



Charlie Crist  
Governor

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

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## INTEROFFICE MEMORANDUM

**DATE:** March 16, 2010  
**TO:** County Health Department Directors/Administrators  
**FROM:** Shairi R. Turner, M.D., M.P.H.  
Deputy Secretary for Health  
**SUBJECT:** Assessment of County Health Department Immunization  
Coverage Levels (2010)

**FOR INFORMATION ONLY: Signature on File**

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In February 2010, the Bureau of Immunization (BOI) completed an annual immunization assessment for all one and two year-old children receiving immunization services in Florida's county health departments (CHDs). Each year Florida's 67 CHDs administer thousands of doses to children whose parents rely on the county health department as their child's immunization provider. This assessment and the results reported here are related to children with a county health department immunization home. The assessment results identify areas where additional focus can improve immunization coverage for this targeted population, thereby meeting the 90% national and state 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 1, 2010. The results are based on recommendations of the Advisory Committee on Immunization Practices (ACIP), which recommends:

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

Enclosure 1 shows that statewide, 86% of the two year-old children completed the 4:3:1:3:3:1 series by 24 months of age, a 1% decrease from last year. Thirty-three of the 67 CHDs achieved or exceeded the national and state goal, four of these attaining 100%.

Coverage level data for the 4:3:1:3:3:1:4 series (4:3:1:3:3:1 plus four doses of pneumococcal conjugate (PCV)) is also provided. These results show that statewide, 84% of the two-year-old children assessed completed this series by 24 months of age.

Enclosure two shows that statewide, 82% of the one year-old children completed the 3:2:2:2 series by 12 months of age. Sixteen of the 67 CHDs achieved or exceeded the national and state goal, including one which achieved 100%.

Children who miss the fourth dose of DTaP/DTP/DT negatively impact statewide efforts to achieve the 90% coverage goal. In addition, our coverage levels continue to decline with children incomplete for the Hib series, caused largely by vaccine shortage issues beyond our control. The reminder and recall tool, which identifies those active children due for immunization, is important in improving coverage levels.

To consistently achieve the coverage goal of our one and two year-old children, it is important for CHDs to focus their efforts and resources in the following key areas:

- Fully implement the CHD Guidebook's immunization internal operating policies (IOP) and technical assistance guidelines (TAG).
- Develop effective strategies for achieving high, sustainable, vaccine coverage levels.
- Assess the impact of intervention on service delivery practices.
- Use all clinic encounters to assess immunization status and provide appropriate immunizations.

We encourage you to contact your local Bureau of Immunization field staff to assist with identifying areas of need and developing strategies for increasing your immunization rates. Collaborative efforts will help us sustain gains achieved in protecting Florida's two-year-old children and enable us to achieve our common goal of providing Florida's infant population with the best protection possible against vaccine-preventable diseases.

SRT/cha/aw  
Enclosures

cc: Julia Gill, Ph.D., M.P.H., Director  
Division of Disease Control  
Meade Grigg, Director  
Office of Planning, Evaluation, and Data Analysis  
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Office of Performance Improvement  
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Bureau of Immunization  
County Health Department Nursing Directors  
Bureau of Immunization Field Staff

**COUNTY HEALTH DEPARTMENT CLIENT<sup>†</sup> IMMUNIZATION COVERAGE  
LEVELS<sup>^</sup> AT 24 MONTHS OF AGE<sup>\*</sup>, JANUARY 1, 2010  
FLORIDA, BY COUNTY**

County	Clients Sampled	4/3/1/3/3 <sup>±</sup>		4/3/1/3/3/1 <sup>§</sup>		4/3/1/3/3/1/4 <sup>‡</sup>	
		Clients**	%	Clients**	%	Clients**	%
Alachua	329	250	76%	250	76%	243	74%
Baker	85	68	80%	67	79%	66	78%
Bay	128	116	91%	116	91%	116	91%
Bradford	24	20	83%	19	79%	16	67%
Brevard	352	345	98%	345	98%	345	98%
Broward +							
Calhoun	29	15	52%	15	52%	15	52%
Charlotte	213	200	94%	200	94%	196	92%
Citrus	140	139	99%	139	99%	133	95%
Clay	88	73	83%	73	83%	71	81%
Collier	599	587	98%	587	98%	587	98%
Columbia	22	17	77%	17	77%	17	77%
Dade	534	518	97%	518	97%	475	89%
Desoto	15	15	100%	15	100%	14	93%
Dixie	76	67	88%	67	88%	66	87%
Duval	1,599	1,263	79%	1,263	79%	1,231	77%
Escambia	467	420	90%	420	90%	416	89%
Flagler	107	105	98%	105	98%	105	98%
Franklin	51	39	76%	39	76%	39	76%
Gadsden	175	173	99%	173	99%	172	98%
Gilchrist	73	65	89%	65	89%	65	89%
Glades	34	29	85%	29	85%	28	82%
Gulf	48	34	71%	34	71%	34	71%
Hamilton	44	39	89%	39	89%	39	89%
Hardee	113	104	92%	103	91%	102	90%
Hendry	93	78	84%	78	84%	78	84%
Hernando	185	181	98%	181	98%	179	97%
Highlands	140	136	97%	136	97%	136	97%
Hillsborough	2,439	2,268	93%	2,268	93%	2,268	93%
Holmes	53	52	98%	52	98%	52	98%
Indian River	361	361	100%	361	100%	361	100%
Jackson	74	56	76%	56	76%	55	74%
Jefferson	19	18	95%	18	95%	18	95%
Lafayette +							
Lake	140	129	92%	129	92%	127	91%
Lee	375	319	85%	319	85%	315	84%
Leon	233	228	98%	228	98%	217	93%
Levy	48	47	98%	47	98%	45	94%
Liberty	55	36	65%	36	65%	36	65%
Madison	127	98	77%	94	74%	91	72%
Manatee	271	138	51%	138	51%	130	48%

