



Charlie Crist
Governor

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

INTEROFFICE MEMORANDUM

DATE: March 20, 2009
TO: County Health Department Directors/Administrators
FROM: Jean L. Kline, R.N., B.S.N., M.P.H.
Deputy Secretary for Health
SUBJECT: Assessment of County Health Department
Clinic Immunization Coverage Levels (2009)

FOR INFORMATION ONLY

In February 2009, 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. This assessment identifies areas where CHDs can focus their efforts to improve immunization coverage levels for children 12 to 35 months of age, thereby meeting the 90% national and statewide immunization coverage goal.

The Florida State Health Online Tracking System (SHOTS) provided the data for this assessment, which consists of all active records of children 12 to 23 months of age and children 24 to 35 months of age, respectively, with a common review date of January 6, 2009. The results are based on recommendations of the Advisory Committee on Immunization Practices (ACIP), which require that:

- All children between 24 and 35 months of age complete the 4:3:1:3:3:1 (4 DTaP, 3 Polio, 1 MMR, 3 Hib, 3 Hep B, and 1 Varicella) immunization series by 24 months of age.
- All children between 12 and 23 months of age complete the 3:2:2:2 (3 DTaP, 2 Polio, 2 Hib, and 2 Hepatitis B) immunization series by 12 months of age.

The results show (in Attachments 1 and 2) that 87% of CHD clients completed the 4:3:1:3:3:1 series by 24 months of age, which is a 5% increase from last year. In addition to the increased overall state coverage rate, 25 counties achieved coverage levels over 90%, with six of these CHDs attaining 100% immunization coverage levels.

Beginning this survey year, coverage rates based on the 4:3:1:3:3:1:3 (4 DTaP, 3 Polio, 1 MMR, 3 Hib, 3 Hep B, 1 Varicella, and 3 PCV) immunization series were also measured. These results show that 86% of CHD clients completed this series by 24 months of age. CHDs are to be commended for their hard work in protecting Florida's children against vaccine-preventable diseases, and for achieving levels exceeding our 90% national and statewide goal.

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 results for this age group, as portrayed in Attachment 2, shows that 82% completed the 3:2:2:2 series by 12 months of age.

This data shows that failure to administer the fourth 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 immunization coverage levels and evaluate service delivery.

Assessments provide data about vaccine delivery practices and vaccine coverage that both motivate and assist staff with 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 exceed the Department's immunization coverage goal of 90% among our one- and two-year-old children consistently, and in working toward meeting future coverage goals, CHDs must focus their efforts 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/aw

Enclosures

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, 2009**

County	Total Clients Sampled	Complete with 4/3/1 †		Complete with 4/3/1/3 ±		Complete with 4/3/1/3/3 ●		Complete with 4/3/1/3/3/1 ▲		Complete with 4/3/1/3/3/1/3 ■	
		Clients	%	Clients	%	Clients	%	Clients	%	Clients	%
Alachua	309	260	84%	260	84%	256	83%	256	83%	256	83%
Baker	92	79	86%	79	86%	79	86%	77	84%	74	80%
Bay	302	263	87%	257	85%	257	85%	257	85%	257	85%
Bradford	26	25	96%	24	92%	24	92%	24	92%	23	88%
Brevard	540	535	99%	535	99%	535	99%	529	98%	529	98%
Broward**											
Calhoun	34	26	76%	25	74%	25	74%	25	74%	22	65%
Charlotte	253	220	87%	220	87%	218	86%	215	85%	215	85%
Citrus	133	133	100%	133	100%	133	100%	133	100%	132	99%
Clay	120	114	95%	114	95%	114	95%	114	95%	113	94%
Collier	1,034	951	92%	889	86%	889	86%	889	86%	879	85%
Columbia	39	32	82%	32	82%	32	82%	32	82%	32	82%
Dade	1,003	913	91%	913	91%	913	91%	903	90%	853	85%
DeSoto	12	9	75%	9	75%	9	75%	9	75%	8	67%
Dixie	74	65	88%	65	88%	65	88%	65	88%	65	88%
Duval	1,584	1,346	85%	1,346	85%	1,331	84%	1,315	83%	1,299	82%
Escambia	909	845	93%	818	90%	818	90%	818	90%	809	89%
Flagler	233	233	100%	233	100%	233	100%	233	100%	231	99%
Franklin	51	49	96%	49	96%	49	96%	49	96%	49	96%
Gadsden	169	169	100%	169	100%	169	100%	169	100%	167	99%
Gilchrist	59	58	98%	56	95%	56	95%	56	95%	55	93%
Glades	34	30	88%	30	88%	30	88%	30	88%	30	88%
Gulf	51	49	96%	45	88%	45	88%	45	88%	45	88%
Hamilton	51	46	90%	46	90%	46	90%	46	90%	46	90%
Hardee	247	210	85%	205	83%	203	82%	200	81%	200	81%
Hendry	147	132	90%	128	87%	128	87%	128	87%	126	86%
Hernando	208	200	96%	196	94%	196	94%	196	94%	191	92%
Highlands	127	124	98%	124	98%	124	98%	124	98%	124	98%
Hillsborough	3,003	3,003	100%	2,943	98%	2,943	98%	2,943	98%	2,943	98%
Holmes	69	59	86%	58	84%	58	84%	58	84%	58	84%
Indian River	392	392	100%	392	100%	392	100%	392	100%	392	100%
Jackson	69	60	87%	60	87%	59	86%	58	84%	55	80%
Jefferson	23	17	74%	17	74%	17	74%	17	74%	15	65%
Lafayette	15	11	73%	11	73%	11	73%	11	73%	11	73%
Lake	316	294	93%	294	93%	291	92%	291	92%	278	88%
Lee	898	844	94%	790	88%	781	87%	781	87%	772	86%
Leon	184	180	98%	169	92%	169	92%	169	92%	164	89%
Levy	68	60	88%	60	88%	60	88%	60	88%	59	87%
Liberty	49	36	73%	36	73%	36	73%	36	73%	35	71%
Madison	114	84	74%	84	74%	84	74%	81	71%	79	69%

