

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

INTEROFFICE MEMORANDUM

DATE: May 5, 2008

TO: County Health Department Directors/Administrators

FROM: Jean L. Kline, R.N., B.S.N., M.P.H.

Deputy Secretary for Health - Public Health Programs

State Public Health Nursing Director

SUBJECT: Assessment of County Health Department

Clinic Immunization Coverage Levels (2008)

INFORMATION ONLY

In March 2008, the annual county health department (CHD) assessment of immunization coverage levels for one- and two-year-old children receiving services in their facilities was completed. The CHD data was extracted from the Florida State Health Online Tracking System (SHOTS) and 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, 2008.

This year's assessment results, based on the Advisory Committee on Immunization Practices (ACIP) recommended doses, revealed that 82% of CHD clients completed the 4 DTaP, 3 Polio, 1 MMR, 3 Hib, 3 Hep B, and 1 Varicella series (4/3/1/3/3/1) by 24 months of age. This is a 5% increase from last year. Along with the increased overall state coverage rate, thirty-two counties had coverage levels over 90%, with eight of these CHDs attaining 100% immunization coverage levels for two-year-olds. CHDs are to be commended on their hard work in protecting Florida's children against vaccine-preventable diseases.

While the immunization coverage levels for two-year-olds have increased from last year's rate, CHDs must continue to focus their efforts on children 12 to 23 months of age. The assessment of this cohort of children in the public sector, as portrayed in Attachment 2, shows that 78% completed 3 DTaP, 2 Polio, 2 Hib, and 2 Hep B vaccines by 12 months of age.

This survey data shows that the failure to administer the forth dose of DTaP is one of the main reasons we have not achieved the 90% coverage objective in Florida. The assessment results also identify other areas where CHDs can focus efforts to improve coverage levels. Both clinic and countywide results (Attachments 3 and 4) should serve as a critical component of ongoing quality assurance reviews. CHD staff should routinely generate assessment reports, via the Florida SHOTS, to assess coverage levels and evaluate service delivery. Assessments provide data about vaccine delivery practices and vaccine coverage that both 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.

Assessment of County Health Department Clinic Immunization Coverage Levels (2008) Page Two May 5, 2008

To consistently exceed the goal of 90% coverage among our two-year-old children, and in working toward meeting future goals, CHDs must focus their energy and resources in the following key areas:

- Fully implement 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.

Additionally, we encourage you to contact your Bureau of Immunization Field Staff to assist with identifying areas of need and develop strategies for increasing your immunization rates.

JLK/cha/cbn Attachments

cc: Russell W. Eggert, M.D., M.P.H., Director
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COUNTY HEALTH DEPARTMENT CLIENT IMMUNIZATION COVERAGE LEVELS* AT 24 MONTHS OF AGE, JANUARY 1, 2008

County	Total Clients	Complete v	vith 4/3/1**	Complete w	ith 4/3/1/3***	Complete wit	th 4/3/1/3/3****	Complete with	1 4/3/1/3/3/1*****
County	Sampled	Clients	%	Clients	%	Clients	%	Clients	%
Alachua	318	270	85%	267	84%	267	84%	267	84%
Baker	125	86	69%	85	68%	83	66%	83	66%
Bay	348	285	82%	285	82%	285	82%	285	82%
Bradford	32	26	81%	26	81%	26	81%	26	81%
Brevard	467	453	97%	453	97%	453	97%	453	97%
Broward	57	34	60%	34	60%	34	60%	32	56%
Calhoun	34	22	65%	22	65%	21	62%	21	62%
Charlotte	349	279	80%	279	80%	276	79%	276	79%
Citrus	144	140	97%	140	97%	140	97%	140	97%
Clay	191	168	88%	168	88%	168	88%	168	88%
Collier	779	756	97%	756	97%	756	97%	756	97%
Columbia	75	64	85%	64	85%	64	85%	64	85%
Miami-Dade	1,419	922	65%	908	64%	851	60%	823	58%
DeSoto	19	19	100%	19	100%	19	100%	19	100%
Dixie	77	67	87%	66	86%	66	86%	66	86%
Duval	1,734	1318	76%	1318	76%	1266	73%	1248	72%
Escambia	858	798	93%	798	93%	798	93%	798	93%
Flagler	198	196	99%	196	99%	196	99%	196	99%
Franklin	62	60	97%	60	97%	60	97%	60	97%
Gadsden	153	153	100%	153	100%	153	100%	153	100%
Gilchrist	80	77	96%	77	96%	75	94%	75	94%
Glades	28	23	82%	23	82%	23	82%	22	79%
Gulf	60	49	82%	49	82%	49	82%	49	82%
Hamilton	45	41	91%	41	91%	41	91%	41	91%
Hardee	203	175	86%	175	86%	168	83%	164	81%
Hendry	142	105	74%	105	74%	102	72%	102	72%
Hernando	195	187	96%	187	96%	187	96%	187	96%
Highlands	106	103	97%	102	96%	102	96%	102	96%
Hillsborough	2,432	2432	100%	2432	100%	2432	100%	2432	100%
Holmes	82	64	78%	64	78%	63	77%	62	76%
Indian River	391	391	100%	391	100%	391	100%	391	100%
Jackson	97	68	70%	68	70%	68	70%	68	70%
Jefferson	32	25	78%	25	78%	25	78%	25	78%
Lafayette	21	20	95%	20	95%	20	95%	20	95%
Lake	204	190	93%	188	92%	188	92%	188	92%
Lee	826	826	100%	826	100%	826	100%	826	100%
Leon	145	142	98%	142	98%	142	98%	142	98%
Levy	48	48	100%	48	100%	48	100%	48	100%
Liberty	27	18	67%	18	67%	18	67%	18	67%
Madison	122	70	57%	70	57%	67	55%	65	53%
Manatee	322	251	78%	248	77%	238	74%	235	73%