**COUNTY HEALTH DEPARTMENT CLIENT<sup>†</sup> IMMUNIZATION COVERAGE  
LEVELS<sup>^</sup> AT 24 MONTHS OF AGE<sup>\*</sup>, JANUARY 1, 2010  
FLORIDA, BY COUNTY**

County	Clients Sampled	4/3/1/3/3 <sup>±</sup>		4/3/1/3/3/1 <sup>§</sup>		4/3/1/3/3/1/4 <sup>‡</sup>	
		Clients**	%	Clients**	%	Clients**	%
Marion	497	467	94%	467	94%	457	92%
Martin	278	245	88%	245	88%	245	88%
Monroe	366	187	51%	187	51%	183	50%
Nassau	35	27	77%	27	77%	26	74%
Okaloosa	249	234	94%	234	94%	234	94%
Okeechobee	19	18	95%	18	95%	18	95%
Orange	2,551	2,245	88%	2,245	88%	2,143	84%
Osceola	805	797	99%	797	99%	765	95%
Palm Beach	1,081	703	65%	703	65%	681	63%
Pasco	338	328	97%	328	97%	324	96%
Pinellas	868	773	89%	773	89%	764	88%
Polk	912	775	85%	775	85%	766	84%
Putnam	91	90	99%	90	99%	89	98%
Santa Rosa	342	209	61%	209	61%	205	60%
Sarasota	871	540	62%	540	62%	531	61%
Seminole	367	363	99%	363	99%	360	98%
St Johns	259	212	82%	212	82%	212	82%
St Lucie	146	137	94%	137	94%	131	90%
Sumter	83	83	100%	83	100%	83	100%
Suwannee	61	46	75%	46	75%	46	75%
Taylor	27	27	100%	27	100%	27	100%
Union	18	13	72%	13	72%	13	72%
Volusia	163	153	94%	153	94%	152	93%
Wakulla	20	18	90%	18	90%	18	90%
Walton	152	119	78%	116	76%	114	75%
Washington	49	47	96%	47	96%	47	96%
<b>State Total</b>	<b>20,606</b>	<b>17,702</b>	<b>86%</b>	<b>17,692</b>	<b>86%</b>	<b>17,335</b>	<b>84%</b>

\* Children in this immunization survey were 24-35 months of age on January 1, 2010.

\*\* Estimated number of children complete for specified immunization series.

<sup>^</sup> Estimates presented as percentages (%) +/- 95% Confidence Interval

<sup>†</sup> Data collected from the Florida State Health Online Tracking System (SHOTS) on January 4, 2010.

+ County specific data not included due to "Total Clients Sampled" being ≤ 10.

<sup>±</sup> 4 or more doses of any diphtheria and tetanus toxoids and pertussis vaccines including diphtheria and tetanus toxoids, and any acellular pertussis vaccine (DTaP/DTP/DT), 3 or more doses of any poliovirus vaccine, 1 or more doses of measles-mumps-rubella (MMR) vaccine, 3 or more doses of *Haemophilus influenzae* type b (Hib) vaccine, 3 or more doses of hepatitis B vaccine.

<sup>§</sup> 4/3/1/3/3 plus one or more doses of varicella vaccine.

<sup>‡</sup> 4/3/1/3/3/1 plus 4 or more doses of pneumococcal conjugate (PCV) vaccine.

