

CHILDREN, YOUTH & FAMILIES DEPARTMENT

MARKET RATE SURVEY

YEAR 2003

Final Results

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Table of Contents

PURPOSE OF THE 2003 MRS.....	1
METHODOLOGY.....	2
RESPONSE AND RELATED ISSUES.....	3
RESULTS.....	5
TABLE 2.1. INFANT MONTHLY FULL-TIME RATES, METRO.....	7
TABLE 2.2. INFANT MONTHLY FULL-TIME RATES, RURAL.....	8
TABLE 2.3. TODDLER MONTHLY FULL-TIME RATES, METRO	9
TABLE 2.4. TODDLER MONTHLY FULL-TIME RATES, RURAL	10
TABLE 2.5. PRESCHOOL MONTHLY FULL-TIME RATES, METRO	11
TABLE 2.6. PRESCHOOL MONTHLY FULL-TIME RATES, RURAL.....	12
TABLE 2.7. SCHOOL AGE MONTHLY FULL-TIME RATES, METRO	13
TABLE 2.8. SCHOOL AGE MONTHLY FULL-TIME RATES, RURAL	14
TABLE 3.1. INFANT MONTHLY FULL-TIME RATES, METRO AND RURAL COMBINED.....	15
TABLE 3.2. TODDLER MONTHLY FULL-TIME RATES, METRO AND RURAL COMBINED	15
TABLE 3.3. PRESCHOOL MONTHLY FULL-TIME RATES, METRO AND RURAL COMBINED	15
TABLE 3.4. SCHOOL AGE MONTHLY FULL-TIME RATES, METRO AND RURAL COMBINED ...	15
TABLE 4.1-4.2. REGISTERED PROVIDER RATES, Including non-charge providers	16
TABLE 4.3-4.4. REGISTERED PROVIDER RATES, Including non-charge providers	17
APPENDIX I. DATA COLLECTION PRACTICES.....	18
APPENDIX II. SAMPLE DESIGN.....	20
BIBLIOGRAPHY.....	23

Purpose of the 2003 MRS

The 2003 MRS was conducted in order to provide the Children, Youth & Families Department (CYFD) with estimates of the current rates charged by child care providers for provision of child care. The CYFD provided the Survey Unit with a complete listing of all Licensed and Registered facilities. All Licensed facilities were contacted and effort was made to conduct an interview with the owner, director or assistant director of the facility. All Registered homes were included in the sample frame of Registered homes. The sample frame of the Registered homes was divided into metro and rural strata (referred to as geo strata or geo category below) and homes were sampled following standard systematic sampling practices. All results are presented according to these strata. No effort to correct for non-response has been made here.

A total of 1,625 interviews were completed. A total of 701 interviews were completed with Licensed providers, 440 in metro areas and 261 in rural areas. A total of 924 interviews were completed with Registered providers, 534 in metro areas and 390 in rural areas. Metro providers were defined as providers located in Bernalillo, Doña Ana, Los Alamos, Sandoval, Santa Fe, San Juan, and Valencia counties. Rural providers were defined as those located in any of the remaining counties.

Providers whose rates were subsidized by an employer, the state, or the federal government, and did not charge any private pay rates, were excluded from the estimates presented in tables 2.1 through 2.8, below, to ensure that the estimates reflected the cost of child care to parents, rather than the current CYFD rate. The estimates of registered childcare rates presented in tables 4.1 through 4.4 include those providers who accept the CYFD rate and who do not charge parents any fee for childcare. Details of the sample frame, sample design, and questionnaire, are presented below and in appendices I and II.

Respondents were free to report charges as Daily, Weekly, or Monthly charges. Daily and Weekly charges were multiplied by 22 and 4.33, respectively, to establish Monthly charges for all records. Mean rates and percentiles (median and 75th) were estimated for the following categories:

- Licensed Child Care Centers (CCC) in metro areas.
- Licensed Child Care Centers in rural areas.
- Licensed Child Care Group Home (CGC) in metro areas.
- Licensed Child Care Group Home in rural areas.
- Licensed Family Child Care Home (CHC) in metro areas.
- Licensed Family Child Care Home in rural areas.
- Registered metro providers.
- Registered rural providers.

Within each of the above groups, mean and percentile figures were estimated for care provided to children in the following age groups:

Infant (ages 0 – 23 months).	Toddler (ages 24 – 35 months).
Preschool (ages 36 – 71 months).	School Age (6 – 12 years).

2003 MRS Methodology

The survey was designed to be conducted using both mail-out and telephone survey techniques. The questionnaire was developed through a collaborative process involving staff of the CYFD and the Survey Unit, as well as members of the MRS Advisory Committee. Louise Stoney of the National Child Care Information Center also reviewed the questionnaire. A complete list of providers was provided by the CYFD.

The Survey Unit conducted a census of the licensed providers. A sample of Registered providers was drawn following the sampling plan described below. A pilot study was conducted prior to the finalization of the questionnaire. Appendix 1 provides details about the data collection methods. Appendix II includes information regarding the sample design.

Following the pilot study, a bilingual questionnaire and letter of introduction were mailed to all licensed providers and all sampled registered providers. Those that were returned were reviewed for completeness and possible errors. Many providers who completed the mail-out questionnaire had difficulty understanding and completing two complex tables that collected the fundamental information of the survey. All interviews were ultimately completed via telephone interview, even if they had returned a completed mail-out questionnaire. Just over 14% of completed interviews were conducted in Spanish, the great majority of these interviews being completed with Registered providers.

In order to more closely reflect the market, providers who did not charge for child care because they were subsidized by an employer, the state or Head Start, or because they simply did not charge for care (many registered homes provided care only to relatives and did not charge), were excluded from the estimates of market rates presented in tables 2.1 through 2.8. Additionally, those providers who only provided part-time care, defined as less than 30 hours per week, were excluded from the estimates presented here.

Sampling of Registered Providers

As stated above, a census of the Licensed providers was conducted. The goal of the sampling plan for Registered Providers was to obtain a representative sample of both metro and rural registered child care providers in the state of New Mexico. A systematic selection procedure was implemented to select a sample of providers stratified into rural and metro categories.

Little information on the sample frame was available. The CYFD provided a list including the name and location of each registered child care provider in the state. Each provider was assigned a designation of either rural or metro based upon the county in which each provider was located, following the Metro/Rural classification system of the CYFD which classifies seven counties as metro and the remaining 26 counties as rural.

Because no information was available regarding the provision of care by the age of the children, i.e., infants, toddlers, pre-schoolers, and school-age children or on care of relatives vs. non-relatives, it was not possible to consider this important factor in the sample design. As described in Appendix II, information regarding the above age groups was obtained from the final report of an earlier market rate survey conducted by Research & Polling, Inc.

