% (202)	173	32.9% (57)	131	18.3% (24)	74	1.4% (1)
Weld County DHE	229	78.6% (180)	160	30.0% (48)	122	17.2% (21)	59	5.1% (3)
State Total	4246	85.9% (3647)	3091	34.7% (1074)	2238	18.7% (419)	1243	3.4% (42)
National NFP	22691	70.8% (16070)	13498	27.5% (3707)	9791	15.5% (1515)	5122	4.4% (223)
Healthy People 2010 Target		75%		50%		25%		

All numbers in this table were based on cumulative data from program initiation through the end of the quarter.

%(n): n = frequency

\* Number of Clients includes those who had provided information about breastfeeding at a given time point.

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**Table 20: Percent of Infants Assessed by Nurses as Being Current with Immunizations\***

Local NFP	6 Months		12 Months		18 Months		24 Months	
	Number of Infants	%(n) with up-to-date immunization	Number of Infants	%(n) with up-to-date immunization	Number of Toddlers	%(n) with up-to-date immunization	Number of Toddlers	%(n) with up-to-date immunization
Boulder County Public Health	28	89.3% (25)	33	87.9% (29)	25	84.0% (21)	15	73.3% (11)
Denver Health: Best Babies	32	87.5% (28)	21	76.2% (16)	20	90.0% (18)	11	90.9% (10)
El Paso County DHE	57	82.5% (47)	29	89.7% (26)	14	92.9% (13)	13	92.3% (12)
Family Visitor Program	33	97.0% (32)	26	61.5% (16)	12	100.0% (12)	10	100.0% (10)
Jefferson County DHE	47	83.0% (39)	38	63.2% (24)	32	68.8% (22)	22	77.3% (17)
Larimer County DHE	54	85.2% (46)	55	87.3% (48)	54	94.4% (51)	33	93.9% (31)
Mesa County HD	64	92.2% (59)	39	92.3% (36)	40	97.5% (39)	17	100.0% (17)
Montrose County HHS	29	100.0% (29)	17	94.1% (16)	10	90.0% (9)	9	66.7% (6)
Northeast CO HD	9	100.0% (9)	9	88.9% (8)	7	85.7% (6)	2	100.0% (2)
Northwest CO VNA	19	78.9% (15)	11	72.7% (8)	7	100.0% (7)	8	100.0% (8)
Prowers County PHN	16	75.0% (12)	11	90.9% (10)	12	83.3% (10)	14	92.9% (13)
Pueblo Community Health	29	86.2% (25)	23	91.3% (21)	13	100.0% (13)	13	100.0% (13)
San Juan Basin HD	37	73.0% (27)	20	80.0% (16)	13	92.3% (12)	15	93.3% (14)
St. Anthony Hospital - Co	47	76.6% (36)	16	81.3% (13)	0	. (.)	8	100.0% (8)
Summit County PHN	22	95.5% (21)	15	100.0% (15)	29	96.6% (28)	29	96.6% (28)
Tri - County HD	30	83.3% (25)	47	70.2% (33)	36	94.4% (34)	26	100.0% (26)
Valley Wide Health	28	67.9% (19)	28	75.0% (21)	35	88.6% (31)	25	80.0% (20)
Weld County DHE	29	93.1% (27)	37	83.8% (31)	34	94.1% (32)	20	100.0% (20)
State Total	610	85.4% (521)	475	81.5% (387)	393	91.1% (358)	290	91.7% (266)
National NFP	2658	85.2% (2264)	2085	83.8% (1748)	1654	89.1% (1474)	1386	92.5% (1282)
NFP Objective	90% or greater completion rates for all recommended immunizations by the time the child is 2 years of age.							

All numbers in this table were based on cumulative data from program initiation through the end of the quarter.

%(n): n = frequency

\* Immunization data collected prior to 10/1/2006 were not included in this table.

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**Table 21: Percentile Breakdown of Language Production Scores for Toddlers\***