**COUNTY HEALTH DEPARTMENT CLIENT<sup>†</sup> IMMUNIZATION COVERAGE  
LEVELS<sup>^</sup> AT 12 MONTHS OF AGE<sup>\*</sup>, JANUARY 1, 2010  
FLORIDA, BY COUNTY**

County	Clients Sampled	3/2/2/2!!	
		Clients**	%
Alachua	414	311	75%
Baker	59	45	76%
Bay	190	171	90%
Bradford	45	32	71%
Brevard	393	358	91%
Broward +			
Calhoun	39	34	87%
Charlotte	215	185	86%
Citrus	168	128	76%
Clay	78	70	90%
Collier	656	538	82%
Columbia	14	5	36%
Dade	320	243	76%
Desoto	33	28	85%
Dixie	91	76	84%
Duval	2,039	1,346	66%
Escambia	1,015	802	79%
Flagler	135	117	87%
Franklin	42	33	79%
Gadsden	168	138	82%
Gilchrist	71	61	86%
Glades	31	24	77%
Gulf	57	52	91%
Hamilton	58	45	78%
Hardee	118	114	97%
Hendry	114	98	86%
Hernando	116	113	97%
Highlands	124	102	82%
Hillsborough	2,392	2,344	98%
Holmes	57	45	79%
Indian River	312	309	99%
Jackson	53	46	87%
Jefferson	44	31	70%
Lafayette +			
Lake	92	85	92%
Lee	650	481	74%
Leon	206	175	85%
Levy	44	42	95%
Liberty	43	36	84%
Madison	140	90	64%
Manatee	311	205	66%

**COUNTY HEALTH DEPARTMENT CLIENT<sup>†</sup> IMMUNIZATION COVERAGE  
LEVELS<sup>^</sup> AT 12 MONTHS OF AGE\*, JANUARY 1, 2010  
FLORIDA, BY COUNTY**

County	Clients Sampled	3/2/2/2!!	
		Clients**	%
Marion	360	310	86%
Martin	223	201	90%
Monroe	349	286	82%
Nassau	35	23	66%
Okaloosa	176	155	88%
Okeechobee +			
Orange	2,210	1,901	86%
Osceola	860	826	96%
Palm Beach	1,444	982	68%
Pasco	277	249	90%
Pinellas	1,005	744	74%
Polk	1,132	781	69%
Putnam	113	86	76%
Santa Rosa	329	234	71%
Sarasota	1,086	934	86%
Seminole	389	381	98%
St Johns	183	159	87%
St Lucie	170	129	76%
Sumter	77	77	100%
Suwannee	90	80	89%
Taylor	16	13	81%
Union	19	16	84%
Volusia	288	262	91%
Wakulla	32	24	75%
Walton	230	191	83%
Washington	38	27	71%
State Total	22,304	18,289	82%

\*Children in this immunization survey were 24-35 months of age on January 1, 2010.

\*\*Estimated number of children complete for specified immunization series.

<sup>^</sup> Estimates presented as percentages (%) +/- 95% Confidence Interval

<sup>†</sup> Data collected from the Florida State Health Online Tracking System (SHOTS) on January 4, 2010.

+ County specific data not included due to "Total Clients Sampled" being ≤ 10.

!! 3 or more doses of any diphtheria and tetanus toxoids and pertussis vaccines including diphtheria and tetanus toxoids, and any acellular pertussis vaccine (DTaP/DTP/DT), 2 or more doses of any poliovirus vaccine, 2 or more doses of *Haemophilus influenzae* type b (Hib) vaccine, and 2 or more doses of hepatitis B vaccine.

**COUNTY HEALTH DEPARTMENT CLIENT<sup>†</sup> IMMUNIZATION COVERAGE  
LEVELS<sup>^</sup> AT 24 MONTHS OF AGE<sup>\*</sup>, JANUARY 1, 2010  
FLORIDA, BY COUNTY AND SITE**

County	Clients Sampled	4/3/1/3/3±		4/3/1/3/3/1§		4/3/1/3/3/1/4‡	
		Clients**	%	Clients**	%	Clients**	%
Alachua	329	250	76%	250	76%	243	74%
Alachua/Gainesville	288	216	75%	216	75%	210	73%
Alachua Clinic	32	26	81%	26	81%	26	81%
Family Service Center	0						
Hawthorne Clinic	0						
High Springs Clinic	9	8	89%	8	89%	8	89%
Newberry Clinic	0						
Baker	85	68	80%	67	79%	66	78%
Bay	128	116	91%	116	91%	116	91%
Bradford	24	20	83%	19	79%	16	67%
Brevard	352	345	98%	345	98%	345	98%
Melbourne	126	121	96%	121	96%	121	96%
Rockledge	0						
Titusville	113	113	100%	113	100%	112	99%
Viera Clinic	113	112	99%	112	99%	112	99%
Broward	7	3	43%	3	43%	3	43%
Eastside Health Center	1						
Ft. Lauderdale Health Center	2	1	50%	1	50%	1	50%
Immunization Outreach	0						
North Broward Detention	0						
Northwest Health Center	0						
Paul Hughes Health Center	2	1	50%	1	50%	1	50%
South Regional Health Center	2	1	50%	1	50%	1	50%
Westside Health Center	0						
Calhoun	29	15	52%	15	52%	15	52%
Charlotte	213	200	94%	200	94%	196	92%
Englewood	45	43	96%	43	96%	43	96%
Port Charlotte	105	100	95%	100	95%	96	91%
Punta Gorda	63	58	92%	58	92%	57	90%
Citrus	140	139	99%	139	99%	133	95%
Beverly Hills Health Unit	1	1	100%	1	100%	1	100%
Crystal River Health Unit	3	2	67%	2	67%	2	67%
Inverness Health Unit	26	26	100%	26	100%	25	96%
Lecanto Health Unit	110	109	99%	109	99%	105	95%
Clay	88	73	83%	73	83%	71	81%
Green Cove Springs	48	43	90%	43	90%	42	88%
Keystone Heights	0						
North Clinic	40	30	75%	30	75%	29	73%
Collier	599	587	98%	587	98%	587	98%
Golden Gate	34	32	94%	32	94%	32	94%
Immokalee	241	236	98%	236	98%	236	98%