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County	Total Clients	Complete v	vith 4/3/1**	Complete w	ith 4/3/1/3***	Complete with 4/3/1/3/3****		Complete with 4/3/1/3/3/1*****	
County	Sampled	Clients	%	Clients	%	Clients	%	Clients	%
Marion	1,015	822	81%	812	80%	812	80%	802	79%
Martin	235	200	85%	200	85%	195	83%	195	83%
Monroe	313	232	74%	232	74%	228	73%	228	73%
Nassau	66	52	79%	52	79%	51	77%	51	77%
Okaloosa	637	586	92%	586	92%	586	92%	586	92%
Okeechobee	17	10	59%	10	59%	9	53%	9	53%
Orange	3,318	2024	61%	1991	60%	1891	57%	1891	57%
Osceola	919	845	92%	845	92%	836	91%	836	91%
Palm Beach	1,870	1197	64%	1197	64%	1178	63%	1159	62%
Pasco	537	521	97%	516	96%	516	96%	516	96%
Pinellas	912	903	99%	903	99%	903	99%	903	99%
Polk	1,006	966	96%	966	96%	966	96%	966	96%
Putnam	85	77	91%	77	91%	77	91%	77	91%
Santa Rosa	399	279	70%	275	69%	275	69%	271	68%
Sarasota	807	799	99%	799	99%	791	98%	791	98%
Seminole	744	737	99%	737	99%	737	99%	737	99%
St. Johns	294	259	88%	259	88%	259	88%	256	87%
St. Lucie	300	237	79%	237	79%	237	79%	234	78%
Sumter	107	107	100%	107	100%	107	100%	107	100%
Suwannee	100	99	99%	99	99%	99	99%	99	99%
Taylor	50	34	68%	34	68%	34	68%	34	68%
Union	28	20	71%	20	71%	20	71%	20	71%
Volusia	425	404	95%	404	95%	404	95%	404	95%
Wakulla	25	25	100%	25	100%	25	100%	25	100%
Walton	204	159	78%	159	78%	157	77%	155	76%
Washington	58	54	93%	54	93%	52	90%	52	90%
State Total	27,518	23,068	84%	22,989	84%	22,701	83%	22,600	82%

^{*} Review includes children who were 24-35 months of age on January 1, 2008, using Florida SHOTS (assessment run date March 17, 2008).