Local NFP	Total Number of Children	Assessment with English Form †						Assessment with Spanish Form ‡					
		Number of Children	%(n) <10th Percentile	%(n) 10-25th Percentile	%(n) 26-50th Percentile	%(n) 51-75th Percentile	%(n) >75th Percentile	Number of Children	%(n) <10th Percentile	%(n) 10-25th Percentile	%(n) 26-50th Percentile	%(n) 51-75th Percentile	%(n) >75th Percentile
Boulder County Public Health	63	59	18.6% (11)	32.2% (19)	15.3% (9)	23.7% (14)	10.2% (6)	4	50.0% (2)	25.0% (1)	25.0% (1)	0.0% (0)	0.0% (0)
Denver Health: Best Babies	136	131	10.7% (14)	23.7% (31)	37.4% (49)	15.3% (20)	13.0% (17)	5	0.0% (0)	20.0% (1)	20.0% (1)	40.0% (2)	20.0% (1)
El Paso County DHE	96	96	11.5% (11)	20.8% (20)	29.2% (28)	25.0% (24)	13.5% (13)						
Family Visitor Program	42	38	18.4% (7)	31.6% (12)	31.6% (12)	13.2% (5)	5.3% (2)	4	0.0% (0)	25.0% (1)	50.0% (2)	25.0% (1)	0.0% (0)
Jefferson County DHE	155	154	7.1% (11)	13.0% (20)	31.8% (49)	24.7% (38)	23.4% (36)	1	0.0% (0)	0.0% (0)	0.0% (0)	100.0% (1)	0.0% (0)
Larimer County DHE	153	152	11.2% (17)	21.7% (33)	27.6% (42)	19.7% (30)	19.7% (30)	1	0.0% (0)	0.0% (0)	100.0% (1)	0.0% (0)	0.0% (0)
Mesa County HD	90	87	4.6% (4)	9.2% (8)	19.5% (17)	40.2% (35)	26.4% (23)	3	0.0% (0)	33.3% (1)	66.7% (2)	0.0% (0)	0.0% (0)
Montrose County HHS	55	55	3.6% (2)	21.8% (12)	32.7% (18)	25.5% (14)	16.4% (9)						
Northeast CO HD	20	20	10.0% (2)	10.0% (2)	25.0% (5)	20.0% (4)	35.0% (7)						
Northwest CO VNA	52	49	6.1% (3)	20.4% (10)	20.4% (10)	30.6% (15)	22.4% (11)	3	0.0% (0)	0.0% (0)	33.3% (1)	66.7% (2)	0.0% (0)
Prowers County PHN	64	62	9.7% (6)	14.5% (9)	24.2% (15)	30.6% (19)	21.0% (13)	2	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	100.0% (2)
Pueblo Community Health	107	107	7.5% (8)	8.4% (9)	32.7% (35)	29.0% (31)	22.4% (24)						
San Juan Basin HD	135	134	7.5% (10)	23.9% (32)	17.9% (24)	23.1% (31)	27.6% (37)	1	0.0% (0)	0.0% (0)	100.0% (1)	0.0% (0)	0.0% (0)
St. Anthony Hospital - Co	1	1	0.0% (0)	0.0% (0)	100.0% (1)	0.0% (0)	0.0% (0)						
Summit County PHN	104	93	12.9% (12)	16.1% (15)	18.3% (17)	23.7% (22)	29.0% (27)	11	0.0% (0)	36.4% (4)	18.2% (2)	45.5% (5)	0.0% (0)
Tri - County HD	135	131	10.7% (14)	15.3% (20)	22.1% (29)	24.4% (32)	27.5% (36)	4	0.0% (0)	0.0% (0)	50.0% (2)	0.0% (0)	50.0% (2)
Valley Wide Health	113	110	5.5% (6)	8.2% (9)	19.1% (21)	23.6% (26)	43.6% (48)	3	0.0% (0)	0.0% (0)	0.0% (0)	66.7% (2)	33.3% (1)
Weld County DHE	82	75	12.0% (9)	20.0% (15)	28.0% (21)	16.0% (12)	24.0% (18)	7	0.0% (0)	0.0% (0)	14.3% (1)	14.3% (1)	71.4% (5)
State Total	1603	1554	9.5% (147)	17.8% (276)	25.9% (402)	23.9% (372)	23.0% (357)	49	4.1% (2)	16.3% (8)	28.6% (14)	28.6% (14)	22.4% (11)
National NFP	9468	9361	10.2% (953)	17.8% (1669)	26.2% (2450)	23.6% (2205)	22.3% (2084)	107	5.6% (6)	21.5% (23)	26.2% (28)	29.0% (31)	17.8% (19)
NFP Objective			25% or less						25% or less				

%(n): n = frequency

\* Language Assessment Form is administrated when toddler is approximately 21 months of age. Scoring below the 10th percentile may indicate a delay in language skills and a need for referral to other services.

† Prior to Oct 1, 2006, all toddlers regardless of primary language, were included in the "Assessed with English Form" column.

‡ Toddlers whose primary language is Spanish were assessed with the Spanish version of the Language Assessment Form as of Oct 1, 2006.

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**Table 22: Ages and Stages (ASQ)\***

