



Charlie Crist  
Governor

Ana M. Viamonte Ros, M.D., M.P.H.  
State Surgeon General

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### INTEROFFICE MEMORANDUM

**DATE:** July 11, 2008  
**TO:** County Health Department Directors/Administrators  
**FROM:** Jean L. Kline, R.N., B.S.N., M.P.H.  
Deputy Secretary for Health  
**SUBJECT:** Bureau of Immunization Assessments Ranking Report for 2007

### INFORMATION ONLY

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Please review the attached Bureau of Immunization survey results, ranked according to immunization outcomes by county. These outcomes, previously sent to you, provide individual analyses for kindergarten and seventh grade status, vaccine accountability, and county health department (CHD) immunization status of two-year-old children. Additionally, the survey of two-year-old children reflects immunization levels statewide and by 20 selected counties: Brevard, Broward, Collier, Duval, Escambia, Hillsborough, Lee, Leon, Manatee, Marion, Miami-Dade, Orange, Osceola, Palm Beach, Pasco, Pinellas, Polk, Sarasota, Seminole, and Volusia. The CHDs that achieved a high percentage in immunization coverage levels and vaccine accountability are to be commended.

Please be aware that the CHD immunization status of two-year-old children on Attachments 1, 2, and 3 are based on the minimum standards of four or more doses of DTaP, three or more doses of poliovirus vaccine, and one or more doses of MMR by two years of age. Please note the lines drawn through the rankings on the attached reports. This line designation is a convenient tool for use in evaluating your immunization activities. Those counties above the line have reached the state goal for that assessment, while those listed below the line have not yet reached the established goal.

If you or your staff have any questions or need assistance in improving these vaccine accountability goals, please contact your Bureau of Immunization field staff area representative.

JLK/cha/ml

Attachments

cc: Thomas W. Arnold  
Deputy State Health Officer  
Russell W. Eggert, M.D., M.P.H., Director  
Division of Disease Control

Bureau of Immunization Assessments  
Ranking Report for 2006  
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cc: Continued

Annette Phelps, A.R.N.P., M.S.N., Director  
Division of Family Health Services  
Shannon B. Lease, M.S., Director  
Office of Performance Improvement  
Charles H. Alexander, Chief  
Bureau of Immunization  
County Health Department Nursing Directors  
Bureau of Immunization Field Staff