**COUNTY HEALTH DEPARTMENT CLIENT IMMUNIZATION COVERAGE
LEVELS* AT 24 MONTHS OF AGE, JANUARY 1, 2009**

County	Total Clients Sampled	Complete with 4/3/1 †		Complete with 4/3/1/3 ±		Complete with 4/3/1/3/3 ●		Complete with 4/3/1/3/3/1 ▲		Complete with 4/3/1/3/3/1/3 ■	
		Clients	%	Clients	%	Clients	%	Clients	%	Clients	%
Manatee	287	238	83%	230	80%	227	79%	227	79%	215	75%
Marion	958	786	82%	786	82%	776	81%	766	80%	766	80%
Martin	269	237	88%	237	88%	237	88%	237	88%	234	87%
Monroe	340	255	75%	228	67%	221	65%	218	64%	218	64%
Nassau	46	38	83%	38	83%	38	83%	37	80%	35	76%
Okaloosa	623	530	85%	523	84%	517	83%	517	83%	517	83%
Okeechobee	20	19	95%	18	90%	18	90%	18	90%	18	90%
Orange	2,219	1,908	86%	1,886	85%	1,864	84%	1,842	83%	1,820	82%
Osceola	1,179	1,155	98%	1,155	98%	1,155	98%	1,155	98%	1,108	94%
Palm Beach	1,864	1,137	61%	1,118	60%	1,100	59%	1,081	58%	1,062	57%
Pasco	477	463	97%	463	97%	463	97%	463	97%	463	97%
Pinellas	1,118	1,107	99%	1,084	97%	1,084	97%	1,084	97%	1,073	96%
Polk	1,104	1,038	94%	1,005	91%	1,005	91%	1,005	91%	994	90%
Putnam	89	84	94%	84	94%	84	94%	84	94%	84	94%
Santa Rosa	382	279	73%	248	65%	244	64%	241	63%	241	63%
Sarasota	851	834	98%	774	91%	774	91%	774	91%	757	89%
Seminole	685	644	94%	637	93%	637	93%	637	93%	623	91%
St. Johns	236	208	88%	208	88%	208	88%	205	87%	205	87%
St. Lucie	238	224	94%	219	92%	219	92%	219	92%	214	90%
Sumter	104	104	100%	104	100%	104	100%	104	100%	104	100%
Suwannee	107	89	83%	82	77%	81	76%	81	76%	81	76%
Taylor	25	21	84%	21	84%	21	84%	21	84%	21	84%
Union	24	23	96%	22	92%	22	92%	22	92%	22	92%
Volusia	315	280	89%	277	88%	274	87%	271	86%	271	86%
Wakulla	45	45	100%	45	100%	45	100%	45	100%	45	100%
Walton	225	180	80%	176	78%	171	76%	171	76%	162	72%
Washington	48	41	85%	40	83%	40	83%	40	83%	40	83%
State Total	26,919	24,121	90%	23,622	88%	23,506	87%	23,399	87%	23,084	86%

* Review includes children who were 24-35 months of age on January 1 2009, using Florida SHOTS (assessment run date of January 6, 2009)

† 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

■ Immunization coverage level for 4 DTP/DTaP, 3 OPV/IPV, 1 MMR, 3 Hib, 3 Hep B, 1 VZV, and 3 PCV

** Broward County data is not included in this report due to having < 10 "Total Clients Sampled"

**COUNTY HEALTH DEPARTMENT CLIENT IMMUNIZATION COVERAGE
LEVELS* AT 12 MONTHS OF AGE, JANUARY 1, 2009**

County	Total Clients Sampled	Up-to-Date with 3/2/2/2**	
		Clients	%
Alachua	314	270	86%
Baker	90	83	92%
Bay	249	189	76%
Bradford	32	23	72%
Brevard	429	390	91%
Broward	410	267	65%
Calhoun	39	32	82%
Charlotte	209	173	83%
Citrus	135	120	89%
Clay	87	73	84%
Collier	786	692	88%
Columbia	32	22	69%
Dade	1,241	1,067	86%
DeSoto	21	11	52%
Dixie	96	78	81%
Duval	1,810	1,484	82%
Escambia	811	665	82%
Flagler	208	181	87%
Franklin	50	48	96%
Gadsden	211	175	83%
Gilchrist	70	61	87%
Glades	44	43	98%
Gulf	36	36	100%
Hamilton	60	56	93%
Hardee	236	186	79%
Hendry	169	134	79%
Hernando	148	138	93%
Highlands	163	142	87%
Hillsborough	2,279	2,142	94%
Holmes	56	51	91%
Indian River	368	364	99%
Jackson	84	72	86%
Jefferson	19	16	84%
Lafayette	15	12	80%
Lake	308	274	89%
Lee	1,145	824	72%
Leon	270	173	64%
Levy	97	85	88%
Liberty	55	40	73%
Madison	164	112	68%
Manatee	321	231	72%
Marion	840	680	81%
Martin	296	266	90%
Monroe	365	288	79%
Nassau	41	32	78%
Okaloosa	575	506	88%
Okeechobee	25	21	84%