Through the process described in Appendix II, it was estimated that a sample of no less than 746 metro registered providers and 759 rural registered providers was necessary in order to obtain an adequate sample of providers caring for infants, toddlers, pre-schoolers and school-age children for both metro and rural strata.

Response and Related Issues

In order to ensure that each provider was given a reasonable opportunity to be included in the survey, each was contacted up to 10 times over day, evening and weekend calling periods. Table 1, on page 4 below, summarizes the final disposition of all records. The lists of providers included all that had received payment from CYFD within the preceding 6 months. Unfortunately, as is discussed in detail below, it was found that these lists were not sufficiently up-to-date, particularly that of registered providers. Consequently, the survey resulted in only 924 completed interviews of Registered providers, in spite of having randomly selected 1,505.

Following is a description of the final disposition categories presented in the table. The number in parentheses following each disposition is the code representing the disposition in the database.

<u>Category</u>	<u>Description</u>
Completed Interview (110)	Completed Interview
Partial Complete (120)	Interview completed through the questions about charges, providing sufficient information to include the record in the calculation of the rate estimates.
Terminated (210)	Interview terminated by provider prior to completion of questions about charges. Record not included in the calculation of the rate estimates.
Refused (220)	Provider refused interview. No data collected.
Respondent Unavailable (230)	Provider not available throughout survey period. No data collected.
Language Barrier (250)	No available representative of the provider who could speak either English or Spanish. No data collected.
Part-time Only (275)	Provider only provided part-time care for all age categories, defined as less than 30 hours per week. If full-time care was provided for at least one age category, the interview was completed.
Company or State Subsidized (285)	Provider fully subsidized, either by an employer or the State or the Federal Government, no charges to parents for child care. Excluded from rate estimates.
Closed (290)	Provider no longer providing child care. No data collected.
Answering Machine (345)	All attempts to contact provider over day, evening and weekend calling periods reached only an answering machine and no alternate number available. No data collected.
No Answer (360)	All attempts to contact provider over day, evening and weekend calling periods resulted in no answer and no alternate number available. No data collected.
Busy (365)	All attempts to contact provider over day, evening and weekend calling periods resulted in a busy signal and no alternate number available. No data collected.
Fax Line (430)	All attempts to contact provider over day, evening and weekend calling periods reached only a fax machine and no alternate number available. No data collected.
Wrong Number (446)	Phone number provided by CYFD incorrect and no alternate number available. No data collected.
Nonworking Number (450)	Phone number provided by CYFD not active and no alternate number available. No data collected.

As can be seen in Table 1, interviews were completed with 77 – 88% of listed providers in the 3 licensed categories. Most of the licensed providers that were not interviewed were providers who appeared on the CYFD list but were no longer in business, or only provided part-time care.

Interviews were completed with 59% of the sampled metro registered providers and 49% of the sampled rural registered providers. Nearly 20% of sampled metro registered providers and nearly 26% of sampled rural registered providers were no longer in business. The listed phone numbers were no longer correct for an additional 14% of sampled metro registered providers and 15% of sampled rural registered providers.

The estimates for registered providers may be biased to an unknown degree. If those providers whose phone numbers were not correct, and so were not included in the survey, are still providing child care and if their rates are systematically different from those who were included in the survey, the estimates included here could be biased to an unknown degree.

In future, it is recommended that the list of providers be verified prior to conducting a survey.

Table 1.	Final Disposition by Metro/Rural Status and Provider Category							
	Metro				Rural			
	Registered	CCC	CHC	CGC	Registered	CCC	CHC	CGC
Complete Interview (110)	534 58.88%	277 79.37%	87 78.38%	76 77.55%	389 49.43%	138 77.09%	37 78.72%	86 88.66%
Partial Complete (120)	0 0.00%	0 0.00%	0 0.00%	0 0.00%	1 0.13%	0 0.00%	0 0.00%	0 0.00%
Terminated (210)	1 0.11%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%
Refused (220)	6 0.66%	1 0.29%	1 0.90%	1 1.02%	7 0.89%	1 0.56%	0 0.00%	0 0.00%
Respondent Unavailable (230)	18 1.98%	3 0.86%	3 2.70%	3 3.06%	11 1.40%	1 0.56%	1 2.13%	2 2.06%
Language Barrier (250)	0 0.00%	0 0.00%	0 0.00%	0 0.00%	3 0.38%	0 0.00%	0 0.00%	0 0.00%
Part-time Only (275)	11 1.21%	28 8.02%	1 0.90%	3 3.06%	20 2.54%	12 6.70%	0 0.00%	0 0.00%
Subsidized (285)	2 0.22%	27 7.74%	0 0.00%	0 0.00%	0 0.00%	8 4.47%	1 2.13%	0 0.00%
Closed (290)	179 19.74%	3 0.86%	8 7.21%	7 7.14%	203 25.79%	7 3.91%	4 8.51%	3 3.09%
Answering Machine (345)	18 1.98%	1 0.29%	2 1.80%	1 1.02%	13 1.65%	0 0.00%	0 0.00%	0 0.00%
No Answer (360)	7 0.77%	3 0.86%	0 0.00%	0 0.00%	8 1.02%	1 0.56%	0 0.00%	0 0.00%
Busy (365)	1 0.11%	0 0.00%	0 0.00%	1 1.02%	0 0.00%	0 0.00%	0 0.00%	2 2.06%
Fax Line (430)	0 0.00%	1 0.29%	0 0.00%	0 0.00%	2 0.25%	1 0.56%	0 0.00%	0 0.00%
Wrong # (446)	48 5.29%	1 0.29%	6 5.41%	3 3.06%	36 4.57%	1 0.56%	1 1.13%	0 0.00%
Nonworking # (450)	78 8.60%	4 1.15%	3 2.70%	3 3.06%	81 10.29%	9 5.03%	3 6.38%	4 4.12%
Total	907 100%	349 100%	111 100%	98 100%	787 100%	179 100%	47 100%	97 100%

There are several commonly used response rates. The Cooperation Rate is the response rate used here. The Cooperation Rate considers all selected respondents that have not been ruled out as inappropriate for the survey and so is a good measure of survey response. It is an outcome rate with the number of completed interviews in the numerator and the number of eligible respondents who are capable of completing the survey in the denominator. For example, those providers that were selected and then identified as no longer providing child care are excluded from the Cooperation Rate because it is not reasonable to include them in the results of the survey. Those providers who only provided part-time care are also excluded from the Cooperation Rate because the CYFD chose to exclude such providers from the estimates presented here.

The numerator of the Cooperation Rate consists of the sum of the records coded 110 and 120. The denominator of the Cooperation Rate consists of the sum of records with disposition codes of 110, 120, 210, 220, 230, and 250. Thus, the formula for the MRS Cooperation Rate is

$$\left[\frac{110 + 120}{110 + 120 + 210 + 220 + 230 + 250} \right] * 100$$

The Cooperation Rate for the Licensed providers was 97.63%. That of the Registered providers was 95.26%.

