



Jeb Bush
Governor

John O. Agwunobi, M.D., M.B.A.
Secretary

INTEROFFICE MEMORANDUM

DATE: May 26, 2005
TO: County Health Department Directors/Administrators
FROM: Bonita J. Sorensen, M.D., M.B.A. *B. Sorensen*
Deputy Secretary for Health
SUBJECT: Assessment of County Health Department
Clinic Immunization Coverage Levels (2005)

INFORMATION ONLY

In March 2005, the county health departments (CHDs) completed the annual assessment of immunization coverage levels of one- and two-year-old children receiving services in their facilities. They used the Clinic Assessment Software Application (CASA), developed by the Centers for Disease Control and Prevention, to assess clinic immunization coverage rates. These CASAs used immunization data exported from the Immunization Module of the Health Clinic Management System. The data export contained all active records of children 12 to 23 months of age and children 24 to 35 months of age, with a common review date of January 1, 2005.

CASA provides an excellent means for assisting healthcare providers in assessing and managing the immunization coverage of their clients. Both public and private providers widely use this software to identify areas where intervention strategies may need to be developed or implemented for increasing immunization coverage levels. Florida has successfully reached its immunization coverage level goal of "85 by '05" for children at 24 months of age. CASA assessments will continue to be a vital tool in measuring immunization coverage of children at 24 months of age for each of the following: 4 DTaP, 3 Polio, 1 MMR, and 3 Hib (4/3/1/3).

Statewide CASA results, as detailed in Attachment 1, indicate that 85 percent of CHD clients between 24 and 35 months of age completed the 4/3/1/3 series by their second birthday. The assessment also revealed that 86 percent of CHD clients finished the 4 DTaP, 3 Polio, and 1 MMR series (4/3/1) by 24 months of age. The results demonstrate a significant improvement from last year's coverage rates of 80 percent for the 4/3/1 series and 79 percent for the 4/3/1/3 series. To further illustrate the improvement in 4/3/1/3 coverage levels in 2005, 13 CHDs have CASA levels between 85 and 89 percent; and 30 CHDs have levels of 90 percent or better. When compared to 2004, 16 CHDs had 4/3/1/3 CASA rates between 85 and 89 percent; and only 12 CHDs have rates of 90 percent or better.

Nonetheless, CHDs must continue to focus their efforts on children 12 to 23 months of age to exceed the 85 percent goal. The assessment of this cohort of children in the public sector, as portrayed in Attachment 2, shows that 83 percent completed 3 DTaP, 2 Polio, 2 Hib, and 2 Hepatitis B vaccines by 12 months of age.

The assessment identifies areas where CHDs can focus their efforts to improve coverage levels. Both clinic and countywide results should serve as a critical component of ongoing quality assurance reviews. CHD staff should routinely employ CASA to assess coverage levels and evaluate service delivery. Assessments provide data about vaccine delivery practices and vaccine coverage that motivate and assist staff in developing and implementing best practices. In addition, Standard 16 of the *Standards for Child and Adolescent Immunization Practices* promotes semi-annual audits to assess immunization coverage levels and a review of immunization records in the provider's patient population.

To maintain and exceed the 85 percent coverage goal among our two-year-old children, CHDs must focus their energy and resources in the following key areas:

- Implement fully the CHD Guidebook's immunization internal-operating policies and technical assistance guidelines.
- Develop effective strategies for achieving high, sustainable, vaccine coverage levels.
- Assess the impact of intervention and service delivery practices.
- Use all clinic encounters to assess immunization status and provide appropriate immunizations.
- Use the local immunization module and CASA Diagnostic Report for analysis of missed opportunities, simultaneous immunizations, and dropout rates.
- Use the Immunization Module reminder/recall function to maintain clients on the recommended schedule.
- Eliminate duplicate client records in the Health Clinic Management System.
- Inactivate clients in the Immunization Module who are documented as having moved or gone elsewhere.
- Assign clients to the correct immunization record site location that reflects their immunization home CHD by specific clinic, specific private provider, or a generic private provider site.