**COUNTY HEALTH DEPARTMENT CLIENT<sup>†</sup> IMMUNIZATION COVERAGE  
LEVELS<sup>^</sup> AT 24 MONTHS OF AGE<sup>\*</sup>, JANUARY 1, 2010  
FLORIDA, BY COUNTY AND SITE**

County	Clients Sampled	4/3/1/3/3±		4/3/1/3/3/1§		4/3/1/3/3/1/4‡	
		Clients**	%	Clients**	%	Clients**	%
Naples	324	321	99%	321	99%	321	99%
Columbia	22	17	77%	17	77%	17	77%
Dade	534	518	97%	518	97%	475	89%
Corporate Park Of Miami	102	101	99%	101	99%	89	87%
Dr. Rafael A. Penalver Health	19	19	100%	19	100%	19	100%
Family Medical Ctr Building 10	0						
Hepatitis Outreach 1350	0						
Jefferson Reaves Sr. Health	139	131	94%	131	94%	126	91%
Juanita Mann Health Center	16	16	100%	16	100%	16	100%
Little Haiti Health Center	74	71	96%	71	96%	66	89%
MD Civil Surgeon	0						
North Site	0						
Refugee Health Center	18	17	94%	17	94%	4	22%
School Health Micc	0						
South Site	0						
Southside Health Center	0						
West Perrine Health Center	166	164	99%	164	99%	154	93%
Desoto	15	15	100%	15	100%	14	93%
Dixie	76	67	88%	67	88%	66	87%
Duval	1,599	1,263	79%	1,263	79%	1,231	77%
Agape Community Health Center	41	40	98%	40	98%	40	98%
Beaches Family Health Center	206	171	83%	171	83%	169	82%
Boulevard Comprehensive Care	0						
Center For Pulmonary Services	0						
Center For Women And Children	359	262	73%	262	73%	251	70%
Institutional Medicine	0						
Kids N Care Health Center	75	59	79%	59	79%	59	79%
Marietta Family Health Center	91	69	76%	69	76%	68	75%
South Jax Family Health Center	203	171	84%	171	84%	162	80%
The Bridge Adolescent Health	6	5	83%	5	83%	5	83%
The Immunization Center	142	107	75%	107	75%	102	72%
Wesconnett Health Center	273	216	79%	216	79%	213	78%
West Jax Family Health	203	162	80%	162	80%	158	78%
Escambia	467	420	90%	420	90%	416	89%
Century Rural Clinic	0						
Employee Health	0						
Escambia	388	349	90%	349	90%	345	89%
Molino Rural Clinic	18	17	94%	17	94%	17	94%
Northside Clinic	61	55	90%	55	90%	54	89%
Flagler	107	105	98%	105	98%	105	98%
Flagler	107	105	98%	105	98%	105	98%

**COUNTY HEALTH DEPARTMENT CLIENT<sup>†</sup> IMMUNIZATION COVERAGE  
LEVELS<sup>^</sup> AT 24 MONTHS OF AGE<sup>\*</sup>, JANUARY 1, 2010  
FLORIDA, BY COUNTY AND SITE**