Results

Prior to calculation of the estimates presented below, high and low values were reviewed with representatives of the CYFD. In order to judge the effect of the extreme values, estimates were generated with and without the extreme values. The estimates were very similar, differing by only a few cents to a few dollars. Two extremely high values required follow-up calls to two facilities resulting in correction of two data entry errors. All other values remain as collected and are included in the estimates presented here, no low or high values being excluded from the estimates. Though the number of extremely low and high values was small and of little effect, in the future, it is recommended that sufficient time and resources be included in the sampling plan to conduct validation calls to providers reporting extremely low or high values.

Tables 2.1 through 2.8 present estimates for a given age group and region, Metro or Rural. For example, Table 2.1 presents estimates of charges for Infant care in Metro areas. Table 2.2 presents estimates of charges for Infant care in Rural areas. Each table presents information by license category and accreditation status. For example, the second and third columns in each table present estimates for Licensed Child Care Centers (CCC), by accreditation status. The final two columns in each table present estimates for Registered providers divided into two groups, those who only provide care to relatives and those who provide care to relatives and/or non-relatives.

Each column of results presents the current CYFD rate for the given category, the number of respondents (providers) included in the estimate over the total number of facilities in the given category, the minimum and maximum reported charges (together in one cell, separated by a vertical bar), the estimated mean, and the charges falling at the median and 75th percentile. The difference between the number of providers included in the estimate and the total number of

providers in the given category results from the exclusion of providers who only provide part-time care and providers who are fully subsidized and so do not charge for care.

The estimates described above are followed by the absolute difference between the current CYFD rate and the estimated mean, and this difference expressed as a percentage of the current CYFD rate. The final two rows present the absolute difference between the current CYFD rate and the 75th percentile, and this difference expressed as a percentage of the current CYFD rate.

Tables 3.1 through 3.4 present the charge at the 75th percentile for each age category, with Metro and Rural regions combined. It should be noted that the combination of Metro and Rural regions prevents the description of the differences between charges in the Metro and Rural areas. For example, Table 3.1 indicates that the 75th percentile charge for Infant care is \$544.00. However, Tables 2.1 and 2.2 indicate that the 75th percentile charge differs by \$129.78 between Metro and Rural areas. Consideration of the differences in charges between Metro and Rural regions may allow for efficient utilization of scarce resources.

Tables 4.1 through 4.4 present the estimated rates for child care by registered providers, including those providers who accept the CYFD rate alone and do not charge parents any fee for provision of full-time care. As discussed above, these providers were excluded from the estimates in tables 2.1 through 2.8. Additionally, tables 4.1 through 4.4 do not present the estimates by care for relatives versus care for non-relatives, preventing a direct comparison of these estimates to those in tables 2.1 through 2.8.

Table 2.1

Infant Monthly Full Time Rates

Metro

	Licensed Child Care Center (CCC)		Licensed Family Child Care Home				Registered Family Child Care	
	Accredited	Non-Accredited	CGC (7-12)	CGC (7-12)	CHC (<=6)	CHC (<=6)	Relative Only	Relative & Non-Rel
			Accredited	Non-Accredited	Accredited	Non-Accredited		
Current CYFD Rate	\$542.84	\$467.84	\$445.48	\$370.48	\$440.20	\$365.20	\$278.74	
Number of Respondents*	24/25	119/123	7/7	47/52	1/1	56/63	23	63
Minimum/Maximum	\$280 \$789	\$150 \$829	\$220 \$498	\$200 \$714	\$433 433	\$90 \$1,624	\$35 \$1320	\$124 \$1061
Mean (Average)	\$548.73	\$499.68	\$406.43	\$408.96	\$433.00	\$455.68	\$240.22	\$387.13
Median (50th Percentile)	\$538.13	\$480.00	\$433.00	\$396.00	\$433.00	\$433.00	\$200.00	\$368.05
75th Percentile	\$569.78	\$597.54	\$497.95	\$476.30	\$433.00	\$498.98	\$259.80	\$433.00
CYFD Rate Difference from Mean**	(\$5.89)	(\$31.84)	\$39.05	(\$38.48)	\$7.20	(\$90.48)	\$38.52	(\$ 108.39)
CYFD Rate % Difference from Mean^	1.09%	6.81%	-8.77%	10.39%	-1.64%	24.78%	-13.82%	38.89%
CYFD Rate Difference from 75th P**	(\$26.94)	(\$ 129.70)	(\$ 52.47)	(\$ 105.82)	\$ 7.20	(\$ 133.78)	\$ 18.94	(\$ 154.26)
CYFD Rate % Difference from 75th P^	4.96%	27.72%	11.78%	28.56%	-1.64%	36.63%	-6.79%	55.34%

* Numerator is the number of providers included in the calculation of the estimates in the given column. Denominator is the total number of providers in the given category. The difference between numerator and denominator is a result of the exclusion from the estimates of providers that do not charge for care, are fully subsidized, or who provide only part-time care.

**Dollar figures in parentheses are negative numbers, meaning that the current CYFD rate is that amount below the mean or 75th percentile. Dollar figures not in parentheses are positive numbers, meaning that the current CYFD rate is that amount above the mean or 75th percentile.

^ Positive percentage figures indicate the percentage increase to the CYFD Rate in order to match the mean or 75th percentile. Negative percentage figures indicate the percentage decrease to the CYFD Rate in order to match the mean or 75th percentile. A slight rounding error is present in the percentage figures, usually in the 100th decimal place.

Table 2.2

Infant Monthly Full-Time Rates

Rural

	Licensed Child Care Center (CCC)		Licensed Family Child Care Home				Registered Family Child Care	
	Accredited	Non-Accredited	CGC (7-12) Accredited	CGC (7-12) Non-Accredited	CHC (<=6) Accredited	CHC (<=6) Non-Accredited	Relative Only	Relative & Non-Rel
Current CYFD Rates	\$542.84	\$352.60	\$445.48	\$324.38	\$440.20	\$320.00	\$258.00	
Number of Respondents*	13/13	55/57	11/12	49/58	3/4	16/21	23	45
Minimum/Maximum	\$310 \$540	\$110 \$1,320	\$260 \$520	\$10 \$459	\$200 \$303	\$60 \$780	\$34 \$550	\$35 \$450
Mean (Average)	\$383.61	\$355.34	\$406.68	\$323.63	\$261.00	\$350.91	\$272.59	\$277.78
Median (50th Percentile)	\$368.05	\$340.00	\$374.00	\$324.75	\$280.00	\$314.05	\$280.00	\$280.00
75th Percentile	\$440.00	\$389.70	\$520.00	\$360.00	\$303.10	\$389.70	\$324.75	\$324.75
CYFD Rate Difference from Mean**	\$ 159.23	(\$ 2.74)	\$ 38.80	\$ 0.75	\$ 179.20	(\$ 30.91)	(\$ 14.59)	(\$ 19.78)
CYFD Rate % Difference from Mean^	-29.33%	0.78%	-8.71%	-0.23%	-40.71%	9.66%	5.66%	7.67%
CYFD Rate Difference from 75th P***	\$ 102.84	(\$ 37.10)	(\$ 74.52)	(\$ 35.62)	\$ 137.10	(\$ 69.70)	(\$ 66.75)	(\$ 66.75)
CYFD Rate % Difference from 75th P^	-18.94%	10.52%	16.73%	10.98%	-31.14%	21.78%	25.87%	25.87%

* Numerator is the number of providers included in the calculation of the estimates in the given column. Denominator is the total number of providers in the given category. The difference between numerator and denominator is a result of the exclusion from the estimates of providers that do not charge for care, are fully subsidized, or who provide only part-time care.