Local NFP	4 Months		10 Months		14 Months		20 Months	
	%(n) Assessed	%(n) May Need Further Evaluation†	%(n) Assessed	%(n) May Need Further Evaluation†	%(n) Assessed	%(n) May Need Further Evaluation†	%(n) Assessed	%(n) May Need Further Evaluation†
Boulder County Public Health	39.2% (29)	37.9% (11)	58.9% (33)	21.2% (7)	78.8% (26)	34.6% (9)	100.0% (16)	25.0% (4)
Denver Health: Best Babies	47.1% (33)	15.2% (5)	47.7% (21)	19.0% (4)	72.4% (21)	28.6% (6)	100.0% (11)	27.3% (3)
El Paso County DHE	61.3% (57)	12.3% (7)	61.7% (29)	20.7% (6)	64.0% (16)	25.0% (4)	100.0% (13)	30.8% (4)
Family Visitor Program	51.5% (34)	11.8% (4)	59.1% (26)	3.8% (1)	66.7% (12)	8.3% (1)	100.0% (10)	10.0% (1)
Jefferson County DHE	46.2% (49)	12.2% (6)	53.6% (37)	40.5% (15)	72.7% (32)	37.5% (12)	100.0% (23)	34.8% (8)
Larimer County DHE	40.1% (57)	21.1% (12)	50.9% (56)	5.4% (3)	83.1% (54)	16.7% (9)	100.0% (31)	32.3% (10)
Mesa County HD	57.0% (65)	38.5% (25)	59.4% (38)	23.7% (9)	92.7% (38)	18.4% (7)	100.0% (17)	23.5% (4)
Montrose County HHS	53.7% (29)	20.7% (6)	58.6% (17)	17.6% (3)	58.8% (10)	50.0% (5)	100.0% (9)	44.4% (4)
Northeast CO HD	40.9% (9)	11.1% (1)	66.7% (10)	10.0% (1)	77.8% (7)	14.3% (1)	100.0% (2)	0.0% (0)
Northwest CO VNA	55.6% (20)	0.0% (0)	47.8% (11)	27.3% (3)	50.0% (7)	0.0% (0)	100.0% (8)	25.0% (2)
Prowers County PHN	40.5% (17)	11.8% (2)	34.6% (9)	33.3% (3)	61.1% (11)	27.3% (3)	100.0% (14)	14.3% (2)
Pueblo Community Health	56.6% (30)	23.3% (7)	61.8% (21)	9.5% (2)	65.0% (13)	23.1% (3)	100.0% (12)	33.3% (4)
San Juan Basin HD	55.7% (39)	28.2% (11)	50.0% (20)	25.0% (5)	56.5% (13)	30.8% (4)	100.0% (15)	20.0% (3)
St. Anthony Hospital - Co	100.0% (55)	18.2% (10)	100.0% (23)	8.7% (2)	100.0% (8)	0.0% (0)	100.0% (8)	0.0% (0)
Summit County PHN	30.1% (22)	9.1% (2)	28.6% (16)	12.5% (2)	64.4% (29)	24.1% (7)	100.0% (28)	21.4% (6)
Tri - County HD	30.7% (31)	45.2% (14)	54.1% (46)	54.3% (25)	65.2% (30)	63.3% (19)	100.0% (26)	46.2% (12)
Valley Wide Health	31.8% (27)	14.8% (4)	40.9% (27)	29.6% (8)	75.0% (36)	33.3% (12)	100.0% (26)	42.3% (11)
Weld County DHE	39.0% (32)	21.9% (7)	65.1% (41)	12.2% (5)	83.3% (35)	20.0% (7)	100.0% (20)	15.0% (3)
State Total	47.5% (635)	21.1% (134)	53.8% (481)	21.6% (104)	73.0% (398)	27.4% (109)	100.0% (289)	28.0% (81)
National NFP	45.1% (2759)	28.1% (775)	52.1% (2127)	27.6% (587)	66.8% (1683)	32.5% (547)	99.9% (1359)	31.9% (433)

%(n): n = frequency

\* NFP Implementing agencies began collecting ASQ scores on October 1, 2006.

† This percentage includes all children who had an ASQ scored within a range indicating the need for further evaluation for any type of developmental area.

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**Table 23: Ages and Stages - Social and Emotional (ASQ-SE)\***

Local NFP	6 Months		12 Months		18 Months		24 Months	
	%(n) Assessed	%(n) May Need Further Evaluation†	%(n) Assessed	%(n) May Need Further Evaluation†	%(n) Assessed	%(n) May Need Further Evaluation†	%(n) Assessed	%(n) May Need Further Evaluation†
Boulder County Public Health	33.8% (25)	16.0% (4)	53.6% (30)	26.7% (8)	69.7% (23)	13.0% (3)	93.8% (15)	6.7% (1)
Denver Health: Best Babies	38.6% (27)	14.8% (4)	40.9% (18)	0.0% (0)	65.5% (19)	0.0% (0)	100.0% (11)	0.0% (0)
El Paso County DHE	53.8% (50)	0.0% (0)	55.3% (26)	3.8% (1)	36.0% (9)	0.0% (0)	30.8% (4)	0.0% (0)
Family Visitor Program	50.0% (33)	0.0% (0)	43.2% (19)	0.0% (0)	50.0% (9)	0.0% (0)	100.0% (10)	0.0% (0)
Jefferson County DHE	43.4% (46)	0.0% (0)	47.8% (33)	0.0% (0)	59.1% (26)	0.0% (0)	82.6% (19)	0.0% (0)
Larimer County DHE	35.2% (50)	0.0% (0)	48.2% (53)	1.9% (1)	81.5% (53)	1.9% (1)	96.8% (30)	0.0% (0)
Mesa County HD	49.1% (56)	50.0% (28)	51.6% (33)	45.5% (15)	70.7% (29)	44.8% (13)	82.4% (14)	14.3% (2)
Montrose County HHS	48.1% (26)	0.0% (0)	55.2% (16)	0.0% (0)	52.9% (9)	0.0% (0)	100.0% (9)	0.0% (0)
Northeast CO HD	31.8% (7)	28.6% (2)	66.7% (10)	60.0% (6)	55.6% (5)	80.0% (4)	100.0% (2)	50.0% (1)
Northwest CO VNA	50.0% (18)	0.0% (0)	39.1% (9)	0.0% (0)	50.0% (7)	0.0% (0)	75.0% (6)	0.0% (0)
Prowers County PHN	35.7% (15)	0.0% (0)	30.8% (8)	0.0% (0)	50.0% (9)	11.1% (1)	92.9% (13)	0.0% (0)
Pueblo Community Health	54.7% (29)	0.0% (0)	52.9% (18)	5.6% (1)	50.0% (10)	0.0% (0)	100.0% (12)	0.0% (0)
San Juan Basin HD	35.7% (25)	0.0% (0)	35.0% (14)	0.0% (0)	43.5% (10)	10.0% (1)	46.7% (7)	0.0% (0)
St. Anthony Hospital - Co	96.4% (53)	3.8% (2)	73.9% (17)	0.0% (0)	0.0% (0)		100.0% (8)	0.0% (0)
Summit County PHN	28.8% (21)	0.0% (0)	19.6% (11)	0.0% (0)	57.8% (26)	3.8% (1)	71.4% (20)	0.0% (0)
Tri - County HD	13.9% (14)	0.0% (0)	20.0% (17)	0.0% (0)	21.7% (10)	0.0% (0)	34.6% (9)	11.1% (1)
Valley Wide Health	27.1% (23)	0.0% (0)	33.3% (22)	0.0% (0)	54.2% (26)	0.0% (0)	69.2% (18)	5.6% (1)
Weld County DHE	37.8% (31)	16.1% (5)	58.7% (37)	10.8% (4)	71.4% (30)	20.0% (6)	95.0% (19)	31.6% (6)
State Total	41.0% (549)	8.2% (45)	43.7% (391)	9.2% (36)	56.9% (310)	9.7% (30)	78.2% (226)	5.3% (12)
National NFP	32.3% (1978)	9.4% (185)	36.8% (1502)	11.1% (167)	46.5% (1172)	9.7% (114)	73.0% (993)	12.2% (121)