**COUNTY HEALTH DEPARTMENT CLIENT IMMUNIZATION COVERAGE
LEVELS* AT 12 MONTHS OF AGE, JANUARY 1, 2009**

County	Total Clients Sampled	Up-to-Date with 3/2/2/2**	
		Clients	%
Orange	1,977	1,680	85%
Osceola	1,179	1,061	90%
Palm Beach	1,782	1,087	61%
Pasco	440	409	93%
Pinellas	1,060	848	80%
Polk	1,660	1,062	64%
Putnam	102	84	82%
Santa Rosa	314	236	75%
Sarasota	1,096	954	87%
Seminole	714	693	97%
St. Johns	224	195	87%
St. Lucie	167	140	84%
Sumter	96	96	100%
Suwannee	131	110	84%
Taylor	29	19	66%
Union	24	19	79%
Volusia	349	290	83%
Wakulla	30	23	77%
Walton	202	154	76%
Washington	66	58	88%
State Total	27,151	22,247	82%

* Review includes children who were 12-23 months of age on January 1, 2009, using Florida SHOTS (assessment run date January 6, 2009).

** 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, 2009**

County	Total Clients Sampled	Complete with 4/3/1 †		Complete with 4/3/1/3 ±		Complete with 4/3/1/3/3 •		Complete with 4/3/1/3/3/1 ▲		Complete with 4/3/1/3/3/1/3 ■	
		Clients	%	Clients	%	Clients	%	Clients	%	Clients	%
Alachua	309	260	84%	260	84%	256	83%	256	83%	256	83%
Alachua/Gainesville	260	221	85%	221	85%	221	85%	221	85%	221	85%
Alachua Clinic	25	19	76%	19	76%	19	76%	19	76%	19	76%
High Springs	23	18	78%	18	78%	17	74%	17	74%	17	74%
Newberry	1	1	100%	1	100%	1	100%	1	100%	1	100%
Baker	92	79	86%	79	86%	79	86%	77	84%	74	80%
Bay	302	263	87%	257	85%	257	85%	257	85%	257	85%
Bradford	26	25	96%	24	92%	24	92%	24	92%	23	88%
Brevard	540	535	99%	535	99%	535	99%	529	98%	529	98%
Melbourne	215	209	97%	209	97%	209	97%	209	97%	204	95%
Rockledge	158	158	100%	158	100%	156	99%	156	99%	156	99%
Titusville	167	165	99%	165	99%	165	99%	165	99%	165	99%
Broward	2	2	100%	2	100%	2	100%	2	100%	2	100%
Ft. Lauderdale	1	1	100%	1	100%	1	100%	1	100%	1	100%
South Regional	1	1	100%	1	100%	1	100%	1	100%	1	100%
Calhoun	34	26	76%	25	74%	25	74%	25	74%	22	65%
Charlotte	253	220	87%	220	87%	218	86%	215	85%	215	85%
Englewood	62	53	85%	53	85%	53	85%	52	84%	52	84%
Port	112	99	88%	96	86%	95	85%	94	84%	94	84%
Punta Gorda	79	70	89%	70	89%	70	89%	69	87%	69	87%
Citrus	133	133	100%	133	100%	133	100%	133	100%	132	99%
Crystal River	23	23	100%	23	100%	23	100%	23	100%	23	100%
Inverness	24	24	100%	24	100%	24	100%	24	100%	24	100%
Lecanto	86	86	100%	86	100%	86	100%	86	100%	85	99%
Clay	120	114	95%	114	95%	114	95%	114	95%	113	94%
Green Cove Springs	30	28	93%	28	93%	28	93%	28	93%	27	90%
North Clinic	90	86	96%	86	96%	86	96%	86	96%	86	96%
Collier	1,034	951	92%	889	86%	889	86%	889	86%	879	85%
Golden Gate	69	58	84%	54	78%	54	78%	54	78%	54	78%
Immokalee	328	312	95%	308	94%	308	94%	305	93%	305	93%
Naples	637	580	91%	529	83%	529	83%	522	82%	522	82%
Columbia	39	32	82%	32	82%	32	82%	32	82%	32	82%
Dade	1,003	913	91%	913	91%	913	91%	903	90%	853	85%