**Dollar figures in parentheses are negative numbers, meaning that the current CYFD rate is that amount below the mean or 75th percentile. Dollar figures not in parentheses are positive numbers, meaning that the current CYFD rate is that amount above the mean or 75th percentile.

^ Positive percentage figures indicate the percentage increase to the CYFD Rate in order to match the mean or 75th percentile. Negative percentage figures indicate the percentage decrease to the CYFD Rate in order to match the mean or 75th percentile. A slight rounding error is present in the percentage figures, usually in the 100th decimal place.

Table 2.3

Toddler Monthly Full-Time Rates

Metro

	Licensed Child Care Center (CCC)		Licensed Family Child Care Home				Registered Family Child Care	
	Accredited	Non-Accredited	CGC (7-12) Accredited	CGC (7-12) Non-Accredited	CHC (<=6) Accredited	CHC (<=6) Non-Accredited	Relative Only	Relative & Non-Rel
Current CYFD Rates	\$492.19	\$417.19	\$410.40	\$335.40	\$400.08	\$325.08	\$264.00	
Number of Respondents*	47/48	166/173	7/7	55/60	1/1	63/72	27	70
Minimum/Maximum	\$210 \$795	\$80 \$829	\$220 \$460	\$240 \$866	\$433 \$433	\$85 \$1,624	\$35 \$650	\$ 75 \$1061
Mean (Average)	\$516.50	\$443.32	\$360.79	\$397.59	\$433.00	\$412.09	\$235.56	\$350.70
Median (50th Percentile)	\$510.00	\$434.00	\$389.70	\$389.70	\$433.00	\$389.70	\$220.00	\$338.20
75th Percentile	\$575.00	\$532.00	\$433.00	\$440.00	\$433.00	\$433.00	\$303.10	\$411.35
CYFD Rate Difference from Mean**	(\$ 24.31)	(\$ 26.13)	\$ 49.61	(\$ 62.19)	(\$ 32.92)	(\$ 87.01)	\$ 28.44	(\$ 86.70)
CYFD Rate % Difference from Mean^	4.94%	6.26%	-12.09%	18.54%	8.23%	26.77%	-10.77%	32.84%
CYFD Rate Difference from 75th P***	(\$ 82.81)	(\$ 114.81)	(\$ 22.60)	(\$ 104.60)	(\$ 32.92)	(\$ 107.92)	(\$ 39.10)	(\$ 147.35)
CYFD Rate % Difference from 75th P^	16.82%	27.52%	5.51%	31.19%	8.23%	33.20%	14.81%	55.81%

* Numerator is the number of providers included in the calculation of the estimates in the given column. Denominator is the total number of providers in the given category. The difference between numerator and denominator is a result of the exclusion from the estimates of providers that do not charge for care, are fully subsidized, or who provide only part-time care.

**Dollar figures in parentheses are negative numbers, meaning that the current CYFD rate is that amount below the mean or 75th percentile. Dollar figures not in parentheses are positive numbers, meaning that the current CYFD rate is that amount above the mean or 75th percentile.

^ Positive percentage figures indicate the percentage increase to the CYFD Rate in order to match the mean or 75th percentile. Negative percentage figures indicate the percentage decrease to the CYFD Rate in order to match the mean or 75th percentile. A slight rounding error is present in the percentage figures, usually in the 100th decimal place.

Table 2.4

Toddler Monthly Full-Time Rates

Rural

	Licensed Child Care Center (CCC)		Licensed Family Child Care Home				Registered Family Child Care	
	Accredited	Non-Accredited	CGC (7-12) Accredited	CGC (7-12) Non-Accredited	CHC (<=6) Accredited	CHC (<=6) Non-Accredited	Relative Only	Relative & Non-Rel
Current CYFD Rates	\$492.19	\$345.00	\$410.40	\$320.00	\$400.48	\$315.00	\$217.69	
Number of Respondents*	16/17	84/86	12/14	56/66	2/4	15/22	24	54
Minimum/Maximum	\$260 \$540	\$70 \$1,100	\$240 \$500	\$200 \$459	\$200 \$280	\$200 \$779	\$80 \$440	\$ 75 \$ 433
Mean (Average)	\$344.08	\$330.86	\$379.18	\$312.64	\$240.00	\$363.89	\$226.78	\$292.23
Median (50th Percentile)	\$328.38	\$324.75	\$367.00	\$303.10	\$240.00	\$324.75	\$211.25	\$300.00
75th Percentile	\$382.03	\$349.20	\$500.00	\$338.87	\$280.00	\$389.70	\$280.00	\$330.00
CYFD Rate Difference from Mean**	\$ 148.11	\$ 14.14	\$ 31.22	\$ 7.36	\$ 160.48	(\$ 48.89)	(\$ 9.09)	(\$ 74.54)
CYFD Rate % Difference from Mean^	-30.09%	-4.10%	-7.61%	-2.30%	-40.07%	15.52%	4.18%	34.24%
CYFD Rate Difference from 75th P**	\$ 110.16	(\$ 4.20)	(\$ 89.60)	(\$ 18.87)	\$ 120.48	(\$ 74.70)	(\$ 62.31)	(\$ 112.31)
CYFD Rate % Difference from 75th P^	-22.38%	1.22%	21.83%	5.90%	-30.08%	23.71%	28.62%	51.59%

* Numerator is the number of providers included in the calculation of the estimates in the given column. Denominator is the total number of providers in the given category. The difference between numerator and denominator is a result of the exclusion from the estimates of providers that do not charge for care, are fully subsidized, or who provide only part-time care.

**Dollar figures in parentheses are negative numbers, meaning that the current CYFD rate is that amount below the mean or 75th percentile. Dollar figures not in parentheses are positive numbers, meaning that the current CYFD rate is that amount above the mean or 75th percentile.

^ Positive percentage figures indicate the percentage increase to the CYFD Rate in order to match the mean or 75th percentile. Negative percentage figures indicate the percentage decrease to the CYFD Rate in order to match the mean or 75th percentile. A slight rounding error is present in the percentage figures, usually in the 100th decimal place.