County	Clients Sampled	4/3/1/3/3±		4/3/1/3/3/1§		4/3/1/3/3/1/4‡	
		Clients**	%	Clients**	%	Clients**	%
Outreach	0						
Franklin	51	39	76%	39	76%	39	76%
Apalachicola	26	20	77%	20	77%	20	77%
Carrabelle	25	19	76%	19	76%	19	76%
Gadsden	175	173	99%	173	99%	172	98%
Carter Parramore Academy	0						
East Gadsden High School	0						
Gadsden County Health Dept.	174	172	99%	172	99%	171	98%
Gretna Clinic, Gadsden	0						
Havana Clinic, Gadsden	1	1	100%	1	100%	1	100%
West Gadsden High School	0						
Gilchrist	73	65	89%	65	89%	65	89%
Glades	34	29	85%	29	85%	28	82%
Gulf	48	34	71%	34	71%	34	71%
Port St. Joe Clinic	25	19	76%	19	76%	19	76%
Wewahitchka Clinic	23	15	65%	15	65%	15	65%
Hamilton	44	39	89%	39	89%	39	89%
Hardee	113	104	92%	103	91%	102	90%
Hendry	93	78	84%	78	84%	78	84%
Clewiston Clinic	43	36	84%	36	84%	36	84%
Labelle Clinic	50	42	84%	42	84%	42	84%
Hernando	185	181	98%	181	98%	179	97%
Brooksville Clinic	78	75	96%	75	96%	73	94%
Spring Hill Clinic	107	107	100%	106	99%	106	99%
Highlands	140	136	97%	136	97%	136	97%
Avon Park Clinic	3	3	100%	3	100%	3	100%
Lake Placid Clinic	47	45	96%	45	96%	45	96%
Sebring Clinic	90	88	98%	88	98%	88	98%
Hillsborough	2,439	2,268	93%	2,268	93%	2,268	93%
Crosstown Immunizations	426	426	100%	426	100%	422	99%
Floyd Kelton Health Center	233	198	85%	198	85%	196	84%
Joyce Ely Health Center	242	213	88%	213	88%	213	88%
North Hillsborough Health Ctr	314	286	91%	286	91%	279	89%
Plant City Health Center	377	320	85%	320	85%	317	84%
Refugee Clinic	1	1	100%	1	100%	1	100%
Specialty Care - STD	0						
Specialty Care - TB	0						
Specialty Care Clinic	1	1	100%	1	100%	1	100%
Sulphur Springs Health Center	318	315	99%	315	99%	312	98%
University Area Health Center	527	516	98%	516	98%	516	98%
Holmes	53	52	98%	52	98%	52	98%

**COUNTY HEALTH DEPARTMENT CLIENT† IMMUNIZATION COVERAGE  
LEVELS^ AT 24 MONTHS OF AGE\*, JANUARY 1, 2010  
FLORIDA, BY COUNTY AND SITE**

County	Clients Sampled	4/3/1/3/3±		4/3/1/3/3/1§		4/3/1/3/3/1/4‡	
		Clients**	%	Clients**	%	Clients**	%
Indian River	361	361	100%	361	100%	361	100%
Gifford Health Center	4	4	100%	4	100%	4	100%
Indian River	357	357	100%	357	100%	357	100%
Jackson	74	56	76%	56	76%	55	74%
Jefferson	19	18	95%	18	95%	18	95%
Lafayette	6	6	100%	6	100%	5	83%
Lake	140	129	92%	129	92%	127	91%
Childrens Wellness Center	93	83	89%	83	89%	82	88%
Clermont Clinic	17	16	94%	16	94%	16	94%
Lake	1	1	100%	1	100%	1	100%
Mount Dora Clinc	0						
Umatilla	29	29	100%	29	100%	29	100%
Lee	375	319	85%	319	85%	315	84%
Michigan Avenue	332	279	84%	279	84%	276	83%
Pondella Clinic	43	39	91%	39	91%	38	88%
Refugee Health	0						
Leon	233	228	98%	228	98%	217	93%
Municipal Way	103	101	98%	101	98%	94	91%
Roberts And Stevens	124	122	98%	122	98%	117	94%
Southside	6	5	83%	5	83%	5	83%
Levy	48	47	98%	47	98%	45	94%
Bronson Clinic	48	47	98%	47	98%	45	94%
Cedar Key Clinic	0						
Chiefland Clinic	0						
Inglis Clinic	0						
Williston Clinic	0						
Liberty	55	36	65%	36	65%	36	65%
Madison	127	98	77%	94	74%	91	72%
Manatee	271	138	51%	138	51%	130	48%
Marion	497	467	94%	467	94%	457	92%
Bellevue	77	70	91%	70	91%	69	90%
Dunnellon Clinic	0						
Ocala	396	372	94%	372	94%	368	93%
Reddick Clinic	24	23	96%	23	96%	23	96%
Martin	278	245	88%	245	88%	245	88%
Indiantown Clinic	68	62	91%	62	91%	62	91%
Stuart Clinic	210	185	88%	185	88%	183	87%
Monroe	366	187	51%	187	51%	183	50%
Health Care Center	1						
Gato	21	10	48%	10	48%	8	38%
Roosevelt Sands Center	207	87	42%	85	41%	85	41%

**COUNTY HEALTH DEPARTMENT CLIENT<sup>†</sup> IMMUNIZATION COVERAGE  
LEVELS<sup>^</sup> AT 24 MONTHS OF AGE<sup>\*</sup>, JANUARY 1, 2010  
FLORIDA, BY COUNTY AND SITE**

