Early Learning Conference
Monday, February 21, 2005

Estimated Population and Participation Rates for VPK

	County	All Chidren Estimated to 4 years old On Oct. 2005*	Estimated Participation Rate	Estimated Participation
1	Alachua	2,413	70%	1,689
2	Baker	333	70%	233
3	Bay	1,986	70%	1,390
4	Bradford	286	70%	200
5	Brevard	5,579	70%	3,906
6	Broward	23,958	70%	16,771
7	Calhoun	151	70%	106
8	Charlotte	1,185	70%	829
9	Citrus	1,126	70%	788
10	Clay	2,305	70%	1,613
11	Collier	3,472	70%	2,430
12	Columbia	811	70%	568
13	Miami-Dade	34,356	70%	24,050
14	DeSoto	383	70%	268
15	Dixie	168	70%	117
16	Duval	12,347	70%	8,643
17	Escambia	3,770	70%	2,639
18	Flagler	648	70%	454
19	Franklin	110	70%	77
20	Gadsden	621	70%	434
21	Gilchrist	216	70%	151
22	Glades	120	70%	84
23	Gulf	133	70%	93
24	Hamilton	175	70%	122
25	Hardee	411	70%	288
26	Hendry	674	70%	472
27	Hernando	1,449	70%	1,014
28	Highlands	964	70%	675
29	Hillsborough	15,956	70%	11,170
30	Holmes	230	70%	161
31	Indian River	1,184	70%	829
32	Jackson	515	70%	360
33	Jefferson	145	70%	102
34	Lafayette	81	70%	57
35	Lake	2,794	70%	1,956
36	Lee	5,606	70%	3,924
37	Leon	3,050	70%	2,135
38	Levy	486	70%	340
39	Liberty	71	70%	50
40	Madison	211	70%	147
41	Manatee	3,486	70%	2,440
42	Marion	3,226	70%	2,258
43	Martin	1,314	70%	920
44	Monroe	689	70%	482
45	Nassau	881	70%	617
46	Okaloosa	2,393	70%	1,675
47	Okeechobee	486	70%	340
48	Orange	14,770	70%	10,339
49	Osceola	3,429	70%	2,400
50	Palm Beach	15,201	70%	10,640
51	Pasco	4,599	70%	3,219
52	Pinellas	9,676	70%	6,773
53	Polk	7,084	70%	4,959
54	Putnam	972	70%	680
55	St. Johns	1,748	70%	1,224
56	St. Lucie	2,581	70%	1,807
57	Santa Rosa	1,842	70%	1,289
58	Sarasota	2,928	70%	2,050
59	Seminole	5,625	70%	3,937
60	Sumter	530	70%	371
61	Suwannee	447	70%	313
62	Taylor	218	70%	152
63	Union	156	70%	109
64	Volusia	4,933	70%	3,453
65	Wakulla	335	70%	235
66	Walton	532	70%	372
67	Washington	297	70%	208
	TOTAL	220,853	70%	154,597

*Source: Estimates of 0-4 and 5-9 population by county for October 1 were obtained from the Demographic Estimating Conference
    Database, updated September, 2004. Data were disaggregated using proportions obtained from 2000 Census Data,
    Table QT-P2, Single Years of Age Under 30 Years

Estimates of Children Ages 0, 1, 2, 3, 4, and 5 Living below 100%, 150%, and 200% of the Poverty Level by County for 10/1/2000-10/1/2010

Methodology and Assumptions

1) Disaggregate official population projections of 0-4 year and 5-9 year olds into single years of age (0, 1, 2, 3, 4, 5)

Beginning with the Demographic Estimating Conference official projection of the 0-4 population for 10/1/2000 - 10/1/2010 by county, updated 9/2004, the age group was disaggregated based on the percentage distribution of county population enumerated in the 2000 Census. Data for 4/1/2000 were obtained from U.S Bureau of the Census, SF1, Table QT-P2, Single Years of Age Under 30 Years.

The same methodology was used to obtain estimates of the age 5 population.

Using 2000 Census single year age distributions to disagcounty assumes that the distributions observed in 2000 are applicable to current data.

2) Obtain the poverty rate for the 0-4 and 5 year old population by county

The poverty rates for the 0-4 population and the aged 5 population used in the analysis were obtained from the U.S. Census Bureau, 2000 Decennial Census website. Even though these data were obtained for only a sample of households, it was a very large sample (1 in 6 households). *Using these data assumes that the sample households were representative of all households. Using these data also assumes that children at each individual age experience the same incidence of poverty as the 0-4 group as a whole.*

3) Estimate the number of persons 5 and under living under 100% of poverty by county, 10/1/2000-10/1/2010

The estimates of single year population (0, 1, 2, 3, 4, and 5) for each of the years of interest (2000-2010) were multiplied by the poverty rates obtained from the 2000 Census to obtain estimated numbers of persons living under 100% of poverty.

4) Estimate the percentage of the 0-4 population under 150% of poverty by county and produce estimates of children 0-4 who are living below 150% of the poverty line for 10/1/2000-10/1/2010.

One of the tables available from the U.S. Census Bureau, 2000 Decennial Census (based on sample data) is PCT 50, "Age by Ratio of Income in 1999 to the Poverty Level."   It is available at the county level and shows the number of persons in households in which the household income is, for example, less than .5 of the poverty level, 1.5 times the poverty level etc. The data are available for persons under 5 and age 5. Persons with ratios below 1.0 were living in poverty and those with ratios of 1.0 or higher were not living in poverty. To derive estimates of the number of children ages 0-4 living below 150% (ratio=1.49 or less) of the poverty line, the percentage of children 0-4 in a given county living at or below 1.49 of the poverty level was multiplied by the estimated number of children in each of the single-year age groups for 10/1/2000-10/1/2010.

This methodology assumes that the ratio of income to poverty data are still applicable and that the ratios for 0-4 by county are the same for all single age cohorts.

5) Estimate the number of children age 5 living below 150% of the poverty level by county for 10/1/2000-10/1/2010.

The methodology used for 5-year olds was the same as the one used for children 0-4.

6) Estimate the percentage of the 0-4 population under 200% of poverty by county and produce estimates of children 0-4 who are living below 200% of the poverty line for 10/1/2000-10/1/2010.

To derive estimates of the number of children ages 0-4 living below 200% (ratio=1.99 or less) of the poverty line, the percentage of children 0-4 in a given county living at 1.99 of the poverty level was multiplied by the estimated number of children in each of the single-year age groups for 10/1/2000-10/1/2010.

This methodology assumes that the ratio of income to poverty data are still applicable and that the ratios for 0-4 by county are the same for all single age cohorts.

7) Estimate the number of children age 5 living below 200% of the poverty level by county for 10/1/2000-10/1/2010.

The methodology used for 5-year olds was the same as the one used for children 0-4.

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