### IMMUNIZATION ASSESSMENTS RANKED BY COUNTY, FLORIDA 2006-2007

Goal: 95% Kindergarten Status 2006-2007			Goal: 95% Seventh Grade Status 2006-2007			Goal: ≤ 5% Vaccine Accountability 2007			Goal: 90% CHD Assessment (4:3:1:3:3:1) January 1, 2007		
County	Rank	% <sup>^</sup>	County	Rank	% <sup>†</sup>	County	Rank	% <sup>†</sup>	County	Rank	% <sup>‡</sup>
Gulf	1	100.0%	DeSoto	1	100.0%	Columbia	1	0.0%	DeSoto	1	100%
Jackson	2	99.2%	Madison	1	100.0%	Jefferson	1	0.0%	Gadsden	1	100%
Madison	2	99.2%	Taylor	1	100.0%	Lafayette	1	0.0%	Hillsborough	1	100%
Bradford	3	99.1%	Union	1	100.0%	Okeechobee	1	0.0%	Indian River	1	100%
Baker	3	99.1%	Washington	2	99.7%	Wakulla	1	0.0%	Lee	1	100%
Holmes	4	99.0%	Hardee	3	99.5%	Hamilton	2	0.1%	Levy	1	100%
Gadsden	4	99.0%	Highlands	4	99.4%	Hillsborough	2	0.1%	Sumter	1	100%
DeSoto	5	98.9%	Gulf	4	99.4%	Polk	2	0.1%	Wakulla	1	100%
Charlotte	6	98.7%	Hamilton	5	99.3%	Collier	2	0.1%	Flagler	2	99%
Liberty	7	98.5%	Holmes	5	99.3%	Lake	2	0.1%	Pinellas	2	99%
Taylor	8	98.4%	Jackson	5	99.3%	Indian River	3	0.2%	Seminole	2	99%
Hamilton	9	98.3%	Charlotte	6	99.2%	Pinellas	3	0.2%	Suwannee	2	99%
Washington	9	98.3%	Gadsden	7	99.1%	Flagler	3	0.2%	Leon	3	98%
Lafayette	10	98.2%	Wakulla	8	98.9%	Lee	3	0.2%	Sarasota	3	98%
Okeechobee	10	98.2%	Franklin	9	98.8%	Bay	3	0.2%	Brevard	4	97%
Franklin	10	98.2%	Lafayette	9	98.8%	Duval	3	0.2%	Citrus	4	97%
Jefferson	10	98.2%	Suwannee	9	98.8%	Okaloosa	3	0.2%	Collier	4	97%
Citrus	11	98.1%	Calhoun	9	98.8%	Pasco	3	0.2%	Franklin	4	97%
Glades	11	98.1%	Baker	10	98.7%	Brevard	4	0.3%	Hernando	5	96%
Levy	12	98.0%	Levy	11	98.6%	Suwannee	4	0.3%	Highlands	5	96%
Union	13	97.9%	Sumter	12	98.5%	Gadsden	4	0.3%	Pasco	5	96%
Suwannee	14	97.7%	Lee	12	98.5%	Lee	4	0.3%	Polk	5	96%
Highlands	14	97.7%	Hillsborough	12	98.5%	Sumter	4	0.3%	Lafayette	6	95%
Brevard	15	97.4%	Okeechobee	13	98.4%	Escambia	4	0.3%	Volusia	6	95%
Hernando	16	97.2%	Brevard	14	98.3%	Broward	4	0.3%	Gilchrist	7	94%
Lee	17	97.0%	Leon	14	98.3%	St. Lucie	5	0.4%	Escambia	8	93%
Gilchrist	17	97.0%	Citrus	14	98.3%	Alachua	5	0.4%	Lake	9	92%
Leon	18	96.9%	Pinellas	14	98.3%	Citrus	5	0.4%	Okaloosa	9	92%
Sarasota	18	96.9%	Clay	14	98.3%	Orange	6	0.5%	Hamilton	10	91%
Dixie	18	96.9%	Flagler	14	98.3%	Washington	6	0.5%	Osceola	10	91%
Hendry	19	96.8%	Hernando	15	98.2%	Levy	6	0.5%	Putnam	10	91%
Alachua	19	96.8%	Columbia	16	98.1%	Osceola	7	0.6%	Washington	11	90%
Columbia	20	96.7%	Collier	17	98.0%	Gilchrist	7	0.6%	Clay	12	88%
Wakulla	21	96.5%	Polk	17	98.0%	Sarasota	7	0.6%	St. Johns	13	87%
St. Lucie	22	96.4%	Sarasota	17	98.0%	Manatee	7	0.6%	Dixie	14	86%
Clay	23	96.3%	Martin	17	98.0%	Taylor	7	0.6%	Columbia	15	85%
Collier	24	96.0%	Palm Beach	17	98.0%	Hardee	7	0.6%	Alachua	16	84%
Seminole	24	96.0%	Pasco	17	98.0%	Glades	8	0.7%	Martin	17	83%
Hillsborough	25	95.6%	Santa Rosa	18	97.9%	Walton	8	0.7%	Bay	18	82%
Okaloosa	25	95.6%	Indian River	19	97.7%	Marion	8	0.7%	Gulf	18	82%
Escambia	26	94.9%	Alachua	19	97.7%	Leon	8	0.7%	Bradford	19	81%
Palm Beach	27	94.8%	Orange	20	97.6%	Hernando	9	0.8%	Hardee	19	81%
Putnam	28	94.7%	Dixie	20	97.6%	Nassau	9	0.8%	Charlotte	20	79%
Calhoun	29	94.6%	Bay	20	97.6%	St. Johns	9	0.8%	Glades	20	79%
St. Johns	30	94.4%	Volusia	21	97.4%	Franklin	9	0.8%	Marion	20	79%
Nassau	31	94.3%	Marion	21	97.4%	Martin	10	0.9%	Jefferson	21	78%
Walton	32	93.9%	Nassau	22	97.2%	Highlands	10	0.9%	St. Lucie	21	78%
Volusia	32	93.9%	Hendry	23	97.0%	Clay	11	1.0%	Nassau	22	77%
Pinellas	34	93.4%	Walton	23	97.0%	Calhoun	12	1.1%	Holmes	23	76%
Bay	34	93.4%	St. Lucie	23	97.0%	Volusia	13	1.2%	Walton	23	76%
Duval	34	93.4%	Liberty	24	96.9%	Santa Rosa	13	1.2%	Manatee	24	73%
Marion	35	93.2%	Putnam	25	96.8%	Baker	13	1.2%	Monroe	24	73%
Hardee	36	92.5%	Seminole	26	96.4%	Seminole	14	1.3%	Duval	25	72%
Pasco	37	92.3%	St. Johns	27	96.2%	Miami-Dade	14	1.3%	Hendry	25	72%
Polk	38	92.1%	Glades	27	96.2%	Palm Beach	15	1.4%	Union	26	71%
Manatee	39	92.0%	Manatee	28	95.8%	Jackson	15	1.4%	Jackson	27	70%
Orange	39	92.0%	Bradford	28	95.8%	Monroe	16	1.5%	Santa Rosa	28	68%
Indian River	40	91.4%	Okaloosa	29	95.6%	Putnam	16	1.5%	Taylor	28	68%
Martin	41	90.9%	Gilchrist	30	94.5%	Madison	16	1.5%	Liberty	29	67%
Broward	41	90.9%	Jefferson	31	93.1%	Dixie	16	1.5%	Baker	30	66%
Miami-Dade	42	90.8%	Lake	32	92.0%	Hendry	17	1.7%	Calhoun	31	62%
Osceola	43	90.3%	Broward	33	91.8%	Bradford	17	1.7%	Palm Beach	31	62%
Sumter	44	90.1%	Escambia	34	89.4%	Charlotte	18	1.8%	Miami-Dade	32	58%
Flagler	45	89.4%	Duval	35	89.2%	Union	19	2.3%	Orange	33	57%
Monroe	46	88.6%	Osceola	36	85.9%	Liberty	19	2.3%	Broward	34	56%
Lake	47	87.7%	Miami-Dade	37	83.5%	DeSoto	20	2.5%	Madison	35	53%
Santa Rosa	48	84.9%	Monroe	38	77.0%	Holmes	20	2.5%	Okeechobee	35	53%
State Total	33	93.6%	State Total		94.4%	State Total		0.6%	State Total		82%