County	Clients Sampled	4/3/1/3/3±		4/3/1/3/3/1§		4/3/1/3/3/1/4‡	
		Clients**	%	Clients**	%	Clients**	%
Roth Building - Tavernier	35	20	57%	20	57%	19	54%
Ruth Ivins Center - Marathon	102	72	71%	72	71%	71	70%
Nassau	35	27	77%	27	77%	26	74%
Callahan Clinic	15	11	73%	11	73%	10	67%
Fernandina Beach Clinic	11	9	82%	9	82%	9	82%
Hilliard Clinic	0						
Yulee Clinic	9	7	78%	7	78%	7	78%
Okaloosa	249	234	94%	234	94%	234	94%
Crestview	52	49	94%	49	94%	49	94%
Fort Walton Beach	197	185	94%	185	94%	185	94%
Okeechobee	19	18	95%	18	95%	18	95%
Orange	2,551	2,245	88%	2,245	88%	2,143	84%
Apopka	1	1	100%	1	100%	1	100%
Central Clinic	985	857	87%	847	86%	818	83%
Eastside Clinic	535	471	88%	465	87%	455	85%
Employee Health	0						
Hoffner Family Health Center	0						
Lake Underhill Family Health	0						
Lila Mitchell Health Center	0						
Mercy Drive	0						
South Orange Avenue	1						
Southside Clinic	688	605	88%	605	88%	578	84%
Winter Garden	341	314	92%	314	92%	300	88%
Osceola	805	797	99%	797	99%	765	95%
Kissimmee	585	579	99%	579	99%	556	95%
Poinciana	131	131	100%	131	100%	127	97%
St. Cloud	52	51	98%	51	98%	51	98%
Stadium Place	37	35	95%	35	95%	34	92%
Palm Beach	1,081	703	65%	703	65%	681	63%
Belle Glade Health Center	41	31	76%	31	76%	31	76%
Community Immunization Service	288	130	45%	127	44%	124	43%
Delray Beach Annex	0						
Delray Beach Health Center	184	153	83%	153	83%	147	80%
Jupiter Health Center	25	18	72%	18	72%	18	72%
Lantana Health Center	307	178	58%	175	57%	169	55%
Rams Health Clinic	0						
Riviera Beach H. C. IDC	0						
Riviera Beach H. C. TB/STD	1	1	100%	1	100%	1	100%
West Palm Beach Health Center	235	193	82%	193	82%	186	79%
Pasco	338	328	97%	328	97%	324	96%
Dade City Clinic	70	70	100%	70	100%	69	99%

**COUNTY HEALTH DEPARTMENT CLIENT<sup>†</sup> IMMUNIZATION COVERAGE  
LEVELS<sup>^</sup> AT 24 MONTHS OF AGE<sup>\*</sup>, JANUARY 1, 2010  
FLORIDA, BY COUNTY AND SITE**

County	Clients Sampled	4/3/1/3/3±		4/3/1/3/3/1§		4/3/1/3/3/1/4‡	
		Clients**	%	Clients**	%	Clients**	%
Hudson Clinic	41	38	93%	38	93%	37	90%
Land O Lakes Clinic	40	37	93%	37	93%	37	93%
New Port Richey Clinic	112	109	97%	109	97%	108	96%
Zephyrhills Clinic	75	73	97%	73	97%	73	97%
Pinellas	868	773	89%	773	89%	764	88%
Clearwater Health	227	193	85%	193	85%	193	85%
Imm Outreach	8	8	100%	8	100%	8	100%
Largo Health Center	111	98	88%	98	88%	98	88%
Maternity	0						
Office Of Minority Health	0						
Pinellas Park Health	181	170	94%	170	94%	168	93%
St Petersburg Health	273	238	87%	238	87%	235	86%
Tarpon Springs Health	68	64	94%	64	94%	63	93%
Willa Carson Center	0						
Polk	912	775	85%	775	85%	766	84%
Auburndale	335	291	87%	291	87%	285	85%
Bartow	1						
Haines City	47	38	81%	38	81%	37	79%
Hepatitis Unit	0						
Immunizations	1	1	100%	1	100%	1	100%
Immunology	0						
Lake Wales	76	63	83%	63	83%	62	82%
Lakeland	452	384	85%	384	85%	380	84%
TB	0						
Putnam	91	90	99%	90	99%	89	98%
Santa Rosa	342	209	61%	209	61%	205	60%
Gulf Breeze Clinic	94	63	67%	63	67%	60	64%
Jay Clinic	1						
Milton Clinic	247	146	59%	146	59%	143	58%
Sarasota	871	540	62%	540	62%	531	61%
Employee Health Services	0						
HSC	250	123	49%	123	49%	123	49%
Mobile Medical Unit	0						
North Port Clinic	42	34	81%	34	81%	34	81%
Ringling Clinic	279	176	63%	176	63%	173	62%
Venice Clinic	300	207	69%	207	69%	204	68%
Seminole	367	363	99%	363	99%	360	98%
Casselberry	159	157	99%	157	99%	154	97%
Sanford	208	208	100%	208	100%	206	99%
St Johns	259	212	82%	212	82%	212	82%
St Lucie	146	137	94%	137	94%	131	90%