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

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

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

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

COUNTY HEALTH DEPARTMENT CLIENT IMMUNIZATION COVERAGE LEVELS* AT 12 MONTHS OF AGE, JANUARY 1, 2008

	Total Clients	Up-to-Date	with 3/2/2/2**
County	Sampled	Clients	%
Alachua	333	276	83%
Baker	124	100	81%
Bay	314	245	78%
Bradford	30	25	83%
Brevard	605	575	95%
Broward	950	608	64%
Calhoun	38	24	63%
Charlotte	362	264	73%
Citrus	167	144	86%
Clay	213	190	89%
Collier	1050	903	86%
Columbia	85	73	86%
Miami-Dade	1976	1265	64%
DeSoto	15	12	80%
Dixie	84	75	89%
Duval	2034	1587	78%
Escambia	1133	872	77%
Flagler	237	209	88%
Franklin	62	57	92%
Gadsden	177	156	88%
Gilchrist	72	62	86%
Glades	43	40	93%
Gulf	57	47	82%
Hamilton	63	53	84%
Hardee	239	184	77%
Hendry	179	149	83%
Hernando	193	178	92%
Highlands	170	143	84%
Hillsborough	2788	2509	90%
Holmes	75	61	81%
Indian River	422	418	99%
Jackson	96	73	76%
Jefferson	41	23	56%
Lafayette	24	19	79%
Lake	464	422	91%
Lee	1220	903	74%
Leon	194	165	85%
Levy	76	64	84%
Liberty	40	30	75%
Madison	143	112	78%
Manatee	361	267	74%
Marion	874	769	88%
Martin	272	239	88%
Monroe	397	286	72%
Nassau	62	51	82%
Okaloosa	811	697	86%
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COUNTY HEALTH DEPARTMENT CLIENT IMMUNIZATION COVERAGE LEVELS* AT 12 MONTHS OF AGE, JANUARY 1, 2008

	Total Clients	Up-to-Date	with 3/2/2/2**
County	Sampled	Clients	%
Okeechobee	45	38	84%
Orange	3483	2159	62%
Osceola	1793	1273	71%
Palm Beach	1961	1235	63%
Pasco	600	516	86%
Pinellas	1091	1004	92%
Polk	1489	1102	74%
Putnam	108	87	81%
Santa Rosa	399	295	74%
Sarasota	1062	913	86%
Seminole	950	912	96%
St. Johns	283	243	86%
St. Lucie	317	263	83%
Sumter	99	99	100%
Suwannee	127	105	83%
Taylor	40	30	75%
Union	36	29	81%
Volusia	427	354	83%
Wakulla	47	37	79%
Walton	233	191	82%
Washington	54	42	78%
State Total	34,009	26,551	78%

^{*} Review includes children who were 12-23 months of age on January 1, 2008, using Florida SHOTS (assessment run date March 17, 2008).

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

COUNTY HEALTH DEPARTMENT CLIENT IMMUNIZATION COVERAGE LEVELS* AT 24 MONTHS OF AGE, JANUARY 1, 2008

Country	Total Clients	Complete w	ith 4/3/1**	Complete	with 4/3/1/3***	Complete w	ith 4/3/1/3/3****	Complete with	4/3/1/3/3/1****
County	Sampled	Clients	%	Clients	%	Clients	%	Clients	%
Alachua	318	270	85%	267	84%	267	84%	267	84%
Main/Gainsville	265	225	85%	223	84%	223	84%	223	84%
Alachua Clinic	31	26	84%	26	84%	26	84%	26	84%
Hawthorne Clinic	1	1	100%	1	100%	1	100%	1	100%
High Springs	20	16	80%	16	80%	16	80%	16	80%
Newberry Clinic	1	1	100%	1	100%	1	100%	1	100%
Baker	125	86	69%	85	68%	83	66%	83	66%
Bay	348	285	82%	285	82%	285	82%	285	82%
Bradford	32	26	81%	26	81%	26	81%	26	81%
Brevard	467	453	97%	453	97%	453	97%	453	97%
Melbourne	187	181	97%	181	97%	180	96%	180	96%
Rockledge	138	135	98%	135	98%	135	98%	135	98%
Titusville	142	136	96%	136	96%	136	96%	136	96%
Broward	57	34	60%	34	60%	34	60%	32	56%
Eastside Health Center	2	0	0%	0	0%	0	0%	0	0%
Ft. Lauderdale Health Center	20	9	45%	9	45%	9	45%	8	40%
Immunization Outreach	25	17	68%	17	68%	17	68%	16	64%
South Regional	9	8	89%	8	89%	8	89%	8	89%
Westside Health Center	1	0	0%	0	0%	0	0%	0	0%
Calhoun	34	22	65%	22	65%	21	62%	21	62%
Charlotte	349	279	80%	279	80%	276	79%	276	79%
Englewood	75	56	75%	56	75%	56	75%	56	75%
Port Charlotte	138	116	84%	116	84%	115	83%	115	83%
Punta Gorda	136	106	78%	106	78%	105	77%	103	76%
Citrus	144	140	97%	140	97%	140	97%	140	97%
Crystal River	32	31	97%	31	97%	31	97%	30	94%
Inverness	40	38	95%	38	95%	38	95%	38	95%
Lecanto	72	71	99%	71	99%	71	99%	71	99%
Clay	191	168	88%	168	88%	168	88%	168	88%
Green Cove Spgs	30	24	80%	23	77%	23	77%	23	77%
North Clinic	161	145	90%	145	90%	145	90%	145	90%
Collier	779	756	97%	756	97%	756	97%	756	97%
Golden Gate	56	54	96%	54	96%	54	96%	54	96%
Immokalee	239	237	99%	237	99%	237	99%	237	99%
Naples	484	465	96%	465	96%	465	96%	465	96%

