

Estimates for Pre-School Children In Early Childhood Programs Dane County

By George Hagenauer , 4-C

These estimates were done for the United Way Born Learning delegation to address the question of how many children in Dane County age 2 through 5 were in some type of program.

The data chart includes data from regulated child care programs from the 4C March-April 2014 Survey. The return rate from the survey was 95% for group centers and 94% for part day pre-schools (including Head Start). 91% of the licensed programs solely serving school age children along with all of the data for MSCR programs in elementary schools. 2013 data or other sources were used to estimate attendance in non-responding programs.

The response rate for Family Child Care was 87% for licensed, 74% for provisionally and fully certified providers. Averages were used for non-responding family child care homes still in operation in September 2014

I added to it public school enrollment for children served on site in public school owned buildings for pre-k, 4k, and Kindergarten and 4K, Pre-k and kindergarten children in programs in private schools that are not regulated by state licensing (since that data is already in the 4C survey.) The school data is from the DPI annual school survey (i.e. PEM and NEM reports) taken in fall 2013 for the 2013-2014 school year.

There was no way to weed out duplicate enrollments – i.e. a child who might be in a public school kindergarten and a private child care though the way we code school age programs does reduce the overlap somewhat.

At this point the chart does not include children age 2 and 3 in birth to 3 nor children in other visitation programs.

Another issue is school district and zip code boundaries. Private schools and child care programs were coded by the zip code where they were located. I did not have time to do that for public schools outside of Madison – so you will see in the notes columns the occasional mention of data from one zip code included in another. As an example, Middleton schools include Cross Plains; Cottage Grove includes Monona; a section of Verona's zip now has a Madison School in it; etc.

The birth data is essentially the total births for the years that the children age 2-5 were born in.

Children Age 2 to 5 in Early Childhood Programs in Dane County March 2014

		Licensed Programs	Public	Private		Public
		Programs	School	School		School
	Zip	Preschool	pre 1st grade	pre 1st grade	total	Notes
Belleville	53508	91	140	0	231	
Black Earth	53515	5	98	0	103	part of Wisc Hghts
Brooklyn	53521	37	0	0	37	part of oregon
Cambridge	53523	47	126	7	180	
Cottage Grove	53527	214	358	0	572	
Cross Plains	53528	90	0	14	104	part of middleton
Dane	53529	22	0	0	22	
Deerfield	53531	85	111	0	196	
Deforest	53532	442	249	0	691	
Edgerton	53534	10	0	0	10	
Lodi	53555	5	0	0	5	
McFarland	53558	317	257	21	595	
Marshall	53559	79	169	0	248	
Mazomanie	53560	8	0	0	8	part of Wisc Hghts
Middleton	53562	480	491	72	1043	
Mt. Horeb	53572	283	196	0	479	
Oregon	53575	468	311	0	779	
Sauk city	53583	4	0	0	4	
Stoughton	53589	368	197	75	640	
Sun Prairie	53590	1026	618	62	1706	
Verona	53593	654	561	0	1215	includes some madison
Waunakee	53597	495	260	121	876	
Windsor	53598	51	0	0	51	
Madison-Ishtmus	53703	288	124	0	412	
Madison-East	53704	851	465	75	1391	
Madison-West	53705	510	535	4	1049	
Madison-University	53706	63	0	0	63	
Madison-Fitchburg	53711	1014	758	277	2049	Fitchburg part of Veron
Madison-Fitchburg	53713	463	225	23	711	Fitchburg part of Veron
Madison-East	53714	381	305	56	742	
Madison-Central	53715	253	157	37	447	
Madison-Monona	53716	443	619	87	1149	monona numbers in cot
Madison-Far West	53717	336	0	72	408	
Madison-Far East	53718	302	0	0	302	
Madison-Southwest	53719	1387	205	75	1667	
Madison-central	53726	40	0	38	78	
Far NE Dane	53925	2	0		2	
2014 total		11614	7535	1116	20265	
estimated births					24317	
Difference					4052	

Estimates for Low Income Pre-School Children In Early Childhood Programs Dane County

By George Hagenauer

4-C

All data relates to preschool children age 2 to 5.

Wisconsin Shares is enrollment data from March 2014 for children who have part or all of their care paid for by the Wisconsin State Subsidy system. Data is from an extract file provided by the state. While the state data includes the home zip of the child, the data shown is based on the zip code of where the child is enrolled so it is consistent with the other available data.

Other Government funded data includes – head start enrollment for children only funded by Head Start for March 2014 (to avoid duplication with the children funded by Shares as Dane County serves a large number of children on state subsidy); as well as CCTAP data and City subsidy data also for March 2014. All of these are based on where the child is enrolled.

Public School enrollment data includes 4K, Kindergarten and pre-k programs. To obtain this data, I used the PEM reports from the DPI annual school survey taken in fall 2013 for the 2013-2014 school year and then multiplied the total data by the free and reduced lunch percentage at the school. No free and reduced lunch percentage exists for private schools so no estimate was able to be made of the number of low income children enrolled in those programs.

There was no way to weed out duplication but most of these programs are exclusive of each other. To receive city subsidy money you need to not be on Wisconsin Shares. Likewise most parents counted here as using Head Start or CCTAP are not also on Shares.

This chart is probably an undercount as it does not include older children in the birth to 3 program or children who may be on a private scholarship.

School attendance borders and zip code borders may not coincide. In the case of public schools outside of Madison I did not have the resources to code each school by the zip code it was located in. Let me know if that is needed.

I also do not have an estimate of how many children in each zip are low income.

Estimates of Low Income Children In Dane County by Zip Code

		Wisconsin Shares	Other Govt	Estimated	Total
		Age	Low Income	Public schools	Low
	zip	2 to 5	age 2-5	Low income age 2-5	Income
Belleville	53508	11	0	31	42
Black Earth	53515	0	0	33	33
Brooklyn	53521	1	0	16	17
Cambridge	53523	3	2	41	46
Cottage Grove	53527	25	1	35	61
Cross Plains	53528	7	0	11	18
Dane	53529	0	0	0	0
Deerfield	53531	7	0	27	34
Deforest	53532	33	18	72	123
Edgerton	53534	2	0	0	2
Lodi	53555	0	1	0	1
McFarland	53558	18	0	37	55
Marshall	53559	20	0	75	95
Mazomanie	53560	1	0	0	1
Middleton	53562	22	3	82	107
Mt. Horeb	53572	3	0	31	34
Oregon	53575	22	1	77	100
Sauk city	53583	2	0	0	2
Stoughton	53589	54	38	121	213
Sun Prairie	53590	128	98	199	425
Verona	53593	17	29	229	275
Waunakee	53597	40	0	45	85
Windsor	53598	5	0	21	26
Madison-Ishtmus	53703	21	10	57	88
Madison-East	53704	302	136	329	767
Madison-West	53705	28	62	195	285
Madison-University	53706	2	8	0	10
Madison-Fitchburg	53711	251	100	404	755
Madison-Fitchburg	53713	266	144	164	574
Madison-East	53714	86	81	189	356
Madison-Central	53715	14	11	36	61
Madison-Monona	53716	59	2	441	502
Madison-Far West	53717	57	45	0	102
Madison-Far East	53718	32	1	0	33
Madison-Southwest	53719	134	15	54	203
Madison-central	53726	4	1	0	5
out county		18	6	0	24
2014	2014 total	1695	813	3052	5,560