**COUNTY HEALTH DEPARTMENT CLIENT<sup>†</sup> IMMUNIZATION COVERAGE  
LEVELS<sup>^</sup> AT 24 MONTHS OF AGE<sup>\*</sup>, JANUARY 1, 2010  
FLORIDA, BY COUNTY AND SITE**

County	Clients Sampled	4/3/1/3/3 <sup>±</sup>		4/3/1/3/3/1 <sup>§</sup>		4/3/1/3/3/1/4 <sup>‡</sup>	
		Clients**	%	Clients**	%	Clients**	%
Fort Pierce	60	58	97%	58	97%	56	93%
Port St. Lucie	86	79	92%	79	92%	75	87%
Sumter	83	83	100%	83	100%	83	100%
Bushnell	48	48	100%	48	100%	48	100%
Wildwood	35	35	100%	35	100%	35	100%
Suwannee	61	46	75%	46	75%	46	75%
Branford	3	3	100%	3	100%	3	100%
Live Oak	58	43	74%	43	74%	43	74%
Taylor	27	27	100%	27	100%	27	100%
Union	18	13	72%	13	72%	13	72%
Volusia	163	153	94%	153	94%	152	93%
09 Outreach	0						
Daytona	32	31	97%	31	97%	30	94%
Deland	12	8	67%	8	67%	8	67%
Deltona	66	66	100%	66	100%	65	98%
New Smyrna Beach	53	49	92%	49	92%	49	92%
Wakulla	20	18	90%	18	90%	18	90%
Walton	152	119	78%	116	76%	114	75%
Walton	83	62	75%	60	72%	59	71%
Coastal Branch	69	56	81%	56	81%	55	80%
Washington	49	47	96%	47	96%	47	96%

\*Children in this immunization survey were 24-35 months of age on January 1, 2010.

\*\*Estimated number of children complete for specified immunization series.

<sup>^</sup> Estimates presented as percentages (%) +/- 95% Confidence Interval

<sup>†</sup> Data collected from the Florida State Health Online Tracking System (SHOTS) on January 4, 2010.

<sup>±</sup> 4 or more doses of any diphtheria and tetanus toxoids and pertussis vaccines including diphtheria and tetanus toxoids, and any acellular pertussis vaccine (DTaP/DTP/DT), 3 or more doses of any poliovirus vaccine, 1 or more doses of measles-mumps-rubella (MMR) vaccine, 3 or more doses of *Haemophilus influenzae* type b (Hib) vaccine, and 3 or more doses of hepatitis B vaccine.

<sup>§</sup> 4/3/1/3/3 plus one or more doses of varicella vaccine.

<sup>‡</sup> 4/3/1/3/3/1 plus 4 or more doses of pneumococcal conjugate (PCV) vaccine.

**COUNTY HEALTH DEPARTMENT CLIENT† IMMUNIZATION COVERAGE  
LEVELS^ AT 12 MONTHS OF AGE\*, JANUARY 1, 2010  
FLORIDA, BY COUNTY AND SITE**

County	Clients Sampled	3/2/2/2!!	
		Clients**	%
Alachua	414	311	75%
Alachua/Gainesville	362	268	74%
Alachua Clinic	39	33	85%
Family Service Center	1	1	100%
Hawthorne Clinic	0		
High Springs Clinic	12	10	83%
Newberry Clinic	0		
Baker	59	45	76%
Bay	190	171	90%
Bradford	45	32	71%
Brevard	393	358	91%
Melbourne	183	159	87%
Rockledge	0		
Titusville	106	101	95%
Viera Clinic	104	97	93%
Broward	10	5	50%
Eastside Health Center	0		
Ft. Lauderdale Health Center	2	1	50%
Immunization Outreach	0		
North Broward Detention	0		
Northwest Health Center	0		
Paul Hughes Health Center	1	1	100%
South Regional Health Center	7	3	43%
Westside Health Center	0		
Calhoun	39	34	87%
Charlotte	215	185	86%
Englewood	44	39	89%
Port Charlotte	91	82	90%
Punta Gorda	80	64	80%
Citrus	168	128	76%
Beverly Hills Health Unit	0		
Crystal River Health Unit	8	8	100%
Inverness Health Unit	41	32	78%
Lecanto Health Unit	119	88	74%
Clay	78	70	90%
Green Cove Springs	33	29	88%
Keystone Heights	0		
North Clinic	45	41	91%
Collier	656	538	82%
Golden Gate	31	18	58%
Immokalee	249	207	83%