0	Total Clients	Complete w	ith 4/3/1**	Complete v	vith 4/3/1/3***	Complete w	rith 4/3/1/3/3****	Complete with 4/3/1/3/3/1*****	
County	Sampled	Clients	%	Clients	%	Clients	%	Clients	%
Columbia	75	64	85%	64	85%	64	85%	64	85%
Miami-Dade	1,419	922	65%	908	64%	851	60%	823	58%
Corporate Park of Miami	445	320	72%	316	71%	289	65%	276	62%
Dr. Rafael Penalver Health	163	122	75%	122	75%	117	72%	116	71%
Family Medical Center	3	2	67%	2	67%	2	67%	1	33%
Hepatitis Outreach	1	1	100%	1	100%	0	0%	0	0%
Jefferson Reaves Sr. Health	254	152	60%	152	60%	147	58%	145	57%
Juanita Mann Health Center	111	56	50%	53	48%	49	44%	46	41%
North Site	1	0	0%	0	0%	0	0%	0	0%
Refugee Health Center	101	38	38%	38	38%	36	36%	25	25%
Southside Health Center	39	35	90%	35	90%	35	90%	35	90%
West Perrine Health Center	301	193	64%	193	64%	181	60%	178	59%
DeSoto	19	19	100%	19	100%	19	100%	19	100%
Dixie	77	67	87%	66	86%	66	86%	66	86%
Duval	1,734	1,318	76%	1318	76%	1266	73%	1,248	72%
Agape	28	24	86%	24	86%	24	86%	24	86%
Beaches	208	168	81%	168	81%	158	76%	156	75%
Center for Women and Children	368	294	80%	291	79%	291	79%	291	79%
Kids N Care Community	174	108	62%	106	61%	103	59%	101	58%
Marietta	157	118	75%	118	75%	115	73%	113	72%
South Jax	194	151	78%	151	78%	146	75%	142	73%
Bridge	48	34	71%	34	71%	34	71%	34	71%
Immunization Center	163	121	74%	121	74%	117	72%	117	72%
Wesconnett	302	236	78%	236	78%	227	75%	223	74%
West Jax	92	63	68%	60	65%	58	63%	58	63%
Escambia	858	798	93%	798	93%	798	93%	798	93%
Century	19	18	95%	18	95%	18	95%	18	95%
Escambia	742	690	93%	690	93%	690	93%	690	93%
Molino	31	29	94%	29	94%	29	94%	29	94%
Northside	66	61	92%	61	92%	61	92%	61	92%
Flagler	198	196	99%	196	99%	196	99%	196	99%
Franklin	62	60	97%	60	97%	60	97%	60	97%
Apalachicola	47	45	96%	45	96%	45	96%	45	96%
Carrabelle	15	15	100%	15	100%	15	100%	15	100%
Gadsden	153	153	100%	153	100%	153	100%	153	100%
Gadsden	150	150	100%	150	100%	150	100%	150	100%
Havana	3	3	100%	3	100%	3	100%	3	100%
Gilchrist	80	77	96%	77	96%	75	94%	75	94%
Glades	28	23	82%	23	82%	23	82%	22	79%
Gulf	60	49	82%	49	82%	49	82%	49	82%
Main Clinic (Port St Joe)	31	24	77%	24	77%	24	77%	24	77%
Wewahitchka	29	25	86%	25	86%	25	86%	25	86%
Hamilton	45	41	91%	41	91%	41	91%	41	91%