Table 2.5

Preschool Monthly Full-Time Rates

Metro

	Licensed Child Care Center (CCC)		Licensed Family Child Care Home				Registered Family Child Care	
	Accredited	Non-Accredited	CGC (7-12) Accredited	CGC (7-12) Non-Accredited	CHC (<=6) Accredited	CHC (<=6) Non-Accredited	Relative Only	Relative & Non-Rel
Current CYFD Rates	\$461.48	\$386.48	\$404.55	\$329.55	\$399.17	\$324.17	\$242.00	
Number of Respondents*	60/60	194/197	6/7	59/65	2/2	59/69	46	77
Minimum/Maximum	\$210 \$735	\$80 \$849	\$85 \$460	\$173 600	\$368 880	\$130 \$704	\$30 \$556	\$ 50 \$953
Mean (Average)	\$477.95	\$421.19	\$329.86	\$377.32	\$624.03	\$388.54	\$238.12	\$312.29
Median (50th Percentile)	\$480.00	\$411.35	\$359.85	\$389.70	\$624.03	\$389.70	\$220.00	\$324.75
75th Percentile	\$526.50	\$500.00	\$433.00	\$433.00	\$880.00	\$433.00	\$324.75	\$368.05
CYFD Rate Difference from Mean**	(\$ 16.47)	(\$ 34.71)	\$ 74.69	(\$ 47.77)	(\$ 224.86)	(\$ 64.37)	\$ 3.88	(\$ 70.29)
CYFD Rate % Difference from Mean^	3.57%	8.98%	-18.46%	14.50%	56.33%	19.86%	-1.60%	29.05%
CYFD Rate Difference from 75th P***	(\$ 65.02)	(\$ 113.52)	(\$ 28.45)	(\$ 103.45)	(\$ 480.83)	(\$ 108.83)	(\$ 82.75)	(\$ 126.05)
CYFD Rate % Difference from 75th P^	14.09%	29.37%	7.03%	31.39%	120.46%	33.57%	34.19%	52.09%

* Numerator is the number of providers included in the calculation of the estimates in the given column. Denominator is the total number of providers in the given category. The difference between numerator and denominator is a result of the exclusion from the estimates of providers that do not charge for care, are fully subsidized, or who provide only part-time care.

**Dollar figures in parentheses are negative numbers, meaning that the current CYFD rate is that amount below the mean or 75th percentile. Dollar figures not in parentheses are positive numbers, meaning that the current CYFD rate is that amount above the mean or 75th percentile.

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Table 2.6

Preschool Monthly Full-Time Rates

Rural

	Licensed Child Care Center (CCC)		Licensed Family Child Care Home				Registered Family Child Care	
	Accredited	Non-Accredited	CGC (7-12) Accredited	CGC (7-12) Non-Accredited	CHC (<=6) Accredited	CHC (<=6) Non-Accredited	Relative Only	Relative & Non-Rel
Current CYFD Rates	\$461.48	\$322.50	\$404.55	\$315.00	\$399.17	\$310.00	\$220.00	
Number of Respondents*	19/21	91/100	11/13	56/66	2/4	17/25	39	54
Minimum/Maximum	\$170 \$480	\$60 \$1,100	\$240 \$500	\$90 \$520	\$200 \$280	\$50 \$779	\$21 \$480	\$43 \$433
Mean (Average)	\$308.93	\$311.18	\$368.20	\$307.27	\$240.00	\$319.41	\$195.33	\$264.57
Median (50th Percentile)	\$320.00	\$303.10	\$360.00	\$300.00	\$240.00	\$303.10	\$216.50	\$259.80
75th Percentile	\$340.00	\$340.00	\$500.00	\$333.87	\$280.00	\$346.40	\$264.00	\$324.75
CYFD Rate Difference from Mean**	\$ 152.55	\$ 11.32	\$ 36.35	\$ 7.73	\$ 159.17	(\$ 9.41)	\$ 24.67	(\$ 44.57)
CYFD Rate % Difference from Mean^	-33.06%	-3.51%	-8.99%	-2.45%	-39.88%	3.04%	-11.21%	20.26%
CYFD Rate Difference from 75th P**	\$ 121.48	(\$ 17.50)	(\$ 95.45)	(\$ 18.87)	\$ 119.17	(\$ 36.40)	(\$ 44.00)	(\$ 104.75)
CYFD Rate % Difference from 75th P^	-26.32%	5.43%	23.59%	5.99%	-29.85%	11.74%	20.00%	47.61%

* Numerator is the number of providers included in the calculation of the estimates in the given column. Denominator is the total number of providers in the given category. The difference between numerator and denominator is a result of the exclusion from the estimates of providers that do not charge for care, are fully subsidized, or who provide only part-time care.

**Dollar figures in parentheses are negative numbers, meaning that the current CYFD rate is that amount below the mean or 75th percentile. Dollar figures not in parentheses are positive numbers, meaning that the current CYFD rate is that amount above the mean or 75th percentile.

^ Positive percentage figures indicate the percentage increase to the CYFD Rate in order to match the mean or 75th percentile. Negative percentage figures indicate the percentage decrease to the CYFD Rate in order to match the mean or 75th percentile. A slight rounding error is present in the percentage figures, usually in the 100th decimal place.

Table 2.7

School Age Monthly Full-Time Rates

Metro

	Licensed Child Care Center (CCC)		Licensed Family Child Care Home				Registered Family Child Care	
	Accredited	Non-Accredited	CGC (7-12) Accredited	CGC (7-12) Non-Accredited	CHC (<=6) Accredited	CHC (<=6) Non-Accredited	Relative Only	Relative & Non-Rel
Current CYFD Rates	\$412.11	\$337.11	\$400.00	\$325.00	\$394.28	\$319.28	\$242.00	
Number of Respondents*	31/33	132/143	3/4	36/50	1/1	33/52	44	65
Minimum/Maximum	\$120 \$838	\$80 \$728	\$281 \$460	\$120 \$660	\$880 \$880	\$200 704	\$50 \$542	\$14 \$961
Mean (Average)	\$445.09	\$369.76	\$357.15	\$332.90	\$880.00	\$364.85	\$195.21	\$280.21
Median (50th Percentile)	\$433.00	\$359.70	\$330.00	\$324.75	\$880.00	\$341.00	\$196.00	\$240.00
75th Percentile	\$510.94	\$434.50	\$460.00	\$389.70	\$880.00	\$400.00	\$242.00	\$346.40
CYFD Rate Difference from Mean**	(\$ 32.98)	(\$ 32.65)	\$ 42.85	(\$ 7.90)	(\$ 485.72)	(\$ 45.57)	\$ 46.79	(\$ 38.21)
CYFD Rate % Difference from Mean^	8.00%	9.69%	-10.71%	2.43%	123.19%	14.27%	-19.33%	15.79%
CYFD Rate Difference from 75th P***	(\$ 98.83)	(\$ 97.39)	(\$ 60.00)	(\$ 64.70)	(\$ 485.72)	(\$ 80.72)	\$ 0.00	(\$ 104.40)
CYFD Rate % Difference from 75th P^	23.98%	28.89%	15.00%	19.91%	123.19%	25.28%	0.00%	43.14%

* Numerator is the number of providers included in the calculation of the estimates in the given column. Denominator is the total number of providers in the given category. The difference between numerator and denominator is a result of the exclusion from the estimates of providers that do not charge for care, are fully subsidized, or who provide only part-time care.