County Health Department Directors/Administrators
Page Three
May 26, 2005

If you have any questions or comments, please contact your area Bureau of Immunization field staff, as indicated in Attachment 3.

BJS/cha/ss
Attachments

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**COUNTY HEALTH DEPARTMENT CLIENT IMMUNIZATION COVERAGE
LEVELS* AT 24 MONTHS OF AGE, JANUARY 1, 2005**

County	Total Clients Sampled	Complete with 4/3/1**		Complete with 4/3/1/3***		Complete with 4/3/1/3/3****	
		Clients	%	Clients	%	Clients	%
Alachua	283	256	90%	254	90%	254	90%
Baker	37	34	92%	34	92%	34	92%
Bay	79	73	92%	73	92%	73	92%
Bradford	40	33	83%	33	83%	33	83%
Brevard	482	439	91%	438	91%	437	91%
Broward	422	367	87%	367	87%	365	86%
Calhoun	39	32	82%	32	82%	32	82%
Charlotte	389	349	90%	347	89%	345	89%
Citrus	303	275	91%	274	90%	274	90%
Clay	131	116	89%	114	87%	114	87%
Collier	499	474	95%	467	94%	466	93%
Columbia	6	6	100%	6	100%	6	100%
Miami-Dade	822	579	70%	561	68%	552	67%
DeSoto	62	52	84%	51	82%	51	82%
Dixie	77	74	96%	74	96%	74	96%
Duval	1054	844	80%	834	79%	824	78%
Escambia	671	578	86%	577	86%	576	86%
Flagler	47	39	83%	39	83%	39	83%
Franklin	34	33	97%	33	97%	33	97%
Gadsden	163	161	99%	161	99%	160	98%
Gilchrist	84	79	94%	79	94%	79	94%
Glades	29	21	72%	19	66%	18	62%
Gulf	25	24	96%	24	96%	24	96%
Hamilton	29	29	100%	29	100%	29	100%
Hardee	80	62	78%	61	76%	61	76%
Hendry	71	60	85%	57	80%	57	80%
Hernando	200	192	96%	192	96%	192	96%
Highlands	50	44	88%	44	88%	44	88%
Hillsborough	1391	1267	91%	1258	90%	1253	90%
Holmes	29	26	90%	25	86%	25	86%
Indian River	282	267	95%	267	95%	267	95%
Jackson	20	19	95%	19	95%	19	95%
Jefferson	17	14	82%	14	82%	14	82%
Lafayette	19	14	74%	13	68%	13	68%
Lake	336	323	96%	322	96%	321	96%
Lee	445	421	95%	420	94%	419	94%
Leon	183	172	94%	171	93%	170	93%
Levy	58	58	100%	57	98%	57	98%
Liberty	30	21	70%	21	70%	20	67%
Madison	43	36	84%	36	84%	36	84%
Manatee	315	276	88%	273	87%	272	86%
Marion	774	686	89%	681	88%	680	88%
Martin	162	144	89%	141	87%	141	87%
Monroe	310	237	76%	234	75%	233	75%

**COUNTY HEALTH DEPARTMENT CLIENT IMMUNIZATION COVERAGE
LEVELS* AT 24 MONTHS OF AGE, JANUARY 1, 2005**

County	Total Clients Sampled	Complete with 4/3/1**		Complete with 4/3/1/3***		Complete with 4/3/1/3/3****	
		Clients	%	Clients	%	Clients	%
Nassau	39	30	77%	28	72%	28	72%
Okaloosa	520	463	89%	461	89%	460	88%
Okeechobee	19	17	89%	17	89%	17	89%
Orange	1357	1019	75%	989	73%	979	72%
Osceola	393	360	92%	358	91%	356	91%
Palm Beach	1074	940	88%	934	87%	930	87%
Pasco	644	584	91%	583	91%	581	90%
Pinellas	556	535	96%	534	96%	534	96%
Polk	1048	760	73%	749	71%	746	71%
Putnam	83	79	95%	78	94%	78	94%
Saint Johns	288	238	83%	237	82%	237	82%
Saint Lucie	134	128	96%	128	96%	128	96%
Santa Rosa	193	167	87%	166	86%	165	85%
Sarasota	762	594	78%	579	76%	576	76%
Seminole	674	632	94%	628	93%	627	93%
Sumter	93	91	98%	91	98%	91	98%
Suwannee	101	71	70%	70	69%	70	69%
Taylor	6	5	83%	5	83%	5	83%
Union	31	28	90%	28	90%	28	90%
Volusia	658	547	83%	545	83%	542	82%
Wakulla	14	14	100%	14	100%	14	100%
Walton	122	109	89%	109	89%	109	89%
Washington	42	33	79%	32	76%	32	76%
State Total	19,473	16,750	86%	16,589	85%	16,519	85%