Country	Total Clients	Complete w	ith 4/3/1**	Complete v	vith 4/3/1/3***	Complete w	ith 4/3/1/3/3****	Complete with	4/3/1/3/3/1****
County	Sampled	Clients	%	Clients	%	Clients	%	Clients	%
Hardee	203	175	86%	175	86%	168	83%	164	81%
Hendry	142	105	74%	105	74%	102	72%	102	72%
Clewiston	51	41	80%	41	80%	41	80%	41	80%
LaBelle	91	64	70%	64	70%	61	67%	61	67%
Hernando	195	187	96%	187	96%	187	96%	187	96%
Brooksville	66	63	95%	63	95%	63	95%	63	95%
Spring Hill	129	125	97%	125	97%	124	96%	124	96%
Highlands	106	103	97%	102	96%	102	96%	102	96%
Avon Park	26	25	96%	25	96%	25	96%	25	96%
Lake Placid	20	19	95%	19	95%	19	95%	19	95%
Sebring	60	59	98%	58	97%	58	97%	58	97%
Hillsborough	2,432	2,432	100%	2432	100%	2432	100%	2,432	100%
Crosstown	321	321	100%	321	100%	321	100%	321	100%
Floyd Kelton	305	305	100%	305	100%	305	100%	305	100%
Joyce Ely	248	248	100%	248	100%	248	100%	248	100%
North Hillsborough	347	347	100%	347	100%	347	100%	347	100%
Plant City	354	354	100%	354	100%	354	100%	354	100%
Refugee Clinic	2	2	100%	2	100%	2	100%	2	100%
Specialty Care Clinic	1	1	100%	1	100%	1	100%	1	100%
Sulphur Springs	374	374	100%	374	100%	374	100%	374	100%
University	480	480	100%	480	100%	480	100%	480	100%
Holmes	82	64	78%	64	78%	63	77%	62	76%
Indian River	391	391	100%	391	100%	391	100%	391	100%
Gifford	25	25	100%	25	100%	25	100%	25	100%
Indian River	366	366	100%	366	100%	366	100%	366	100%
Jackson	97	68	70%	68	70%	68	70%	68	70%
Jefferson	32	25	78%	25	78%	25	78%	25	78%
Lafayette	21	20	95%	20	95%	20	95%	20	95%
Lake	204	190	93%	188	92%	188	92%	188	92%
Children Wellness	153	141	92%	141	92%	139	91%	139	91%
Clermont	32	30	94%	30	94%	30	94%	30	94%
Mount Dora	19	18	95%	18	95%	18	95%	18	95%
Lee	826	826	100%	826	100%	826	100%	826	100%
Lee	823	823	100%	823	100%	823	100%	823	100%
Refugee Health	3	1	33%	1	33%	1	33%	1	33%
Leon	145	142	98%	142	98%	142	98%	142	98%
Municipal Way	27	27	100%	27	100%	27	100%	27	100%
Robert & Stevens	118	114	97%	114	97%	114	97%	114	97%
Levy	48	48	100%	48	100%	48	100%	48	100%
Liberty	27	18	67%	18	67%	18	67%	18	67%
Madison	122	70	57%	70	57%	67	55%	65	53%
Manatee	322	251	78%	248	77%	238	74%	235	73%

County	Total Clients	Complete w	ith 4/3/1**	Complete v	vith 4/3/1/3***	Complete w	ith 4/3/1/3/3****	Complete with	4/3/1/3/3/1****
County	Sampled	Clients	%	Clients	%	Clients	%	Clients	%
Marion	1,015	822	81%	812	80%	812	80%	802	79%
Belleview	115	95	83%	95	83%	95	83%	95	83%
Dunnellon	10		50%		50%		50%		50%
Ocala/Main	841	681	81%	673	80%	673	80%	664	79%
Reddick	49	38	78%	38	78%	37	76%	36	73%
Martin	235	200	85%	200	85%	195	83%	195	83%
Indiantown	41	37	90%	37	90%	34	83%	34	83%
Stuart	194	163	84%	163	84%	161	83%	159	82%
Monroe	313	232	74%	232	74%	228	73%	228	73%
Gato	1	0	0%	0	0%	0	0%	0	0%
Roosevelt Sands	186	153	82%	153	82%	151	81%	151	81%
Tavernier	34	20	59%	20	59%	18	53%	18	53%
Marathon (Ruth Ivins)	92	59	64%	59	64%	58	63%	58	63%
Nassau	66	52	79%	52	79%	51	77%	51	77%
Callahan	25	22	88%	22	88%	22	88%	22	88%
Fernandina Beach	23	15	65%	15	65%	14	61%	14	61%
Hilliard	1	0	0%	0	0%	0	0%	0	0%
Yulee	17	15	88%	15	88%	15	88%	15	88%
Okaloosa	637	586	92%	586	92%	586	92%	586	92%
Crestview	117	106	91%	106	91%	106	91%	106	91%
Ft. Walton Beach	520	478	92%	478	92%	478	92%	478	92%
Okeechobee	17	10	59%	10	59%	9	53%	9	53%
Orange	3,318	2,024	61%	1991	60%	1891	57%	1,891	57%
Central Clinic	2,221	1,310	59%	1310	59%	1244	56%	1,222	55%
Eastside Clinic	630	435	69%	428	68%	416	66%	410	65%
Southside Clinic	127	58	46%	58	46%	57	45%	56	44%
Winter Garden	340	207	61%	204	60%	194	57%	190	56%
Osceola	919	845	92%	845	92%	836	91%	836	91%
Kissimmee	608	559	92%	553	91%	553	91%	553	91%
Poinciana	132	119	90%	119	90%	119	90%	119	90%
St. Cloud	151	140	93%	140	93%	140	93%	140	93%
Stadium Place	28	26	93%	26	93%	26	93%	26	93%
Palm Beach	1,870	1,197	64%	1197	64%	1178	63%	1,159	62%
Belle Glade	98	78	80%	77	79%	75	77%	74	76%
Community Immunization	362	203	56%	199	55%	195	54%	192	53%
Delray Beach Annex	1	1	100%	1	100%	1	100%	1	100%
Delray Beach Health Center	260	218	84%	218	84%	216	83%	216	83%
Jupiter	74	50	68%	50	68%	49	66%	49	66%
Lantana	729	350	48%	350	48%	343	47%	328	45%
Riviera Beach	1	0	0%	0	0%	0	0% 87%	0	0%
West Palm Beach	345	304	88%	304	88%	300		300	87%
Pasco Dodo City	537	521	97%	516	96%	516	96%	516	96%
Dade City	87 72	82 72	94% 100%	82 72	94%	81 72	93%	80 72	92%
Hudson	77				100%	76	100%	76	100%
Land O'Lakes		76	99%	76	99%		99%		99%
New Port Richey	211	207	98%	207	98%	207	98%	207	98%
Zephyrhills	90	83	92%	82	91%	82	91%	82	91%