**COUNTY HEALTH DEPARTMENT CLIENT IMMUNIZATION COVERAGE
LEVELS* AT 24 MONTHS OF AGE, JANUARY 1, 2009**

County	Total Clients Sampled	Complete with 4/3/1 †		Complete with 4/3/1/3 ±		Complete with 4/3/1/3/3 •		Complete with 4/3/1/3/3/1 ▲		Complete with 4/3/1/3/3/1/3 ■	
		Clients	%	Clients	%	Clients	%	Clients	%	Clients	%
Corporate Park Of Miami	283	275	97%	275	97%	275	97%	275	97%	260	92%
Dr. Rafael A. Penalver	128	122	95%	122	95%	122	95%	122	95%	119	93%
Jefferson Reaves Sr.	185	163	88%	163	88%	163	88%	161	87%	157	85%
Juanita Mann	110	107	97%	107	97%	107	97%	107	97%	105	95%
Little Haiti	21	13	62%	13	62%	13	62%	12	57%	12	57%
Refugee	25	20	80%	20	80%	20	80%	20	80%	1	4%
West Perrine	251	213	85%	213	85%	213	85%	211	84%	198	79%
Desoto	12	9	75%	9	75%	9	75%	9	75%	8	67%
Dixie	74	65	88%	65	88%	65	88%	65	88%	65	88%
Duval	1,584	1,346	85%	1,346	85%	1,331	84%	1,315	83%	1,299	82%
Agape Community Health Ctr	54	51	94%	51	94%	51	94%	51	94%	51	94%
Beaches Family Health Ctr	165	140	85%	135	82%	135	82%	135	82%	134	81%
Ctr For Women And Children	268	230	86%	230	86%	230	86%	228	85%	228	85%
Kids N Care Health Ctr	139	110	79%	108	78%	108	78%	108	78%	106	76%
Marietta Family Health Ctr	95	75	79%	75	79%	73	77%	73	77%	72	76%
South Jax Family Health Ctr	219	195	89%	193	88%	188	86%	188	86%	186	85%
The Bridge Adolescent Health	34	29	85%	29	85%	29	85%	28	82%	28	82%
The Immunization Ctr	158	133	84%	133	84%	131	83%	130	82%	122	77%
Wesconnett Health Ctr	288	242	84%	242	84%	239	83%	239	83%	236	82%
West Jax Family Health	164	143	87%	143	87%	143	87%	138	84%	134	82%
Escambia	909	845	93%	818	90%	818	90%	818	90%	809	89%
Century Rural Clinic	12	11	92%	11	92%	11	92%	11	92%	11	92%
Escambia	754	701	93%	679	90%	679	90%	679	90%	671	89%
Molino Rural Clinic	29	24	83%	24	83%	24	83%	24	83%	24	83%
Northside Clinic	114	108	95%	106	93%	106	93%	106	93%	104	91%
Flagler	233	233	100%	233	100%	233	100%	233	100%	231	99%
Flagler	232	232	100%	232	100%	232	100%	232	100%	230	99%
Outreach	1	1	100%	1	100%	1	100%	1	100%	1	100%
Franklin	51	49	96%	49	96%	49	96%	49	96%	49	96%
Apalachicola	38	36	95%	36	95%	36	95%	36	95%	36	95%
Carrabelle	13	13	100%	13	100%	13	100%	13	100%	13	100%
Gadsden	169	169	100%	169	100%	169	100%	169	100%	167	99%
County Health Dept.	168	168	100%	168	100%	168	100%	168	100%	166	99%

**COUNTY HEALTH DEPARTMENT CLIENT IMMUNIZATION COVERAGE
LEVELS* AT 24 MONTHS OF AGE, JANUARY 1, 2009**

County	Total Clients Sampled	Complete with 4/3/1 †		Complete with 4/3/1/3 ±		Complete with 4/3/1/3/3 •		Complete with 4/3/1/3/3/1 ▲		Complete with 4/3/1/3/3/1/3 ■	
		Clients	%	Clients	%	Clients	%	Clients	%	Clients	%
Gretna Clinic	1	1	100%	1	100%	1	100%	1	100%	1	100%
Gilchrist	59	58	98%	56	95%	56	95%	56	95%	55	93%
Glades	34	30	88%	30	88%	30	88%	30	88%	30	88%
Gulf	51	49	96%	45	88%	45	88%	45	88%	45	88%
Port St. Joe Clinic	30	29	97%	26	87%	26	87%	26	87%	26	87%
Wewahitchka Clinic	21	20	95%	19	90%	19	90%	19	90%	19	90%
Hamilton	51	46	90%	46	90%	46	90%	46	90%	46	90%
Hardee	247	210	85%	205	83%	203	82%	200	81%	200	81%
Hendry	147	132	90%	128	87%	128	87%	128	87%	126	86%
Clewiston Clinic	49	45	92%	42	86%	42	86%	42	86%	41	84%
Labelle Clinic	98	87	89%	86	88%	86	88%	86	88%	85	87%
Hernando	208	200	96%	196	94%	196	94%	196	94%	191	92%
Brooksville Clinic	75	68	91%	67	89%	67	89%	67	89%	66	88%
Spring Hill Clinic	133	130	98%	129	97%	129	97%	128	96%	125	94%
Highlands	127	124	98%	124	98%	124	98%	124	98%	124	98%
Avon Park Clinic	26	26	100%	26	100%	26	100%	26	100%	26	100%
Lake Placid Clinc	23	22	96%	22	96%	22	96%	22	96%	22	96%
Sebring Clinic	78	76	97%	76	97%	76	97%	76	97%	76	97%
Hillsborough	3,003	3,003	100%	2,943	98%	2,943	98%	2,943	98%	2,943	98%
Crosstown Immunizations	445	445	100%	441	99%	441	99%	441	99%	441	99%
Floyd Kelton Health Ctr	386	386	100%	371	96%	371	96%	371	96%	371	96%
Joyce Ely Health Ctr	353	353	100%	342	97%	342	97%	342	97%	342	97%
North Health Ctr	308	308	100%	302	98%	302	98%	302	98%	302	98%
Plant City Health Ctr	538	538	100%	527	98%	527	98%	527	98%	522	97%
Refugee Clinic	2	2	100%	2	100%	2	100%	2	100%	2	100%
Sulphur Springs Health Ctr	400	400	100%	396	99%	396	99%	396	99%	396	99%
University Area Health Ctr	571	571	100%	565	99%	565	99%	565	99%	565	99%
Holmes	69	59	86%	58	84%	58	84%	58	84%	58	84%
Indian River	392	392	100%	392	100%	392	100%	392	100%	392	100%
Gifford Health Ctr	9	9	100%	9	100%	9	100%	9	100%	9	100%
Indian River	383	383	100%	383	100%	383	100%	383	100%	383	100%
Jackson	69	60	87%	60	87%	59	86%	58	84%	55	80%
Jefferson	23	17	74%	17	74%	17	74%	17	74%	15	65%