**Dollar figures in parentheses are negative numbers, meaning that the current CYFD rate is that amount below the mean or 75th percentile. Dollar figures not in parentheses are positive numbers, meaning that the current CYFD rate is that amount above the mean or 75th percentile.

^ Positive percentage figures indicate the percentage increase to the CYFD Rate in order to match the mean or 75th percentile. Negative percentage figures indicate the percentage decrease to the CYFD Rate in order to match the mean or 75th percentile. A slight rounding error is present in the percentage figures, usually in the 100th decimal place.

Table 2.8

School Age Monthly Full-Time Rates

Rural

	Licensed Child Care Center (CCC)		Licensed Family Child Care Home				Registered Family Child Care	
	Accredited	Non-Accredited	CGC (7-12) Accredited	CGC (7-12) Non-Accredited	CHC (<=6) Accredited	CHC (<=6) Non-Accredited	Relative Only	Relative & Non-Rel
Current CYFD Rates	\$412.11	\$311.75	\$400.00	\$305.00	\$394.28	\$300.00	\$198.00	
Number of Respondents*	10/17	51/70	8/10	42/56	2/3	13/25	41	38
Minimum/Maximum	\$160 \$375	\$10 1,100	\$70 \$500	\$112 \$520	\$120 200	\$40 \$506	\$21 \$2,165	\$44 \$542
Mean (Average)	\$282.18	\$281.45	\$313.59	\$300.30	\$160.00	\$264.71	\$244.16	\$241.13
Median (50th Percentile)	\$301.00	\$280.00	\$342.38	\$300.00	\$160.00	\$240.00	\$216.50	\$245.00
75th Percentile	\$340.00	\$324.75	\$437.00	\$337.74	\$200.00	\$324.75	\$259.80	\$303.10
CYFD Rate Difference from Mean**	\$ 129.93	\$ 30.30	\$ 86.41	\$ 4.70	\$ 234.28	\$ 35.29	(\$ 46.16)	(\$ 43.13)
CYFD Rate % Difference from Mean^	-31.53%	-9.72%	-21.60%	-1.54%	-59.42%	-11.76%	23.31%	21.78%
CYFD Rate Difference from 75th P**	\$ 72.11	(\$ 13.00)	(\$ 37.00)	(\$ 32.74)	\$ 194.28	(\$ 24.75)	(\$ 61.80)	(\$ 105.10)
CYFD Rate % Difference from 75th P^	-17.50%	4.17%	9.25%	10.73%	-49.27%	8.25%	31.21%	53.08%

* Numerator is the number of providers included in the calculation of the estimates in the given column. Denominator is the total number of providers in the given category. The difference between numerator and denominator is a result of the exclusion from the estimates of providers that do not charge for care, are fully subsidized, or who provide only part-time care.

**Dollar figures in parentheses are negative numbers, meaning that the current CYFD rate is that amount below the mean or 75th percentile. Dollar figures not in parentheses are positive numbers, meaning that the current CYFD rate is that amount above the mean or 75th percentile.

^ Positive percentage figures indicate the percentage increase to the CYFD Rate in order to match the mean or 75th percentile. Negative percentage figures indicate the percentage decrease to the CYFD Rate in order to match the mean or 75th percentile. A slight rounding error is present in the percentage figures, usually in the 100th decimal place.

Table 3.1	Infant Monthly Full-Time Rates, Metro and Rural Combined					
	Licensed Child Care Center (CCC)		Licensed Family Child Care Home			
	Accredited	Non-Accredited	CGC (7-12) Accredited	CGC (7-12) Non-Accredited	CHC (<=6) Accredited	CHC (<=6) Non-Accredited
Number of Respondents	37	174	18	96	4	72
Estimated 75 th Percentile	\$544.00	\$541.25	\$497.95	\$411.35	\$368.05	\$487.13

Table 3.2	Toddler Monthly Full-Time Rates, Metro and Rural Combined					
	Licensed Child Care Center (CCC)		Licensed Family Child Care Home			
	Accredited	Non-Accredited	CGC (7-12) Accredited	CGC (7-12) Non-Accredited	CHC (<=6) Accredited	CHC (<=6) Non-Accredited
Number of Respondents	63	250	19	111	3	78
Estimated 75 th Percentile	\$541.25	\$480.00	\$460.00	\$396.00	\$433.00	\$433.00

Table 3.3	Preschool Monthly Full-Time Rates, Metro and Rural Combined					
	Licensed Child Care Center (CCC)		Licensed Family Child Care Home			
	Accredited	Non-Accredited	CGC (7-12) Accredited	CGC (7-12) Non-Accredited	CHC (<=6) Accredited	CHC (<=6) Non-Accredited
Number of Respondents	79	285	17	115	4	76
Estimated 75 th Percentile	\$510.00	\$462.00	\$440.00	\$400.00	\$624.03	\$428.50

Table 3.4	School-Age Monthly Full-Time Rates, Metro and Rural Combined					
	Licensed Child Care Center (CCC)		Licensed Family Child Care Home			
	Accredited	Non-Accredited	CGC (7-12) Accredited	CGC (7-12) Non-Accredited	CHC (<=6) Accredited	CHC (<=6) Non-Accredited
Number of Respondents	41	183	11	78	3	46
Estimated 75 th Percentile	\$455.00	\$411.35	\$460.00	\$360.00	\$880.00	\$381.04

Table 4.1	Infant Monthly Rates for Full Time Registered Family Child Care: Including Providers That Accept CYFD Rate And Do Not Charge Parents	
	Metro	Rural
Current CYFD Rate	\$ 278.74	\$ 258.00
Number of Respondents	174	130
Minimum/Maximum	\$ 35 \$ 1320	\$ 34 \$ 550
Mean (Average)	\$ 312.89	\$ 267.43
Median (50 th Percentile)	\$ 278.74	\$ 258.00
75 th Percentile	\$ 324.75	\$ 280.00
CYFD Rate Difference from Mean*	(\$ 34.15)	(\$ 9.43)
CYFD Rate % Difference from Mean^	12.25%	3.66%
CYFD Rate Difference from 75 th P*	(\$ 46.01)	(\$ 22.00)
CYFD Rate % Difference from 75 th P^	16.51%	8.53%

*Dollar figures in parentheses are negative numbers, meaning that the current CYFD rate is that amount below the mean or 75th percentile. Dollar figures not in parentheses are positive numbers, meaning that the current CYFD rate is that amount above the mean or 75th percentile.