<sup>^</sup> Percentage of kindergarten students fully immunized according to statutory requirements

<sup>†</sup> Percentage of seventh grade students fully immunized according to statutory requirements

<sup>†</sup> Percentage of unaccounted for vaccine

<sup>‡</sup> Percentage of CHD children immunized with four or more doses of DTaP, three or more doses of poliovirus vaccine, one or more doses of MMR, three or more doses of Hib, three or more doses of Hepatitis B, and one Varicella by two years of age

## IMMUNIZATION ASSESSMENTS BY COUNTY, FLORIDA 2006-2007

Goal: 95% Kindergarten Status 2006-2007			Goal: 95% Seventh Grade Status 2006-2007			Goal: ≤ 5% Vaccine Accountability 2007			Goal: 90% CHD's Assessment (4:3:1) January 1, 2007		
County	Rank	% <sup>^</sup>	County	Rank	% <sup>*</sup>	County	Rank	% <sup>†</sup>	County	Rank	% <sup>‡</sup>
Alachua	19	96.8%	Alachua	19	97.7%	Alachua	5	0.4%	Alachua	13	85%
Baker	3	99.1%	Baker	10	98.7%	Baker	13	1.2%	Baker	21	69%
Bay	34	93.4%	Bay	20	97.6%	Bay	3	0.2%	Bay	14	82%
Bradford	3	99.1%	Bradford	28	95.8%	Bradford	17	1.7%	Bradford	15	81%
Brevard	15	97.4%	Brevard	14	98.3%	Brevard	4	0.3%	Brevard	4	97%
Broward	41	90.9%	Broward	33	91.8%	Broward	4	0.3%	Broward	27	60%
Calhoun	29	94.6%	Calhoun	9	98.8%	Calhoun	12	1.1%	Calhoun	24	65%
Charlotte	6	98.7%	Charlotte	6	99.2%	Charlotte	18	1.8%	Charlotte	15	80%
Citrus	11	98.1%	Citrus	14	98.3%	Citrus	5	0.4%	Citrus	4	97%
Clay	23	96.3%	Clay	14	98.3%	Clay	11	1.0%	Clay	10	88%
Collier	24	96.0%	Collier	17	98.0%	Collier	2	0.1%	Collier	4	97%
Columbia	20	96.7%	DeSoto	1	100.0%	Columbia	1	0.0%	Columbia	13	85%
DeSoto	5	98.9%	Columbia	16	98.1%	DeSoto	20	2.5%	DeSoto	1	100%
Dixie	18	96.9%	Dixie	20	97.6%	Dixie	16	1.5%	Dixie	11	87%
Duval	34	93.4%	Duval	35	89.2%	Duval	3	0.2%	Duval	18	76%
Escambia	26	94.9%	Escambia	34	89.4%	Escambia	4	0.3%	Escambia	7	93%
Flagler	45	89.4%	Flagler	14	98.3%	Flagler	3	0.2%	Flagler	2	99%
Franklin	10	98.2%	Franklin	9	98.8%	Franklin	9	0.8%	Franklin	4	97%
Gadsden	4	99.0%	Gadsden	7	99.1%	Gadsden	4	0.3%	Gadsden	1	100%
Gilchrist	17	97.0%	Gilchrist	30	94.5%	Gilchrist	7	0.6%	Gilchrist	5	96%
Glades	11	98.1%	Glades	27	96.2%	Glades	8	0.7%	Glades	14	82%
Gulf	1	100.0%	Gulf	4	99.4%	Gulf	4	0.3%	Gulf	14	82%
Hamilton	9	98.3%	Hamilton	5	99.3%	Hamilton	2	0.1%	Hamilton	9	91%
Hardee	36	92.5%	Hardee	3	99.5%	Hardee	7	0.6%	Hardee	12	86%
Hendry	19	96.8%	Hendry	23	97.0%	Hendry	17	1.7%	Hendry	18	74%
Hernando	16	97.2%	Hernando	15	98.2%	Hernando	9	0.8%	Hernando	5	96%
Highlands	14	97.7%	Highlands	4	99.4%	Highlands	10	0.9%	Highlands	4	97%
Hillsborough	25	95.6%	Hillsborough	12	98.5%	Hillsborough	2	0.1%	Hillsborough	1	100%
