

Final Report

**Analysis of the**

**2006 Ohio Child Care Market Rate Survey**

Prepared for the

Ohio Department of Job and Family Services

by



The Ohio State University  
Statistical Consulting Service

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## Executive Summary

The Ohio Department of Job and Family Services (ODJFS) and the Ohio State University Statistical Consulting Service (SCS) worked together to design, administer, and analyze the 2006 Ohio Child Care Market Rate Survey. The goal of the survey is to characterize the unsubsidized, or private pay, market rates for child care throughout the state.

The 2006 Market rate survey was designed to determine the distribution of unsubsidized market rates for each of 15 child care service categories defined by five age categories (infants, toddlers, pre-school, school-age during the school year, and school-age during the summer) and three rate categories (full-time weekly, part-time weekly, and hourly). The survey was sent to 10,387 providers throughout the state. These providers consisted of licensed centers, type-A licensed providers, certified type-B home providers, and registered home providers. Between the initial mailing of the survey on March 15, 2006 and the cut-off date of May 5, 2006, 3,591 surveys containing usable rate data were received. The overall response rate was 35.00%. The response rate for licensed centers was 51.66% and the response rate for certified providers was 27.68%.

After entering the data into a statistical analysis database quality control analyses were conducted on the reported rate data. Overall, it was determined that providers were accurate with respect the rates they reported on the survey compared to their published rate sheets.

In order to divide counties into groups with similar rate structures, the statistical analysis methodologies known as principal components and cluster analysis were conducted. The output from these analyses was used to divide the counties into 6 distinct county groups. The rate structures were similar for counties within each county group but significantly different across the county groups. Each county was placed into one, and only one, of these six groups.

Finally, the 50<sup>th</sup>, 55<sup>th</sup>, 60<sup>th</sup>, 65<sup>th</sup>, 70<sup>th</sup>, 75<sup>th</sup>, 80<sup>th</sup>, 85<sup>th</sup>, 90<sup>th</sup>, and 95<sup>th</sup> percentiles were calculated for the unsubsidized rate distributions. The percentiles were calculated at the state-wide and county group levels for each of the 15 child care service categories. At the state-wide level, the percentiles were calculated for licensed centers only, licensed type-A providers only, all licensed providers combined, certified providers only, registered providers only, and certified and registered providers combined. At the county group level, the percentiles were calculated for all licensed providers combined and for certified and registered providers combined. In each case the percentiles were calculated using normal approximations to the rate distributions. Tables reporting these percentiles can be found in Section 8 of this report, starting on page 31.

# 1. Project Background

The Ohio Department of Job and Family Services (ODJFS) develops and oversees programs designed to help Ohioans gain access to child care services. Part of this effort involves financial assistance to low-income families in the form of tuition subsidies. Federal regulations require that child care subsidy rate ceilings be based on the unsubsidized rates that child care providers charge parents around the state. The goal is to set subsidy rates high enough to ensure access to child care for low-income families but low enough that prices are not inflated and the cost to taxpayers is not excessive. Federal rules require that states conduct child care market rate surveys every two years as part of their program to ensure access to child care for low-income families.

The primary goal of this project is to develop reasonable estimates of the distribution of unsubsidized rates that Ohio child care providers charge the general public. These rates are known to vary by the age of the child, the amount of time the child is being cared for, and the geographic location of the provider within the state. ODJFS conducted market rate surveys in 2000, 2002, and 2004. The 2006 market rate survey was conducted during March and April of 2006. The 2006 survey involved modifications to the design of the survey instrument intended to address recent changes in the system of child care subsidy payments and to improve the quality of data reported by the providers. In addition, improvements have been made to the statistical methods employed to estimate the unsubsidized market rates.

This document is divided into eight main sections and eight appendixes. Sections 2 and 3 address the design and administration of the survey. These sections include information on the total population of providers to which surveys were sent and the methodologies used for obtaining responses to the survey. The survey instruments and letters to providers can be found in the appendixes. Section 4 describes the data entry and data editing tasks that were conducted before the analysis of the data. Section 5 contains summaries of the response rates to the survey broken down geographically and by provider type. Section 6 discusses the results of the quality control component of the survey project. Section 7 describes the statistical methods that were used to analyze the rate data. These methods included techniques to determine an objective clustering of counties into county groups based on their overall rate structures. The rate structures are similar for counties within each county group but significantly different for counties across the county groups. Finally, Section 8 reports the market rate distributions and associated percentiles. Standard statistical techniques were employed to estimate the percentiles of the rate distributions within the child care service categories as reported in that section.

## **2. Study Design**

### **2.1. Definition of the Sampling Frame**

The sampling frame was defined to be all child care providers that could be obtained from one of three sources. The first source was the State of Ohio child care provider database. This database contains the names and addresses of all licensed and type-B certified child care providers in the state of Ohio, so all providers in the database could be contacted directly. The second source was a database obtained from the Ohio Child Care Resource and Referral Association (OCCRRA). This database contained information on a large number of registered providers throughout Ohio. Providers in this database could also be contacted directly. The third source was the database of a local resource and referral agency (R&R) located in the Cleveland area. This third database contained contact information for some registered providers not listed in the other two databases. This R&R database was not directly available, so these providers were contacted indirectly using the Cleveland R&R as an intermediary.

The State of Ohio child care provider database contained a total of 10,082 providers that fall into the following categories:

- Type B Certified Home Providers – 5,662 providers. Seven providers were removed from this list for insufficient address information.
- Licensed Center Providers – 4,420 providers, including 201 type-A home providers. Fifteen providers were removed from this list for insufficient address information. At the request of ODJFS, 420 Head Start providers and 790 providers identified as “part-time only” were also removed from the list because they were thought to be pre-school programs and therefore not part of the child care market.

The OCCRRA database contained a total of 1,240 registered providers. Three providers were removed from the list because of insufficient address information.

The Cleveland R&R database contained a total of 330 registered providers.

### **2.2. Survey Development and Preliminary Testing**

Several tasks were completed to develop the survey instrument. Several meetings were held between SCS and ODJFS staff to discuss the design of the survey. Discussions focused on the definition of the child care service categories, the wording of the letters of introduction sent to the providers, and the design of survey instruments.

In addition to these basic development activities, a series of five focus groups were held with SCS, ODJFS, and provider representatives throughout the state. Focus groups were held in the following cities:

- Chillicothe
- Columbus
- Toledo
- Cincinnati
- Cleveland

Provider representatives were recruited through local resource and referral agencies with the assistance of OCCRRA. Provider representatives were paid \$25 for their participation. Local R&R agencies hosted the sessions. At the sessions the provider representatives were given drafts of the survey letters and questionnaires. In addition they were given other information about the market rate survey process. The provider representatives were then asked to give feedback on the survey materials and process. Particular attention was paid to feedback relevant to increasing participation in the survey and making the questionnaire simpler. The survey letters and questionnaires were revised between focus group sessions so that each group saw and gave feedback on the latest versions of the survey materials.

### 3. The Survey Process

The survey was conducted using a mailed paper survey. A multiple-contact approach based on the Tailored Design Method [1] was used to increase the response rate. On March 11, 2006 each provider was mailed a notification letter that briefly explained the project and informed the provider that they would be receiving a survey within a few days. Survey packets were mailed on March 15, 2006. These packets contained a cover letter explaining the survey, a copy of the survey instrument with a tracking code printed on it, instructions for completing the survey, and a self-addressed, stamped business reply envelope for returning the survey. On March 23, 2006 each provider was mailed a postcard that acted as a “thank you” for those who had returned the survey and as reminder for those who had not returned the survey. On April 12, 2006 a second survey packet was mailed to those providers who had not responded to the initial mailing. This packet contained a cover letter that stressed the value of the provider’s participation, a copy of the survey instrument, instructions for completing the survey, and a self-addressed, stamped business reply envelope for returning the survey.

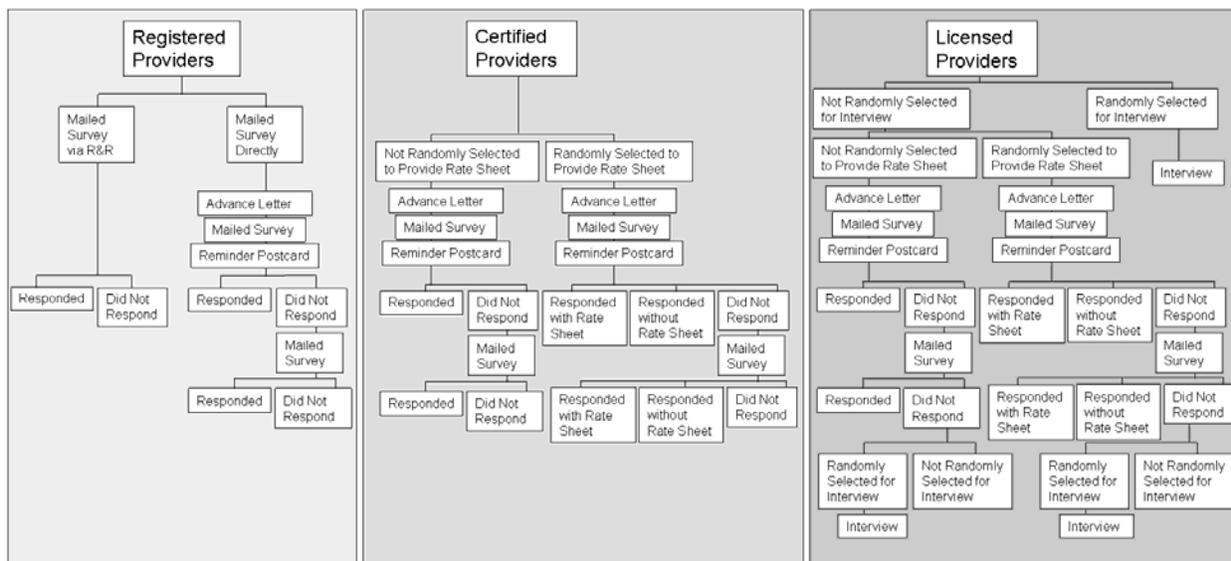
For almost all of the providers included in the survey, questionnaires were mailed to the providers directly. However, there were some registered providers listed with the Cleveland R&R for which direct mailing was not possible. For those providers listed with the Cleveland R&R, mail surveys were instead sent to the Cleveland R&R. The Cleveland R&R then distributed the surveys to the individual providers. The completed surveys were returned directly to the SCS for this group just as with all of the other providers.

Some of the providers who received the mailed paper survey were asked to provide their current rate sheets along with the completed survey. Random samples of 750 licensed providers, 1000 certified providers, and 400 registered providers from the OCCRRA database were selected to provide this additional information. These collected rate sheets were then used by the SCS as a quality control check to determine the accuracy of the rates reported in the survey compared to the rates published in the provider rate sheets.

In addition to the paper survey, 30 licensed providers were randomly selected from the ODJFS database to be interviewed directly by ODJFS staff. These providers were not sent a mailed paper survey, and will be contacted for interviews in the future. The purpose of this activity is to determine whether the administration of the survey by a direct interview with the provider is more effective for obtaining accurate rate data than survey administration by mail. The providers that will have a direct interview were chosen from three counties: Hamilton, Tuscarawas, and Hancock. These three counties represent different degrees of population density. The number of providers chosen in each county is shown in Table 1. The rate data collected from these providers is not yet available and therefore was not used in the analysis. Figure 1 illustrates the logic of the survey administration process.

**Table 1. Number of licensed providers randomly selected for direct interviews**

County	Number of Licensed Providers Chosen
Hamilton	14
Tuscarawas	10
Hancock	6



**Figure 1. Survey administration process for the three groups of providers.**

## 4. Data Entry and Data Editing

Completed surveys were accepted through May 5, 2006. As the surveys were received they were opened and logged into an Excel database, reviewed for questionable data, and sorted by provider type (licensed, certified, or registered). Surveys containing questionable data were reviewed on an individual basis. When possible the questionable data were corrected prior to submitting the survey to the data entry process. Rules for data editing were applied based on the questionnaire instructions. For example, when multiple rates were given, the highest rate was marked for data entry because the questionnaire asked for undiscounted rates.

A small percentage of returned questionnaires were determined to be unusable. For example, some providers destroyed the identification number on the first page of the survey. This number places the provider in a specific geographic location and is required for the survey to be used in the statistical analysis.

An outside vendor was contracted to perform the data entry process. The vendor used a double-entry method to eliminate data entry error. The data were submitted to the SCS in an ASCII flat file format for both the licensed providers and the certified/registered providers.

Once the survey data file was made available by the vendor, a statistical analysis database was constructed by the SCS. To create this database, key provider demographic data were merged with the survey data. For example, the provider zip code was merged with the survey data. The zip code data were then used to establish the provider's geographic location within the state. The provider's location was assumed to be approximately equal to the zip code centroid.

The following edits were made to the data.

- All rates reported as \$0.00 by the providers were set to missing.
- A comparison of the number of children enrolled versus the number of subsidized children serviced by child service category was performed. If the number of children enrolled was less than the number of subsidized children serviced, there was clearly an error on the part of the provider filling out the survey since this situation is impossible. The most likely cause of this error is that the provider entered the number of unsubsidized children in the space where they should have entered the total number of children. Consequently, the problem was corrected by storing the sum of the number entered for the children enrolled and the number entered for the number of children subsidized as the total number of children enrolled.
- For each rate and age category, the number of unsubsidized children was calculated by subtracting the number of subsidized children from the total number of enrolled children. If either of these pieces of information was missing, no value was entered for the number of unsubsidized children.

- Wherever the weekly full-time rates were blank but information was provided in other units, the rates were converted to full-time weekly rates using the following calculations.
  - For “other billing period” set to month, the monthly rate was divided by 4.28.
  - For “other billing period” set to hour, the hourly rate was multiplied by 40.
  - For “other billing period” set to day, the daily rate was multiplied by 5.
  - For “other billing period” set to 4 hours, the 4 hour rate was divided by 4 then multiplied by 40.
  - For “other billing period” set to year, the yearly rate was divided by 52.

Wherever the weekly part-time rates were blank but information was provided in other units, the rates were converted to part-time weekly rates using the following calculations.

- For “other billing period” set to month, the monthly rate was divided by 4.28.
- For “other billing period” set to hour, the hourly rate was multiplied by 21.
- For “other billing period” set to day, the daily rate was multiplied by 3.
- For “other billing period” set to 4 hours, the 4 hour rate was divided by 4 then multiplied by 21.
- For “other billing period” set to year, the yearly rate was divided by 52.

After making these adjustments to the rate data, dotplots of full-time weekly, part-time weekly, and hourly rates were created for each of the five (5) age categories for licensed, certified, registered, and licensed type-A providers. From these dotplots, it was clear that some outliers needed to be removed prior to the statistical analysis. In each case the average and standard deviation of the reported rates were calculated. Rates that were more than three standard deviations from the mean rate were considered outliers and were removed from the analysis.

The data reported for the hourly rates was more problematic than the other rate data. For the hourly rate data an estimate of the standard deviation of rates was used rather than the true standard deviation since there were some large outliers that might otherwise bias the standard deviation calculation. Once this estimate was obtained, rates that were more than three estimated standard deviations from the overall mean were removed.

## 5. Response Rate Analysis

Prior to the execution of the statistical analyses of the rate data a response rate analysis was conducted. A total of 10,387 surveys were mailed to providers in the provider databases. Providers were asked to return questionnaires marked “NA” if they were no longer providing child care services. These providers were listed in the provider databases, but they no longer provide child care services. Therefore they were not eligible to participate in the survey, and they are not included in the response rate calculations.

A total of 3,591 completed surveys containing "useable" rate data were received. Individual completed surveys were excluded for several reasons including the following:

- provider identifying information required to place the provider geographically was intentionally removed from the survey
- information was filled out incorrectly and was not editable
- no geographic information was available to classify the provider.

The response rates by category are reported in Table 2. The response rates in this table were calculated using the RR1 formula as defined by the American Association for Public Opinion Research. This is the most conservative method for calculating response rates.

**Table 2. Response Rates by Category**

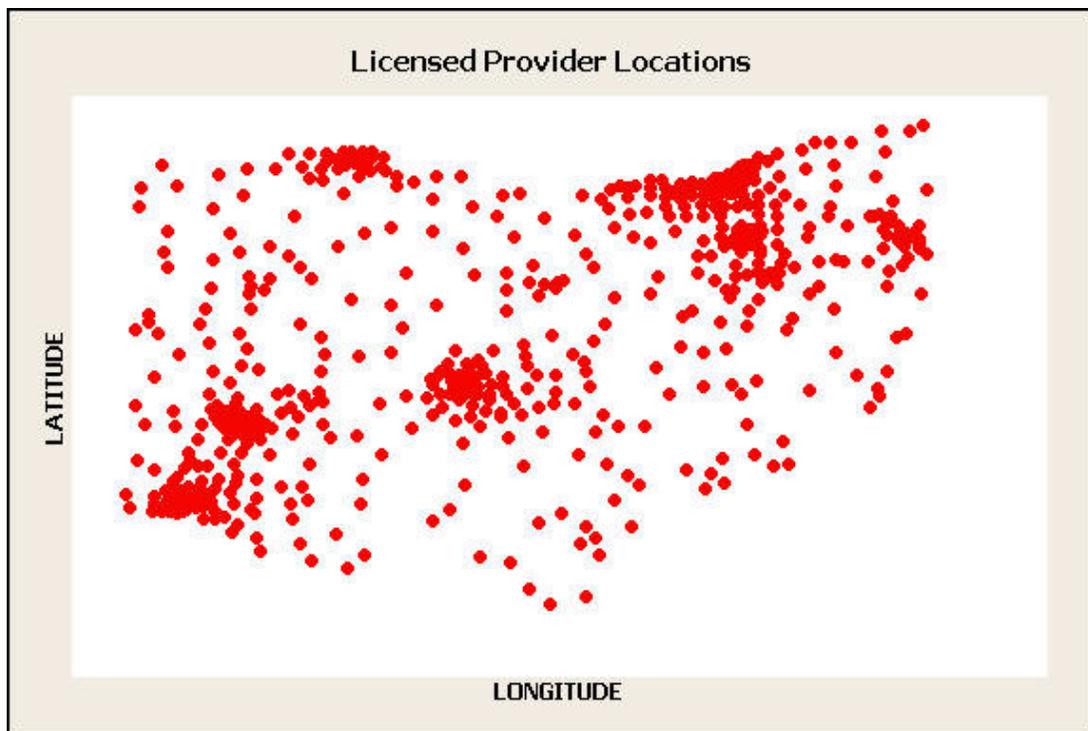
Category	Total Mailed Surveys	Eligible (Survey not returned as NA)	Usable Responses	Response Rate (Percent)
Licensed Centers	2964	2935	1537	52.37
Licensed Type-A	201	197	81	41.12
All Licensed Providers	3165	3132	1618	51.66
Certified Home Providers	5655	5605	1670	29.79
Registered Providers	1567	1523	303	19.89
All Certified and Registered Providers	7222	7128	1973	27.68
Overall Total	10387	10260	3591	35.00

In addition to the surveys returned and marked "NA", there were 152 providers in the database for which the survey was returned as "undeliverable". It is possible that these providers are no longer in business, so the response rates were recalculated after removing these providers from the database. The results are presented in Table 3 and were calculated using the American Association for Public Opinion Research RR3 formula. Since so few surveys were returned as undeliverable, the recalculated response rates only changed slightly compared to the original calculations.

**Table 3. Response rates by category with providers with undeliverable addresses removed**

Category	Total Mailed Surveys	Eligible (Survey not returned as NA nor undeliverable)	Usable Responses	Response Rate (Percent)
Licensed Centers	2964	2881	1537	53.35
Licensed Type-A	201	196	81	41.33
All Licensed Providers	3165	3077	1618	52.58
Certified Home Providers	5655	5560	1670	30.04
Registered Providers	1567	1482	303	20.45
All Certified and Registered Providers	7222	7042	1973	28.02
Overall Total	10387	10119	3591	35.49

The responses were also analyzed in terms of their geographic distribution across Ohio for both the licensed providers and certified and registered providers. For each of these two groups, the providers in the provider database were plotted with respect to their geographic location defined by their zip codes. This analysis produced distribution maps as illustrated in Figure 2. In addition these same maps were created for the providers who responded to the survey and for the providers who did not respond to the survey. The three distribution maps corresponding to the licensed providers are shown in Figure 2 through Figure 4. The three distribution maps corresponding to the certified providers are shown in Figure 5 through Figure 7.