%(n): n = frequency

\* NFP Implementing agencies began collecting ASQ-SE scores on October 1, 2006.

† This percentage includes all children who had an ASQ-SE scored within a range indicating the need for further evaluation.



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**Table 24: Subsequent Pregnancy by 6, 12, 18, and 24 Months Postpartum**

Local NFP	6 Months Postpartum		12 Months Postpartum		18 Months Postpartum		24 months Postpartum	
	Number of Clients	%(n) Subsequent Pregnancy	Number of Clients	%(n) Subsequent Pregnancy	Number of Clients	%(n) Subsequent Pregnancy	Number of Clients	%(n) Subsequent Pregnancy
Boulder County Public Health	164	2% (3)	124	10% (12)	77	27% (21)	54	35% (19)
Denver Health: Best Babies	278	4% (12)	197	11% (22)	165	23% (38)	122	34% (41)
El Paso County DHE	264	3% (9)	167	17% (28)	109	26% (28)	92	34% (31)
Family Visitor Program	145	3% (4)	106	6% (6)	56	14% (8)	36	33% (12)
Jefferson County DHE	312	3% (10)	229	13% (29)	173	23% (39)	142	29% (41)
Larimer County DHE	328	3% (10)	257	13% (34)	180	27% (49)	134	32% (43)
Mesa County HD	289	2% (7)	190	7% (14)	118	17% (20)	70	16% (11)
Montrose County HHS	164	5% (8)	109	11% (12)	69	23% (16)	54	37% (20)
Northeast CO HD	64	8% (5)	41	12% (5)	23	26% (6)	9	33% (3)
Northwest CO VNA	103	3% (3)	74	12% (9)	60	23% (14)	47	36% (17)
Prowers County PHN	124	4% (5)	90	16% (14)	68	31% (21)	61	41% (25)
Pueblo Community Health	201	4% (9)	158	11% (17)	129	25% (32)	96	44% (42)
San Juan Basin HD	281	4% (10)	198	10% (20)	150	18% (27)	125	29% (36)
St. Anthony Hospital - Co	59	2% (1)	26	4% (1)	11	27% (3)	9	44% (4)
Summit County PHN	208	2% (5)	160	11% (17)	118	24% (28)	94	32% (30)
Tri - County HD	347	3% (9)	263	13% (33)	181	19% (35)	136	24% (32)
Valley Wide Health	220	2% (4)	177	13% (23)	132	24% (32)	100	33% (33)
Weld County DHE	215	4% (9)	164	18% (30)	119	34% (40)	74	38% (28)
<b>State Total</b>	<b>3766</b>	<b>3% (123)</b>	<b>2730</b>	<b>12% (326)</b>	<b>1938</b>	<b>24% (457)</b>	<b>1455</b>	<b>32% (468)</b>
National NFP	29656	4% (1136)	21409	13% (2754)	14573	22% (3223)	11750	32% (3734)
<b>NFP Objective</b>	<b>25% or less by 24 months child age</b>							

All numbers in this table were based on cumulative data from program initiation through the end of the quarter.