Holmes	4	99.0%	Holmes	5	99.3%	Holmes	20	2.5%	Holmes	17	78%
Indian River	40	91.4%	Indian River	19	97.7%	Indian River	3	0.2%	Indian River	1	100%
Jackson	2	99.2%	Jackson	5	99.3%	Jackson	15	1.4%	Jackson	20	70%
Jefferson	10	98.2%	Jefferson	31	93.1%	Jefferson	1	0.0%	Jefferson	17	78%
Lafayette	10	98.2%	Lafayette	9	98.8%	Lafayette	1	0.0%	Lafayette	6	95%
Lake	47	87.7%	Lake	32	92.0%	Lake	2	0.1%	Lake	7	93%
Lee	17	97.0%	Lee	12	98.5%	Lee	3	0.2%	Lee	1	100%
Leon	18	96.9%	Leon	14	98.3%	Leon	8	0.7%	Leon	3	98%
Levy	12	98.0%	Levy	11	98.6%	Levy	6	0.5%	Levy	1	100%
Liberty	7	98.5%	Liberty	24	96.9%	Liberty	19	2.3%	Liberty	23	67%
Madison	2	99.2%	Madison	1	100.0%	Madison	16	1.5%	Madison	29	57%
Manatee	39	92.0%	Manatee	28	95.8%	Manatee	7	0.6%	Manatee	17	78%
Marion	35	93.2%	Marion	21	97.4%	Marion	8	0.7%	Marion	15	81%
Martin	41	90.9%	Martin	17	98.0%	Martin	10	0.9%	Martin	13	85%
Miami-Dade	42	90.8%	Miami-Dade	37	83.5%	Miami-Dade	14	1.3%	Miami-Dade	24	65%
Monroe	46	88.6%	Monroe	38	77.0%	Monroe	16	1.5%	Monroe	18	74%
Nassau	31	94.3%	Nassau	22	97.2%	Nassau	9	0.8%	Nassau	16	79%
Okaloosa	25	95.6%	Okaloosa	29	95.6%	Okaloosa	3	0.2%	Okaloosa	8	92%
Okeechobee	10	98.2%	Okeechobee	13	98.4%	Okeechobee	1	0.0%	Okeechobee	28	59%
Orange	39	92.0%	Orange	20	97.6%	Orange	6	0.5%	Orange	26	61%
Osceola	43	90.3%	Osceola	36	85.9%	Osceola	7	0.6%	Osceola	8	92%
Palm Beach	27	94.8%	Palm Beach	17	98.0%	Palm Beach	15	1.4%	Palm Beach	25	64%
Pasco	37	92.3%	Pasco	17	98.0%	Pasco	3	0.2%	Pasco	4	97%
Pinellas	34	93.4%	Pinellas	14	98.3%	Pinellas	3	0.2%	Pinellas	2	99%
Polk	38	92.1%	Polk	17	98.0%	Polk	2	0.1%	Polk	5	96%
Putnam	28	94.7%	Putnam	25	96.8%	Putnam	16	1.5%	Putnam	9	91%
Santa Rosa	48	84.9%	Santa Rosa	18	97.9%	Santa Rosa	13	1.2%	Santa Rosa	20	70%
Sarasota	18	96.9%	Sarasota	17	98.0%	Sarasota	7	0.6%	Sarasota	2	99%
Seminole	24	96.0%	Seminole	26	96.4%	Seminole	14	1.3%	Seminole	2	99%
St. Johns	30	94.4%	St. Johns	27	96.2%	St. Johns	9	0.8%	St. Johns	10	88%
St. Lucie	22	96.4%	St. Lucie	23	97.0%	St. Lucie	5	0.4%	St. Lucie	16	79%
Sumter	44	90.1%	Sumter	12	98.5%	Sumter	4	0.3%	Sumter	1	100%
Suwannee	14	97.7%	Suwannee	9	98.8%	Suwannee	4	0.3%	Suwannee	2	99%
Taylor	8	98.4%	Taylor	1	100.0%	Taylor	7	0.6%	Taylor	22	68%
Union	13	97.9%	Union	1	100.0%	Union	19	2.3%	Union	19	71%
Volusia	32	93.9%	Volusia	21	97.4%	Volusia	13	1.2%	Volusia	6	95%
Wakulla	21	96.5%	Wakulla	8	98.9%	Wakulla	1	0.0%	Wakulla	1	100%
Walton	32	93.9%	Walton	23	97.0%	Walton	8	0.7%	Walton	17	78%
Washington	9	98.3%	Washington	2	99.7%	Washington	6	0.5%	Washington	7	93%
<b>State Total</b>	<b>33</b>	<b>93.6%</b>	<b>State Total</b>		<b>94.4%</b>	<b>State Total</b>		<b>0.6%</b>	<b>State Total</b>		<b>84%</b>