* Review includes children who were 24-35 months of age on January 1, 2005, using Clinic Assessment Software Application (CASA) Version 2.5.

** Immunization coverage level for DTP/DTaP 4, OPV/IPV 3, and MMR 1.

*** Immunization coverage level for DTP/DTaP 4, OPV/IPV 3, MMR 1, and Hib 3.

**** Immunization coverage level for DTP/DTaP 4, OPV/IPV 3, MMR 1, Hib 3, and Hep B 3.

**COUNTY HEALTH DEPARTMENT CLIENT IMMUNIZATION COVERAGE
LEVELS* AT 12 MONTHS OF AGE, JANUARY 1, 2005**

County	Total Clients		Up-to-Date with 3/2/2/2**
	Sampled	Clients	
Alachua	229	202	88%
Baker	51	47	92%
Bay	66	62	94%
Bradford	47	42	89%
Brevard	357	332	93%
Broward	440	375	85%
Calhoun	37	30	81%
Charlotte	328	256	78%
Citrus	212	184	87%
Clay	138	117	85%
Collier	327	309	94%
Columbia	13	12	92%
Miami-Dade	824	530	64%
DeSoto	67	48	72%
Dixie	96	90	94%
Duval	1313	1076	82%
Escambia	740	561	76%
Flagler	63	52	83%
Franklin	30	26	87%
Gadsden	150	121	81%
Gilchrist	81	74	91%
Glades	50	37	74%
Gulf	21	16	76%
Hamilton	23	22	96%
Hardee	68	62	91%
Hendry	78	62	79%
Hernando	130	113	87%
Highlands	29	21	72%
Hillsborough	1121	1013	90%
Holmes	33	29	88%
Indian River	321	315	98%
Jackson	9	8	89%
Jefferson	12	12	100%
Lafayette	33	17	52%
Lake	303	289	95%
Lee	474	410	86%
Leon	134	116	87%
Levy	77	56	73%
Liberty	34	25	74%
Madison	45	29	64%
Manatee	194	153	79%
Marion	581	513	88%
Martin	180	157	87%
Monroe	250	209	84%

**COUNTY HEALTH DEPARTMENT CLIENT IMMUNIZATION COVERAGE
LEVELS* AT 12 MONTHS OF AGE, JANUARY 1, 2005**

County	Total Clients Sampled	Up-to-Date with 3/2/2/2** Clients	%
Nassau	41	36	88%
Okaloosa	525	471	90%
Okeechobee	6	5	83%
Orange	1043	775	74%
Osceola	365	233	64%
Palm Beach	1032	926	90%
Pasco	486	416	86%
Pinellas	420	382	91%
Polk	1027	698	68%
Putnam	79	69	87%
Saint Johns	313	281	90%
Saint Lucie	89	83	93%
Santa Rosa	135	115	85%
Sarasota	724	573	79%
Seminole	616	543	88%
Sumter	86	86	100%
Suwannee	95	79	83%
Taylor	7	7	100%
Union	32	29	91%
Volusia	661	531	80%
Wakulla	11	9	82%
Walton	111	103	93%
Washington	26	19	73%
State Total	17739	14699	83%

* Review includes children who were 12-23 months of age on January 1, 2005, using Clinic Assessment Software Application (CASA) Version 2.5.

** Immunization coverage level for DTP/DTaP 3, OPV/IPV 2, Hib 2, and Hep B 2

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