%(n): n = frequency

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**Table 26a: Education Status over Time for Clients without HS Diploma/GED at Intake - 6 to 12 Months Postpartum\***

Local NFP †	Intake			6 months Postpartum					12 months Postpartum				
	Number of Clients	No Diploma/GED		Number of Clients	No Diploma/GED		Completed Diploma/GED		Number of Clients	No Diploma/GED		Completed Diploma/GED	
		%(n) Not in School	%(n) In School		%(n) Not in School	%(n) In School	%(n) Not in School	%(n) Enrolled in Further Education		%(n) Not in School	%(n) In School	%(n) Not in School	%(n) Enrolled in Further Education
Boulder County Public Health	25	80.0% (20)	20.0% (5)	25	76.0% (19)	8.0% (2)	4.0% (1)	12.0% (3)	25	80.0% (20)	4.0% (1)	12.0% (3)	4.0% (1)
Denver Health: Best Babies	109	62.4% (68)	37.6% (41)	107	58.9% (63)	30.8% (33)	7.5% (8)	2.8% (3)	103	49.5% (51)	29.1% (30)	11.7% (12)	9.7% (10)
El Paso County DHE	44	29.5% (13)	70.5% (31)	44	27.3% (12)	43.2% (19)	11.4% (5)	18.2% (8)	42	26.2% (11)	33.3% (14)	26.2% (11)	14.3% (6)
Family Visitor Program	29	82.8% (24)	17.2% (5)	29	55.2% (16)	31.0% (9)	13.8% (4)	0.0% (0)	29	62.1% (18)	17.2% (5)	17.2% (5)	3.4% (1)
Jefferson County DHE	59	55.9% (33)	44.1% (26)	58	56.9% (33)	27.6% (16)	12.1% (7)	3.4% (2)	56	46.4% (26)	33.9% (19)	16.1% (9)	3.6% (2)
Larimer County DHE	77	48.1% (37)	51.9% (40)	76	47.4% (36)	31.6% (24)	11.8% (9)	9.2% (7)	76	38.2% (29)	23.7% (18)	22.4% (17)	15.8% (12)
Mesa County HD	43	53.5% (23)	46.5% (20)	40	55.0% (22)	27.5% (11)	12.5% (5)	5.0% (2)	43	46.5% (20)	25.6% (11)	18.6% (8)	9.3% (4)
Montrose County HHS	21	47.6% (10)	52.4% (11)	21	33.3% (7)	47.6% (10)	19.0% (4)	0.0% (0)	21	23.8% (5)	47.6% (10)	28.6% (6)	0.0% (0)
Northeast CO HD	9	33.3% (3)	66.7% (6)	9	33.3% (3)	55.6% (5)	0.0% (0)	11.1% (1)	9	33.3% (3)	44.4% (4)	0.0% (0)	22.2% (2)
Northwest CO VNA	15	86.7% (13)	13.3% (2)	15	60.0% (9)	20.0% (3)	20.0% (3)	0.0% (0)	15	53.3% (8)	20.0% (3)	20.0% (3)	6.7% (1)
Prowers County PHN	31	61.3% (19)	38.7% (12)	31	67.7% (21)	22.6% (7)	3.2% (1)	6.5% (2)	31	64.5% (20)	19.4% (6)	9.7% (3)	6.5% (2)
Pueblo Community Health	82	48.8% (40)	51.2% (42)	82	51.2% (42)	34.1% (28)	6.1% (5)	8.5% (7)	83	49.4% (41)	28.9% (24)	10.8% (9)	10.8% (9)
San Juan Basin HD	43	58.1% (25)	41.9% (18)	43	27.9% (12)	41.9% (18)	18.6% (8)	11.6% (5)	43	32.6% (14)	27.9% (12)	27.9% (12)	11.6% (5)
Summit County PHN	34	82.4% (28)	17.6% (6)	33	75.8% (25)	15.2% (5)	6.1% (2)	3.0% (1)	32	75.0% (24)	12.5% (4)	6.3% (2)	6.3% (2)
Tri - County HD	54	57.4% (31)	42.6% (23)	52	44.2% (23)	32.7% (17)	13.5% (7)	9.6% (5)	49	40.8% (20)	24.5% (12)	24.5% (12)	10.2% (5)
Valley Wide Health	51	19.6% (10)	80.4% (41)	48	25.0% (12)	52.1% (25)	10.4% (5)	12.5% (6)	50	22.0% (11)	40.0% (20)	24.0% (12)	14.0% (7)
Weld County DHE	67	44.8% (30)	55.2% (37)	65	43.1% (28)	38.5% (25)	12.3% (8)	6.2% (4)	66	45.5% (30)	28.8% (19)	18.2% (12)	7.6% (5)
State Total	793	53.8% (427)	46.2% (366)	778	49.2% (383)	33.0% (257)	10.5% (82)	7.2% (56)	773	45.4% (351)	27.4% (212)	17.6% (136)	9.6% (74)
National NFP	4900	39.1% (1915)	60.9% (2985)	4716	39.2% (1849)	43.2% (2036)	11.8% (557)	5.8% (274)	4663	38.1% (1777)	35.3% (1647)	17.8% (832)	8.7% (407)

All numbers in this table were based on cumulative data from program initiation through the end of the quarter.