**COUNTY HEALTH DEPARTMENT CLIENT IMMUNIZATION COVERAGE
LEVELS* AT 24 MONTHS OF AGE, JANUARY 1, 2009**

County	Total Clients Sampled	Complete with 4/3/1 †		Complete with 4/3/1/3 ±		Complete with 4/3/1/3/3 •		Complete with 4/3/1/3/3/1 ▲		Complete with 4/3/1/3/3/1/3 ■	
		Clients	%	Clients	%	Clients	%	Clients	%	Clients	%
Lafayette	15	11	73%	11	73%	11	73%	11	73%	11	73%
Lake	316	294	93%	294	93%	291	92%	291	92%	278	88%
Childrens Wellness Ctr	205	193	94%	193	94%	191	93%	191	93%	182	89%
Clermont Clinic	67	64	96%	64	96%	64	96%	64	96%	61	91%
Umatilla	44	37	84%	37	84%	37	84%	37	84%	35	80%
Lee	898	844	94%	790	88%	781	87%	781	87%	772	86%
Michigan Avenue	883	830	94%	777	88%	777	88%	777	88%	768	87%
Pondella Clinic	13	8	62%	8	62%	8	62%	7	54%	6	46%
Refugee Health	2	2	100%	2	100%	2	100%	2	100%	2	100%
Leon	184	180	98%	169	92%	169	92%	169	92%	164	89%
Municipal Way	33	33	100%	32	97%	32	97%	32	97%	31	94%
Roberts And Stevens	151	146	97%	137	91%	137	91%	137	91%	133	88%
Levy	68	60	88%	60	88%	60	88%	60	88%	59	87%
Bronson Clinic	68	60	88%	60	88%	60	88%	60	88%	59	87%
Liberty	49	36	73%	36	73%	36	73%	36	73%	35	71%
Madison	114	84	74%	84	74%	84	74%	81	71%	79	69%
Manatee	287	238	83%	230	80%	227	79%	227	79%	215	75%
Marion	958	786	82%	786	82%	776	81%	766	80%	766	80%
Bellevue	117	80	68%	80	68%	80	68%	80	68%	78	67%
Ocala	795	668	84%	668	84%	660	83%	652	82%	652	82%
Reddick Clinic	46	37	80%	37	80%	37	80%	37	80%	37	80%
Martin	269	237	88%	237	88%	237	88%	237	88%	234	87%
Indiantown Clinic	61	58	95%	58	95%	56	92%	56	92%	56	92%
Stuart Clinic	208	181	87%	181	87%	181	87%	181	87%	179	86%
Monroe	340	255	75%	228	67%	221	65%	218	64%	218	64%
Gato	1	0	0%	0	0%	0	0%	0	0%	0	0%
Roosevelt Sands Ctr	201	167	83%	139	69%	137	68%	135	67%	131	65%
Roth Building - Tavernier	47	26	55%	26	55%	23	49%	23	49%	23	49%
Ruth Ivins Ctr - Marathon	91	63	69%	63	69%	62	68%	62	68%	62	68%
Nassau	46	38	83%	38	83%	38	83%	37	80%	35	76%
Callahan Clinic	15	10	67%	10	67%	10	67%	10	67%	10	67%
Fernandina Beach Clinic	18	16	89%	16	89%	16	89%	16	89%	15	83%
Yulee Clinic	13	12	92%	12	92%	12	92%	11	85%	10	77%