<sup>^</sup> Percentage of kindergarten students fully immunized according to statutory requirements

<sup>\*</sup> Percentage of seventh grade students fully immunized according to statutory requirements

<sup>†</sup> Percentage of unaccounted for vaccine

<sup>‡</sup> Percentage of CHD children immunized with four or more doses of DTaP, three or more doses of poliovirus vaccine, one or more doses of MMR by two years of age

Survey of Two-Year-Old Children In Selected Counties Ranked, Florida 2007					
County	Rank	4:3:1 <sup>^</sup>	County	Rank	4:3:1:3:3:1 <sup>^^</sup>
Sarasota	1	93.8%	Sarasota	1	89.6%
Miami-Dade	2	91.8%	Leon	2	89.3%
Seminole	3	91.7%	Polk	3	89.2%
Leon	4	91.3%	Miami-Dade	4	89.0%
Polk	5	90.3%	Osceola	5	87.2%
Osceola	6	88.4%	Seminole	6	86.9%
Lee	7	88.2%	Manatee	7	86.7%
Manatee	8	88.0%	Volusia	8	86.1%
Volusia	9	87.3%	Lee	9	85.5%
Duval	10	86.4%	Duval	10	84.0%
Marion	11	85.7%	Marion	11	82.9%
Collier	12	84.0%	Pinellas	12	82.6%
Pinellas	13	83.7%	Hillsborough	13	82.1%
Hillsborough	14	83.2%	Collier	14	80.2%
Brevard	15	83.1%	Escambia	14	80.2%
Broward	16	82.9%	Brevard	15	79.8%
Escambia	17	82.7%	Pasco	16	79.1%
Orange	18	80.3%	Broward	17	78.0%
Pasco	19	80.2%	Orange	18	77.6%
Palm Beach	20	68.5%	Palm Beach	19	65.2%
All other counties		87.8%	All other counties		85.2%
<b>State</b>		<b>85.7%</b>	<b>State</b>		<b>83.2%</b>

<sup>^</sup> Percentage of children immunized with four or more doses of DTaP, three or more doses of poliovirus vaccine, one or more doses of MMR by two years of age.

<sup>^^</sup> Percentage of children immunized with four or more doses of DTaP, three or more doses of poliovirus vaccine, one or more doses of MMR, three or more doses of Hib, three or more doses of Hepatitis B, and one Varicella by two years of age.