%(n): n = frequency

\* Table 26a and Table 26b are two parts of one table. Table 26a presents education status data by 6 and 12 months postpartum, while table 26b provides data by 18 and 24 months postpartum

† Only those agencies with eligible participants are included. Eligible participants are those who have graduated from NFP, have information about HS diploma/GED status at enrollment, and have updated information for at least two of the follow-up time points.

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**Table 26b: Education Status over Time for Clients without HS Diploma/GED at Intake - 18 to 24 Months Postpartum\***

Local NFP †	18 months Postpartum					24 months Postpartum				
	Number of Clients	No Diploma/GED		Completed Diploma/GED		Number of Clients	No Diploma/GED		Completed Diploma/GED	
		%(n) Not in School	%(n) In School	%(n) Not in School	%(n) Enrolled in Further Education		%(n) Not in School	%(n) In School	%(n) Not in School	%(n) Enrolled in Further Education
Boulder County Public Health	24	83.3% (20)	4.2% (1)	12.5% (3)	0.0% (0)	24	62.5% (15)	12.5% (3)	25.0% (6)	0.0% (0)
Denver Health: Best Babies	106	46.2% (49)	29.2% (31)	14.2% (15)	10.4% (11)	98	42.9% (42)	28.6% (28)	15.3% (15)	13.3% (13)
El Paso County DHE	41	31.7% (13)	17.1% (7)	36.6% (15)	14.6% (6)	42	26.2% (11)	21.4% (9)	35.7% (15)	16.7% (7)
Family Visitor Program	27	51.9% (14)	22.2% (6)	22.2% (6)	3.7% (1)	24	54.2% (13)	8.3% (2)	33.3% (8)	4.2% (1)
Jefferson County DHE	58	41.4% (24)	19.0% (11)	32.8% (19)	6.9% (4)	55	38.2% (21)	12.7% (7)	38.2% (21)	10.9% (6)
Larimer County DHE	75	38.7% (29)	17.3% (13)	28.0% (21)	16.0% (12)	68	38.2% (26)	17.6% (12)	23.5% (16)	20.6% (14)
Mesa County HD	38	47.4% (18)	7.9% (3)	34.2% (13)	10.5% (4)	36	47.2% (17)	8.3% (3)	41.7% (15)	2.8% (1)
Montrose County HHS	19	15.8% (3)	47.4% (9)	31.6% (6)	5.3% (1)	20	10.0% (2)	45.0% (9)	45.0% (9)	0.0% (0)
Northeast CO HD	9	22.2% (2)	55.6% (5)	11.1% (1)	11.1% (1)	6	0.0% (0)	50.0% (3)	33.3% (2)	16.7% (1)
Northwest CO VNA	13	46.2% (6)	7.7% (1)	38.5% (5)	7.7% (1)	14	50.0% (7)	7.1% (1)	28.6% (4)	14.3% (2)
Prowers County PHN	31	54.8% (17)	16.1% (5)	22.6% (7)	6.5% (2)	30	60.0% (18)	6.7% (2)	26.7% (8)	6.7% (2)
Pueblo Community Health	82	53.7% (44)	22.0% (18)	17.1% (14)	7.3% (6)	62	54.8% (34)	14.5% (9)	22.6% (14)	8.1% (5)
San Juan Basin HD	42	33.3% (14)	21.4% (9)	26.2% (11)	19.0% (8)	39	33.3% (13)	15.4% (6)	23.1% (9)	28.2% (11)
Summit County PHN	33	75.8% (25)	9.1% (3)	12.1% (4)	3.0% (1)	31	71.0% (22)	6.5% (2)	22.6% (7)	0.0% (0)
Tri - County HD	48	35.4% (17)	22.9% (11)	25.0% (12)	16.7% (8)	47	36.2% (17)	12.8% (6)	31.9% (15)	19.1% (9)
Valley Wide Health	50	22.0% (11)	32.0% (16)	26.0% (13)	20.0% (10)	43	23.3% (10)	20.9% (9)	37.2% (16)	18.6% (8)
Weld County DHE	63	42.9% (27)	25.4% (16)	25.4% (16)	6.3% (4)	55	38.2% (21)	21.8% (12)	23.6% (13)	16.4% (9)
State Total	759	43.9% (333)	21.7% (165)	23.8% (181)	10.5% (80)	694	41.6% (289)	17.7% (123)	27.8% (193)	12.8% (89)
National NFP	4555	36.4% (1660)	28.7% (1309)	23.1% (1052)	11.7% (534)	4167	35.5% (1479)	23.0% (957)	27.5% (1146)	14.0% (585)

All numbers in this table were based on cumulative data from program initiation through the end of the quarter.

%(n): n = frequency

\* Table 26a and Table 26b are two parts of one table. Table 26a presents education status data by 6 and 12 months postpartum, while table 26b provides data by 18 and 24 months postpartum

† Only those agencies with eligible participants are included. Eligible participants are those who have graduated from NFP, have information about HS diploma/GED status at enrollment, and have updated information for at least two of the follow-up time points.