**Figure 2. Geographic locations of all licensed providers**

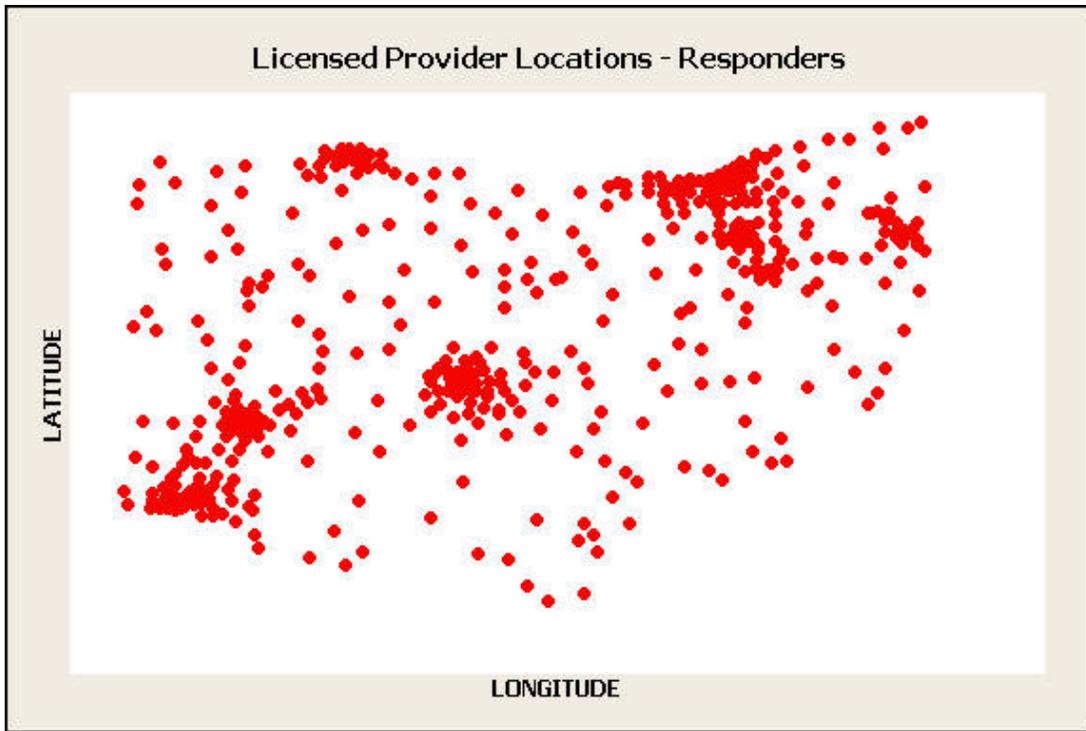


Figure 3. Geographic locations of licensed providers who responded to the survey

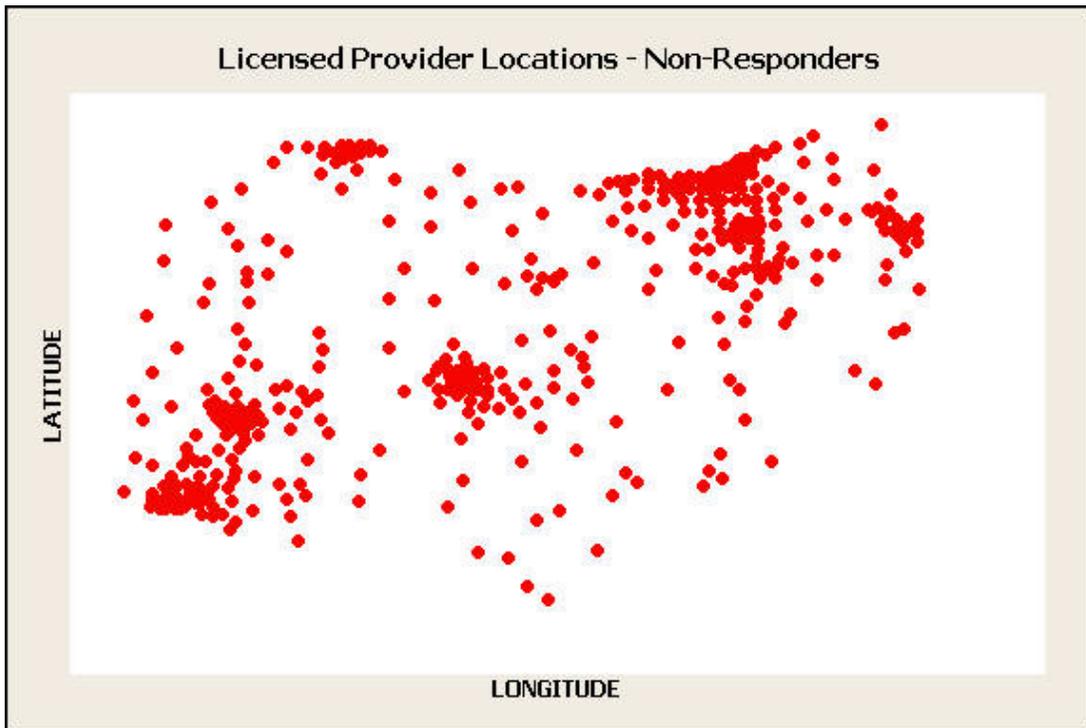
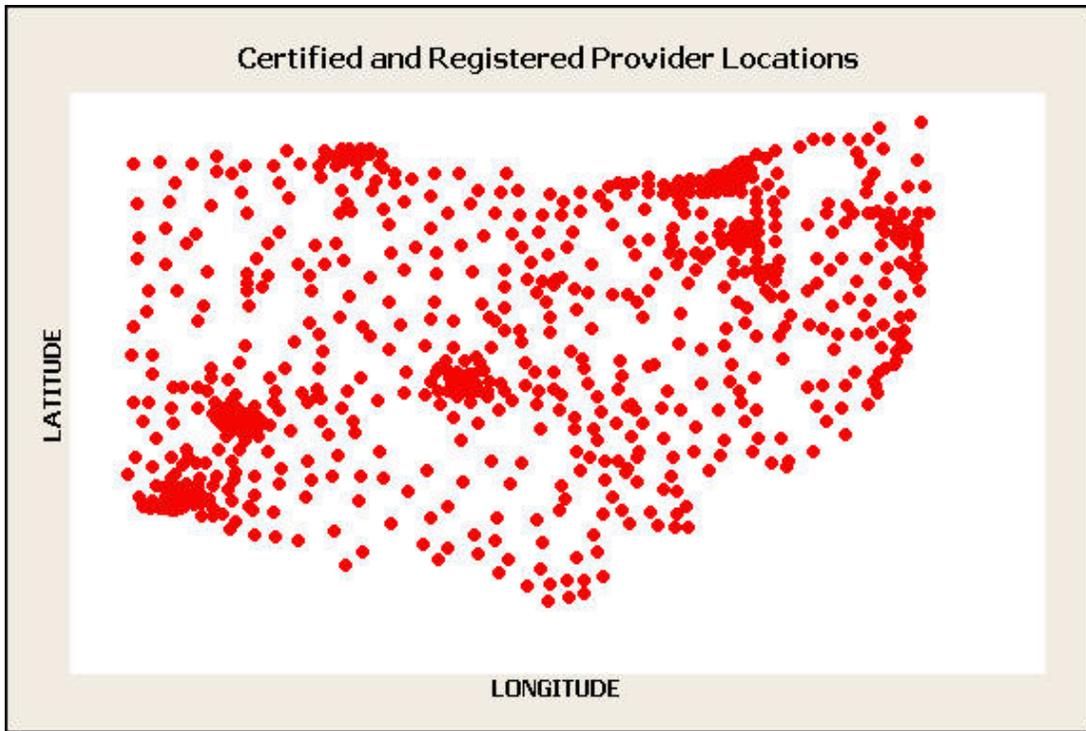
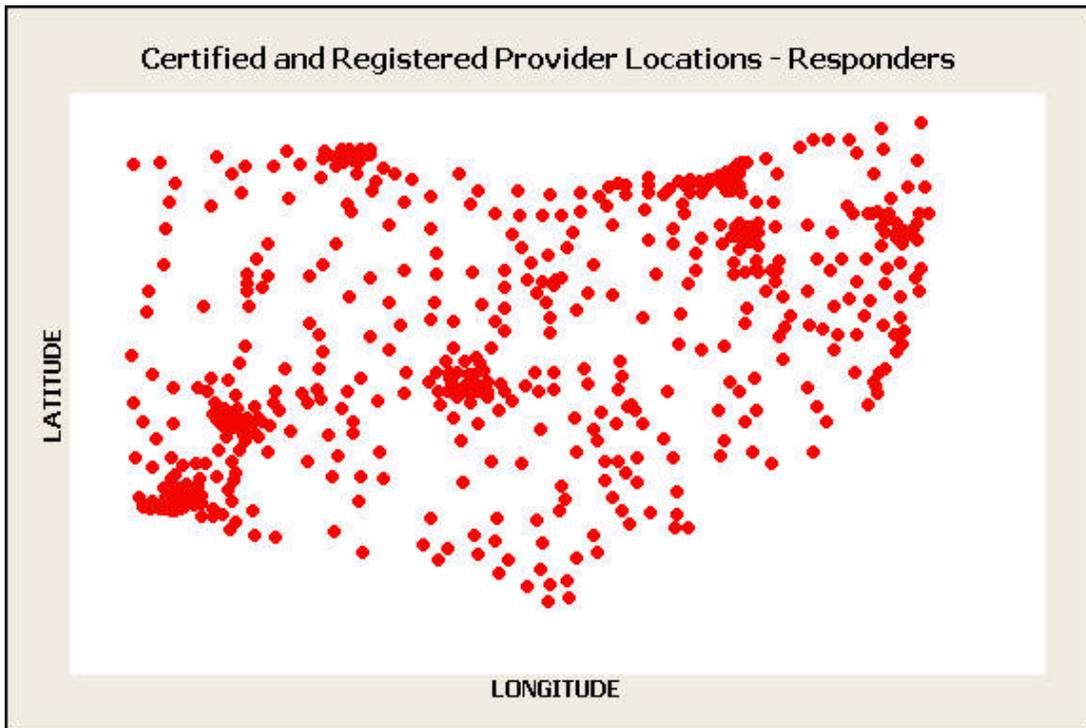


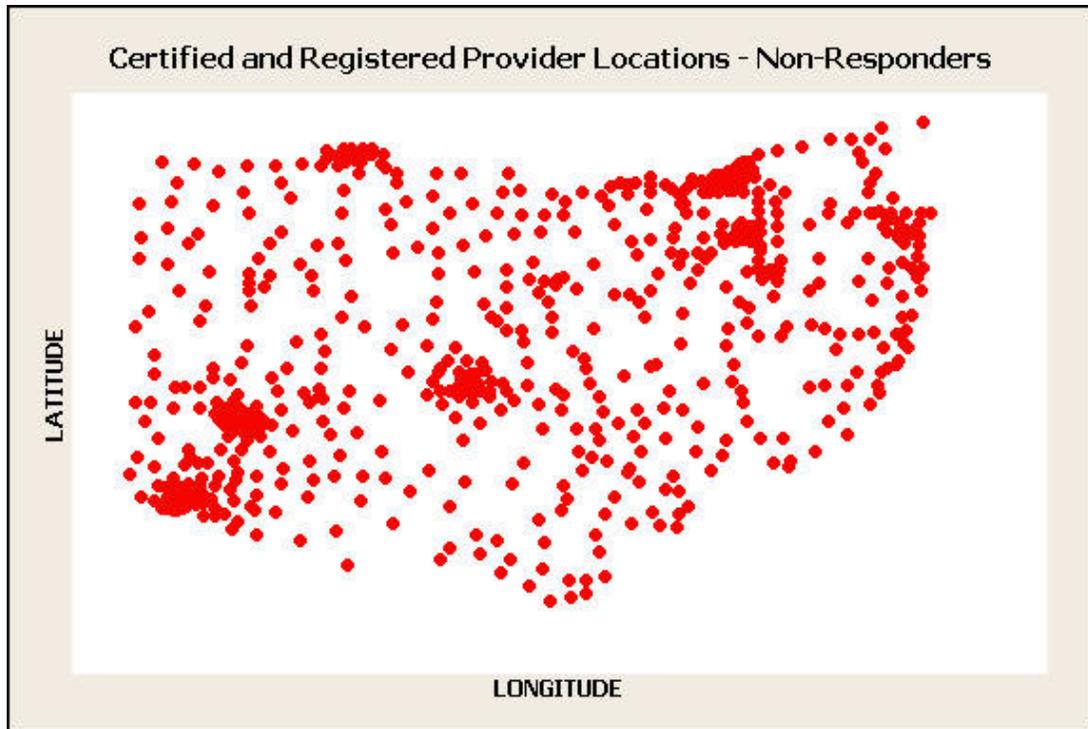
Figure 4. Geographic locations of licensed providers who did not respond to the survey



**Figure 5. Geographic locations of all certified and registered providers**



**Figure 6. Geographic locations of certified and licensed providers who responded to the survey**



**Figure 7. Geographic locations of certified and licensed providers who did not respond to the survey**

An examination of these maps reveals that the overall geographic distribution of providers is essentially the same for all providers, providers who responded to the survey, and providers who did not respond to the survey for both the licensed and certified/registered provider groups. This similarity between the patterns suggests that no geographic region is more or less likely to respond to the survey than any other region.

## 6. Analysis of the Accuracy of the Submitted Rate Data

A total of 750 licensed centers, 1,000 certified home providers, and 400 registered providers were asked to include a copy of their current rate sheet along with their completed survey. Rate sheets were received from 157 licensed centers, 60 certified home providers, and 9 registered providers. An analysis was conducted to assess the accuracy of the rates submitted on the survey by comparing rates published on rate sheets to the rates provided on the completed surveys.

A duplicate version of the survey was completed by the SCS for those providers submitting rate sheets. This duplicate survey was created by replacing the rates reported by the provider on the survey with the rates on the rate sheets.

The accuracy of the survey rate data was assessed by calculating the percent error as shown below.

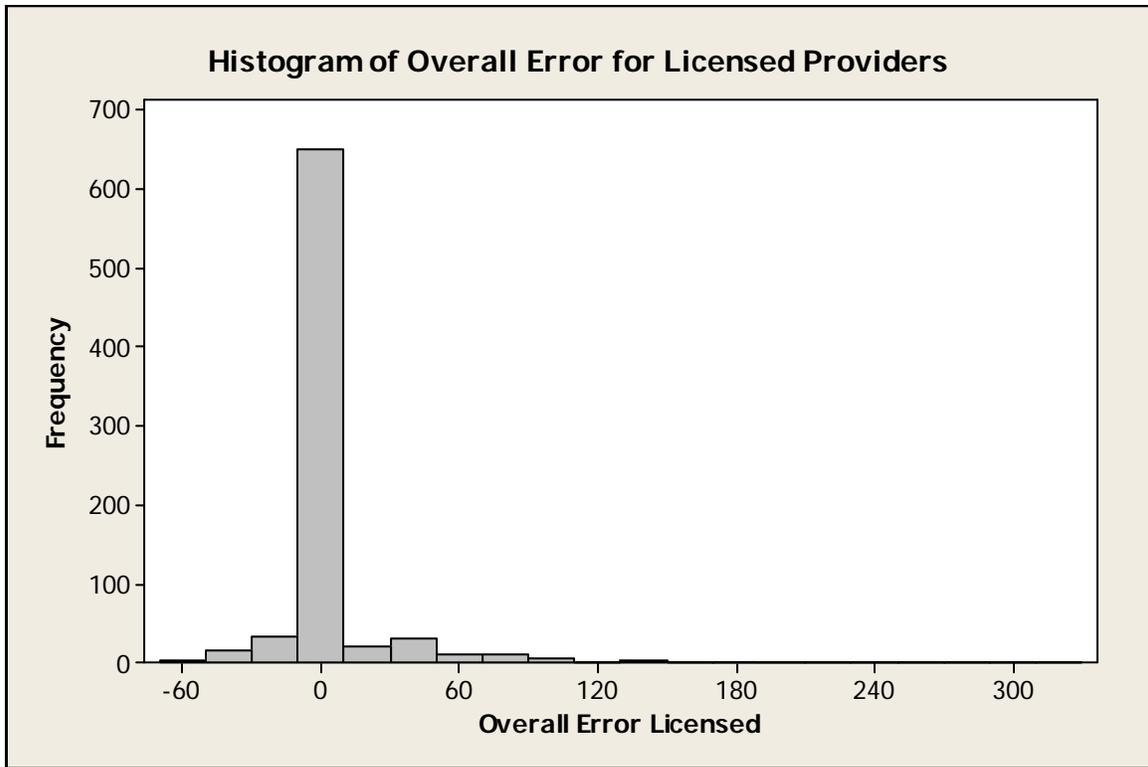
$$\text{Error Rate} = 100 \times [(\text{survey rate}/\text{rate from the rate sheet}) - 1]$$

This error rate is a percentage error – values below 100% indicate under-reporting of rates relative to the rate sheets while values above 100% indicate over-reporting of rates relative to the rate sheets. The error rates were analyzed separately by provider type. All licensed providers were combined, and all certified and registered providers were combined.

The error rates for licensed providers are listed in Table 4. The overall mean error rate for licensed providers is 3.403 percent with a median of 0 percent. Among the 782 non-missing licensed provider rates, 592 rates matched exactly to the rate sheets while 101 rates were over-reported and 89 were under-reported compared to the rate sheets.

For licensed providers, only one of the age/rate categories has an error rate which is significantly different from zero. The average error rate for part-time care for school-age children during the school year was 24.5 percent. Among the 111 responses for this category, 55 providers matched the rate sheets, 48 over-reported and only 8 under-reported compared to the rate sheets. This age/rate category appears to be biased towards over-reporting (p-value < 0.001).

The error rates for certified/registered providers are listed in Table 6. The overall mean error rate for certified/registered providers is 2.3 percent with a median of 0 percent. Among the 671 non-missing licensed rates, 466 rates matched exactly to the rate sheets, while 120 rates were over-reported and 85 under-reported compared to the rate sheets. For certified/registered providers, none of the individual age/rate categories have an error rate significantly different from zero.



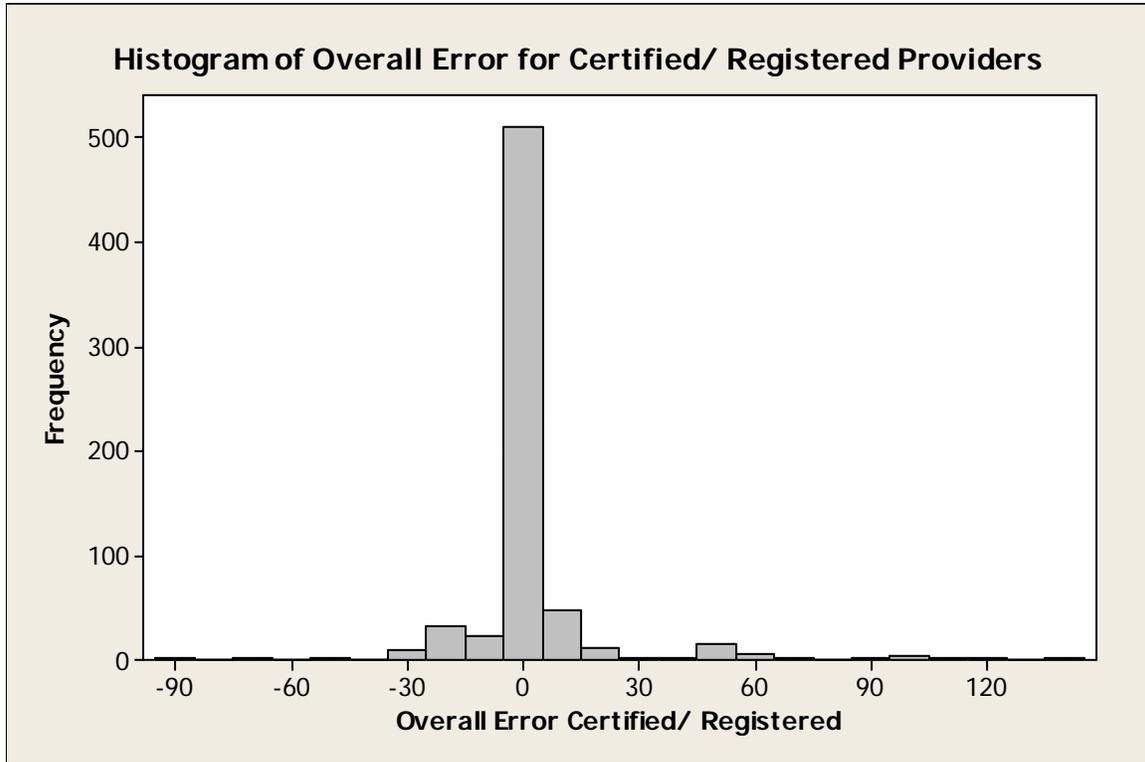
**Figure 8. Distribution of Error Rates for Licensed Providers**