County	Total Clients	Complete w	ith 4/3/1**	Complete v	with 4/3/1/3***	Complete w	vith 4/3/1/3/3****	Complete with	4/3/1/3/3/1*****
County	Sampled	Clients	%	Clients	%	Clients	%	Clients	%
Pinellas	912	903	99%	903	99%	903	99%	903	99%
Clearwater	215	215	100%	215	100%	215	100%	215	100%
Immunization Outreach	30	30	100%	30	100%	30	100%	30	100%
Largo	89	89	100%	89	100%	89	100%	89	100%
Pinellas Park	227	220	97%	220	97%	220	97%	220	97%
St Pete	264	259	98%	259	98%	259	98%	259	98%
Tarpon Spings	87	86	99%	86	99%	86	99%	86	99%
Polk	1,006	966	96%	966	96%	966	96%	966	96%
Auburndale	349	339	97%	339	97%	339	97%	339	97%
Bartow	5	5	100%	5	100%	5	100%	5	100%
Haines City	67	64	96%	64	96%	64	96%	64	96%
Polk Immunizations	23	23	100%	23	100%	23	100%	23	100%
Lakeland	121	115	95%	115	95%	115	95%	115	95%
Lake Wales	441	419	95%	419	95%	419	95%	419	95%
Putnam	85	77	91%	77	91%	77	91%	77	91%
Santa Rosa	399	279	70%	275	69%	275	69%	271	68%
Gulf Breeze	124	95	77%	94	76%	92	74%	92	74%
Jay Clinic	3	1	33%	1	33%	1	33%	1	33%
Main Clinic (Milton)	272	182	67%	182	67%	182	67%	180	66%
Sarasota	807	799	99%	799	99%	791	98%	791	98%
HSC	152	149	98%	149	98%	147	97%	147	97%
Mobile Medical Unit	1	0	0%	0	0%	0	0%	0	0%
North Port	63	62	98%	62	98%	62	98%	62	98%
Ringling	343	340	99%	340	99%	340	99%	340	99%
Venice	248	246	99%	246	99%	243	98%	243	98%
Seminole	744	737	99%	737	99%	737	99%	737	99%
Casselberry	281	278	99%	278	99%	278	99%	278	99%
Sanford	463	454	98%	454	98%	454	98%	454	98%
Saint Johns	294	259	88%	259	88%	259	88%	256	87%
Saint Lucie	300	237	79%	237	79%	237	79%	234	78%
Ft. Pierce	122	96	79%	95	78%	95	78%	95	78%
Port St. Lucie (Milner)	178	142	80%	142	80%	141	79%	141	79%
Sumter	107	107	100%	107	100%	107	100%	107	100%
Bushnell	49	49	100%	49	100%	49	100%	49	100%
Wildwood	58	58	100%	58	100%	58	100%	58	100%
Suwannee	100	99	99%	99	99%	99	99%	99	99%
Branford	6	6	100%	6	100%	6	100%	6	100%
Live Oak	94	93	99%	93	99%	93	99%	93	99%
Taylor	50	34	68%	34	68%	34	68%	34	68%
Union	28	20	71%	20	71%	20	71%	20	71%
Volusia	425	404	95%	404	95%	404	95%	404	95%
Daytona	192	182	95%	182	95%	182	95%	182	95%
DeLand	87	87	100%	87	100%	87	100%	87	100%
Deltona	51	51	100%	51	100%	51	100%	51	100%
New Smyrna Bch	95	84	88%	84	88%	82	86%	82	86%