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**Table 27: Education Status over Time for Clients with HS Diploma/GED at Intake**

Local NFP *	Intake		Infancy 6 months		Infancy 12 months		Infancy 18 months		Infancy 24 months	
	Number of Clients	%(n) In School	Number of Clients	%(n) In School	Number of Clients	%(n) In School	Number of Clients	%(n) In School	Number of Clients	%(n) In School
Boulder County Public Health	30	13.3% (4)	30	26.7% (8)	29	17.2% (5)	29	27.6% (8)	27	40.7% (11)
Denver Health: Best Babies	25	28.0% (7)	25	24.0% (6)	25	32.0% (8)	25	20.0% (5)	23	34.8% (8)
El Paso County DHE	48	6.3% (3)	48	18.8% (9)	47	14.9% (7)	47	19.1% (9)	45	15.6% (7)
Family Visitor Program	10	20.0% (2)	9	11.1% (1)	10	0.0% (0)	10	0.0% (0)	10	30.0% (3)
Jefferson County DHE	91	15.4% (14)	91	14.3% (13)	91	20.9% (19)	91	25.3% (23)	86	19.8% (17)
Larimer County DHE	63	30.2% (19)	63	34.9% (22)	63	42.9% (27)	62	33.9% (21)	59	42.4% (25)
Mesa County HD	47	23.4% (11)	47	21.3% (10)	47	12.8% (6)	46	15.2% (7)	42	19.0% (8)
Montrose County HHS	30	26.7% (8)	29	17.2% (5)	29	17.2% (5)	27	11.1% (3)	28	10.7% (3)
Northeast CO HD	6	0.0% (0)	6	0.0% (0)	6	33.3% (2)	5	0.0% (0)	2	0.0% (0)
Northwest CO VNA	36	11.1% (4)	34	14.7% (5)	34	20.6% (7)	35	17.1% (6)	34	17.6% (6)
Prowers County PHN	31	19.4% (6)	30	30.0% (9)	31	38.7% (12)	31	22.6% (7)	30	10.0% (3)
Pueblo Community Health	35	28.6% (10)	35	28.6% (10)	35	45.7% (16)	33	36.4% (12)	31	48.4% (15)
San Juan Basin HD	86	22.1% (19)	82	14.6% (12)	85	11.8% (10)	86	18.6% (16)	85	9.4% (8)
Summit County PHN	61	11.5% (7)	60	11.7% (7)	59	11.9% (7)	62	17.7% (11)	59	13.6% (8)
Tri - County HD	72	16.7% (12)	70	17.1% (12)	70	18.6% (13)	64	20.3% (13)	67	17.9% (12)
Valley Wide Health	61	31.1% (19)	61	31.1% (19)	60	31.7% (19)	58	32.8% (19)	51	35.3% (18)
Weld County DHE	21	38.1% (8)	22	22.7% (5)	21	19.0% (4)	19	15.8% (3)	18	16.7% (3)
State Total	753	20.3% (153)	742	20.6% (153)	742	22.5% (167)	730	22.3% (163)	697	22.2% (155)
National NFP	4038	20.4% (823)	3866	21.8% (843)	3848	23.3% (897)	3729	24.2% (903)	3522	23.8% (839)

All numbers in this table were based on cumulative data from program initiation through the end of the quarter.

%(n): n = frequency

\* Only those agencies with eligible participants are included. Eligible participants are those who have graduated from NFP, have information about HS diploma/GED status at enrollment, and have updated information for at least two of the follow-up time points.

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**Table 28: Workforce Participation over Time among Clients 17 years and Younger at Intake**

Local NFP *	Intake		Infancy 6 months		Infancy 12 months		Infancy 18 months		Infancy 24 months	
	Number of Clients	%(n) Working	Number of Clients	%(n) Working	Number of Clients	%(n) Working	Number of Clients	%(n) Working	Number of Clients	%(n) Working
Boulder County Public Health	6	0.0% (0)	6	16.7% (1)	6	16.7% (1)	6	33.3% (2)	5	40.0% (2)
Denver Health: Best Babies	73	23.3% (17)	73	21.9% (16)	74	33.8% (25)	73	34.2% (25)	72	37.5% (27)
El Paso County DHE	29	20.7% (6)	30	13.3% (4)	28	21.4% (6)	28	42.9% (12)	29	41.4% (12)
Family Visitor Program	10	10.0% (1)	10	20.0% (2)	10	40.0% (4)	10	50.0% (5)	9	55.6% (5)
Jefferson County DHE	27	11.1% (3)	27	25.9% (7)	27	40.7% (11)	26	42.3% (11)	26	50.0% (13)
Larimer County DHE	38	28.9% (11)	38	44.7% (17)	37	45.9% (17)	36	47.2% (17)	33	54.5% (18)
Mesa County HD	19	31.6% (6)	17	35.3% (6)	19	42.1% (8)	18	55.6% (10)	17	58.8% (10)
Montrose County HHS	14	28.6% (4)	16	43.8% (7)	16	50.0% (8)	15	73.3% (11)	15	60.0% (9)
Northeast CO HD	9	0.0% (0)	10	40.0% (4)	10	60.0% (6)	10	60.0% (6)	7	71.4% (5)
Northwest CO VNA	6	33.3% (2)	7	42.9% (3)	7	71.4% (5)	6	66.7% (4)	6	66.7% (4)
Prowers County PHN	12	8.3% (1)	12	25.0% (3)	12	41.7% (5)	12	33.3% (4)	12	25.0% (3)
Pueblo Community Health	53	20.8% (11)	52	23.1% (12)	53	37.7% (20)	52	46.2% (24)	40	45.0% (18)
San Juan Basin HD	20	15.0% (3)	20	40.0% (8)	20	65.0% (13)	20	70.0% (14)	18	55.6% (10)
Summit County PHN	13	7.7% (1)	12	33.3% (4)	12	50.0% (6)	13	46.2% (6)	12	58.3% (7)
Tri - County HD	32	18.8% (6)	34	29.4% (10)	33	39.4% (13)	33	42.4% (14)	32	53.1% (17)
Valley Wide Health	35	28.6% (10)	34	29.4% (10)	34	29.4% (10)	35	45.7% (16)	28	50.0% (14)
Weld County DHE	46	8.7% (4)	47	17.0% (8)	48	35.4% (17)	44	31.8% (14)	40	40.0% (16)
State Total	442	19.5% (86)	445	27.4% (122)	446	39.2% (175)	437	44.6% (195)	401	47.4% (190)
National NFP	3981	17.6% (702)	3803	25.9% (986)	3819	33.2% (1268)	3383	39.9% (1350)	3297	43.9% (1446)