**Table 4. Summary of Licensed Provider Error Rates**

Age/Rate Category	Number of Rates	Number of Missing Rates	Mean Error Rate	Standard Error of the Mean	Standard Deviation
INFANT - Full Time Weekly	66	91	-0.558%	0.814	6.617
INFANT - Part Time Weekly	38	119	-2.330%	1.280	7.900
INFANT - Hourly	18	139	0.000%	0.000	0.000
TODDLER - Full Time Weekly	89	68	-0.799%	0.836	7.890
TODDLER - Part Time Weekly	56	101	1.840%	1.700	12.740
TODDLER - Hourly	6	151	0.000%	0.000	0.000
PRESCHOOL - Full Time Weekly	94	63	-1.065%	0.724	7.020
PRESCHOOL - Part Time Weekly	64	93	-1.060%	1.450	11.570
PRESCHOOL - Hourly	20	137	-0.697%	0.637	2.849
SCHOOLAGE - Full Time Weekly	48	109	5.400%	4.770	33.040
SCHOOLAGE - Part Time Weekly	111	46	24.510%	4.400	46.350
SCHOOLAGE - Hourly	30	127	2.790%	1.940	10.620
SCHOOLAGE SUMMER – Full Time Weekly	79	78	-1.790%	1.090	9.670
SCHOOLAGE SUMMER – Part Time Weekly	43	114	0.151%	1.610	10.570
SCHOOLAGE SUMMER - Hourly	20	137	0.375%	0.375	1.677

**Table 5. Sign Test for Median Error Rate among Licensed Providers**

Age/Rate Category	Median Error Rate	Below Zero	Equal to Zero	Above Zero	p-value
INFANT - Full Time Weekly	0	5	60	1	0.2188
INFANT - Part Time Weekly	0	7	30	1	0.0703
INFANT - Hourly	0	0	18	0	1.0000
TODDLER - Full Time Weekly	0	12	72	5	0.1435
TODDLER - Part Time Weekly	0	7	43	6	1.0000
TODDLER - Hourly	0	0	6	0	1.0000
PRESCHOOL - Full Time Weekly	0	13	74	7	0.2632
PRESCHOOL - Part Time Weekly	0	12	46	6	0.2379
PRESCHOOL - Hourly	0	2	18	0	0.5000
SCHOOLAGE - Full Time Weekly	0	7	31	10	0.6291
SCHOOLAGE - Part Time Weekly	0	8	55	48	***0.0000
SCHOOLAGE - Hourly	0	0	28	2	0.5000
SCHOOLAGE SUMMER – Full Time Weekly	0	10	58	11	1.0000
SCHOOLAGE SUMMER – Part Time Weekly	0	6	34	3	0.5078
SCHOOLAGE SUMMER - Hourly	0	0	19	1	1.0000



**Figure 9. Distribution of Error Rates for Certified/Registered Providers**

**Table 6. Summary of Certified/ Registered Provider Error Rates**

Age/Rate Category	Number of Rates	Number of Missing Rates	Mean Error Rate	Standard Error of the Mean	Standard Deviation
INFANT - Full Time Weekly	51	18	-0.145%	0.746	5.326
INFANT - Part Time Weekly	44	25	4.350%	3.370	22.330
INFANT - Hourly	35	34	-0.0431%	0.327	1.933
TODDLER - Full Time Weekly	57	12	-0.698%	0.728	5.497
TODDLER - Part Time Weekly	44	25	6.990%	3.980	26.420
TODDLER - Hourly	41	28	0.877%	1.010	6.480
PRESCHOOL - Full Time Weekly	57	12	0.167%	0.865	6.529
PRESCHOOL - Part Time Weekly	49	20	6.550%	3.770	26.400
PRESCHOOL - Hourly	42	27	3.180%	2.620	17.000
SCHOOLAGE - Full Time Weekly	50	19	-1.550%	1.590	11.250
SCHOOLAGE - Part Time Weekly	42	27	3.450%	3.840	24.880
SCHOOLAGE - Hourly	36	33	1.200%	4.630	27.790
SCHOOLAGE SUMMER – Full Time Weekly	50	19	1.800%	1.380	9.740
SCHOOLAGE SUMMER – Part Time Weekly	38	31	5.960%	3.360	20.730
SCHOOLAGE SUMMER - Hourly	35	34	3.910%	3.940	23.300

**Table 7. Sign Test for Median Error Rate among Certified/ Registered Providers**

Age/Rate Category	Median Error Rate	Below Zero	Equal to Zero	Above Zero	p-value
INFANT - Full Time Weekly	0	4	38	9	0.2668
INFANT - Part Time Weekly	0	10	24	10	1.0000
INFANT - Hourly	0	2	30	3	1.0000
TODDLER - Full Time Weekly	0	7	41	9	0.8036
TODDLER - Part Time Weekly	0	7	27	10	0.6291
TODDLER - Hourly	0	2	36	3	1.0000
PRESCHOOL - Full Time Weekly	0	6	41	10	0.4545
PRESCHOOL - Part Time Weekly	0	12	25	12	1.0000
PRESCHOOL - Hourly	0	3	34	5	0.7266
SCHOOLAGE - Full Time Weekly	0	8	31	11	0.6476
SCHOOLAGE - Part Time Weekly	0	9	23	10	1.0000
SCHOOLAGE - Hourly	0	2	32	2	1.0000
SCHOOLAGE SUMMER – Full Time Weekly	0	5	32	13	0.0963
SCHOOLAGE SUMMER – Part Time Weekly	0	7	21	10	0.6291
SCHOOLAGE SUMMER - Hourly	0	1	31	3	0.6250

## 7. Market Rate Structure Analysis

The goal of the market rate analysis is to characterize the distribution of market rates across the state of Ohio within the 15 child care service categories. It is known that the market rates differ in important ways across the 15 child care categories and geographically across the state. In other words, it is known that providers tend to charge different rates for full-time, part-time, and hourly care. It is also known that providers charge different rates to care for children in different age groups. In addition to these two major factors that differentiate market rates, it is known that there are significant geographic differences in rates. Some counties have higher overall rate structures than other counties due to differences in population density and differences in economic conditions across the counties. These three factors (age category, rate category, and geographic location) have been used to rationally divide the rates into meaningfully interpretable groups. Within each of these groups the 50<sup>th</sup>, 55<sup>th</sup>, 60<sup>th</sup>, 65<sup>th</sup>, 70<sup>th</sup>, 75<sup>th</sup>, 80<sup>th</sup>, 85<sup>th</sup>, 90<sup>th</sup>, and 95<sup>th</sup> percentiles associated with the rate distribution have been calculated and are reported in the next section.

The division of rates created by the 15 child care categories is straight forward, and the survey was purposely designed to obtain rate data for each of these categories. With respect to age, children are divided into five categories: infants (newborn through 17 months), toddlers (18 through 35 months), preschoolers (3 through 5 and not in school), school-age (5 through 12 and in school) during the regular year, and school-age during the summer. Within each of the age categories, the rates were divided into three categories: full-time (more than 25 hours/week), part-time (8 – 25 hours per week), and hourly (less than 7 hours per week). Each of the 15 child care categories is uniquely defined by the 15 possible combinations of age and rate.

Dividing the providers into rational and interpretable groups where the rate structure for the providers is similar within the group, but different across the groups, is more complicated. Conceptually the provider grouping strategy can range from making each provider its own group (requiring over 10,000 groups) to simply grouping all providers together into one large group and using state-wide rates.

One obvious compromise is to set the rate structures by county. This compromise would require the creation of 88 groups. This concept is appealing because of the known geographic differences in rate structures across the counties. However, this compromise is not completely satisfactory because it is still logistically difficult to manage 88 different rate structures for both the licensed and certified providers. Therefore another compromise method has been used that takes the county as the basic provider grouping factor and then seeks to group counties together so that the rate structure for the counties is similar within the county group, but different across the county groups.

The analysis methodology used to group counties into county groups is based on the concept of the rate structure established by each provider. The rate structure is considered to be the collection of the 10 child care rates defined by the following ten rate/age categories:

- Infants, full-time
- Infants, part-time
- Toddlers, full-time
- Toddlers, part-time
- Pre-school, full-time
- Pre-school, part-time
- School-age (school-year), full-time
- School-age (school-year), part-time
- School-age (summer), full-time
- School-age (summer), part-time

The hourly rate data were not used in defining the rate structure for the purpose of grouping the counties because it was determined that there was a substantial amount of missing data associated with these rates. Inclusion of these rates would have significantly reduced the sample size available to perform the county grouping analysis thereby making it impossible to place several counties into groups.

A similar structure was employed in the analysis of the 2004 Market Rate Survey data. In 2004 it was demonstrated that there was a strong statistical correlation among these ten rates. Using this fact, only the full-time weekly pre-school rate data, along with data external to the survey on "Ohio Economic Regions," were used to cluster counties into groups so that all the counties within a single group had similar rate structures while counties in different groups had important differences in their rate structures.

There were two significant concerns regarding the 2004 methodology. First, external data on economic regions were used in the clustering analysis. Second, only one of the ten reported rates was actually used in the clustering analysis. In contrast, the methodology employed in the analysis of the 2006 market rate data removes both of these concerns. No data external to the survey were used in the analysis, and all ten rates provided by the survey respondents were used to cluster the counties into groups with similar rate structures.

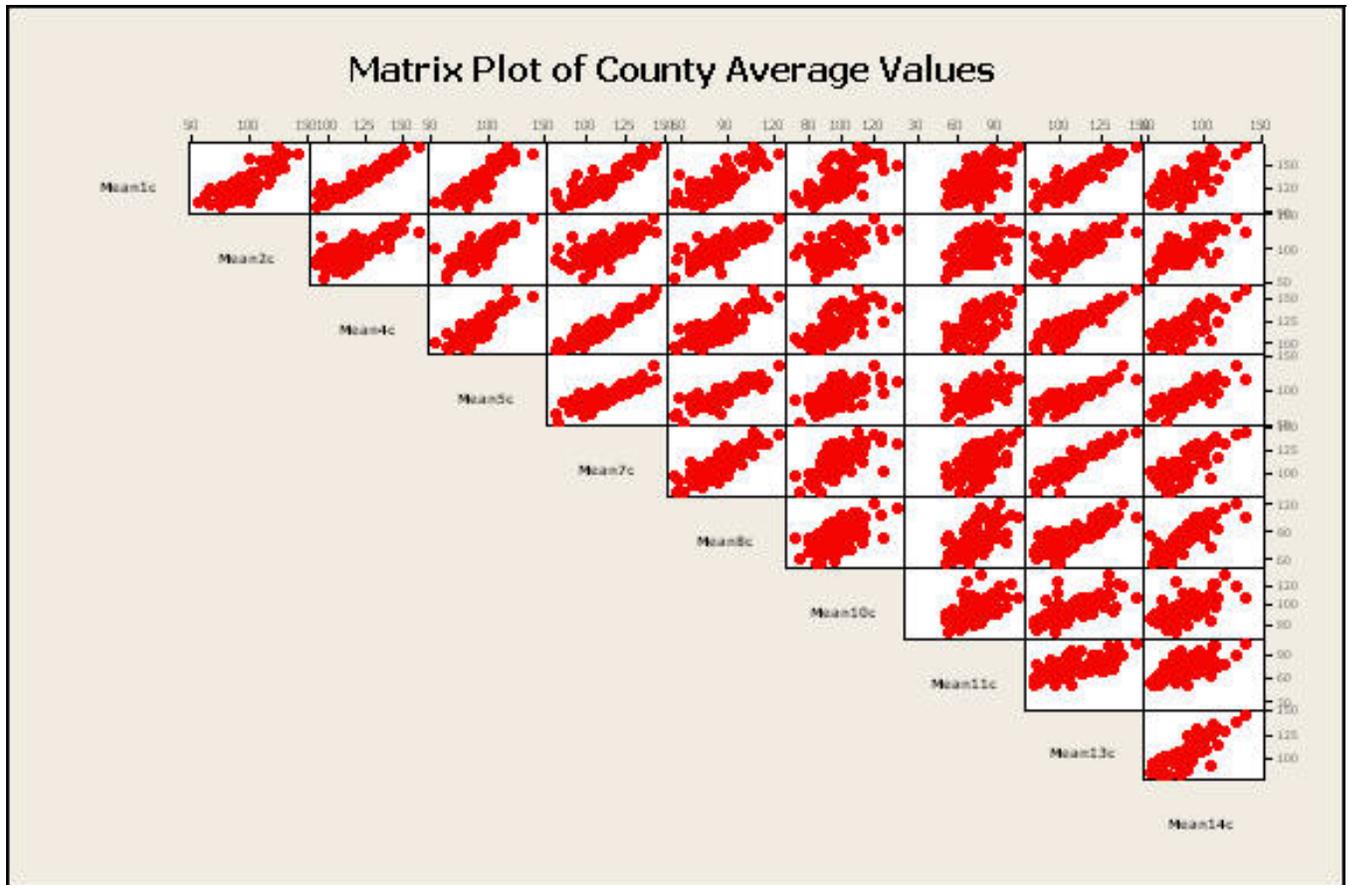
The formal statistical analysis methodology used to guide the clustering of the counties is known as principal components analysis. This statistical technique directly addresses the case of multiple, highly correlated, responses from each survey respondent (i.e. the 10 rates). It reduces, or summarizes, the information contained in the 10 rates to a smaller number of statistically independent responses that account for the majority of the variation observed in the original rate data while still having a direct interpretation within the context of the application. The reduction of the original rate data to a smaller subset of interpretable principal components is important to the practical execution of an effective and meaningful county clustering strategy.

The following three sections describe exactly how the components used to cluster the counties were created and how the clustering analysis was performed.

## 7.1. Exploratory Analysis of Average County Rates

The analysis began by calculating the average rate for each of the ten rate categories for each of the 88 Ohio counties. This calculation resulted in 88 sets of ten average rates. These averages were over the raw rates, unweighted by the number of unsubsidized children receiving the rate. Weighting was not used in this part of the analysis because the amount of missing data on the number of unsubsidized children being charged these rates would produce too many missing average values. Once the averages were obtained for each county, a matrix plot of all pairs of variables was constructed. Figure 10 shows this matrix plot. In this figure, the variable names correspond to the question number on the questionnaire:

- Mean1c – The mean response to question 1c – Full-time, infants
- Mean2c – Part-time, infants
- Mean4c – Full-time, toddlers
- Mean5c – Part-time, toddlers
- Mean7c – Full-time, preschool
- Mean8c – Part-time, preschool
- Mean10c – Full-time, school-age (school-year)
- Mean11c – Part-time, school-age (school-year)
- Mean13c – Full-time, school-age (summer and vacations)
- Mean14c – Part-time, school-age (summer and vacations)



**Figure 10. Matrix plot of county average values**

Examining the matrix plot, it can be seen that a high correlation exists among most of the values. This suggests the counties with lower rates are lower across all child care service categories while those with higher rates are higher across all the categories. Particularly strong correlations can be seen among the full-time rates and among the part-time rates suggesting that these two types of rates are different from each other.

## **7.2. Principal Components Analysis**

Next, a principal components analysis was conducted using the 88 sets of ten average rate values. For this analysis, one county, Brown, could not be included because rates were not reported for several rate/age categories. The principal components analysis demonstrated that due to the strong statistical correlation structure among the ten average rates, the information contained in the ten average rates can be reduced to three principal components.

The first component is essentially the average across the 10 rates. *This component explains over 78% of the variation in the original average rate data.* It suggests that the most important factor for differentiating between counties is their overall average rate. Some counties simply charge higher rates across all ten rate categories than other counties.

The second component explains differences in the rate structure due to the age of the child. Infant care demands a higher rate than that for toddlers, toddlers a higher rate than pre-school children, and pre-school children a higher rate than school-age children. This component suggests that in some counties there is a more significant decreasing trend across child care age groups than other counties.

The third component explains differences in rates for full-time care compared to part-time care. This component indicates that there is a greater disparity between full-time and part-time rates in some counties compared to other counties.

In comparison to the first component, the second and third components explained less than 0.7% of the overall variation. However, these components were kept in the initial analysis because they had a direct and meaningful interpretation with respect to the rate structure.

In summary, the principal components analysis reduced the 10 dimensional rate structure data to the following three principal components which are clearly interpretable within the context of the survey.

1. Overall average rate
2. Differences across the 5 age categories
3. Differences in part-time and full-time rates.

Once these components were obtained, they were used as criteria to cluster counties into groups where the counties within each group have similar scores on these three components and counties in different groups have important differences between their scores on these three components. Two different clustering methodologies were proposed. These two clustering methodologies are presented in the next section, although only the first one was used in the final analysis of the data.

### **7.3. Cluster Analysis on Average County Rates**

#### **Clustering Method 1 – Use of Overall Average Rate Only**

The first clustering strategy used only the first principal component (overall average rate) to divide counties into groups. The first principal component was calculated for each county, and a k-means clustering algorithm was used to group the counties into distinct groups. Each county belongs to one, and only one, group. Since it is not known in advance how many clusters should be created, the clustering algorithm was executed using 2, 3, 4, 5, 6, 7, 8, 9, and 10 clusters. In each case, an analysis of variance (ANOVA) procedure was performed using the criterion scores as the response and cluster membership as an explanatory variable. Based on this ANOVA procedure, the  $R^2$  statistic can be used as a measure of the adequacy of the number of clusters used to group the counties. This statistic represents the percentage of variation in the principal component scores that is explained by the clusters. The goal is to find the smallest number of clusters that explains a significant portion of the variation in the scores. The  $R^2$  values obtained from this analysis are presented in Table 8.

**Table 8. R<sup>2</sup> value for different numbers of clusters**

Number of Clusters	R <sup>2</sup>
2	73.07%
3	85.73%
4	90.40%
5	93.84%
6	96.72%
7	97.35%
8	97.56%
9	97.81%
10	98.09%

Based on the results in Table 8 it was concluded that 6 clusters is most appropriate for dividing counties into groups.

The advantages and disadvantages of this approach are summarized as follows:

Advantages

- The method does not rely on the Governor’s Economic Development Regions as it did in 2004.
- Grouping of counties is based strictly on the rates reported in the 2006 Market Rate Survey.
- Grouping is performed using a criterion that uses all ten full-time and part-time rates rather than relying on a single representative rate.
- Groupings exhibit statistical properties that suggest they are mathematically sound.
- The single grouping criterion used accounts for a large proportion of variation in the data, so the methodology does not ignore important information in the rate data.
- Each cluster will contain many counties, so rate distribution calculations will be more stable and reliable.

Disadvantages

- This method does not use the second and third principal components, which provide some additional information for grouping counties.

**Clustering Method 2 – Multiple Component Clustering**

The second methodology extends the analysis of the previous section by further subdividing each cluster based on either the second or third principal component. Regardless of which of these two components is used, the methodology is the same. First, counties are clustered as described for Method 1. Next, each of the identified clusters is subdivided into two sub-clusters by performing another k-means clustering along the additional principal component. For example, if the third principal component were used, counties within a single “overall rate” cluster would be split into those with large differences between average full-time rates and average part-time

rates and those with smaller differences between average full-time rates and average part-time rates. Since this division into sub-clusters is performed on each of the initial clusters, this methodology would produce twice as many groupings of counties. Continuing with the example, the methodology would produce the following 12 clusters:

- Overall average rate category 1, large difference between full- and part-time
- Overall average rate category 1, small difference between full- and part-time
- Overall average rate category 2, large difference between full- and part-time
- Overall average rate category 2, small difference between full- and part-time
- Overall average rate category 3, large difference between full- and part-time
- Overall average rate category 3, small difference between full- and part-time
- Overall average rate category 4, large difference between full- and part-time
- Overall average rate category 4, small difference between full- and part-time
- Overall average rate category 5, large difference between full- and part-time
- Overall average rate category 5, small difference between full- and part-time
- Overall average rate category 6, large difference between full- and part-time
- Overall average rate category 6, small difference between full- and part-time

This methodology could be extended even further by dividing the sub-clusters into sub-sub-clusters using the final principal component. This approach is not recommended since the final principal component does not explain a significant amount of the variation in the average rate data, and there would be too few counties in any final cluster to produce reliable rate distributions.

The advantages and disadvantages of this second methodology are as follows:

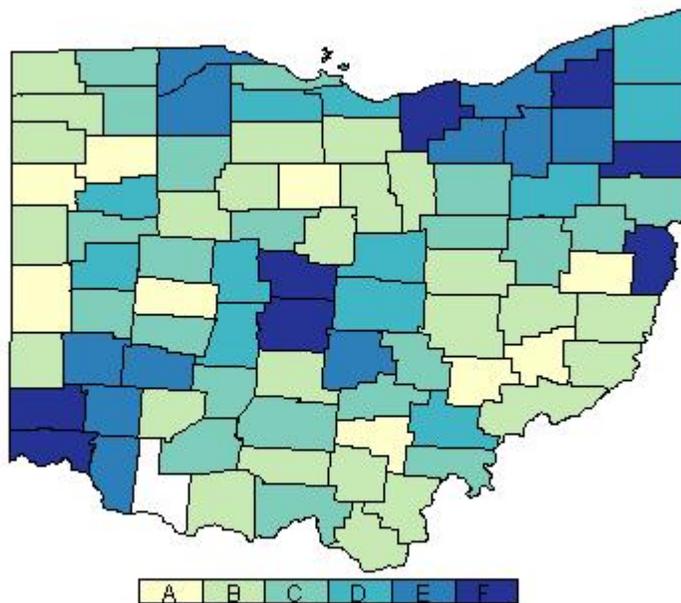
#### Advantages

- The method does not rely on the Governor's Economic Development Regions.
- Grouping of counties is based strictly on the rates reported in the 2006 Market Rate Survey.
- Grouping is performed using criteria that use all ten full-time and part-time rates rather than relying on a single representative rate.
- Groupings exhibit statistical properties that suggest they are mathematically sound.
- Additional variation in the data is accounted for by incorporating more principal components.