^ Positive percentage figures indicate the percentage increase to the CYFD Rate in order to match the mean or 75th percentile. Negative percentage figures indicate the percentage decrease to the CYFD Rate in order to match the mean or 75th percentile. A slight rounding error is present in the percentage figures, usually in the 100th decimal place.

Table 4.2	Toddler Monthly Rates for Full Time Registered Family Child Care: Including Providers That Accept CYFD Rate And Do Not Charge Parents	
	Metro	Rural
Current CYFD Rate	\$ 264.00	\$ 217.69
Number of Respondents	180	136
Minimum/Maximum	\$ 35 \$ 1061	\$ 75 \$ 440
Mean (Average)	\$ 293.45	\$ 248.89
Median (50 th Percentile)	\$ 264.00	\$ 217.69
75 th Percentile	\$324.75	\$ 290.73
CYFD Rate Difference from Mean*	(\$ 29.45)	(\$ 31.20)
CYFD Rate % Difference from Mean^	11.16%	14.33%
CYFD Rate Difference from 75 th P*	(\$ 60.75)	(\$ 73.04)
CYFD Rate % Difference from 75 th P^	23.01%	33.55%

*Dollar figures in parentheses are negative numbers, meaning that the current CYFD rate is that amount below the mean or 75th percentile. Dollar figures not in parentheses are positive numbers, meaning that the current CYFD rate is that amount above the mean or 75th percentile.

^ Positive percentage figures indicate the percentage increase to the CYFD Rate in order to match the mean or 75th percentile. Negative percentage figures indicate the percentage decrease to the CYFD Rate in order to match the mean or 75th percentile. A slight rounding error is present in the percentage figures, usually in the 100th decimal place.

Table 4.3	Preschool Monthly Rates for Full Time Registered Family Child Care: Including Providers That Accept CYFD Rate And Do Not Charge Parents	
	Metro	Rural
Current CYFD Rate	\$ 242.00	\$ 220.00
Number of Respondents	268	199
Minimum/Maximum	\$ 30 \$ 953	\$ 21 \$ 480
Mean (Average)	\$ 261.53	\$ 227.26
Median (50 th Percentile)	\$ 242.00	\$ 220.00
75 th Percentile	\$ 259.80	\$ 220.00
CYFD Rate Difference from Mean*	(\$ 19.53)	(\$ 7.26)
CYFD Rate % Difference from Mean^	8.07%	3.30%
CYFD Rate Difference from 75 th P*	(\$ 17.80)	\$ 0.00
CYFD Rate % Difference from 75 th P^	7.36%	0.00%

*Dollar figures in parentheses are negative numbers, meaning that the current CYFD rate is that amount below the mean or 75th percentile. Dollar figures not in parentheses are positive numbers, meaning that the current CYFD rate is that amount above the mean or 75th percentile.

^ Positive percentage figures indicate the percentage increase to the CYFD Rate in order to match the mean or 75th percentile. Negative percentage figures indicate the percentage decrease to the CYFD Rate in order to match the mean or 75th percentile. A slight rounding error is present in the percentage figures, usually in the 100th decimal place.

Table 4.4	School Age Monthly Rates for Full Time Registered Family Child Care: Including Providers That Accept CYFD Rate And Do Not Charge Parents	
	Metro	Rural
Current CYFD Rate	\$ 242.00	\$ 198.00
Number of Respondents	270	191
Minimum/Maximum	\$ 14 \$ 961	\$ 21 \$ 2165
Mean (Average)	\$ 243.57	\$ 216.49
Median (50 th Percentile)	\$ 242.00	\$ 198.00
75 th Percentile	\$ 242.00	\$ 200.00
CYFD Rate Difference from Mean*	(\$ 1.57)	(\$ 18.49)
CYFD Rate % Difference from Mean^	0.65%	9.34%
CYFD Rate Difference from 75 th P*	\$ 0.00	(\$ 2.00)
CYFD Rate % Difference from 75 th P^	0.00%	1.01%

*Dollar figures in parentheses are negative numbers, meaning that the current CYFD rate is that amount below the mean or 75th percentile. Dollar figures not in parentheses are positive numbers, meaning that the current CYFD rate is that amount above the mean or 75th percentile.

^ Positive percentage figures indicate the percentage increase to the CYFD Rate in order to match the mean or 75th percentile. Negative percentage figures indicate the percentage decrease to the CYFD Rate in order to match the mean or 75th percentile. A slight rounding error is present in the percentage figures, usually in the 100th decimal place.

Appendix I. Data Collection Practices

CATI (Computer-Assisted Telephone Interviewing):

The Survey Unit utilizes a computer-assisted telephone interviewing system to manage sample and to record data. The software packages in use are Ci3 2.5 for questionnaire authoring and WinCati 4.1 for interviewing and data collection. Both are products of Sawtooth Technologies. The Survey Unit operates 15 interviewing stations with one Supervisor station and one Monitoring station.

The Systems Analyst of the Office of Epidemiology has established and continues to maintain a LAN to operate the CATI system. The server is a Win 2000 server, a true client server technology, and all stations are wired at 100 megabits per second.

Training:

The CYFD Market Rate Survey was scheduled to begin on February 20, 2003. The Survey Unit conducted training on the calling and interview protocols and the questionnaire for the Market Rate Survey on February 17 from 5-9pm. All interviewers were in attendance. In addition, follow-up training was conducted on February 27 and March 27, at the regularly scheduled monthly training meetings, to review and update the interviewing staff based on identified training needs and/or changes or modifications to the protocols.

In February 2003, the New Mexico Department of Health implemented individualized web-based training on the new federal Health Information Portability and Accountability Act (HIPAA) for all DOH employees and contractors. The DOH Survey Unit staff have all completed the NMDOH approved HIPAA training.

Questionnaire Development:

Survey Unit staff worked closely with CYFD staff to develop the questionnaire for mail out and the combined questionnaire that was used to develop the programmed questionnaire for use with WinCati. The proposed questionnaire was reviewed by the Market Rate Survey Advisory Committee, made up of Child care advocates and providers, as well as CYFD staff, and by Louise Stoney of the National Child Care Information Center (NCCIC). Recommendations by the committee and Ms. Stoney resulted in modifications to the questionnaire.

Protocol and Disposition Code Development:

Survey Unit staff took primary responsibility for developing the calling protocol and the disposition codes. Established protocols and disposition codes for the Behavioral Risk Factor Surveillance System (BRFSS) and the Pregnancy Risk Assessment Monitoring System (PRAMS) were used as a starting point and modified to meet the needs of the Market Rate Survey. The CYFD reviewed and approved the final calling protocol.