**COUNTY HEALTH DEPARTMENT CLIENT IMMUNIZATION COVERAGE
LEVELS* AT 24 MONTHS OF AGE, JANUARY 1, 2009**

County	Total Clients Sampled	Complete with 4/3/1 †		Complete with 4/3/1/3 ±		Complete with 4/3/1/3/3 •		Complete with 4/3/1/3/3/1 ▲		Complete with 4/3/1/3/3/1/3 ■	
		Clients	%	Clients	%	Clients	%	Clients	%	Clients	%
Okaloosa	623	530	85%	523	84%	517	83%	517	83%	517	83%
Crestview	112	87	78%	84	75%	81	72%	81	72%	80	71%
Fort Walton Beach	511	445	87%	439	86%	439	86%	439	86%	434	85%
Okeechobee	20	19	95%	18	90%	18	90%	18	90%	18	90%
Orange	2219	1,908	86%	1,886	85%	1,864	84%	1,842	83%	1,820	82%
Central Clinic	1072	911	85%	900	84%	890	83%	890	83%	879	82%
Eastside Clinic	376	323	86%	320	85%	316	84%	312	83%	305	81%
Southside Clinic	465	405	87%	400	86%	391	84%	391	84%	386	83%
Winter Garden	306	266	87%	266	87%	263	86%	260	85%	254	83%
Osceola	1,179	1,155	98%	1,155	98%	1,155	98%	1,155	98%	1,108	94%
Kissimmee	702	688	98%	688	98%	688	98%	688	98%	653	93%
Poinciana	230	228	99%	228	99%	228	99%	228	99%	223	97%
St. Cloud	172	167	97%	167	97%	167	97%	167	97%	162	94%
Stadium Place	75	74	99%	74	99%	74	99%	74	99%	73	97%
Palm Beach	1,864	1,137	61%	1,118	60%	1,100	59%	1,081	58%	1,062	57%
Belle Glade Health Ctr	80	66	83%	64	80%	62	78%	61	76%	60	75%
Community Immunization Svc	400	208	52%	204	51%	196	49%	188	47%	180	45%
Delray Beach Annex	1	1	100%	1	100%	1	100%	1	100%	1	100%
Delray Beach Health Ctr	282	228	81%	223	79%	220	78%	217	77%	212	75%
Jupiter Health Ctr	49	36	73%	36	73%	36	73%	36	73%	36	73%
Lantana Health Ctr	695	292	42%	285	41%	278	40%	271	39%	264	38%
Riviera Beach H. C. TB/STD	1	0	0%	0	0%	0	0%	0	0%	0	0%
West Health Ctr	356	310	87%	310	87%	310	87%	310	87%	303	85%
Pasco	477	463	97%	463	97%	463	97%	463	97%	463	97%
Dade City Clinic	101	95	94%	95	94%	95	94%	95	94%	95	94%
Hudson Clinic	56	55	98%	55	98%	55	98%	55	98%	55	98%
Land O Lakes Clinic	69	68	99%	68	99%	68	99%	68	99%	67	97%
New Port Richey Clinic	148	148	100%	148	100%	148	100%	148	100%	147	99%
Zephyrhills Clinic	103	98	95%	98	95%	97	94%	97	94%	97	94%
Pinellas	1,118	1,107	99%	1,084	97%	1,084	97%	1,084	97%	1,073	96%
Clearwater Health	275	272	99%	270	98%	270	98%	270	98%	267	97%
Imm Outreach	75	73	97%	73	97%	73	97%	73	97%	73	97%
Largo Health Ctr	97	97	100%	96	99%	96	99%	96	99%	95	98%

**COUNTY HEALTH DEPARTMENT CLIENT IMMUNIZATION COVERAGE
LEVELS* AT 24 MONTHS OF AGE, JANUARY 1, 2009**

County	Total Clients Sampled	Complete with 4/3/1 †		Complete with 4/3/1/3 ±		Complete with 4/3/1/3/3 •		Complete with 4/3/1/3/3/1 ▲		Complete with 4/3/1/3/3/1/3 ■	
		Clients	%	Clients	%	Clients	%	Clients	%	Clients	%
Park Health	251	251	100%	246	98%	246	98%	246	98%	243	97%
St Petersburg Health	345	335	97%	328	95%	328	95%	328	95%	324	94%
Tarpon Springs Health	75	75	100%	74	99%	73	97%	73	97%	72	96%
Polk	1,104	1,038	94%	1,005	91%	1,005	91%	1,005	91%	994	90%
Auburndale	377	354	94%	336	89%	336	89%	336	89%	332	88%
Bartow	2	2	100%	2	100%	2	100%	2	100%	2	100%
Haines City	82	77	94%	77	94%	77	94%	77	94%	77	94%
Immunizations	15	15	100%	15	100%	15	100%	15	100%	15	100%
Lake Wales	141	131	93%	130	92%	128	91%	128	91%	128	91%
Lakeland	487	458	94%	448	92%	448	92%	448	92%	443	91%
Putnam	89	84	94%	84	94%	84	94%	84	94%	84	94%
Santa Rosa	382	279	73%	248	65%	244	64%	241	63%	241	63%
Gulf Breeze Clinic	137	86	63%	75	55%	75	55%	74	54%	73	53%
Milton Clinic	245	191	78%	174	71%	169	69%	169	69%	167	68%
Sarasota	851	834	98%	774	91%	774	91%	774	91%	757	89%
HSC	206	204	99%	196	95%	196	95%	196	95%	196	95%
North Port Clinic	22	22	100%	22	100%	22	100%	21	95%	20	91%
Ringling Clinic	366	355	97%	326	89%	322	88%	322	88%	315	86%
Venice Clinic	257	252	98%	234	91%	234	91%	234	91%	226	88%
Seminole	685	644	94%	637	93%	637	93%	637	93%	623	91%
Casselberry	271	252	93%	252	93%	252	93%	249	92%	247	91%
Sanford	414	389	94%	389	94%	385	93%	385	93%	377	91%
St. Johns	236	208	88%	208	88%	208	88%	205	87%	205	87%
St. Lucie	238	224	94%	219	92%	219	92%	219	92%	214	90%
Fort Pierce	97	88	91%	87	90%	87	90%	87	90%	85	88%
Port St. Lucie	141	135	96%	133	94%	133	94%	133	94%	128	91%
Sumter	104	104	100%	104	100%	104	100%	104	100%	104	100%
Bushnell	62	62	100%	62	100%	62	100%	62	100%	62	100%
Wildwood	42	42	100%	42	100%	42	100%	42	100%	42	100%
Suwannee	107	89	83%	82	77%	81	76%	81	76%	81	76%
Branford	8	5	63%	5	63%	5	63%	5	63%	5	63%
Live Oak	99	84	85%	77	78%	76	77%	76	77%	76	77%
Taylor	25	21	84%	21	84%	21	84%	21	84%	21	84%