#### Disadvantages

- Statistically, the second and third principal components are of minor importance compared to the first principal component, so clustering using these criteria adds complexity to the county groupings for little additional gain in cluster homogeneity.
- Fewer counties will be grouped together in each cluster, so estimates of the rate distributions will be less reliable than for Method 1.

Since the additional information provided by the second and third principal components is minimal, using only the first principal component should produce meaningful results without the unneeded complication of producing significantly more county groups using the second and third components. In addition, Method 1 ensures a larger number of counties in each group, which will improve the estimates of the rate distributions and percentiles within the groups. For this reason, the analysis proceeded from this point using Method 1. Using Method 1, six groups of counties were created. The categorization of the counties into the six groups is shown in Figure 11 and reported in Table 9.



**Figure 11. County groupings using six clusters**

**Table 9. County categorization**

County	Cluster Membership	County	Cluster Membership	County	Cluster Membership
ADAMS	B	HAMILTON	F	MUSKINGUM	B
ALLEN	D	HANCOCK	C	NOBLE	A
ASHLAND	B	HARDIN	B	OTTAWA	C
ASHTABULA	D	HARRISON	A	PAULDING	B
ATHENS	D	HENRY	C	PERRY	C
AUGLAIZE	C	HIGHLAND	C	PICKAWAY	B
BELMONT	B	HOCKING	C	PIKE	B
BUTLER	F	HOLMES	C	PORTAGE	E
CARROLL	C	HURON	B	PREBLE	B
CHAMPAIGN	A	JACKSON	B	PUTNAM	A
CLARK	C	JEFFERSON	F	RICHLAND	B
CLERMONT	E	KNOX	D	ROSS	C
CLINTON	B	LAKE	E	SANDUSKY	D
COLUMBIANA	C	LAWRENCE	B	SCIOTO	C
COSHOCTON	B	LICKING	D	SENECA	B
CRAWFORD	A	LOGAN	C	SHELBY	D
CUYAHOGA	E	LORAIN	F	STARK	D
DARKE	A	LUCAS	E	SUMMIT	E
DEFIANCE	B	MADISON	D	TRUMBULL	D
DELAWARE	F	MAHONING	F	TUSCARAWAS	C
ERIE	D	MARION	C	UNION	D
FAIRFIELD	E	MEDINA	E	VAN WERT	A
FAYETTE	C	MEIGS	C	VINTON	A
FRANKLIN	F	MERCER	B	WARREN	E
FULTON	C	MIAMI	C	WASHINGTON	B
GALLIA	B	MONROE	B	WAYNE	C
GEAUGA	F	MONTGOMERY	E	WILLIAMS	B
GREENE	E	MORGAN	A	WOOD	E
GUERNSEY	B	MORROW	B	WYANDOT	B

## 8. Estimated Rate Distributions and Calculated Percentiles

The 50<sup>th</sup>, 55<sup>th</sup>, 60<sup>th</sup>, 65<sup>th</sup>, 70<sup>th</sup>, 75<sup>th</sup>, 80<sup>th</sup>, 85<sup>th</sup>, 90<sup>th</sup>, and 95<sup>th</sup> percentiles for the distribution of the rates for each of the 15 child care service categories were calculated both state-wide and for each of the six county groupings defined in Table 9. At the state-wide level, the percentiles were calculated separately for the following types of providers:

- All licensed providers together
- Licensed type-A providers only
- Licensed non-type-A providers only
- Certified and registered providers together
- Certified providers only
- Registered providers only.

At the county grouping level, percentiles were calculated for the following two types of providers:

- All licensed providers together
- Certified and registered providers together.

The percentile calculations were based on a weighting of the provider rates by the number of unsubsidized children. These percentile calculations were performed separately for each of the market rate distributions of interest. Thus, at the state-wide level 90 sets of percentiles were calculated (6 provider types × 15 child care service categories), and at the county group level 540 sets of percentiles were calculated (2 provider types × 15 child care service categories × 6 county groups). For each set of percentiles, the same methodology was used. This methodology can be made most clear by considering as an example the calculation for just one set of percentiles. As an example, consider the calculation of the state-wide percentiles for full-time weekly infant care for all licensed providers together. In this case the rate for full-time weekly infant care and the number of unsubsidized full-time weekly infants in care were captured for each licensed provider that responded to the survey. Using these rates and the numbers of unsubsidized children, a weighted mean rate and a weighted standard deviation for the rate were calculated using the number of unsubsidized children as the weighting factor. Essentially, these calculations are performed by replicating each rate by the number of children receiving that rate and then calculating the mean and standard deviation of that expanded set of numbers. This calculation was only performed if four or more providers in a given category responded to the survey with all of the needed information. If there were three or fewer providers responding the estimate of the variance was considered unreliable, so the rate distribution was not estimated. After obtaining the weighted mean and variance, the percentiles of the rate distribution were obtained using a normal approximation to the overall rate distribution.

The following tables report the percentiles of the estimated state-wide rate distributions across all 15 rate/age categories.

<b>Statewide Percentiles - Licensed (Centers and Type A Home Providers)</b>										
<b>AGE/RATE CATEGORIES</b>	<b>50%</b>	<b>55%</b>	<b>60%</b>	<b>65%</b>	<b>70%</b>	<b>75%</b>	<b>80%</b>	<b>85%</b>	<b>90%</b>	<b>95%</b>
INFANT - Full Time Weekly	\$175.53	\$180.39	\$185.32	\$190.42	\$195.79	\$201.59	\$208.05	\$215.58	\$225.05	\$239.08
INFANT - Part Time Weekly	\$123.11	\$128.20	\$133.36	\$138.70	\$144.33	\$150.41	\$157.17	\$165.05	\$174.97	\$189.67
INFANT - Hourly	\$4.61	\$4.79	\$4.97	\$5.16	\$5.36	\$5.58	\$5.82	\$6.10	\$6.45	\$6.98
TODDLER - Full Time Weekly	\$155.84	\$160.31	\$164.85	\$169.55	\$174.49	\$179.83	\$185.78	\$192.71	\$201.43	\$214.36
TODDLER - Part Time Weekly	\$105.06	\$109.11	\$113.21	\$117.46	\$121.93	\$126.76	\$132.13	\$138.40	\$146.28	\$157.96
TODDLER - Hourly	\$7.00	\$7.13	\$7.25	\$7.38	\$7.52	\$7.67	\$7.83	\$8.03	\$8.27	\$8.63
PRESCHOOL - Full Time Weekly	\$133.45	\$137.14	\$140.90	\$144.79	\$148.88	\$153.30	\$158.22	\$163.96	\$171.17	\$181.87
PRESCHOOL - Part Time Weekly	\$79.59	\$83.48	\$87.43	\$91.51	\$95.82	\$100.46	\$105.63	\$111.66	\$119.25	\$130.49
PRESCHOOL - Hourly	\$4.40	\$4.61	\$4.83	\$5.05	\$5.29	\$5.54	\$5.83	\$6.16	\$6.57	\$7.19
SCHOOLAGE - Full Time Weekly	\$92.15	\$96.28	\$100.48	\$104.81	\$109.38	\$114.32	\$119.81	\$126.21	\$134.27	\$146.20
SCHOOLAGE - Part Time Weekly	\$64.04	\$67.06	\$70.13	\$73.31	\$76.65	\$80.26	\$84.29	\$88.97	\$94.87	\$103.61
SCHOOLAGE - Hourly	\$3.71	\$3.88	\$4.06	\$4.25	\$4.44	\$4.65	\$4.88	\$5.15	\$5.49	\$6.00
SCHOOLAGESUMMER - Full Time Weekly	\$125.77	\$129.54	\$133.37	\$137.33	\$141.50	\$146.00	\$151.01	\$156.85	\$164.20	\$175.10
SCHOOLAGESUMMER - Part Time Weekly	\$84.45	\$87.78	\$91.16	\$94.66	\$98.34	\$102.32	\$106.75	\$111.91	\$118.40	\$128.02
SCHOOLAGESUMMER - Hourly	\$5.02	\$5.41	\$5.80	\$6.20	\$6.63	\$7.09	\$7.60	\$8.20	\$8.95	\$10.06

<b>Statewide Percentiles - Licensed (Centers)</b>										
<b>AGE/RATE CATEGORIES</b>	<b>50%</b>	<b>55%</b>	<b>60%</b>	<b>65%</b>	<b>70%</b>	<b>75%</b>	<b>80%</b>	<b>85%</b>	<b>90%</b>	<b>95%</b>
INFANT - Full Time Weekly	\$175.94	\$180.77	\$185.68	\$190.76	\$196.11	\$201.88	\$208.31	\$215.81	\$225.23	\$239.21
INFANT - Part Time Weekly	\$123.71	\$128.78	\$133.94	\$139.26	\$144.88	\$150.93	\$157.68	\$165.54	\$175.43	\$190.10
INFANT - Hourly	\$4.49	\$4.66	\$4.84	\$5.02	\$5.21	\$5.42	\$5.65	\$5.91	\$6.25	\$6.75
TODDLER - Full Time Weekly	\$156.10	\$160.56	\$165.10	\$169.79	\$174.73	\$180.06	\$186.00	\$192.92	\$201.62	\$214.53
TODDLER - Part Time Weekly	\$105.27	\$109.31	\$113.41	\$117.66	\$122.13	\$126.95	\$132.33	\$138.59	\$146.47	\$158.15
TODDLER - Hourly	\$7.05	\$7.17	\$7.29	\$7.42	\$7.56	\$7.70	\$7.86	\$8.05	\$8.29	\$8.64
PRESCHOOL - Full Time Weekly	\$133.56	\$137.26	\$141.02	\$144.91	\$149.00	\$153.42	\$158.34	\$164.07	\$171.29	\$181.98
PRESCHOOL - Part Time Weekly	\$79.58	\$83.47	\$87.43	\$91.51	\$95.82	\$100.46	\$105.64	\$111.67	\$119.26	\$130.51
PRESCHOOL - Hourly	\$4.39	\$4.61	\$4.83	\$5.05	\$5.29	\$5.54	\$5.83	\$6.16	\$6.58	\$7.20
SCHOOLAGE - Full Time Weekly	\$92.08	\$96.21	\$100.40	\$104.74	\$109.31	\$114.25	\$119.74	\$126.15	\$134.20	\$146.14
SCHOOLAGE - Part Time Weekly	\$64.02	\$67.04	\$70.11	\$73.28	\$76.62	\$80.23	\$84.24	\$88.92	\$94.81	\$103.54
SCHOOLAGE - Hourly	\$3.70	\$3.88	\$4.06	\$4.24	\$4.44	\$4.65	\$4.88	\$5.15	\$5.49	\$6.00
SCHOOLAGESUMMER - Full Time Weekly	\$125.84	\$129.61	\$133.44	\$137.40	\$141.57	\$146.07	\$151.09	\$156.93	\$164.28	\$175.18
SCHOOLAGESUMMER - Part Time Weekly	\$84.50	\$87.82	\$91.21	\$94.70	\$98.38	\$102.36	\$106.79	\$111.95	\$118.44	\$128.06
SCHOOLAGESUMMER - Hourly	\$5.12	\$5.52	\$5.92	\$6.33	\$6.77	\$7.24	\$7.76	\$8.37	\$9.13	\$10.27

### Statewide Percentiles - Licensed (Type A Home Providers)

AGE/RATE CATEGORIES	50%	55%	60%	65%	70%	75%	80%	85%	90%	95%
INFANT - Full Time Weekly	\$142.59	\$147.42	\$152.34	\$157.42	\$162.77	\$168.55	\$174.98	\$182.48	\$191.91	\$205.89
INFANT - Part Time Weekly	\$90.65	\$94.88	\$99.18	\$103.63	\$108.31	\$113.37	\$118.99	\$125.56	\$133.81	\$146.05
INFANT - Hourly	\$4.49	\$4.66	\$4.84	\$5.02	\$5.21	\$5.42	\$5.65	\$5.91	\$6.25	\$6.75
TODDLER - Full Time Weekly	\$130.83	\$134.84	\$138.93	\$143.15	\$147.59	\$152.39	\$157.74	\$163.96	\$171.80	\$183.42
TODDLER - Part Time Weekly	\$87.06	\$90.61	\$94.22	\$97.95	\$101.88	\$106.12	\$110.84	\$116.35	\$123.27	\$133.54
TODDLER - Hourly	\$7.05	\$7.17	\$7.29	\$7.42	\$7.56	\$7.70	\$7.86	\$8.05	\$8.29	\$8.64
PRESCHOOL - Full Time Weekly	\$115.93	\$118.93	\$121.99	\$125.14	\$128.47	\$132.06	\$136.06	\$140.72	\$146.58	\$155.27
PRESCHOOL - Part Time Weekly	\$81.27	\$84.77	\$88.32	\$91.99	\$95.86	\$100.03	\$104.68	\$110.10	\$116.91	\$127.02
PRESCHOOL - Hourly	\$4.73	\$4.82	\$4.91	\$5.00	\$5.10	\$5.21	\$5.33	\$5.46	\$5.64	\$5.89
SCHOOLAGE - Full Time Weekly	\$108.76	\$112.08	\$115.45	\$118.93	\$122.61	\$126.57	\$130.98	\$136.12	\$142.60	\$152.19
SCHOOLAGE - Part Time Weekly	\$70.84	\$75.08	\$79.38	\$83.83	\$88.51	\$93.57	\$99.20	\$105.77	\$114.03	\$126.27
SCHOOLAGE - Hourly	\$4.09	\$4.22	\$4.35	\$4.49	\$4.63	\$4.79	\$4.97	\$5.17	\$5.43	\$5.81
SCHOOLAGESUMMER - Full Time Weekly	\$111.27	\$114.44	\$117.67	\$120.99	\$124.50	\$128.29	\$132.51	\$137.42	\$143.61	\$152.77
SCHOOLAGESUMMER - Part Time Weekly	\$65.83	\$68.68	\$71.56	\$74.55	\$77.70	\$81.09	\$84.87	\$89.28	\$94.82	\$103.04
SCHOOLAGESUMMER - Hourly	\$5.12	\$5.52	\$5.92	\$6.33	\$6.77	\$7.24	\$7.76	\$8.37	\$9.13	\$10.27

### Statewide Percentiles - Certified and Registered Home Providers

AGE/RATE CATEGORIES	50%	55%	60%	65%	70%	75%	80%	85%	90%	95%
INFANT - Full Time Weekly	\$126.19	\$129.53	\$132.92	\$136.43	\$140.12	\$144.11	\$148.55	\$153.72	\$160.24	\$169.89
INFANT - Part Time Weekly	\$88.28	\$92.86	\$97.52	\$102.34	\$107.41	\$112.89	\$118.98	\$126.09	\$135.03	\$148.29
INFANT - Hourly	\$4.21	\$4.38	\$4.56	\$4.74	\$4.93	\$5.13	\$5.36	\$5.63	\$5.97	\$6.46
TODDLER - Full Time Weekly	\$120.24	\$123.82	\$127.45	\$131.20	\$135.15	\$139.42	\$144.17	\$149.70	\$156.67	\$167.00
TODDLER - Part Time Weekly	\$80.71	\$84.45	\$88.26	\$92.19	\$96.34	\$100.81	\$105.79	\$111.59	\$118.90	\$129.72
TODDLER - Hourly	\$3.67	\$3.84	\$4.01	\$4.18	\$4.37	\$4.57	\$4.79	\$5.04	\$5.37	\$5.85
PRESCHOOL - Full Time Weekly	\$114.58	\$117.60	\$120.68	\$123.86	\$127.20	\$130.82	\$134.84	\$139.53	\$145.44	\$154.18
PRESCHOOL - Part Time Weekly	\$86.75	\$90.22	\$93.73	\$97.37	\$101.20	\$105.34	\$109.94	\$115.31	\$122.07	\$132.08
PRESCHOOL - Hourly	\$3.89	\$4.11	\$4.33	\$4.57	\$4.81	\$5.08	\$5.37	\$5.72	\$6.15	\$6.79
SCHOOLAGE - Full Time Weekly	\$98.87	\$103.23	\$107.66	\$112.24	\$117.06	\$122.27	\$128.07	\$134.82	\$143.33	\$155.93
SCHOOLAGE - Part Time Weekly	\$64.82	\$68.05	\$71.34	\$74.74	\$78.32	\$82.19	\$86.49	\$91.51	\$97.82	\$107.17
SCHOOLAGE - Hourly	\$3.49	\$3.65	\$3.82	\$3.99	\$4.18	\$4.38	\$4.60	\$4.85	\$5.18	\$5.66
SCHOOLAGESUMMER - Full Time Weekly	\$106.76	\$110.32	\$113.94	\$117.68	\$121.62	\$125.88	\$130.62	\$136.14	\$143.09	\$153.38
SCHOOLAGESUMMER - Part Time Weekly	\$76.70	\$79.54	\$82.41	\$85.39	\$88.53	\$91.91	\$95.68	\$100.07	\$105.60	\$113.79
SCHOOLAGESUMMER - Hourly	\$3.68	\$3.93	\$4.19	\$4.45	\$4.72	\$5.02	\$5.35	\$5.73	\$6.22	\$6.94

### Statewide Percentiles - Certified Home Providers

AGE/RATE CATEGORIES	50%	55%	60%	65%	70%	75%	80%	85%	90%	95%
INFANT - Full Time Weekly	\$129.39	\$132.53	\$135.72	\$139.02	\$142.50	\$146.25	\$150.43	\$155.30	\$161.42	\$170.51
INFANT - Part Time Weekly	\$92.54	\$97.45	\$102.44	\$107.60	\$113.03	\$118.90	\$125.43	\$133.04	\$142.62	\$156.81
INFANT - Hourly	\$4.05	\$4.22	\$4.39	\$4.57	\$4.76	\$4.97	\$5.20	\$5.46	\$5.80	\$6.30
TODDLER - Full Time Weekly	\$121.85	\$125.57	\$129.34	\$133.23	\$137.34	\$141.77	\$146.71	\$152.46	\$159.70	\$170.43
TODDLER - Part Time Weekly	\$82.33	\$86.31	\$90.36	\$94.54	\$98.95	\$103.71	\$109.01	\$115.18	\$122.95	\$134.46
TODDLER - Hourly	\$3.58	\$3.74	\$3.90	\$4.06	\$4.23	\$4.42	\$4.63	\$4.87	\$5.17	\$5.62
PRESCHOOL - Full Time Weekly	\$116.21	\$118.93	\$121.70	\$124.56	\$127.58	\$130.83	\$134.46	\$138.68	\$144.00	\$151.88
PRESCHOOL - Part Time Weekly	\$78.81	\$82.37	\$85.99	\$89.73	\$93.67	\$97.92	\$102.66	\$108.18	\$115.13	\$125.42
PRESCHOOL - Hourly	\$3.78	\$4.00	\$4.21	\$4.43	\$4.67	\$4.92	\$5.20	\$5.53	\$5.95	\$6.56
SCHOOLAGE - Full Time Weekly	\$102.66	\$106.75	\$110.91	\$115.20	\$119.73	\$124.62	\$130.06	\$136.41	\$144.39	\$156.22
SCHOOLAGE - Part Time Weekly	\$69.80	\$73.10	\$76.46	\$79.93	\$83.58	\$87.52	\$91.92	\$97.04	\$103.48	\$113.02
SCHOOLAGE - Hourly	\$3.41	\$3.55	\$3.69	\$3.83	\$3.98	\$4.15	\$4.33	\$4.54	\$4.81	\$5.20
SCHOOLAGESUMMER - Full Time Weekly	\$110.99	\$114.37	\$117.81	\$121.37	\$125.11	\$129.15	\$133.66	\$138.90	\$145.50	\$155.29
SCHOOLAGESUMMER - Part Time Weekly	\$78.42	\$81.02	\$83.67	\$86.40	\$89.28	\$92.39	\$95.85	\$99.89	\$104.97	\$112.49
SCHOOLAGESUMMER - Hourly	\$3.55	\$3.77	\$3.99	\$4.22	\$4.46	\$4.73	\$5.02	\$5.36	\$5.78	\$6.42

### Statewide Percentiles - Registered Home Providers

AGE/RATE CATEGORIES	50%	55%	60%	65%	70%	75%	80%	85%	90%	95%
INFANT - Full Time Weekly	\$120.78	\$124.33	\$127.94	\$131.67	\$135.61	\$139.85	\$144.58	\$150.09	\$157.02	\$167.29
INFANT - Part Time Weekly	\$79.22	\$82.80	\$86.44	\$90.20	\$94.17	\$98.44	\$103.20	\$108.76	\$115.74	\$126.09
INFANT - Hourly	\$4.63	\$4.79	\$4.97	\$5.15	\$5.33	\$5.54	\$5.76	\$6.02	\$6.36	\$6.85
TODDLER - Full Time Weekly	\$117.40	\$120.68	\$124.02	\$127.48	\$131.11	\$135.04	\$139.41	\$144.51	\$150.92	\$160.42
TODDLER - Part Time Weekly	\$77.14	\$80.27	\$83.46	\$86.75	\$90.22	\$93.96	\$98.13	\$102.99	\$109.11	\$118.17
TODDLER - Hourly	\$4.03	\$4.23	\$4.44	\$4.65	\$4.88	\$5.13	\$5.40	\$5.72	\$6.12	\$6.71
PRESCHOOL - Full Time Weekly	\$111.55	\$115.04	\$118.59	\$122.25	\$126.12	\$130.29	\$134.93	\$140.34	\$147.15	\$157.24
PRESCHOOL - Part Time Weekly	\$93.26	\$96.42	\$99.63	\$102.95	\$106.45	\$110.22	\$114.43	\$119.33	\$125.49	\$134.63
PRESCHOOL - Hourly	\$4.15	\$4.40	\$4.65	\$4.91	\$5.19	\$5.49	\$5.82	\$6.20	\$6.69	\$7.40
SCHOOLAGE - Full Time Weekly	\$88.32	\$93.13	\$98.02	\$103.07	\$108.39	\$114.14	\$120.53	\$127.99	\$137.37	\$151.27
SCHOOLAGE - Part Time Weekly	\$54.72	\$57.41	\$60.15	\$62.98	\$65.96	\$69.17	\$72.76	\$76.93	\$82.19	\$89.97
SCHOOLAGE - Hourly	\$3.72	\$3.96	\$4.20	\$4.44	\$4.70	\$4.99	\$5.30	\$5.66	\$6.12	\$6.80
SCHOOLAGESUMMER - Full Time Weekly	\$97.04	\$100.70	\$104.42	\$108.27	\$112.33	\$116.71	\$121.58	\$127.27	\$134.41	\$145.01
SCHOOLAGESUMMER - Part Time Weekly	\$70.93	\$74.36	\$77.83	\$81.43	\$85.21	\$89.30	\$93.85	\$99.16	\$105.83	\$115.72
SCHOOLAGESUMMER - Hourly	\$3.99	\$4.29	\$4.61	\$4.93	\$5.27	\$5.64	\$6.05	\$6.53	\$7.13	\$8.03

The following tables report the estimated percentiles of the rate distributions across all 15 rate/age categories and for all six county groups. The percentiles are reported in separate tables so that different groups can be compared easily at the same percentile.