Programming of Questionnaire:

Each question from the mail-out questionnaire had to be reviewed and revised to be read easily over the phone. The mail-out questionnaire contained 12 questions, which included two complex tables. The telephone questionnaire mirrored the mail-out questionnaire in terms of content but was modified considerably to make the telephone questionnaire functional for

telephone interviews. Multi-part questions were broken out into individual questions and a question was developed for each cell of the 2 complex tables. The telephone questionnaire also contained an initial qualifying question (Are you currently providing child care?).

Pilot Study:

A pilot study was conducted over a two-week period ending in mid-February. This was an extremely helpful process allowing the identification of problems in coding options that would have been an issue during data collection. Based on the pilot study, skip patterns were altered, probes and guidance were developed, the order of the introduction changed, additional protocol was developed and response categories and corresponding codes were added, including:

1. No longer providing child care (Qualifying question)
2. Subsidized only (Q20, 21)
3. Part-time only (Q20, 21, 22, 23, 24, 25)
4. State child care subsidy only (Q20, 21, 22, 23, 24, 25)
5. No charge for child care (Q20, 21, 22, 23, 24, 25)
6. Reimbursement not adequate (Q34, 35)
7. Don't know/Not sure (All questions)
8. Refused (All questions)

Probes and Guidance:

Probes and guidance were developed and added to the questionnaire based on the questions respondents had difficulty understanding during pilot testing. Adding probes and guidance to the questionnaire insured that all interviewers were consistent in asking questions and providing information to respondents.

Edit/Logic checks:

Edit and Logic checks were inserted into the Ci3 2.5 questionnaire to reduce data entry error. For example: New Mexico zip codes all begin with 87 so if a non-New Mexico zip code was entered, the interviewer would be directed to verify the zip code.

Appendix II. Sample Design

Sample Size

It was determined that a sample size of no less than 150 providers for each age/geo category was necessary to estimate the mean and 75th percentile price charged for each category. Because many day care facilities provide services for some but not all of the age categories, a sample of 150 providers would result in charge information for fewer than 150 providers of care for each age group and geographic stratum. At the same time, because most provide services for more than one age category, drawing a separate sample of 150 facilities per age/stratum category would result in a sample much larger than necessary.

The list of registered day care providers obtained from CYFD did not indicate the age of children served by each facility. Therefore, results from a previous market rate survey implemented in 2001 (Research and Polling) were used to estimate the total sample size necessary to complete the desired number of interviews for each age/stratum category. Three hundred fifty-seven (357) surveys were completed in the 2001 survey, resulting in a number of age-stratum specific responses ranging from 53 responses in the Metro Toddler category to 84 in the Metro Preschool category. In other words, the 357 completed surveys resulted in 53 responses providing pricing information for toddlers in metro areas, 54 responses providing this information for toddlers in rural areas, 84 responses for pre-school pricing in metro areas, and so on. Table AI.1 provides this complete information.

The number of responses from all age/geo categories were added together to obtain the total number of age/geo specific responses (540). This is the number of responses within each age/geo category provided by the total number of 357 completed interviews. The ratio of these two numbers (357 / 540, or 0.661) was used to calculate the total number of completed interviews necessary to produce the desired number of responses per age/geo category (150).

Table AI.1	Number of metro age/stratum specific responses	Number of rural age/stratum specific responses	TOTAL age/stratum specific interviews for each age category
Infant	62	63	125
Toddler	53	54	107
preschool	84	83	167
School	66	75	141
TOTAL age/stratum specific interviews providing strata	265	275	Total age/stratum specific interviews: 540 Total completed interviews: 357 Ratio of number of age/stratum specific interviews to number of total completed interviews: 540/357 = 0.661

In order to estimate the number of interviews necessary for each age/geo category, a simple inflation factor was calculated that was equal to the ratio of the minimum desired sample size for each category (150) to the number of interviews completed for the age/geo category with the

fewest number of interviews completed in the 2001 survey. For instance, in the metro strata, the lowest number of age specific interviews completed was 53, for toddlers. The number of interviews completed for toddlers was multiplied by the inflation factor (150/53) to arrive at the number of interviews necessary (150). Table AI.2 illustrates how this was done for each age category in each geo stratum.

Table AI.2	2001 metro age/stratum specific interviews	Metro inflation factor	Desired metro age/stratum specific interviews	2001 rural age/stratum specific interviews	Rural inflation factor	Desired rural age/stratum specific interviews
Infant	62	150 / 53	176	63	150 / 54	175
Toddler	53	150 / 53	150	54	150 / 54	150
preschool	84	150 / 53	238	83	150 / 54	231
School	66	150 / 53	187	75	150 / 54	209
TOTAL age/stratum specific interviews to be completed for each stratum			751			765

The total number of interviews to be completed in each geo stratum, as obtained from Table AI.2 (751 metro, 765 rural), was multiplied by the ratio of the number of completed interviews to the number of age/geo specific cells as obtained from Table AI.1 (357 / 540, or 0.661). The result is the total number of completed interviews necessary to obtain the minimum sample size of 150 for each age/geo category, presented in Table AI.3. An adjustment to this number for an expected 66% response rate results in a final sample size of 746 for the metro stratum and 759 for the rural stratum.

Table AI.3	Metro	Rural
Total number of age/strata specific interviews necessary	751	765
Total number of completed interviews necessary to obtain the desired number of age/strata specific interviews	497	506
Necessary sample size, adjusted for 66% response rate	746	759

Therefore, in order to obtain an adequate sample of providers caring for infants, toddlers, pre-schoolers and school-age children for both metro and rural strata, it was estimated that a sample of no less than 746 metro registered providers and 759 rural registered providers was necessary.

The proportion of providers to be selected on each list was determined by dividing the sample size by the total number of providers on the list (Metro: $746/4772 = 0.156$; Rural: $759/4501 = 0.169$). The inverse of this proportion was rounded down to the nearest whole number, and this number was used as the sampling interval (Metro: $1/0.156 = 6.40$, rounded to 6; Rural: $1/0.169 = 5.93$, rounded to 5). The order of the providers on each list was randomized and renumbered starting at one. For each list, a random starting number less than the corresponding sampling interval was selected with a random numbers chart. The provider with the new ordered number equal to the starting number was the first selected provider. From that provider, entries in the list were counted down, and every provider located at a distance equal to the sampling interval from the previously selected provider was also selected. For instance, the sampling interval for the metro list was 6, and the starting number was 4. In this case, the fourth entry (starting number) on the randomly ordered list was selected first, and every sixth entry (sampling interval) on the list after the fourth was also selected (i.e., 4, 10, 16, 22, 28, etc.) This selection procedure was repeated until the end of each list.

By rounding the sampling interval down, the final number of providers selected was greater than minimum sample size already determined. Nine hundred rural providers and 795 metro providers were selected for the sample.

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