**COUNTY HEALTH DEPARTMENT CLIENT IMMUNIZATION COVERAGE
LEVELS* AT 24 MONTHS OF AGE, JANUARY 1, 2009**

County	Total Clients Sampled	Complete with 4/3/1 †		Complete with 4/3/1/3 ±		Complete with 4/3/1/3/3 •		Complete with 4/3/1/3/3/1 ▲		Complete with 4/3/1/3/3/1/3 ■	
		Clients	%	Clients	%	Clients	%	Clients	%	Clients	%
Union	24	23	96%	22	92%	22	92%	22	92%	22	92%
Volusia	315	280	89%	277	88%	274	87%	271	86%	271	86%
Daytona	168	136	81%	134	80%	133	79%	131	78%	129	77%
Deland	30	29	97%	28	93%	27	90%	27	90%	27	90%
Deltona	67	67	100%	67	100%	67	100%	67	100%	67	100%
New Smyrna Beach	50	47	94%	47	94%	47	94%	47	94%	47	94%
Wakulla	45	45	100%	45	100%	45	100%	45	100%	45	100%
Walton	225	180	80%	176	78%	171	76%	171	76%	162	72%
Walton	146	112	77%	110	75%	107	73%	107	73%	98	67%
Coastal Branch	79	67	85%	65	82%	65	82%	65	82%	64	81%
Washington	48	41	85%	40	83%	40	83%	40	83%	40	83%

* Review includes children who were 24-35 months of age on January 1, 2009, using Florida SHOTS (assessment run date January 6, 2009)

† 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 .

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

**COUNTY HEALTH DEPARTMENT CLIENT IMMUNIZATION COVERAGE
LEVELS* AT 12 MONTHS OF AGE, JANUARY 1, 2009**

County	Total Clients Sampled	Complete with 3/2/2/2**	
		Clients	%
Alachua	314	270	86%
Alachua/Gainsville	253	218	86%
Alachua Clinic	30	27	90%
High Springs	31	25	81%
Baker	90	83	92%
Bay	249	189	76%
Bradford	32	23	72%
Brevard	429	390	91%
Melbourne	210	181	86%
Rockledge	111	105	95%
Titusville	108	102	94%
Broward	410	267	65%
Eastside	1	0	0%
Ft. Lauderdale	119	86	72%
Immunization Outreach	35	28	80%
Paul Hughes	81	47	58%
South Regional	174	106	61%
Calhoun	39	32	82%
Charlotte	209	173	83%
Englewood	44	38	86%
Port	99	84	85%
Punta Gorda	66	52	79%
Citrus	135	120	89%
Crystal River	20	15	75%
Inverness	33	30	91%
Lecanto	82	75	91%
Clay	87	73	84%
Green Cove Springs	40	32	80%
North Clinic	47	41	87%
Collier	786	692	88%
Golden Gate	64	48	75%
Immokalee	294	262	89%
Naples	428	381	89%
Columbia	32	22	69%
Dade	1,241	1,067	86%
Corporate Park Of Miami	420	412	98%
Dr. Rafael A. Penalver	137	100	73%
Jefferson Reaves Sr.	223	185	83%
Juanita Mann	99	81	82%
Little Haiti	57	46	81%
Refugee	52	35	67%
West Perrine	253	215	85%
Desoto	21	11	52%
Dixie	96	78	81%
Duval	1,810	1,484	82%
Agape Community Health Ctr	42	38	90%
Beaches Family Health Ctr	254	234	92%
Ctr For Pulmonary Services	1	0	0%

**COUNTY HEALTH DEPARTMENT CLIENT IMMUNIZATION COVERAGE
LEVELS* AT 12 MONTHS OF AGE, JANUARY 1, 2009**

County	Total Clients Sampled	Complete with 3/2/2/2**	
		Clients	%
Ctr For Women And Children	326	287	88%
Kids N Care Health Ctr	135	100	74%
Marietta Family Health Ctr	114	95	83%
South Jax Family Health Ctr	242	206	85%
The Bridge Adolescent Health	31	27	87%
The Immunization Ctr	184	120	65%
Wesconnett Health Ctr	309	238	77%
West Jax Family Health	172	139	81%
Escambia	811	665	82%
Century Rural Clinic	1	1	100%
Employee Health	3	2	67%
Escambia	646	536	83%
Molino Rural Clinic	25	22	88%
Northside Clinic	136	105	77%
Flagler	208	181	87%
Flagler	208	181	87%
Franklin	50	48	96%
Apalachicola	35	34	97%
Carrabelle	15	14	93%
Gadsden	211	175	83%
County Health Dept.	210	174	83%
Gretna Clinic	1	1	100%
Gilchrist	70	61	87%
Glades	44	43	98%
Gulf	36	36	100%
Port St. Joe Clinic	20	20	100%
Wewahitchka Clinic	16	16	100%
Hamilton	60	56	93%
Hardee	236	186	79%
Hendry	169	134	79%
Clewiston Clinic	76	62	82%
Labelle Clinic	93	72	77%
Hernando	148	138	93%
Brooksville Clinic	59	55	93%
Spring Hill Clinic	89	83	93%
Highlands	163	142	87%
Avon Park Clinic	14	11	79%
Lake Placid Clinc	46	39	85%
Sebring Clinc	103	92	89%
Hillsborough	2,279	2,142	94%
Crosstown Immunizations	305	278	91%
Floyd Kelton Health Ctr	236	222	94%
Joyce Ely Health Ctr	267	256	96%
North Health Ctr	264	246	93%
Plant City Health Ctr	371	356	96%
Sulphur Springs Health Ctr	339	312	92%
University Area Health Ctr	497	477	96%
Holmes	56	51	91%