<b>50th Percentile - Licensed (Centers and Type A Home Providers)</b>						
<b>AGE/RATE CATEGORIES</b>	<b>County Group A</b>	<b>County Group B</b>	<b>County Group C</b>	<b>County Group D</b>	<b>County Group E</b>	<b>County Group F</b>
INFANT - Full Time Weekly	\$105.82	\$116.87	\$136.91	\$145.45	\$175.70	\$200.99
INFANT - Part Time Weekly	\$69.64	\$84.91	\$96.47	\$112.36	\$128.54	\$139.62
INFANT - Hourly	*	\$4.64	\$3.47	\$5.38	*	\$6.23
TODDLER - Full Time Weekly	\$103.23	\$106.39	\$122.80	\$126.94	\$159.65	\$173.83
TODDLER - Part Time Weekly	\$64.49	\$75.48	\$84.00	\$87.10	\$111.05	\$119.88
TODDLER - Hourly	*	*	*	*	\$6.95	\$7.47
PRESCHOOL - Full Time Weekly	\$94.70	\$95.59	\$107.24	\$112.71	\$139.49	\$148.56
PRESCHOOL - Part Time Weekly	\$58.77	\$61.83	\$73.53	\$60.82	\$86.91	\$90.79
PRESCHOOL - Hourly	\$4.20	\$2.86	\$3.57	\$4.29	\$5.50	\$4.34
SCHOOLAGE - Full Time Weekly	\$76.94	\$68.28	\$84.11	\$84.34	\$95.19	\$93.36
SCHOOLAGE - Part Time Weekly	\$44.63	\$50.73	\$63.91	\$54.94	\$67.34	\$68.28
SCHOOLAGE - Hourly	\$2.71	\$3.31	\$3.35	\$3.52	\$4.52	\$4.88
SCHOOLAGESUMMER - Full Time Weekly	\$110.41	\$94.61	\$104.96	\$113.99	\$125.72	\$142.60
SCHOOLAGESUMMER - Part Time Weekly	\$54.10	\$55.86	\$69.46	\$81.04	\$91.34	\$92.73
SCHOOLAGESUMMER - Hourly	\$3.37	\$3.81	\$2.45	\$3.97	\$8.19	\$5.27

\* = percentile not calculated due to small sample size (< 4 providers)

<b>50th Percentile - Certified/Registered Home Providers</b>						
<b>AGE/RATE CATEGORIES</b>	<b>County Group A</b>	<b>County Group B</b>	<b>County Group C</b>	<b>County Group D</b>	<b>County Group E</b>	<b>County Group F</b>
INFANT - Full Time Weekly	\$94.13	\$110.17	\$104.91	\$128.82	\$133.62	\$138.44
INFANT - Part Time Weekly	\$47.25	\$66.10	\$73.47	\$86.00	\$98.67	\$95.35
INFANT - Hourly	*	\$2.75	\$2.89	\$4.49	\$4.85	\$4.67
TODDLER - Full Time Weekly	\$86.00	\$104.38	\$107.17	\$121.34	\$124.34	\$130.46
TODDLER - Part Time Weekly	\$46.58	\$67.58	\$71.87	\$85.02	\$78.79	\$99.11
TODDLER - Hourly	*	\$2.81	\$2.88	\$3.84	\$4.20	\$3.98
PRESCHOOL - Full Time Weekly	\$85.52	\$104.14	\$104.47	\$118.32	\$121.57	\$121.60
PRESCHOOL - Part Time Weekly	\$51.38	\$65.07	\$73.10	\$75.18	\$74.18	\$104.71
PRESCHOOL - Hourly	*	\$2.52	\$2.64	\$3.45	\$5.05	\$5.03
SCHOOLAGE - Full Time Weekly	\$79.09	\$91.37	\$93.06	\$110.68	\$100.33	\$103.92
SCHOOLAGE - Part Time Weekly	\$54.06	\$59.14	\$59.06	\$63.10	\$66.78	\$78.91
SCHOOLAGE - Hourly	\$2.24	\$2.70	\$2.73	\$3.24	\$4.18	\$4.74
SCHOOLAGESUMMER - Full Time Weekly	\$83.90	\$95.52	\$100.98	\$117.46	\$105.54	\$118.95
SCHOOLAGESUMMER - Part Time Weekly	\$48.00	\$66.14	\$78.70	\$71.88	\$81.15	\$80.65
SCHOOLAGESUMMER - Hourly	\$2.34	\$2.42	\$2.34	\$3.02	\$5.33	\$5.31

\* = percentile not calculated due to small sample size (< 4 providers)

<b>55th Percentile - Licensed (Centers and Type A Home Providers)</b>						
<b>AGE/RATE CATEGORIES</b>	<b>County Group A</b>	<b>County Group B</b>	<b>County Group C</b>	<b>County Group D</b>	<b>County Group E</b>	<b>County Group F</b>
INFANT - Full Time Weekly	\$107.14	\$119.36	\$139.18	\$148.69	\$179.28	\$205.20
INFANT - Part Time Weekly	\$71.15	\$87.01	\$98.26	\$116.35	\$132.63	\$145.34
INFANT - Hourly	*	\$4.76	\$3.63	\$5.57	*	\$6.33
TODDLER - Full Time Weekly	\$104.30	\$108.42	\$125.01	\$129.88	\$162.94	\$178.25
TODDLER - Part Time Weekly	\$65.56	\$77.44	\$86.82	\$89.88	\$114.57	\$124.09
TODDLER - Hourly	*	*	*	*	\$7.04	\$7.69
PRESCHOOL - Full Time Weekly	\$96.18	\$97.16	\$109.62	\$115.15	\$142.44	\$152.11
PRESCHOOL - Part Time Weekly	\$59.95	\$63.77	\$76.91	\$64.48	\$90.65	\$94.64
PRESCHOOL - Hourly	\$4.42	\$2.93	\$3.70	\$4.42	\$5.65	\$4.59
SCHOOLAGE - Full Time Weekly	\$78.79	\$70.95	\$87.65	\$88.36	\$99.22	\$97.67
SCHOOLAGE - Part Time Weekly	\$45.61	\$52.90	\$66.68	\$57.60	\$70.14	\$71.55
SCHOOLAGE - Hourly	\$2.77	\$3.44	\$3.49	\$3.66	\$4.73	\$5.07
SCHOOLAGESUMMER - Full Time Weekly	\$111.88	\$96.30	\$107.45	\$116.70	\$129.36	\$146.25
SCHOOLAGESUMMER - Part Time Weekly	\$54.94	\$57.53	\$71.68	\$83.38	\$94.24	\$96.51
SCHOOLAGESUMMER - Hourly	\$3.46	\$3.90	\$2.59	\$4.18	\$8.69	\$5.64

\* = percentile not calculated due to small sample size (< 4 providers)

<b>55th Percentile - Certified/Registered Home Providers</b>						
<b>AGE/RATE CATEGORIES</b>	<b>County Group A</b>	<b>County Group B</b>	<b>County Group C</b>	<b>County Group D</b>	<b>County Group E</b>	<b>County Group F</b>
INFANT - Full Time Weekly	\$96.39	\$112.15	\$107.14	\$131.71	\$137.09	\$141.34
INFANT - Part Time Weekly	\$48.18	\$68.39	\$76.14	\$89.86	\$104.11	\$99.58
INFANT - Hourly	*	\$2.79	\$2.91	\$4.59	\$5.08	\$4.83
TODDLER - Full Time Weekly	\$87.83	\$106.63	\$109.75	\$123.61	\$127.89	\$134.55
TODDLER - Part Time Weekly	\$48.59	\$70.13	\$74.66	\$88.00	\$82.73	\$102.90
TODDLER - Hourly	*	\$2.85	\$2.92	\$3.95	\$4.46	\$4.15
PRESCHOOL - Full Time Weekly	\$87.72	\$106.25	\$106.62	\$120.59	\$124.54	\$125.18
PRESCHOOL - Part Time Weekly	\$52.89	\$66.89	\$76.02	\$77.74	\$77.70	\$107.23
PRESCHOOL - Hourly	*	\$2.58	\$2.68	\$3.58	\$5.26	\$5.27
SCHOOLAGE - Full Time Weekly	\$81.15	\$93.84	\$96.73	\$115.75	\$105.13	\$108.69
SCHOOLAGE - Part Time Weekly	\$54.79	\$60.89	\$62.34	\$66.00	\$70.34	\$82.40
SCHOOLAGE - Hourly	\$2.28	\$2.77	\$2.80	\$3.34	\$4.37	\$4.92
SCHOOLAGESUMMER - Full Time Weekly	\$85.87	\$97.68	\$103.52	\$121.17	\$109.46	\$122.79
SCHOOLAGESUMMER - Part Time Weekly	\$49.23	\$67.33	\$80.92	\$74.27	\$84.64	\$85.29
SCHOOLAGESUMMER - Hourly	\$2.41	\$2.48	\$2.40	\$3.10	\$5.62	\$5.56

\* = percentile not calculated due to small sample size (< 4 providers)

<b>60th Percentile - Licensed (Centers and Type A Home Providers)</b>						
<b>AGE/RATE CATEGORIES</b>	<b>County Group A</b>	<b>County Group B</b>	<b>County Group C</b>	<b>County Group D</b>	<b>County Group E</b>	<b>County Group F</b>
INFANT - Full Time Weekly	\$108.48	\$121.89	\$141.49	\$151.99	\$182.93	\$209.48
INFANT - Part Time Weekly	\$72.68	\$89.14	\$100.08	\$120.42	\$136.78	\$151.15
INFANT - Hourly	*	\$4.88	\$3.79	\$5.78	*	\$6.44
TODDLER - Full Time Weekly	\$105.39	\$110.49	\$127.25	\$132.87	\$166.28	\$182.75
TODDLER - Part Time Weekly	\$66.66	\$79.43	\$89.70	\$92.71	\$118.14	\$128.38
TODDLER - Hourly	*	*	*	*	\$7.13	\$7.92
PRESCHOOL - Full Time Weekly	\$97.67	\$98.76	\$112.04	\$117.64	\$145.45	\$155.71
PRESCHOOL - Part Time Weekly	\$61.14	\$65.74	\$80.36	\$68.20	\$94.45	\$98.54
PRESCHOOL - Hourly	\$4.64	\$2.99	\$3.84	\$4.54	\$5.80	\$4.85
SCHOOLAGE - Full Time Weekly	\$80.66	\$73.65	\$91.24	\$92.44	\$103.32	\$102.05
SCHOOLAGE - Part Time Weekly	\$46.61	\$55.10	\$69.48	\$60.30	\$72.98	\$74.88
SCHOOLAGE - Hourly	\$2.83	\$3.57	\$3.63	\$3.79	\$4.95	\$5.26
SCHOOLAGESUMMER - Full Time Weekly	\$113.36	\$98.02	\$109.97	\$119.45	\$133.07	\$149.97
SCHOOLAGESUMMER - Part Time Weekly	\$55.79	\$59.23	\$73.94	\$85.77	\$97.19	\$100.35
SCHOOLAGESUMMER - Hourly	\$3.56	\$3.99	\$2.72	\$4.39	\$9.21	\$6.01

\* = percentile not calculated due to small sample size (< 4 providers)

<b>60th Percentile - Certified/Registered Home Providers</b>						
<b>AGE/RATE CATEGORIES</b>	<b>County Group A</b>	<b>County Group B</b>	<b>County Group C</b>	<b>County Group D</b>	<b>County Group E</b>	<b>County Group F</b>
INFANT - Full Time Weekly	\$98.69	\$114.17	\$109.42	\$134.65	\$140.61	\$144.29
INFANT - Part Time Weekly	\$49.13	\$70.71	\$78.85	\$93.79	\$109.63	\$103.89
INFANT - Hourly	*	\$2.83	\$2.94	\$4.69	\$5.31	\$5.00
TODDLER - Full Time Weekly	\$89.70	\$108.91	\$112.36	\$125.92	\$131.50	\$138.70
TODDLER - Part Time Weekly	\$50.63	\$72.72	\$77.49	\$91.04	\$86.73	\$106.75
TODDLER - Hourly	*	\$2.90	\$2.96	\$4.07	\$4.73	\$4.32
PRESCHOOL - Full Time Weekly	\$89.97	\$108.40	\$108.81	\$122.89	\$127.55	\$128.82
PRESCHOOL - Part Time Weekly	\$54.42	\$68.74	\$78.98	\$80.33	\$81.27	\$109.78
PRESCHOOL - Hourly	*	\$2.64	\$2.73	\$3.71	\$5.47	\$5.51
SCHOOLAGE - Full Time Weekly	\$83.25	\$96.35	\$100.45	\$120.90	\$110.01	\$113.54
SCHOOLAGE - Part Time Weekly	\$55.53	\$62.67	\$65.67	\$68.95	\$73.96	\$85.95
SCHOOLAGE - Hourly	\$2.33	\$2.84	\$2.86	\$3.44	\$4.55	\$5.10
SCHOOLAGESUMMER - Full Time Weekly	\$87.87	\$99.89	\$106.11	\$124.95	\$113.44	\$126.70
SCHOOLAGESUMMER - Part Time Weekly	\$50.48	\$68.54	\$83.17	\$76.70	\$88.18	\$90.01
SCHOOLAGESUMMER - Hourly	\$2.47	\$2.54	\$2.47	\$3.19	\$5.91	\$5.82

\* = percentile not calculated due to small sample size (< 4 providers)

<b>65th Percentile - Licensed (Centers and Type A Home Providers)</b>						
<b>AGE/RATE CATEGORIES</b>	<b>County Group A</b>	<b>County Group B</b>	<b>County Group C</b>	<b>County Group D</b>	<b>County Group E</b>	<b>County Group F</b>
INFANT - Full Time Weekly	\$109.86	\$124.51	\$143.87	\$155.39	\$186.70	\$213.90
INFANT - Part Time Weekly	\$74.26	\$91.35	\$101.96	\$124.62	\$141.07	\$157.15
INFANT - Hourly	*	\$5.01	\$3.96	\$5.99	*	\$6.56
TODDLER - Full Time Weekly	\$106.52	\$112.62	\$129.58	\$135.95	\$169.74	\$187.40
TODDLER - Part Time Weekly	\$67.79	\$81.49	\$92.67	\$95.64	\$121.83	\$132.80
TODDLER - Hourly	*	*	*	*	\$7.22	\$8.15
PRESCHOOL - Full Time Weekly	\$99.22	\$100.41	\$114.54	\$120.20	\$148.55	\$159.44
PRESCHOOL - Part Time Weekly	\$62.38	\$67.77	\$83.91	\$72.04	\$98.37	\$102.58
PRESCHOOL - Hourly	\$4.88	\$3.07	\$3.97	\$4.68	\$5.95	\$5.11
SCHOOLAGE - Full Time Weekly	\$82.60	\$76.45	\$94.96	\$96.66	\$107.55	\$106.58
SCHOOLAGE - Part Time Weekly	\$47.63	\$57.38	\$72.39	\$63.09	\$75.92	\$78.32
SCHOOLAGE - Hourly	\$2.89	\$3.70	\$3.77	\$3.94	\$5.17	\$5.47
SCHOOLAGESUMMER - Full Time Weekly	\$114.90	\$99.80	\$112.59	\$122.30	\$136.89	\$153.80
SCHOOLAGESUMMER - Part Time Weekly	\$56.68	\$60.98	\$76.27	\$88.24	\$100.23	\$104.31
SCHOOLAGESUMMER - Hourly	\$3.66	\$4.09	\$2.86	\$4.60	\$9.74	\$6.40

\* = percentile not calculated due to small sample size (< 4 providers)

<b>65th Percentile - Certified/Registered Home Providers</b>						
<b>AGE/RATE CATEGORIES</b>	<b>County Group A</b>	<b>County Group B</b>	<b>County Group C</b>	<b>County Group D</b>	<b>County Group E</b>	<b>County Group F</b>
INFANT - Full Time Weekly	\$101.06	\$116.26	\$111.76	\$137.69	\$144.26	\$147.34
INFANT - Part Time Weekly	\$50.11	\$73.11	\$81.65	\$97.84	\$115.33	\$108.33
INFANT - Hourly	*	\$2.88	\$2.97	\$4.80	\$5.54	\$5.17
TODDLER - Full Time Weekly	\$91.62	\$111.27	\$115.07	\$128.31	\$135.23	\$143.00
TODDLER - Part Time Weekly	\$52.74	\$75.40	\$80.41	\$94.18	\$90.87	\$110.72
TODDLER - Hourly	*	\$2.95	\$3.00	\$4.19	\$5.00	\$4.49
PRESCHOOL - Full Time Weekly	\$92.28	\$110.62	\$111.07	\$125.26	\$130.66	\$132.58
PRESCHOOL - Part Time Weekly	\$56.01	\$70.65	\$82.04	\$83.02	\$84.96	\$112.42
PRESCHOOL - Hourly	*	\$2.71	\$2.78	\$3.84	\$5.68	\$5.77
SCHOOLAGE - Full Time Weekly	\$85.41	\$98.94	\$104.30	\$126.22	\$115.06	\$118.55
SCHOOLAGE - Part Time Weekly	\$56.30	\$64.51	\$69.12	\$72.00	\$77.69	\$89.61
SCHOOLAGE - Hourly	\$2.37	\$2.92	\$2.93	\$3.55	\$4.75	\$5.28
SCHOOLAGESUMMER - Full Time Weekly	\$89.94	\$102.17	\$108.78	\$128.85	\$117.55	\$130.73
SCHOOLAGESUMMER - Part Time Weekly	\$51.77	\$69.79	\$85.49	\$79.21	\$91.84	\$94.89
SCHOOLAGESUMMER - Hourly	\$2.53	\$2.60	\$2.53	\$3.28	\$6.21	\$6.08

\* = percentile not calculated due to small sample size (< 4 providers)

<b>70th Percentile - Licensed (Centers and Type A Home Providers)</b>						
<b>AGE/RATE CATEGORIES</b>	<b>County Group A</b>	<b>County Group B</b>	<b>County Group C</b>	<b>County Group D</b>	<b>County Group E</b>	<b>County Group F</b>
INFANT - Full Time Weekly	\$111.32	\$127.26	\$146.38	\$158.98	\$190.67	\$218.57
INFANT - Part Time Weekly	\$75.93	\$93.67	\$103.94	\$129.04	\$145.60	\$163.48
INFANT - Hourly	*	\$5.14	\$4.13	\$6.21	*	\$6.67
TODDLER - Full Time Weekly	\$107.71	\$114.87	\$132.02	\$139.21	\$173.38	\$192.29
TODDLER - Part Time Weekly	\$68.98	\$83.66	\$95.80	\$98.72	\$125.72	\$137.47
TODDLER - Hourly	*	*	*	*	\$7.31	\$8.40
PRESCHOOL - Full Time Weekly	\$100.85	\$102.15	\$117.18	\$122.90	\$151.83	\$163.37
PRESCHOOL - Part Time Weekly	\$63.68	\$69.91	\$87.66	\$76.09	\$102.51	\$106.84
PRESCHOOL - Hourly	\$5.12	\$3.14	\$4.12	\$4.82	\$6.11	\$5.39
SCHOOLAGE - Full Time Weekly	\$84.64	\$79.39	\$98.87	\$101.10	\$112.01	\$111.36
SCHOOLAGE - Part Time Weekly	\$48.72	\$59.78	\$75.44	\$66.03	\$79.02	\$81.95
SCHOOLAGE - Hourly	\$2.95	\$3.84	\$3.92	\$4.08	\$5.40	\$5.68
SCHOOLAGESUMMER - Full Time Weekly	\$116.52	\$101.68	\$115.34	\$125.29	\$140.93	\$157.85
SCHOOLAGESUMMER - Part Time Weekly	\$57.61	\$62.83	\$78.73	\$90.84	\$103.44	\$108.49
SCHOOLAGESUMMER - Hourly	\$3.76	\$4.19	\$3.01	\$4.83	\$10.30	\$6.81