All numbers in this table were based on cumulative data from program initiation through the end of the quarter.

%(n): n = frequency

\* Only those agencies with eligible participants are included. Eligible participants are those that have graduated from NFP and have reported the outcomes (working status) for at least 3 out of 5 time points.

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**Table 29: Workforce Participation over Time among Clients 18 years and Older at Intake**

Local NFP *	Intake		Infancy 6 months		Infancy 12 months		Infancy 18 months		Infancy 24 months	
	Number of Clients	%(n) Working	Number of Clients	%(n) Working	Number of Clients	%(n) Working	Number of Clients	%(n) Working	Number of Clients	%(n) Working
Boulder County Public Health	49	22.4% (11)	51	31.4% (16)	50	44.0% (22)	49	65.3% (32)	48	62.5% (30)
Denver Health: Best Babies	55	43.6% (24)	54	33.3% (18)	53	35.8% (19)	52	40.4% (21)	50	52.0% (26)
El Paso County DHE	63	47.6% (30)	64	54.7% (35)	64	57.8% (37)	62	48.4% (30)	60	58.3% (35)
Family Visitor Program	29	27.6% (8)	30	36.7% (11)	30	50.0% (15)	28	39.3% (11)	26	46.2% (12)
Jefferson County DHE	122	50.0% (61)	123	51.2% (63)	123	48.0% (59)	124	64.5% (80)	118	62.7% (74)
Larimer County DHE	101	54.5% (55)	102	49.0% (50)	104	58.7% (61)	103	55.3% (57)	96	57.3% (55)
Mesa County HD	70	48.6% (34)	72	36.1% (26)	70	48.6% (34)	70	50.0% (35)	58	58.6% (34)
Montrose County HHS	37	54.1% (20)	39	59.0% (23)	40	62.5% (25)	36	61.1% (22)	39	59.0% (23)
Northeast CO HD	6	66.7% (4)	6	50.0% (3)	6	33.3% (2)	5	80.0% (4)	2	50.0% (1)
Northwest CO VNA	45	46.7% (21)	41	48.8% (20)	43	60.5% (26)	43	62.8% (27)	43	67.4% (29)
Prowers County PHN	50	54.0% (27)	49	51.0% (25)	50	46.0% (23)	49	55.1% (27)	49	65.3% (32)
Pueblo Community Health	65	33.8% (22)	66	45.5% (30)	65	47.7% (31)	63	47.6% (30)	53	60.4% (32)
San Juan Basin HD	109	59.6% (65)	105	46.7% (49)	109	57.8% (63)	109	62.4% (68)	106	59.4% (63)
St. Anthony Hospital - Co	0	. (0)	0	. (0)	6	83.3% (5)	6	100.0% (6)	6	83.3% (5)
Summit County PHN	83	59.0% (49)	85	58.8% (50)	82	68.3% (56)	85	65.9% (56)	81	69.1% (56)
Tri - County HD	95	50.5% (48)	99	51.5% (51)	103	56.3% (58)	96	59.4% (57)	98	64.3% (63)
Valley Wide Health	77	45.5% (35)	75	52.0% (39)	78	59.0% (46)	74	56.8% (42)	67	56.7% (38)
Weld County DHE	42	21.4% (9)	42	28.6% (12)	43	39.5% (17)	41	39.0% (16)	35	25.7% (9)
State Total	1098	47.6% (523)	1103	47.2% (521)	1119	53.5% (599)	1095	56.7% (621)	1035	59.6% (617)
National NFP	9567	46.9% (4491)	9096	44.1% (4015)	9072	51.2% (4644)	7758	53.9% (4179)	8140	57.1% (4646)

All numbers in this table were based on cumulative data from program initiation through the end of the quarter.

%(n): n = frequency

\* Only those agencies with eligible participants are included. Eligible participants are those that have graduated from NFP and have reported the outcomes (working status) for at least 3 out of 5 time points.