County	Total Clients Complete with 4/3/1** C		Complete	Complete with 4/3/1/3***		Complete with 4/3/1/3/3****		Complete with 4/3/1/3/3/1*****	
County	Sampled	Clients	%	Clients	%	Clients	%	Clients	%
Wakulla	25	25	100%	25	100%	25	100%	25	100%
Walton	204	159	78%	159	78%	157	77%	155	76%
Main Clinic (Defuniak)	149	116	78%	116	78%	115	77%	110	74%
Coastal Branch	55	44	80%	44	80%	44	80%	44	80%
Washington	58	54	93%	54	93%	52	90%	52	90%

^{*} Review includes children who were 24-35 months of age on January 1, 2008, using Florida SHOTS (assessment run date March 17, 2008).

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

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

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

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

COUNTY HEALTH DEPARTMENT CLIENT IMMUNIZATION COVERAGE LEVELS* AT 12 MONTHS OF AGE, JANUARY 1, 2008

2	Total Clients	Complete with 3/	2/2/2**
County	Sampled	Clients	%
Alachua	333	276	83%
Main/Gainsville	276	229	83%
Alachua Clinic	33	26	79%
Hawthorne	1	0	0%
High Spgs	21	18	86%
Newberry Clinic	2	2	100%
Baker	124	100	81%
Bay	314	245	78%
Bradford	30	25	83%
Brevard	605	575	95%
Melbourne	278	261	94%
Rockledge	157	148	94%
Titusville	170	167	98%
Broward	950	608	64%
Eastside Health Center	4	1	25%
Ft. Lauderdale	380	236	62%
Outreach Program	49	34	69%
Northwest Health Center	1	0	0%
Paul Hughes Health Center	368	254	69%
South Regional	147	79	54%
Westside Health Center	1	0	0%
Calhoun	38	24	63%
Charlotte	362	264	73%
Englewood	71	46	65%
Port Charlotte	169	134	79%
Punta Gorda	122	85	70%
Citrus	167	144	86%
Crystal River	35	32	91%
	51	41	80%
Inverness	81	70	86%
Lecanto	213	190	89%
Cross Cove Springs	49	44	90%
Green Cove Springs North Clinic	164		88%
	1050	144	
Collier Golden Gate	64	903 53	86% 83%
	357	328	92%
Immokalee	629	328 516	82% 82%
Naples			
Columbia Miami Dada	85	73	86%
Miami-Dade	1976	1265	64%
Corporate Park of Miami	726	545	75%
Dr. Rafael Penalver	287	169	59%
Familiy Medical	3	3	100%
Hepatitis Outreach	2	0	0%
Jefferson Reaves	304	167	55%
Juanita Mann	204	120	59%
Refugee	70	25	36%
Southside	24	9	38%
West Perrine	356	217	61%
DeSoto	15	12	80%
Dixie	84	75	89%

2	Total Clients	Complete with 3/2	/2/2**
County	Sampled	Clients	%
Duval	2034	1587	78%
Agape	69	54	78%
Beaches	231	194	84%
Boulevard Comprehensive	1	0	0%
Ctr Women & Children-Central	326	267	82%
Kids N Care Community	139	101	73%
Marietta Family Health	165	134	81%
South Jax	287	221	77%
Bridge	58	44	76%
Immunization Center	204	141	69%
Wesconnett	380	289	76%
West Jax	174	144	83%
Escambia	1133	872	77%
Century	22	14	64%
Pensacola	956	736	77%
Molino	40	33	83%
Northside	115	89	77%
Flagler	237	209	88%
Franklin	62	57	92%
Apalachicola	47	43	91%
Carrabelle	15	14	93%
Gadsden	177	156	88%
Gadsen County Health	176	155	88%
Gretna Clinic	1	1	100%
Gilchrist	72	62	86%
Glades	43	40	93%
Gulf	57	47	82%
Main Clinic (Port St Joe)	32	28	88%
Wewahitchka	25	19	76%
Hamilton	63	53	84%
Hardee	239	184	77%
Hendry	179	149	83%
Clewiston	41	36	88%
LaBelle	138	112	81%
Hernando	193	178	92%
Brooksville	70	65	93%
Spring Hill	123	112	91%
Highlands	170	143	84%
Avon Park	46	35	76%
Lake Placid	43	39	91%
Sebring	81	68	84%
Hillsborough	2788	2509	90%
Crosstown	321	276	86%
Kelton	303	273	90%
Joyce Ely	311	289	93%
N. Hills	358	329	92%
Plant City	442	389	88%
Refugee	2	2	100%
Specialty Care	1	0	0%
Sulphur Springs	446	392	88%
University	604	550	91%
Holmes	75	61	81%
Indian River	422	418	99%
Gifford	11	11	100%
Indian River	411	407	99%
	96	73	76%
Jackson			
Jefferson	41	23	56%
Lafayette	24	19	79%