\* = percentile not calculated due to small sample size (< 4 providers)

<b>70th Percentile - Certified/Registered Home Providers</b>						
<b>AGE/RATE CATEGORIES</b>	<b>County Group A</b>	<b>County Group B</b>	<b>County Group C</b>	<b>County Group D</b>	<b>County Group E</b>	<b>County Group F</b>
INFANT - Full Time Weekly	\$103.56	\$118.46	\$114.24	\$140.89	\$148.10	\$150.55
INFANT - Part Time Weekly	\$51.14	\$75.64	\$84.61	\$102.12	\$121.35	\$113.02
INFANT - Hourly	*	\$2.93	\$2.99	\$4.90	\$5.79	\$5.34
TODDLER - Full Time Weekly	\$93.65	\$113.75	\$117.92	\$130.83	\$139.16	\$147.52
TODDLER - Part Time Weekly	\$54.96	\$78.23	\$83.49	\$97.48	\$95.22	\$114.91
TODDLER - Hourly	*	\$3.01	\$3.05	\$4.32	\$5.29	\$4.67
PRESCHOOL - Full Time Weekly	\$94.73	\$112.97	\$113.45	\$127.77	\$133.94	\$136.54
PRESCHOOL - Part Time Weekly	\$57.68	\$72.67	\$85.27	\$85.85	\$88.85	\$115.21
PRESCHOOL - Hourly	*	\$2.78	\$2.83	\$3.98	\$5.91	\$6.03
SCHOOLAGE - Full Time Weekly	\$87.69	\$101.67	\$108.35	\$131.82	\$120.38	\$123.83
SCHOOLAGE - Part Time Weekly	\$57.10	\$66.45	\$72.75	\$75.21	\$81.63	\$93.47
SCHOOLAGE - Hourly	\$2.42	\$3.00	\$3.01	\$3.66	\$4.95	\$5.48
SCHOOLAGESUMMER - Full Time Weekly	\$92.12	\$104.57	\$111.59	\$132.96	\$121.88	\$134.98
SCHOOLAGESUMMER - Part Time Weekly	\$53.13	\$71.11	\$87.94	\$81.85	\$95.70	\$100.02
SCHOOLAGESUMMER - Hourly	\$2.60	\$2.67	\$2.60	\$3.37	\$6.53	\$6.36

\* = percentile not calculated due to small sample size (< 4 providers)

<b>75th Percentile - Licensed (Centers and Type A Home Providers)</b>						
<b>AGE/RATE CATEGORIES</b>	<b>County Group A</b>	<b>County Group B</b>	<b>County Group C</b>	<b>County Group D</b>	<b>County Group E</b>	<b>County Group F</b>
INFANT - Full Time Weekly	\$112.89	\$130.23	\$149.09	\$162.85	\$194.96	\$223.60
INFANT - Part Time Weekly	\$77.73	\$96.17	\$106.08	\$133.82	\$150.48	\$170.31
INFANT - Hourly	*	\$5.28	\$4.32	\$6.45	*	\$6.80
TODDLER - Full Time Weekly	\$108.99	\$117.30	\$134.66	\$142.72	\$177.30	\$197.58
TODDLER - Part Time Weekly	\$70.26	\$86.00	\$99.18	\$102.05	\$129.92	\$142.50
TODDLER - Hourly	*	*	*	*	\$7.42	\$8.67
PRESCHOOL - Full Time Weekly	\$102.61	\$104.02	\$120.03	\$125.82	\$155.36	\$167.62
PRESCHOOL - Part Time Weekly	\$65.08	\$72.22	\$91.71	\$80.45	\$106.98	\$111.44
PRESCHOOL - Hourly	\$5.38	\$3.22	\$4.28	\$4.97	\$6.28	\$5.70
SCHOOLAGE - Full Time Weekly	\$86.84	\$82.57	\$103.10	\$105.90	\$116.83	\$116.51
SCHOOLAGE - Part Time Weekly	\$49.89	\$62.37	\$78.75	\$69.21	\$82.37	\$85.86
SCHOOLAGE - Hourly	\$3.02	\$3.99	\$4.08	\$4.24	\$5.65	\$5.91
SCHOOLAGESUMMER - Full Time Weekly	\$118.26	\$103.70	\$118.31	\$128.53	\$145.28	\$162.21
SCHOOLAGESUMMER - Part Time Weekly	\$58.61	\$64.82	\$81.38	\$93.64	\$106.90	\$113.00
SCHOOLAGESUMMER - Hourly	\$3.87	\$4.31	\$3.17	\$5.07	\$10.90	\$7.25

\* = percentile not calculated due to small sample size (< 4 providers)

<b>75th Percentile - Certified/Registered Home Providers</b>						
<b>AGE/RATE CATEGORIES</b>	<b>County Group A</b>	<b>County Group B</b>	<b>County Group C</b>	<b>County Group D</b>	<b>County Group E</b>	<b>County Group F</b>
INFANT - Full Time Weekly	\$106.26	\$120.83	\$116.91	\$144.35	\$152.24	\$154.01
INFANT - Part Time Weekly	\$52.26	\$78.37	\$87.80	\$106.73	\$127.84	\$118.08
INFANT - Hourly	*	\$2.98	\$3.02	\$5.02	\$6.06	\$5.53
TODDLER - Full Time Weekly	\$95.84	\$116.44	\$121.00	\$133.54	\$143.40	\$152.41
TODDLER - Part Time Weekly	\$57.36	\$81.28	\$86.82	\$101.05	\$99.93	\$119.44
TODDLER - Hourly	*	\$3.06	\$3.10	\$4.45	\$5.61	\$4.87
PRESCHOOL - Full Time Weekly	\$97.36	\$115.49	\$116.02	\$130.47	\$137.48	\$140.82
PRESCHOOL - Part Time Weekly	\$59.48	\$74.84	\$88.75	\$88.90	\$93.05	\$118.21
PRESCHOOL - Hourly	*	\$2.85	\$2.89	\$4.12	\$6.16	\$6.32
SCHOOLAGE - Full Time Weekly	\$90.16	\$104.62	\$112.73	\$137.87	\$126.11	\$129.53
SCHOOLAGE - Part Time Weekly	\$57.97	\$68.55	\$76.67	\$78.67	\$85.88	\$97.64
SCHOOLAGE - Hourly	\$2.47	\$3.09	\$3.08	\$3.78	\$5.17	\$5.69
SCHOOLAGESUMMER - Full Time Weekly	\$94.48	\$107.16	\$114.63	\$137.39	\$126.56	\$139.57
SCHOOLAGESUMMER - Part Time Weekly	\$54.60	\$72.53	\$90.59	\$84.70	\$99.86	\$105.57
SCHOOLAGESUMMER - Hourly	\$2.67	\$2.74	\$2.67	\$3.47	\$6.87	\$6.66

\* = percentile not calculated due to small sample size (< 4 providers)

<b>80th Percentile - Licensed (Centers and Type A Home Providers)</b>						
<b>AGE/RATE CATEGORIES</b>	<b>County Group A</b>	<b>County Group B</b>	<b>County Group C</b>	<b>County Group D</b>	<b>County Group E</b>	<b>County Group F</b>
INFANT - Full Time Weekly	\$114.64	\$133.54	\$152.11	\$167.16	\$199.73	\$229.20
INFANT - Part Time Weekly	\$79.74	\$98.97	\$108.46	\$139.13	\$155.92	\$177.92
INFANT - Hourly	*	\$5.44	\$4.53	\$6.71	*	\$6.95
TODDLER - Full Time Weekly	\$110.42	\$120.00	\$137.60	\$146.63	\$181.68	\$203.47
TODDLER - Part Time Weekly	\$71.70	\$88.61	\$102.95	\$105.75	\$134.60	\$148.11
TODDLER - Hourly	*	*	*	*	\$7.53	\$8.96
PRESCHOOL - Full Time Weekly	\$104.57	\$106.11	\$123.19	\$129.07	\$159.29	\$172.34
PRESCHOOL - Part Time Weekly	\$66.64	\$74.79	\$96.21	\$85.32	\$111.95	\$116.55
PRESCHOOL - Hourly	\$5.68	\$3.31	\$4.45	\$5.14	\$6.48	\$6.04
SCHOOLAGE - Full Time Weekly	\$89.29	\$86.11	\$107.80	\$111.24	\$122.19	\$122.24
SCHOOLAGE - Part Time Weekly	\$51.19	\$65.26	\$82.42	\$72.74	\$86.09	\$90.22
SCHOOLAGE - Hourly	\$3.10	\$4.16	\$4.26	\$4.42	\$5.94	\$6.17
SCHOOLAGESUMMER - Full Time Weekly	\$120.21	\$105.95	\$121.62	\$132.13	\$150.12	\$167.07
SCHOOLAGESUMMER - Part Time Weekly	\$59.73	\$67.04	\$84.34	\$96.77	\$110.76	\$118.02
SCHOOLAGESUMMER - Hourly	\$4.00	\$4.43	\$3.35	\$5.35	\$11.57	\$7.74

\* = percentile not calculated due to small sample size (< 4 providers)

<b>80th Percentile - Certified/Registered Home Providers</b>						
<b>AGE/RATE CATEGORIES</b>	<b>County Group A</b>	<b>County Group B</b>	<b>County Group C</b>	<b>County Group D</b>	<b>County Group E</b>	<b>County Group F</b>
INFANT - Full Time Weekly	\$109.26	\$123.47	\$119.89	\$148.20	\$156.85	\$157.87
INFANT - Part Time Weekly	\$53.50	\$81.41	\$91.35	\$111.86	\$135.07	\$123.71
INFANT - Hourly	*	\$3.04	\$3.05	\$5.15	\$6.36	\$5.75
TODDLER - Full Time Weekly	\$98.28	\$119.42	\$124.43	\$136.57	\$148.13	\$157.84
TODDLER - Part Time Weekly	\$60.03	\$84.67	\$90.52	\$105.02	\$105.17	\$124.47
TODDLER - Hourly	*	\$3.13	\$3.15	\$4.60	\$5.96	\$5.09
PRESCHOOL - Full Time Weekly	\$100.30	\$118.31	\$118.88	\$133.48	\$141.42	\$145.58
PRESCHOOL - Part Time Weekly	\$61.49	\$77.27	\$92.63	\$92.30	\$97.73	\$121.55
PRESCHOOL - Hourly	*	\$2.93	\$2.95	\$4.29	\$6.43	\$6.64
SCHOOLAGE - Full Time Weekly	\$92.90	\$107.91	\$117.60	\$144.61	\$132.50	\$135.88
SCHOOLAGE - Part Time Weekly	\$58.94	\$70.88	\$81.04	\$82.53	\$90.62	\$102.28
SCHOOLAGE - Hourly	\$2.52	\$3.18	\$3.17	\$3.91	\$5.42	\$5.93
SCHOOLAGESUMMER - Full Time Weekly	\$97.10	\$110.04	\$118.01	\$142.33	\$131.77	\$144.67
SCHOOLAGESUMMER - Part Time Weekly	\$56.24	\$74.11	\$93.53	\$87.88	\$104.50	\$111.74
SCHOOLAGESUMMER - Hourly	\$2.76	\$2.82	\$2.75	\$3.58	\$7.25	\$7.00

\* = percentile not calculated due to small sample size (< 4 providers)

<b>85th Percentile - Licensed (Centers and Type A Home Providers)</b>						
<b>AGE/RATE CATEGORIES</b>	<b>County Group A</b>	<b>County Group B</b>	<b>County Group C</b>	<b>County Group D</b>	<b>County Group E</b>	<b>County Group F</b>
INFANT - Full Time Weekly	\$116.68	\$137.40	\$155.63	\$172.18	\$205.30	\$235.73
INFANT - Part Time Weekly	\$82.08	\$102.22	\$111.24	\$145.33	\$162.25	\$186.78
INFANT - Hourly	*	\$5.63	\$4.77	\$7.02	*	\$7.11
TODDLER - Full Time Weekly	\$112.09	\$123.15	\$141.03	\$151.19	\$186.78	\$210.33
TODDLER - Part Time Weekly	\$73.36	\$91.65	\$107.34	\$110.07	\$140.05	\$154.64
TODDLER - Hourly	*	*	*	*	\$7.66	\$9.31
PRESCHOOL - Full Time Weekly	\$106.86	\$108.54	\$126.89	\$132.85	\$163.88	\$177.84
PRESCHOOL - Part Time Weekly	\$68.47	\$77.79	\$101.47	\$90.99	\$117.75	\$122.52
PRESCHOOL - Hourly	\$6.02	\$3.42	\$4.65	\$5.33	\$6.70	\$6.43
SCHOOLAGE - Full Time Weekly	\$92.15	\$90.24	\$113.28	\$117.47	\$128.44	\$128.93
SCHOOLAGE - Part Time Weekly	\$52.70	\$68.62	\$86.71	\$76.86	\$90.43	\$95.30
SCHOOLAGE - Hourly	\$3.19	\$4.35	\$4.47	\$4.63	\$6.26	\$6.46
SCHOOLAGESUMMER - Full Time Weekly	\$122.48	\$108.58	\$125.48	\$136.33	\$155.77	\$172.73
SCHOOLAGESUMMER - Part Time Weekly	\$61.04	\$69.63	\$87.78	\$100.41	\$115.25	\$123.88
SCHOOLAGESUMMER - Hourly	\$4.14	\$4.57	\$3.56	\$5.66	\$12.35	\$8.31

\* = percentile not calculated due to small sample size (< 4 providers)

<b>85th Percentile - Certified/Registered Home Providers</b>						
<b>AGE/RATE CATEGORIES</b>	<b>County Group A</b>	<b>County Group B</b>	<b>County Group C</b>	<b>County Group D</b>	<b>County Group E</b>	<b>County Group F</b>
INFANT - Full Time Weekly	\$112.76	\$126.55	\$123.35	\$152.68	\$162.23	\$162.37
INFANT - Part Time Weekly	\$54.95	\$84.95	\$95.49	\$117.85	\$143.49	\$130.27
INFANT - Hourly	*	\$3.10	\$3.09	\$5.31	\$6.71	\$6.00
TODDLER - Full Time Weekly	\$101.12	\$122.90	\$128.42	\$140.09	\$153.63	\$164.18
TODDLER - Part Time Weekly	\$63.14	\$88.62	\$94.84	\$109.66	\$111.27	\$130.34
TODDLER - Hourly	*	\$3.20	\$3.22	\$4.78	\$6.36	\$5.35
PRESCHOOL - Full Time Weekly	\$103.72	\$121.59	\$122.22	\$136.99	\$146.01	\$151.13
PRESCHOOL - Part Time Weekly	\$63.83	\$80.09	\$97.15	\$96.26	\$103.18	\$125.45
PRESCHOOL - Hourly	*	\$3.03	\$3.02	\$4.48	\$6.75	\$7.02
SCHOOLAGE - Full Time Weekly	\$96.09	\$111.74	\$123.28	\$152.46	\$139.95	\$143.28
SCHOOLAGE - Part Time Weekly	\$60.07	\$73.60	\$86.12	\$87.02	\$96.14	\$107.68
SCHOOLAGE - Hourly	\$2.59	\$3.30	\$3.27	\$4.07	\$5.70	\$6.20
SCHOOLAGESUMMER - Full Time Weekly	\$100.15	\$113.40	\$121.95	\$148.08	\$137.84	\$150.63
SCHOOLAGESUMMER - Part Time Weekly	\$58.14	\$75.96	\$96.97	\$91.58	\$109.90	\$118.94
SCHOOLAGESUMMER - Hourly	\$2.85	\$2.91	\$2.84	\$3.71	\$7.69	\$7.39

\* = percentile not calculated due to small sample size (< 4 providers)

<b>90th Percentile - Licensed (Centers and Type A Home Providers)</b>						
<b>AGE/RATE CATEGORIES</b>	<b>County Group A</b>	<b>County Group B</b>	<b>County Group C</b>	<b>County Group D</b>	<b>County Group E</b>	<b>County Group F</b>
INFANT - Full Time Weekly	\$119.25	\$142.26	\$160.06	\$178.50	\$212.30	\$243.94
INFANT - Part Time Weekly	\$85.02	\$106.31	\$114.73	\$153.13	\$170.23	\$197.93
INFANT - Hourly	*	\$5.86	\$5.08	\$7.41	*	\$7.32
TODDLER - Full Time Weekly	\$114.19	\$127.11	\$145.34	\$156.93	\$193.19	\$218.96
TODDLER - Part Time Weekly	\$75.46	\$95.48	\$112.86	\$115.50	\$146.90	\$162.86
TODDLER - Hourly	*	*	*	*	\$7.83	\$9.75
PRESCHOOL - Full Time Weekly	\$109.73	\$111.61	\$131.54	\$137.62	\$169.64	\$184.77
PRESCHOOL - Part Time Weekly	\$70.76	\$81.57	\$108.07	\$98.12	\$125.05	\$130.02
PRESCHOOL - Hourly	\$6.45	\$3.55	\$4.91	\$5.58	\$6.99	\$6.92
SCHOOLAGE - Full Time Weekly	\$95.74	\$95.43	\$120.18	\$125.30	\$136.31	\$137.34
SCHOOLAGE - Part Time Weekly	\$54.61	\$72.85	\$92.10	\$82.05	\$95.90	\$101.69
SCHOOLAGE - Hourly	\$3.30	\$4.60	\$4.74	\$4.89	\$6.68	\$6.84
SCHOOLAGESUMMER - Full Time Weekly	\$125.33	\$111.88	\$130.34	\$141.61	\$162.88	\$179.86
SCHOOLAGESUMMER - Part Time Weekly	\$62.68	\$72.89	\$92.12	\$104.99	\$120.91	\$131.25
SCHOOLAGESUMMER - Hourly	\$4.33	\$4.75	\$3.82	\$6.06	\$13.33	\$9.02

\* = percentile not calculated due to small sample size (< 4 providers)

<b>90th Percentile - Certified/Registered Home Providers</b>						
<b>AGE/RATE CATEGORIES</b>	<b>County Group A</b>	<b>County Group B</b>	<b>County Group C</b>	<b>County Group D</b>	<b>County Group E</b>	<b>County Group F</b>
INFANT - Full Time Weekly	\$117.16	\$130.42	\$127.72	\$158.32	\$168.99	\$168.03
INFANT - Part Time Weekly	\$56.77	\$89.41	\$100.70	\$125.38	\$154.09	\$138.53
INFANT - Hourly	*	\$3.19	\$3.14	\$5.50	\$7.16	\$6.31
TODDLER - Full Time Weekly	\$104.70	\$127.28	\$133.45	\$144.53	\$160.56	\$172.16
TODDLER - Part Time Weekly	\$67.06	\$93.60	\$100.27	\$115.48	\$118.96	\$137.73
TODDLER - Hourly	*	\$3.29	\$3.30	\$5.01	\$6.87	\$5.67
PRESCHOOL - Full Time Weekly	\$108.03	\$125.72	\$126.42	\$141.40	\$151.79	\$158.11
PRESCHOOL - Part Time Weekly	\$66.78	\$83.64	\$102.84	\$101.25	\$110.04	\$130.36
PRESCHOOL - Hourly	*	\$3.15	\$3.11	\$4.73	\$7.15	\$7.48
SCHOOLAGE - Full Time Weekly	\$100.11	\$116.55	\$130.42	\$162.34	\$149.32	\$152.59
SCHOOLAGE - Part Time Weekly	\$61.49	\$77.01	\$92.52	\$92.68	\$103.08	\$114.49
SCHOOLAGE - Hourly	\$2.67	\$3.44	\$3.40	\$4.27	\$6.06	\$6.55
SCHOOLAGESUMMER - Full Time Weekly	\$103.99	\$117.63	\$126.91	\$155.33	\$145.48	\$158.12
SCHOOLAGESUMMER - Part Time Weekly	\$60.54	\$78.28	\$101.29	\$96.24	\$116.70	\$127.99
SCHOOLAGESUMMER - Hourly	\$2.97	\$3.03	\$2.96	\$3.87	\$8.25	\$7.88

\* = percentile not calculated due to small sample size (< 4 providers)