**COUNTY HEALTH DEPARTMENT CLIENT IMMUNIZATION COVERAGE
LEVELS* AT 12 MONTHS OF AGE, JANUARY 1, 2009**

County	Total Clients Sampled	Complete with 3/2/2/2**	
		Clients	%
Indian River	368	364	99%
Gifford Health Ctr	3	3	100%
Indian River	365	361	99%
Jackson	84	72	86%
Jefferson	19	16	84%
Lafayette	15	12	80%
Lake	308	274	89%
Childrens Wellness Ctr	185	167	90%
Clermont Clinic	26	24	92%
Umatilla	97	84	87%
Lee	1,145	824	72%
Michigan Avenue	1,108	787	71%
Pondella Clinic	37	33	89%
Leon	270	173	64%
Municipal Way	55	35	64%
Roberts And Stevens	215	138	64%
Levy	97	85	88%
Bronson Clinic	97	85	88%
Liberty	55	40	73%
Madison	164	112	68%
Manatee	321	231	72%
Marion	840	680	81%
Belleview	117	91	78%
Dunnellon Clinic	3	2	67%
Ocala	679	557	82%
Reddick Clinic	41	29	71%
Martin	296	266	90%
Indiantown Clinic	81	76	94%
Stuart Clinic	215	191	89%
Monroe	365	288	79%
Health Care Ctr	1	0	0%
Roosevelt Sands Ctr	221	179	81%
Roth Building - Tavernier	32	20	63%
Ruth Ivins Ctr - Marathon	111	87	78%
Nassau	41	32	78%
Callahan Clinic	21	14	67%
Fernandina Beach Clinic	12	11	92%
Yulee Clinic	8	7	88%
Okaloosa	575	506	88%
Crestview	111	94	85%
Fort Walton Beach	464	413	89%
Okeechobee	25	21	84%
Orange	1,977	1,680	85%
Central Clinic	938	779	83%
Eastside Clinic	316	265	84%
Southside Clinic	432	372	86%
Winter Garden	291	265	91%
Osceola	1,179	1,061	90%

**COUNTY HEALTH DEPARTMENT CLIENT IMMUNIZATION COVERAGE
LEVELS* AT 12 MONTHS OF AGE, JANUARY 1, 2009**

County	Total Clients Sampled	Complete with 3/2/2/2**	
		Clients	%
Kissimmee	664	591	89%
Poinciana	203	179	88%
St. Cloud	193	179	93%
Stadium Place	119	109	92%
Palm Beach	1,782	1,087	61%
Belle Glade Health Ctr	61	56	92%
Community Immunization Svc	272	147	54%
Delray Beach Annex	1	1	100%
Delray Beach Health Ctr	260	226	87%
Jupiter Health Ctr	36	27	75%
Lantana Health Ctr	759	326	43%
Riviera Beach H. C. IDC	1	0	0%
Riviera Beach H. C. TB/STD	5	0	0%
West Health Ctr	387	302	78%
Pasco	440	409	93%
Dade City Clinic	107	88	82%
Hudson Clinic	65	64	98%
Land O Lakes Clinic	52	49	94%
New Port Richey Clinic	104	103	99%
Zephyrhills Clinic	112	106	95%
Pinellas	1,060	848	80%
Clearwater Health	236	194	82%
Imm Outreach	95	79	83%
Largo Health Ctr	118	91	77%
Park Health	194	157	81%
St Petersburg Health	338	264	78%
Tarpon Springs Health	79	63	80%
Polk	1,660	1,062	64%
Auburndale	633	367	58%
Haines City	147	96	65%
Immunizations	8	6	75%
Lake Wales	169	113	67%
Lakeland	703	478	68%
Putnam	102	84	82%
Santa Rosa	314	236	75%
Gulf Breeze Clinic	88	65	74%
Jay Clinic	1	1	100%
Milton Clinic	225	171	76%
Sarasota	1,096	954	87%
HSC	310	295	95%
North Port Clinic	31	28	90%
Ringling Clinic	413	330	80%
Venice Clinic	342	294	86%
Seminole	714	693	97%
Casselberry	293	287	98%
Sanford	421	408	97%
St. Johns	224	195	87%
St. Lucie	167	140	84%

**COUNTY HEALTH DEPARTMENT CLIENT IMMUNIZATION COVERAGE
LEVELS* AT 12 MONTHS OF AGE, JANUARY 1, 2009**

County	Total Clients Sampled	Complete with Clients	3/2/2/2** %
Fort Pierce	70	62	89%
Port St. Lucie	97	78	80%
Sumter	96	96	100%
Bushnell	57	57	100%
Wildwood	39	39	100%
Suwannee	131	110	84%
Branford	9	5	56%
Live Oak	122	105	86%
Taylor	29	19	66%
Union	24	19	79%
Volusia	349	290	83%
Daytona	168	114	68%
Deland	74	71	96%
Deltona	63	62	98%
New Smyrna Beach	44	42	95%
Wakulla	30	23	77%
Walton	202	154	76%
Walton	129	101	78%
Coastal Branch	73	53	73%
Washington	66	58	88%

* Review includes children who were 12-23 months of age on January 1, 2009, using Florida SHOTS (assessment run date January 6, 2009).

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