County	Total Clients	Complete with 3/2/2/2**	
	Sampled	Clients	%
Lake	464	422	91%
Children Wellness	268	244	91%
Clermont	132	119	90%
Mount Dora	64	58	91%
Lee	1220	903	74%
Lee	1217	901	74%
Refugee	3	2	67%
Leon	194	165	85%
Municipal Way	31	30	97%
Robert & Stevens	163	134	82%
Levy	76	64	84%
Liberty	40	30	75%
Madison	143	112	78%
Manatee	361	267	74%
Marion	874	769	88%
Belleview	114	93	82%
Dunnellon	4	0	0%
Ocala/Main	704	634	90%
Reddick	52	44	85%
Martin	272	239	88%
Indiantown	65	59	91%
Stuart	207	180	87%
Monroe	397	286	72%
Gato	1	0	0%
Roosevelt Sands	246	182	74%
Tavernier	56	27	48%
Marathon (Ruth Ivins)	94	76	81%
Nassau	62	51	82%
Callahan	23	14	61%
Fernandina Beach	22	20	91%
Hilliard	2	2	100%
Yulee	15	15	100%
Okaloosa	811	697	86%
Crestview	129	114	88%
Ft. Walton Beach	682	580	85%
Okeechobee	45	38	84%
Orange	3483	2159	62%
Central Clinic	2151	1269	59%
Eastside Clinic	642	417	65%
Southside	315	233	74%
Winter Garden	375	251	67%
Osceola	1793	1273	71%
Kissimmee	1099	758	69%
Poinciana	289	223	77%
St. Cloud	259	192	74%
Stadium Place	146	104	71%
Palm Beach	1961	1235	63%
Belle Glade	86	74	86%
Community Immunization	319	214	67%
Delray Beach Annex	1	1	100%
Delray Beach Health Center	299	251	84%
Jupiter	75	47	63%
Lantana	779	319	41%
Riviera Beach Health Center	1	1	100%
W. Palm Bch	401	321	80%
Pasco	600	516	86%
Dade City	141	116	82%
Hudson	56	52	93%
Land O'Lakes	67	63	94%
New Port Richey	210	183	87%
Zephyrhills	126	101	80%

County	Total Clients	Complete with 3/2/2/2**	
	Sampled	Clients	%
Pinellas	1091	1004	92%
Clearwater	283	263	93%
IMM Outreach	30	29	97%
Largo	121	109	90%
Pinellas Park	258	237	92%
St Pete	330	300	91%
Tarpon Spgs	69	66	96%
Polk	1489	1102	74%
Auburndale	553	420	76%
Bartow	2	1	50%
Haines City	98	61	62%
Immunizations	25	22	88%
Lake Wales	176	132	75%
Lakeland	635	470	74%
Putnam	108	87	81%
Santa Rosa	399	295	74%
Gulf Breeze	120	82	68%
Main Clinic (Milton)	279	212	76%
Sarasota	1062	913	86%
HSC	224	208	93%
North Port	41	37	90%
Ringling	440	374	85%
Venice	357	296	83%
Seminole	950	912	96%
Casselberry	327	317	97%
Sanford	623	598	96%
Saint Johns	283	243	86%
Saint Lucie	317	263	83%
Ft. Pierce	119	93	78%
Port St. Lucie (Milner)	198	170	86%
Sumter	99	99	100%
Bushnell	59	59	100%
Wildwood	40	40	100%
Suwannee	127	105	83%
Branford	10	7	70%
Live Oak	117	98	84%
Taylor	40	30	75%
Union	36	29	81%
Volusia	427	354	83%
Daytona	132	111	84%
DeLand	144	112	78%
Deltona	64	58	91%
New Smyrna Bch	87	73	84%
Wakulla	47	37	79%
Walton	233		82%
Walton	143	112	78%
Coastal Branch			87%
Washington	90 54	78 42	78%
vvasiiiigioii	04	42	1070

^{*} Review includes children who were 12-23 months of age on January 1, 2008, using Florida SHOTS (assessment run date March 17, 2008).

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