<b>95th Percentile - Licensed (Centers and Type A Home Providers)</b>						
<b>AGE/RATE CATEGORIES</b>	<b>County Group A</b>	<b>County Group B</b>	<b>County Group C</b>	<b>County Group D</b>	<b>County Group E</b>	<b>County Group F</b>
INFANT - Full Time Weekly	\$123.06	\$149.45	\$166.62	\$187.87	\$222.67	\$256.12
INFANT - Part Time Weekly	\$89.38	\$112.38	\$119.90	\$164.69	\$182.05	\$214.46
INFANT - Hourly	*	\$6.21	\$5.53	\$7.99	*	\$7.63
TODDLER - Full Time Weekly	\$117.29	\$132.98	\$151.74	\$165.43	\$202.70	\$231.76
TODDLER - Part Time Weekly	\$78.58	\$101.14	\$121.04	\$123.55	\$157.07	\$175.05
TODDLER - Hourly	*	*	*	*	\$8.08	\$10.39
PRESCHOOL - Full Time Weekly	\$114.00	\$116.15	\$138.42	\$144.68	\$178.19	\$195.04
PRESCHOOL - Part Time Weekly	\$74.16	\$87.16	\$117.87	\$108.69	\$135.86	\$141.14
PRESCHOOL - Hourly	\$7.08	\$3.75	\$5.29	\$5.94	\$7.41	\$7.66
SCHOOLAGE - Full Time Weekly	\$101.07	\$103.13	\$130.41	\$136.91	\$147.96	\$149.81
SCHOOLAGE - Part Time Weekly	\$57.44	\$79.12	\$100.09	\$89.73	\$103.99	\$111.16
SCHOOLAGE - Hourly	\$3.47	\$4.96	\$5.13	\$5.28	\$7.29	\$7.40
SCHOOLAGESUMMER - Full Time Weekly	\$129.56	\$116.78	\$137.53	\$149.44	\$173.42	\$190.42
SCHOOLAGESUMMER - Part Time Weekly	\$65.12	\$77.72	\$98.54	\$111.78	\$129.29	\$142.16
SCHOOLAGESUMMER - Hourly	\$4.60	\$5.02	\$4.21	\$6.66	\$14.79	\$10.09

\* = percentile not calculated due to small sample size (< 4 providers)

<b>95th Percentile - Certified/Registered Home Providers</b>						
<b>AGE/RATE CATEGORIES</b>	<b>County Group A</b>	<b>County Group B</b>	<b>County Group C</b>	<b>County Group D</b>	<b>County Group E</b>	<b>County Group F</b>
INFANT - Full Time Weekly	\$123.69	\$136.17	\$134.18	\$166.69	\$179.02	\$176.42
INFANT - Part Time Weekly	\$59.46	\$96.02	\$108.43	\$136.54	\$169.80	\$150.78
INFANT - Hourly	*	\$3.31	\$3.21	\$5.78	\$7.81	\$6.77
TODDLER - Full Time Weekly	\$110.00	\$133.78	\$140.90	\$151.10	\$170.83	\$183.98
TODDLER - Part Time Weekly	\$72.86	\$100.98	\$108.32	\$124.12	\$130.35	\$148.68
TODDLER - Hourly	*	\$3.43	\$3.42	\$5.34	\$7.63	\$6.16
PRESCHOOL - Full Time Weekly	\$114.41	\$131.84	\$132.64	\$147.94	\$160.35	\$168.46
PRESCHOOL - Part Time Weekly	\$71.15	\$88.91	\$111.27	\$108.64	\$120.20	\$137.62
PRESCHOOL - Hourly	*	\$3.33	\$3.24	\$5.09	\$7.75	\$8.18
SCHOOLAGE - Full Time Weekly	\$106.07	\$123.69	\$141.02	\$176.99	\$163.21	\$166.38
SCHOOLAGE - Part Time Weekly	\$63.60	\$82.08	\$102.01	\$101.07	\$113.37	\$124.57
SCHOOLAGE - Hourly	\$2.79	\$3.65	\$3.59	\$4.56	\$6.59	\$7.07
SCHOOLAGESUMMER - Full Time Weekly	\$109.69	\$123.90	\$134.26	\$166.06	\$156.80	\$169.22
SCHOOLAGESUMMER - Part Time Weekly	\$64.10	\$81.72	\$107.69	\$103.14	\$126.78	\$141.41
SCHOOLAGESUMMER - Hourly	\$3.15	\$3.20	\$3.13	\$4.11	\$9.08	\$8.60

\* = percentile not calculated due to small sample size (< 4 providers)

**Appendix A – Advance Letter, Licensed**

March 10, 2006

Dear Child Care Provider:

Did you know the Ohio Department of Job and Family Services (ODJFS) subsidizes a portion of the cost of child care services in Ohio. Every two years, ODJFS collects data to ensure subsidized child care reimbursement rates are comparable to current private pay child care rates in Ohio. You can help ODJFS get an accurate picture of current child care rates around Ohio by completing a questionnaire about your enrollments and child care rates. You will receive this questionnaire in a few days.

We are asking all ODJFS licensed centers and type A home providers to complete the questionnaire. You do not need to be currently participating in the ODJFS subsidized child care program to complete the questionnaire, and completing the questionnaire will not require you to participate in the ODJFS subsidized child care program. The study will be the most accurate and useful toward establishing comparable ODJFS subsidized rates when everyone completes a questionnaire.

If you are no longer providing child care services, please write "NA" on the questionnaire and return it to us. We are sending questionnaires to business offices and not to center locations if these are different. We need the questionnaire completed for each center location, even if the rates are the same, to accurately assess rates for services around Ohio.

Thank you for your time and consideration.

Sincerely,

Rick Smith  
Deputy Director  
Office for Children and Families  
Ohio Department of Job and Family Services

Thomas A. Bishop, Ph.D.  
Director  
Statistical Consulting Service  
Ohio State University

**Appendix B – Advance Letter, Certified and Registered**

March 10, 2006

Dear Child Care Provider:

Did you know the Ohio Department of Job and Family Services (ODJFS) subsidizes a portion of the cost of child care services in Ohio. Every two years, ODJFS collects data to ensure subsidized child care reimbursement rates are comparable to current private pay child care rates in Ohio. You can help ODJFS get an accurate picture of current child care rates around Ohio by completing a questionnaire about your enrollments and child care rates. You will receive this questionnaire in a few days.

We are asking all ODJFS certified home child care providers and many private home child care providers registered with local child care resource and referral agencies to complete the questionnaire. Completing the questionnaire will not require private home child care providers to participate in the ODJFS subsidized child care program. The study will be the most accurate and useful toward establishing comparable ODJFS subsidized rates when everyone completes a questionnaire.

If you are no longer providing child care services, please write "NA" on the questionnaire and return it to us. The questionnaire will include instructions to help you complete it and a postage free labeled envelope so you can return it at no cost to you. The questionnaire should take about 10 minutes to complete.

Thank you for your time and consideration.

Sincerely,

Rick Smith  
Deputy Director  
Office for Children and Families  
Ohio Department of Job and Family Services

Thomas A. Bishop, Ph.D.  
Director  
Statistical Consulting Service  
Ohio State University

**Appendix C – First Cover Letter, Licensed**

Business Address:

Center Location:

Did you know the Ohio Department of Job and Family Services (ODJFS) subsidizes a portion of the cost of child care services in Ohio. ODJFS needs your help to establish subsidized child care reimbursement rates that are comparable to current child care rates in Ohio. Even if you do not participate in the ODJFS subsidized child care program, by completing this questionnaire you can help ODJFS determine the current rates the general public is paying.

We are asking all ODJFS licensed centers and type A home providers to complete this questionnaire. You do not have to be participating in the ODJFS subsidized child care program to complete the questionnaire, and completing the questionnaire will not require you to participate in the ODJFS subsidized child care program. This study will be the most accurate and useful toward establishing comparable ODJFS subsidized rates when everyone completes a questionnaire. You can help us meet our goal by completing your questionnaire and returning it by **March 30, 2006**.

If you are no longer providing child care services, please write "NA" on the questionnaire and return it to us. We will remove your name from our list.

We have enclosed a self addressed, postage paid envelope so you can return it at no cost to you. We need information about each location you operate to accurately determine the rates across Ohio. **Please complete a questionnaire for each location, even if all locations have the same rates.**

If you have questions about this project, please call the ODJFS Bureau of Child Care & Development at (614) 466-7762 and ask to speak with Charles McMillon. You also may go to [www.jfs.ohio.gov/cdc/](http://www.jfs.ohio.gov/cdc/) and click "More Child Care Resources" to learn more.

Thank you very much for helping with this important study.

Sincerely,

Rick Smith  
Deputy Director  
Office for Children and Families  
Ohio Department of Job and Family Services

Thomas A. Bishop, Ph.D.  
Director  
Statistical Consulting Service  
Ohio State University

**Appendix D – First Cover Letter, Certified and Registered**

Dear Child Care Provider:

Did you know the Ohio Department of Job and Family Services (ODJFS) subsidizes a portion of the cost of child care services in Ohio. ODJFS needs your help to establish subsidized child care reimbursement rates that are comparable to current child care rates in Ohio. Even if you do not participate in the ODJFS subsidized child care program, by completing this questionnaire you can help ODJFS determine the current rates the general public is paying.

We are asking all ODJFS certified home care providers and many private home care providers registered with local child care resource and referral agencies to complete the questionnaire. You do not have to be participating in the ODJFS subsidized child care program to complete the questionnaire, and completing the questionnaire will not require you to participate in the subsidized child care program. This study will be the most accurate and useful toward establishing comparable ODJFS subsidized rates when everyone completes a questionnaire. You can help us meet our goal by completing your questionnaire and returning it by **March 30, 2006**.

If you are no longer providing child care services for children, please write "NA" on the questionnaire and return it to us. We will remove your name from our list.

We have enclosed a self addressed, postage paid envelope so you can return it at no cost to you. The questionnaire should take about 10 minutes to complete.

If you have further questions about this project, please call ODJFS Bureau of Child Care & Development at (614) 466-7762 and ask to speak with Charles McMillon. You also may go to [www.jfs.ohio.gov/cdc/](http://www.jfs.ohio.gov/cdc/) and click "More Child Care Resources" to learn more.

Thank you very much for helping with this important study.

Sincerely,

Rick Smith  
Deputy Director  
Office for Children and Families  
Ohio Department of Job and Family Services

Thomas A. Bishop, Ph.D.  
Director  
Statistical Consulting Service  
Ohio State University

**Appendix E – Second Cover Letter, Licensed**

Business Address:

Center Location:

About three weeks ago we sent a questionnaire to you that asked about your enrollments and your rates for private child care. To the best of our knowledge, your questionnaire has not been returned.

If you have recently returned the questionnaire, we thank you. If you have not yet returned the questionnaire, we ask that you do so. Your information is important to us because it will help us accurately establish subsidized child care reimbursement rates that are comparable to current child care rates in Ohio.

Even if you do not participate in the ODJFS subsidized child care program, by completing this questionnaire you can help ODJFS determine the current rates the general public is paying. This study will be the most accurate and useful toward establishing comparable ODJFS subsidized rates when everyone completes a questionnaire. You can help us meet our goal by completing your questionnaire and mailing it by **April 25, 2006**.

We are asking all ODJFS licensed centers and type A home providers to complete a questionnaire. Completing the questionnaire will not require you to participate in the ODJFS subsidized child care program. If you are no longer providing child care services, please write "NA" on the questionnaire and return it to us. We will remove your name from our list.

We have enclosed a self addressed, postage paid envelope so you can return it at no cost to you. We need information about each location you operate to accurately determine the rates across Ohio. **Please complete a questionnaire for each location, even if all locations have the same rates.**

If you have questions about this project, please call the ODJFS Bureau of Child Care & Development at (614) 466-7762 and ask to speak with Charles McMillon. You also may go to [www.jfs.ohio.gov/cdc/](http://www.jfs.ohio.gov/cdc/) and click "More Child Care Resources" to learn more.

Thank you very much for helping with this important study.

Sincerely,

Rick Smith  
Deputy Director  
Office for Children and Families  
Ohio Department of Job and Family Services

Thomas A. Bishop, Ph.D.  
Director  
Statistical Consulting Service  
Ohio State University

**Appendix F – Second Cover Letter, Certified and Registered**

Dear Child Care Provider:

About three weeks ago we sent a questionnaire to you that asked about your enrollments and your rates for private child care. To the best of our knowledge, your questionnaire has not been returned.

If you have recently returned the questionnaire, we thank you. If you have not yet returned the questionnaire, we ask that you do so. Your information is important to us because it will help us accurately establish subsidized child care reimbursement rates that are comparable to current child care rates in Ohio.

Even if you do not participate in the ODJFS subsidized child care program, by completing this questionnaire you can help ODJFS determine the current rates the general public is paying. This study will be the most accurate and useful toward establishing comparable ODJFS subsidized rates when everyone completes a questionnaire. You can help us meet our goal by completing your questionnaire and mailing it by **April 25, 2006**.

We are asking all ODJFS certified home care providers and many private home care providers registered with local child care resource and referral agencies to complete a questionnaire. Completing the questionnaire will not require you to participate in the subsidized child care program if you are not already participating in it.

If you are no longer providing child care services for children, please write "NA" on the questionnaire and return it to us. We will remove your name from our list. We have enclosed a self addressed, postage paid envelope so you can return it at no cost to you.

If you have further questions about this project, please call ODJFS Bureau of Child Care & Development at (614) 466-7762 and ask to speak with Charles McMillon. You also may go to [www.jfs.ohio.gov/cdc/](http://www.jfs.ohio.gov/cdc/) and click "More Child Care Resources" to learn more.

Thank you very much for helping with this important study.

Sincerely,

Rick Smith  
Deputy Director  
Office for Children and Families  
Ohio Department of Job and Family Services

Thomas A. Bishop, Ph.D.  
Director  
Statistical Consulting Service  
Ohio State University

## **Appendix G – Survey Instrument, Licensed**

## 2006 Ohio Child Care Questionnaire

This questionnaire was designed to collect information about enrollments and rates despite differences among providers in how they deliver their services.

**Please complete this questionnaire using enrollment and rate information for the location shown on the previous page.** Please try to answer the questions as accurately as possible. If a question asks about a service that you do not provide, please write “NA” in the answer space.

We ask about children in four age groups:

- Ages newborn through 17 months old (INFANT)
- Ages 18 months through 35 months old (TODDLER)
- Ages 3 through 5 years old not yet in kindergarten (PRESCHOOL)
- Ages 5 through 12 years old enrolled in kindergarten or higher (SCHOOL-AGE)

If you do not provide child care services for children in one of these age groups, please check the box at the top of that section and go to the next section.

For “a” questions, we want to know the number of children in an age group for which you provide child care services for a certain amount of time. If you do not offer child care services for children in that age group for that amount of time, please enter “NA” and go to the next question as indicated. If you offer child care services for that age group but do not currently have any children enrolled, please enter “0” and go to the next question as indicated.

For “b” questions, how many of the children that you counted in previous “a” questions have their child care payment subsidized by an Ohio county JFS or by the state of Ohio. You do not have to be participating in the ODJFS subsidized child care program to complete the questionnaire. Completing the questionnaire will not require you to participate in the ODJFS subsidized child care program.

For “c” questions we want to know what you would charge the general public for different situations. Imagine that a private pay client asks how much you would charge for a certain situation. **How does this request fall into your current private pay rate schedule?** For example, for one provider a request may fall in their full-time rate schedule, while for another provider the same request may fall into their part-time rate schedule. Do not include any discounts in the rates. If you have sliding scales based on income, please tell us your maximum rates. Assume that you have an opening and that all care is to be delivered on weekdays between 6 a.m. and 6 p.m. Do not calculate special rates for this questionnaire. If you do not offer services that match a request, please enter “NA” in the space.

Many of the “c” questions have an answer space for “dollars per week.” This is because many providers charge by the week. If you charge by the month, day, hour, or by some other period, please use the second space to tell us what and how you charge. For example:

\$ \_\_\_\_\_ per week....or.....\$ 200 per month (billing period)

or...

\$ \_\_\_\_\_ per week....or.....\$ 35 per day (billing period)

**Section 1: Children ages newborn through 17 months old**

**➔ If you do not offer any services for children ages newborn through 17 months, please check this box  and go to Section 2 on page 4.**

1a) How many children ages newborn through 17 months are currently enrolled at this location for at least 25 hours per week but not more than 60 hours per week?

\_\_\_\_\_ ➔ **If you do not offer this service, please write “NA” and go to 2a.  
If you offer this service but no children are currently enrolled, enter 0 and go to 1c.**

1b) How many of the children counted in question 1a receive your services through JFS subsidized child care paid by an Ohio county or the state? \_\_\_\_\_

1c) According to your rate schedule for private pay clients, what would you charge for a 9-month-old enrolled for 40 hours per week (for example, 8 hours per day, 5 days per week)?

\$\_\_\_\_\_ per week....or.....\$\_\_\_\_\_ per \_\_\_\_\_(billing period)

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2a) How many children ages newborn through 17 months are currently enrolled at this location for at least 8 hours per week but not more than 25 hours per week?

\_\_\_\_\_ ➔ **If you do not offer this service, please write “NA” and go to 3a.  
If you offer this service but no children are currently enrolled, enter 0 and go to 2c.**

2b) How many of the children counted in question 2a receive your services through JFS subsidized child care paid by an Ohio county or the state? \_\_\_\_\_

2c) According to your rate schedule for private pay clients, what would you charge for a 9-month-old enrolled for 21 hours per week (for example, 7 hours per day, 3 days per week)?

\$\_\_\_\_\_ per week....or.....\$\_\_\_\_\_ per \_\_\_\_\_(billing period)

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3a) How many children ages newborn through 17 months are currently enrolled at this location for less than 7 hours per week?

\_\_\_\_\_ ➔ **If you do not offer this service, please write “NA” and go to 4a.  
If you offer this service but no children are currently enrolled, enter 0 and go to 3c.**

3b) How many of the children counted in question 3a receive your services through JFS subsidized child care paid by an Ohio county or the state? \_\_\_\_\_

3c) According to your rate schedule for private pay clients, what is your hourly rate for a 9-month-old child?

\$\_\_\_\_\_ per hour

**Section 2: Children ages 18 months through 35 months**

**➔ If you do not offer any services for children ages 18 through 35 months, please check this box  and go to Section 3 on page 5.**

4a) How many children ages 18 months through 35 months are currently enrolled at this location for least 25 hours per week but not more than 60 hours per week?

\_\_\_\_\_ ➔ **If you do not offer this service, please write “NA” and go to 5a. If you offer this service but no children are currently enrolled, enter 0 and go to 4c.**

4b) How many of the children counted in question 4a receive your services through JFS subsidized child care paid by an Ohio county or the state? \_\_\_\_\_

4c) According to your rate schedule for private pay clients, what would you charge for a 27-month-old enrolled for 40 hours per week (for example, 8 hours per day, 5 days a week)?

\$ \_\_\_\_\_ per week....or.....\$ \_\_\_\_\_ per \_\_\_\_\_ (billing period)

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5a) How many children ages 18 months through 35 months are currently enrolled at this location for at least 8 hours per week but not more than 25 hours per week?

\_\_\_\_\_ ➔ **If you do not offer this service, please write “NA” and go to 6a. If you offer this service but no children are currently enrolled, enter 0 and go to 5c.**

5b) How many of the children counted in question 5a receive your services through JFS subsidized child care paid by an Ohio county or the state? \_\_\_\_\_

5c) According to your rate schedule for private pay clients, what would you charge for a 27-month-old enrolled for 21 hours per week (for example, 7 hours per day, 3 days a week)?

\$ \_\_\_\_\_ per week....or.....\$ \_\_\_\_\_ per \_\_\_\_\_ (billing period)

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6a) How many children ages 18 months through 35 months are currently enrolled at this location for less than 7 hours per week?

\_\_\_\_\_ ➔ **If you do not offer this service, please write “NA” and go to 7a. If you offer this service but no children are currently enrolled, enter 0 and go to 6c.**

6b) How many of the toddlers counted in question 6a receive your services through JFS subsidized child care paid by an Ohio county or the state? \_\_\_\_\_

6c) According to your rate schedule for private pay clients, what is your hourly rate for a 27-month-old child?

\$ \_\_\_\_\_ per hour

**Section 3: Children ages 3 through 5 years, not yet in kindergarten, and not enrolled in the Early Learning Initiative (ELI) program**

**➔ If you do not offer any services for children ages 3 through 5 years, not yet in kindergarten or enrolled in ELI, please check this box  and go to Section 4 on page 6.**

7a) How many children ages 3 through 5 and not yet in kindergarten or ELI are currently enrolled at this location for at least 25 hours per week but less than 60 hours per week?  
\_\_\_\_\_ ➔ **If you do not offer this service, please write “NA” and go to 8a.  
If you offer this service but no children are currently enrolled, enter 0 and go to 7c.**

7b) How many of the children counted in question 7a receive your services through JFS subsidized child care paid by an Ohio county or the state? \_\_\_\_\_

7c) According to your rate schedule for private pay clients, what would you charge for a 4-year-old enrolled for 40 hours per week (for example, 8 hours per day, 5 days per week)?  
\$ \_\_\_\_\_ per week....or....\$ \_\_\_\_\_ per \_\_\_\_\_ (billing period)

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8a) How many children ages 3 through 5 and not in kindergarten or ELI are currently enrolled at this location for at least 8 hours per week but not more than 25 hours per week?  
\_\_\_\_\_ ➔ **If you do not offer this service, please write “NA” and go to 9a.  
If you offer this service but no children are currently enrolled, enter 0 and go to 8c.**

8b) How many of the children counted in question 8a receive your services through JFS subsidized child care paid by an Ohio county or the state? \_\_\_\_\_

8c) According to your rate schedule for private pay clients, what would you charge for a 4-year-old enrolled for 21 hours per week (for example, 7 hours per day, 3 days per week)?  
\$ \_\_\_\_\_ per week....or....\$ \_\_\_\_\_ per \_\_\_\_\_ (billing period)

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9a) How many children ages 3 through 5 and not yet in kindergarten or ELI are currently enrolled at this location for less than 7 hours per week?  
\_\_\_\_\_ ➔ **If you do not offer this service, please write “NA” and go to 10a.  
If you offer this service but no children are currently enrolled, enter 0 and go to 9c.**

9b) How many of the children counted in question 9a receive your services through JFS subsidized child care paid by an Ohio county or the state? \_\_\_\_\_

9c) According to your rate schedule for private pay clients, what is your hourly rate for a 4-year-old?  
\$ \_\_\_\_\_ per hour

**Section 4: Children ages 5 through 12 years and in kindergarten or higher**

**Regular school-year enrollments and rates**

➔ If you do not offer any services during the regular school year for children ages 5 through 12 years and in kindergarten or higher, please check this box  and go to Section 5 on page 7.

10a) How many children ages 5 through 12 years and in kindergarten or higher are currently enrolled at this location for at least 25 hours per week but less than 60 hours per week?  
\_\_\_\_\_ ➔ If you do not offer this service, please write “NA” and go to 11a.  
If you offer this service but no children are currently enrolled, enter 0 and go to 10c.

10b) How many of the children counted in question 10a receive your services through JFS subsidized child care paid by an Ohio county or the state? \_\_\_\_\_

10c) According to your rate schedule for private pay clients, what would you charge for a 7-year-old enrolled for 30 hours per week after school during the regular school year (for example, 6 hours per day, 5 days per week)?

\$\_\_\_\_\_ per week....or.....\$\_\_\_\_\_ per \_\_\_\_\_( billing period)

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11a) How many children 5 through 12 years and in kindergarten or higher are currently enrolled at this location for at least 8 hours per week but not more than 25 hours per week?  
\_\_\_\_\_ ➔ If you do not offer this service, please write “NA” and go to 12a.  
If you offer this service but no children are currently enrolled, enter 0 and go to 11c.

11b) How many of the children counted in question 11a receive your services through JFS subsidized child care paid by an Ohio county or the state? \_\_\_\_\_

11c) According to your rate schedule for private pay clients, what would you charge for a 7-year-old enrolled for 21 hours per week after school during the regular school year (for example, about 4.25 hours per day, 5 days per week)?

\$\_\_\_\_\_ per week....or.....\$\_\_\_\_\_ per \_\_\_\_\_(billing period)

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12a) How many children 5 through 12 years and in kindergarten or higher are currently enrolled at this location for less than 7 hours per week?  
\_\_\_\_\_ ➔ If you do not offer this service, please write “NA” and go to 13a.  
If you offer this service but no children are currently enrolled, enter 0 and go to 12c.

12b) How many of the children counted in question 12a receive your services through JFS subsidized child care paid by an Ohio county or the state? \_\_\_\_\_

12c) According to your rate schedule for private pay clients, what is your hourly rate for a 7-year-old after school during the regular school year?

\$ \_\_\_\_\_ per hour

**Section 5: Children ages 5 through 12 years and in kindergarten or higher**

**Summer and school-vacation periods enrollments and rates**

**➔ If you do not plan to offer any services during summer or school vacation periods for children ages 5 through 12 years and in kindergarten or higher, please check this box  and go to Section 6 on page 8.**

13a) How many children ages 5 through 12 years and in kindergarten or higher do you expect to enroll at this location for at least 25 hours per week but less than 60 hours per week during summer and school vacations?

\_\_\_\_\_ ➔ **If you do not offer this service, please write “NA” and go to 14a. If you offer this service but no children are currently enrolled, enter 0 and go to 13c.**

13b) How many of the children counted in question 13a probably will receive your services through JFS subsidized child care paid by an Ohio county or the state? \_\_\_\_\_

13c) According to your rate schedule for private pay clients, what would you charge for a 7-year-old enrolled for 40 hours per week during summer and school vacations (for example, 8 hours per day, 5 days per week)?

\$ \_\_\_\_\_ per week....or.....\$ \_\_\_\_\_ per \_\_\_\_\_ (billing period)

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14a) How many children 5 through 12 years and in kindergarten or higher do you expect to enroll at this location for at least 8 hours per week but not more than 25 hours per week during summer and school vacations?

\_\_\_\_\_ ➔ **If you do not offer this service, please write “NA” and go to 15a. If you offer this service but no children are currently enrolled, enter 0 and go to 14c.**

14b) How many of the children counted in question 14a probably will receive your services through JFS subsidized child care paid by an Ohio county or the state? \_\_\_\_\_

14c) According to your rate schedule for private pay clients, what would you charge for a 7-year-old enrolled for 21 hours per week during summer and school vacations (for example, 7 hours per day, 3 days per week)?

\$ \_\_\_\_\_ per week....or.....\$ \_\_\_\_\_ per \_\_\_\_\_ (billing period)

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15a) How many children 5 through 12 years and in kindergarten or higher do you expect to enroll at this location for less than 7 hours per week during summer and school vacations? \_\_\_\_\_ → **If you do not offer this service, please write “NA” and go to 16. If you offer this service but no children are currently enrolled, enter 0 and go to 15c.**

15b) How many of the children counted in question 15a probably will receive your services through JFS subsidized child care paid by an Ohio county or the state? \_\_\_\_\_

15c) According to your rate schedule for private pay clients, what is your hourly rate for a 7-year-old during summer and school vacations?

\$\_\_\_\_\_ per hour

### **Section 6: Accreditations**

16) Which, if any, of the following accreditations does this location currently have?  
*Please circle all that apply.*

- a. National Association for the Education of Young Children (NAEYC)
- b. National Early Childhood Program Accreditation (NECPA)
- c. National Accreditation Commission for Early Care and Education Programs (NAC) (managed by the National Association of Child Care Providers (NACCP)).
- d. National Afterschool Association (NAA).
- e. Some other accreditation? \_\_\_\_\_

17. Do you charge higher fees because of your accreditation(s)?

- 1. Yes
- 2. No
- 3. Not Applicable

Please use the enclosed envelope to return this questionnaire at no cost to you.  
You may also mail the questionnaire to:

Statistical Consulting Service  
328 Cockins Hall  
1958 Neil Ave.  
The Ohio State University  
Columbus OH 43210

## **Appendix H – Survey Instrument, Certified and Registered**

## 2006 Ohio Child Care Questionnaire

This questionnaire was designed to collect information about enrollments and rates despite differences among providers in how they deliver their services.

Please try to answer the questions as accurately as possible. If a question asks about a type of service that you do not provide, please write "NA" in the answer space.

We ask about children in four age groups:

- Ages newborn through 17 months old (INFANT)
- Ages 18 months through 35 months old (TODDLER)
- Ages 3 through 5 years old not yet in kindergarten (PRE-SCHOOL)
- Ages 5 through 12 years old enrolled in kindergarten or higher (SCHOOL-AGE)

If you do not provide child care services for children in one of these age groups, please check the box at the top of that section and go to the next section.

For "a" questions, we want to know the number of children in an age group for which you provide child care services for a certain amount of time. If you do not offer child care services for children in that age group for the amount of time specified, please enter "NA" and go to the next question as indicated. If you offer child care service for that age group but do not currently have any children enrolled, please enter "0" and go to the next question as indicated.

For "b" questions, we want to know how many of the children that you counted in previous "a" questions have their child care payments subsidized by an Ohio county JFS or by the state of Ohio. Completing the questionnaire will not require private home child care providers to participate in the ODJFS subsidized child care program.

For "c" questions we want to know what you would charge the general public for different situations. Imagine that a private pay client asks how much you would charge for a certain situation. **How does this request fall into your current private pay rate schedule?** For example, for one provider a request may fall in their full-time rate schedule, while for another provider the same request may fall into their part-time rate schedule. Do not include any discounts in the rates. If you have sliding scales based on income, please tell us your maximum rates. Assume that you have an opening and that all care is to be delivered on weekdays between 6 a.m. and 6 p.m. Do not calculate special rates for this questionnaire. If you feel you do not offer services that will match this request, please enter "NA" in the space.

Many of the "c" questions have an answer space for "dollars per week." This is because many providers charge by the week. If you charge by the month, day, hour, or by some other period, please use the second space to tell us what and how you charge. For example:

\$ \_\_\_\_\_ per week....or.....\$ 200 per month (billing period)  
or...

\$ \_\_\_\_\_ per week....or.....\$ 35 per day (billing period)

**Section 1: Children ages newborn through 17 months old**

**➔ If you do not offer any services for children ages newborn through 17 months, please check this box  and go to Section 2 on page 4.**

1a) How many children ages newborn through 17 months are currently enrolled for at least 25 hours per week but not more than 50 hours per week?

\_\_\_\_\_ ➔ **If you do not offer this service, please write “NA” and go to 2a. If you offer this service but no children are currently enrolled, enter 0 and go to 1c.**

1b) How many of the children counted in question 1a receive your services through JFS subsidized child care paid by an Ohio county or the state? \_\_\_\_\_

1c) According to your rate schedule for private pay clients, what would you charge for a 9-month-old enrolled for 40 hours per week (for example, 8 hours per day, 5 days per week)?

\$\_\_\_\_\_ per week....or.....\$\_\_\_\_\_ per \_\_\_\_\_(billing period)

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2a) How many children ages newborn through 17 months are currently enrolled for at least 8 hours per week but not more than 25 hours per week?

\_\_\_\_\_ ➔ **If you do not offer this service, please write “NA” and go to 3a. If you offer this service but no children are currently enrolled, enter 0 and go to 2c.**

2b) How many of the children counted in question 2a receive your services through JFS subsidized child care paid by an Ohio county or the state? \_\_\_\_\_

2c) According to your rate schedule for private pay clients, what would you charge for a 9-month-old enrolled for 21 hours per week (for example, 7 hours per day, 3 days per week)?

\$\_\_\_\_\_ per week....or.....\$\_\_\_\_\_ per \_\_\_\_\_(billing period)

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3a) How many children ages newborn through 17 months are currently enrolled for less than 7 hours per week?

\_\_\_\_\_ ➔ **If you do not offer this service, please write “NA” and go to 4a. If you offer this service but no children are currently enrolled, enter 0 and go to 3c.**

3b) How many of the children counted in question 3a receive your services through JFS subsidized child care paid by an Ohio county or the state? \_\_\_\_\_

3c) According to your rate schedule for private pay clients, what is your hourly rate for a 9-month-old child?

\$\_\_\_\_\_ per hour

**Section 2: Children ages 18 months through 35 months**

**➔ If you do not offer any services for children ages 18 through 35 months, please check this box  and go to Section 3 on page 5.**

4a) How many children ages 18 months through 35 months are currently enrolled for least 25 hours per week but not more than 50 hours per week?

\_\_\_\_\_ ➔ **If you do not offer this service, please write “NA” and go to 5a. If you offer this service but no children are currently enrolled, enter 0 and go to 4c.**

4b) How many of the children counted in question 4a receive your services through JFS subsidized child care paid by an Ohio county or the state? \_\_\_\_\_

4c) According to your rate schedule for private pay clients, what would you charge for a 27-month-old enrolled for 40 hours per week (for example, 8 hours per day, 5 days a week)?

\$ \_\_\_\_\_ per week....or.....\$ \_\_\_\_\_ per \_\_\_\_\_ (billing period)

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5a) How many children ages 18 months through 35 months are currently enrolled for at least 8 hours per week but not more than 25 hours per week?

\_\_\_\_\_ ➔ **If you do not offer this service, please write “NA” and go to 6a. If you offer this service but no children are currently enrolled, enter 0 and go to 5c.**

5b) How many of the children counted in question 5a receive your services through JFS subsidized child care paid by an Ohio county or the state? \_\_\_\_\_

5c) According to your rate schedule for private pay clients, what would you charge for a 27-month-old enrolled for 21 hours per week (for example, 7 hours per day, 3 days a week)?

\$ \_\_\_\_\_ per week....or.....\$ \_\_\_\_\_ per \_\_\_\_\_ (billing period)

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6a) How many children ages 18 months through 35 months are currently enrolled for less than 7 hours per week?

\_\_\_\_\_ ➔ **If you do not offer this service, please write “NA” and go to 7a. If you offer this service but no children are currently enrolled, enter 0 and go to 6c.**

6b) How many of the toddlers counted in question 6a receive your services through JFS subsidized child care paid by an Ohio county or the state? \_\_\_\_\_

6c) According to your rate schedule for private pay clients, what is your hourly rate for a 27-month-old child?

\$ \_\_\_\_\_ per hour

**Section 3: Children ages 3 through 5 years, not yet in kindergarten, and not enrolled in the Early Learning Initiative (ELI) program**

**➔ If you do not offer any services for children ages 3 through 5 years, not yet in kindergarten or enrolled in ELI, please check this box  and go to Section 4 on page 6.**

7a) How many children ages 3 through 5 and not yet in kindergarten or ELI are currently enrolled for at least 25 hours per week but less than 50 hours per week?  
\_\_\_\_\_ ➔ **If you do not offer this service, please write “NA” and go to 8a.  
If you offer this service but no children are currently enrolled, enter 0 and go to 7c.**

7b) How many of the children counted in question 7a receive your services through JFS subsidized child care paid by an Ohio county or the state? \_\_\_\_\_

7c) According to your rate schedule for private pay clients, what would you charge for a 4-year-old enrolled for 40 hours per week (for example, 8 hours per day, 5 days per week)?  
\$ \_\_\_\_\_ per week....or....\$ \_\_\_\_\_ per \_\_\_\_\_ (billing period)

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8a) How many children ages 3 through 5 and not in kindergarten or ELI are currently enrolled for at least 8 hours per week but not more than 25 hours per week?  
\_\_\_\_\_ ➔ **If you do not offer this service, please write “NA” and go to 9a.  
If you offer this service but no children are currently enrolled, enter 0 and go to 8c.**

8b) How many of the children counted in question 8a receive your services through JFS subsidized child care paid by an Ohio county or the state? \_\_\_\_\_

8c) According to your rate schedule for private pay clients, what would you charge for a 4-year-old enrolled for 21 hours per week (for example, 7 hours per day, 3 days per week)?  
\$ \_\_\_\_\_ per week....or....\$ \_\_\_\_\_ per \_\_\_\_\_ (billing period)

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9a) How many children ages 3 through 5 and not yet in kindergarten or ELI are currently enrolled for less than 7 hours per week?  
\_\_\_\_\_ ➔ **If you do not offer this service, please write “NA” and go to 10a.  
If you offer this service but no children are currently enrolled, enter 0 and go to 9c.**

9b) How many of the children counted in question 9a receive your services through JFS subsidized child care paid by an Ohio county or the state? \_\_\_\_\_

9c) According to your rate schedule for private pay clients, what is your hourly rate for a 4-year-old?  
\$ \_\_\_\_\_ per hour

**Section 4: Children ages 5 through 12 years and in kindergarten or higher**

**Regular school-year enrollments and rates**

➔ If you do not offer any services during the regular school year for children ages 5 through 12 years and in kindergarten or higher, please check this box  and go to Section 5 on page 7.

10a) How many children ages 5 through 12 years and in kindergarten or higher are currently enrolled for at least 25 hours per week but less than 50 hours per week?  
\_\_\_\_\_ ➔ If you do not offer this service, please write “NA” and go to 11a.  
If you offer this service but no children are currently enrolled, enter 0 and go to 10c.

10b) How many of the children counted in question 10a receive your services through JFS subsidized child care paid by an Ohio county or the state? \_\_\_\_\_

10c) According to your rate schedule for private pay clients, what would you charge for a 7-year-old enrolled for 30 hours per week after school during the regular school year (for example, 6 hours per day, 5 days per week)?

\$\_\_\_\_\_ per week....or.....\$\_\_\_\_\_ per \_\_\_\_\_( billing period)

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11a) How many children 5 through 12 years and in kindergarten or higher are currently enrolled for at least 8 hours per week but not more than 25 hours per week?  
\_\_\_\_\_ ➔ If you do not offer this service, please write “NA” and go to 12a.  
If you offer this service but no children are currently enrolled, enter 0 and go to 11c.

11b) How many of the children counted in question 11a receive your services through JFS subsidized child care paid by an Ohio county or the state? \_\_\_\_\_

11c) According to your rate schedule for private pay clients, what would you charge for a 7-year-old enrolled for 21 hours per week after school during the regular school year (for example, about 4.25 hours per day, 5 days per week)?

\$\_\_\_\_\_ per week....or.....\$\_\_\_\_\_ per \_\_\_\_\_(billing period)

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12a) How many children 5 through 12 years and in kindergarten or higher are currently enrolled for less than 7 hours per week?  
\_\_\_\_\_ ➔ If you do not offer this service, please write “NA” and go to 13a.  
If you offer this service but no children are currently enrolled, enter 0 and go to 12c.

12b) How many of the children counted in question 12a receive your services through JFS subsidized child care paid by an Ohio county or the state? \_\_\_\_\_

12c) According to your rate schedule for private pay clients, what is your hourly rate for a 7-year-old after school during the regular school year?

\$ \_\_\_\_\_ per hour

**Section 5: Children ages 5 through 12 years and in kindergarten or higher**

**Summer and school-vacation periods enrollments and rates**

➔ **If you do not plan to offer any services during summer or school vacation periods for children ages 5 through 12 years and in kindergarten or higher, please check this box  and go to Section 6 on page 8.**

13a) How many children ages 5 through 12 years and in kindergarten or higher do you expect to enroll for at least 25 hours per week but less than 50 hours per week during summer and school vacations?

\_\_\_\_\_ ➔ **If you do not offer this service, please write “NA” and go to 14a. If you offer this service but no children are currently enrolled, enter 0 and go to 13c.**

13b) How many of the children counted in question 13a probably will receive your services through JFS subsidized child care paid by an Ohio county or the state? \_\_\_\_\_

13c) According to your rate schedule for private pay clients, what would you charge for a 7-year-old enrolled for 40 hours per week during summer and school vacations (for example, 8 hours per day, 5 days per week)?

\$ \_\_\_\_\_ per week....or.....\$ \_\_\_\_\_ per \_\_\_\_\_ (billing period)

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14a) How many children 5 through 12 years and in kindergarten or higher do you expect to enroll for at least 8 hours per week but not more than 25 hours per week during summer and school vacations?

\_\_\_\_\_ ➔ **If you do not offer this service, please write “NA” and go to 15a. If you offer this service but no children are currently enrolled, enter 0 and go to 14c.**

14b) How many of the children counted in question 14a probably will receive your services through JFS subsidized child care paid by an Ohio county or the state? \_\_\_\_\_

14c) According to your rate schedule for private pay clients, what would you charge for a 7-year-old enrolled for 21 hours per week during summer and school vacations (for example, 7 hours per day, 3 days per week)?

\$ \_\_\_\_\_ per week....or.....\$ \_\_\_\_\_ per \_\_\_\_\_ (billing period)

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15a) How many children 5 through 12 years and in kindergarten or higher do you expect to enroll for less than 7 hours per week during summer and school vacations?  
\_\_\_\_\_ → **If you do not offer this service, please write “NA” and go to 16. If you offer this service but no children are currently enrolled, enter 0 and go to 15c.**

15b) How many of the children counted in question 15a probably will receive your services through JFS subsidized child care paid by an Ohio county or the state? \_\_\_\_\_

15c) According to your rate schedule for private pay clients, what is your hourly rate for a 7-year-old during summer and school vacations?

\$\_\_\_\_\_ per hour

### **Section 6: Accreditations**

16) Which, if any, of the following accreditations does this location currently have?  
*Please circle all that apply.*

- a. National Association for the Education of Young Children (NAEYC)
- b. National Early Childhood Program Accreditation (NECPA)
- c. National Accreditation Commission for Early Care and Education Programs (NAC) (managed by the National Association of Child Care Providers (NACCP)).
- d. National Association for Family Child Care (NAFCC).
- e. National Afterschool Association (NAA).
- f. Some other accreditation? \_\_\_\_\_

17. Do you charge higher fees because of your accreditation(s)?

- 1. Yes
- 2. No
- 3. Not Applicable

Please use the enclosed envelope to return this questionnaire at no cost to you.  
You may also mail the questionnaire to:

Statistical Consulting Service  
328 Cockins Hall  
1958 Neil Ave.  
The Ohio State University  
Columbus OH 43210

## References

- [1] Dillman, Don A. (2000). *Mail and Internet Surveys: The Tailored Design Method*. New York: John Wiley & Sons.