**COUNTY HEALTH DEPARTMENT CLIENT† IMMUNIZATION COVERAGE  
LEVELS^ AT 12 MONTHS OF AGE\*, JANUARY 1, 2010  
FLORIDA, BY COUNTY AND SITE**

County	Clients Sampled	3/2/2/2!!	
		Clients**	%
Naples	376	312	83%
Columbia	14	5	36%
Dade	320	243	76%
Corporate Park Of Miami	14	13	93%
Dr. Rafael A. Penalver Health	0		
Family Medical Ctr Building 10	0		
Hepatitis Outreach 1350	0		
Jefferson Reaves Sr. Health	113	90	80%
Juanita Mann Health Center	0		
Little Haiti Health Center	58	43	74%
MD Civil Surgeon	0		
North Site	0		
Refugee Health Center	5	3	60%
School Health Micc	0		
South Site	0		
Southside Health Center	0		
West Perrine Health Center	130	95	73%
Desoto	33	28	85%
Dixie	91	76	84%
Duval	2,039	1,346	66%
Agape Community Health Center	67	52	78%
Beaches Family Health Center	245	189	77%
Boulevard Comprehensive Care	0		
Center For Pulmonary Services	0		
Center For Women And Children	446	299	67%
Institutional Medicine	0		
Kids N Care Health Center	35	23	66%
Marietta Family Health Center	128	97	76%
South Jax Family Health Center	336	202	60%
The Bridge Adolescent Health	7	4	57%
The Immunization Center	154	80	52%
Wesconnett Health Center	378	238	63%
West Jax Family Health	243	165	68%
Escambia	1,015	802	79%
Century Rural Clinic	0		
Employee Health	1	1	100%
Escambia	829	655	79%
Molino Rural Clinic	20	15	75%
Northside Clinic	165	127	77%
Flagler	135	117	87%
Flagler	134	118	88%

**COUNTY HEALTH DEPARTMENT CLIENT<sup>†</sup> IMMUNIZATION COVERAGE  
LEVELS<sup>^</sup> AT 12 MONTHS OF AGE<sup>\*</sup>, JANUARY 1, 2010  
FLORIDA, BY COUNTY AND SITE**

County	Clients Sampled	3/2/2/2!!	
		Clients**	%
Outreach	1		
Franklin	42	33	79%
Apalachicola	17	13	76%
Carrabelle	25	20	80%
Gadsden	168	138	82%
Carter Parramore Academy	0		
East Gadsden High School	0		
Gadsden County Health Dept.	163	134	82%
Gretna Clinic, Gadsden	0		
Havana Clinic, Gadsden	5	4	80%
West Gadsden High School	0		
Gilchrist	71	61	86%
Glades	31	24	77%
Gulf	57	52	91%
Port St. Joe Clinic	27	25	93%
Wewahitchka Clinic	30	27	90%
Hamilton	58	45	78%
Hardee	118	114	97%
Hendry	114	98	86%
Clewiston Clinic	46	42	91%
Labelle Clinic	68	56	82%
Hernando	116	113	97%
Brooksville Clinic	52	51	98%
Spring Hill Clinic	64	61	95%
Highlands	124	102	82%
Avon Park Clinic	20	18	90%
Lake Placid Clinc	39	35	90%
Sebring Clinc	65	49	75%
Hillsborough	2,392	2,344	98%
Crosstown Immunizations	346	336	97%
Floyd Kelton Health Center	217	213	98%
Joyce Ely Health Center	279	279	100%
North Hillsborough Health Ctr	316	313	99%
Plant City Health Center	381	373	98%
Refugee Clinic	3		0%
Specialty Care - STD	0		
Specialty Care - TB	0		
Specialty Care Clinic	0		
Sulphur Springs Health Center	338	328	97%
University Area Health Center	512	507	99%
Holmes	57	45	79%

**COUNTY HEALTH DEPARTMENT CLIENT† IMMUNIZATION COVERAGE  
LEVELS^ AT 12 MONTHS OF AGE\*, JANUARY 1, 2010  
FLORIDA, BY COUNTY AND SITE**

County	Clients Sampled	3/2/2/2!!	
		Clients**	%
Indian River	312	309	99%
Gifford Health Center	0		
Indian River	312	309	99%
Jackson	53	46	87%
Jefferson	44	31	70%
Lafayette	8	8	100%
Lake	92	85	92%
Childrens Wellness Center	61	59	97%
Clermont Clinic	5	3	60%
Lake	1		
Mount Dora Clinc	0		
Umatilla	25	23	92%
Lee	650	481	74%
Michigan Avenue	569	427	75%
Pondella Clinic	81	56	69%
Refugee Health	0		
Leon	206	175	85%
Municipal Way	74	69	93%
Roberts And Stevens	121	98	81%
Southside	11	8	73%
Levy	44	42	95%
Bronson Clinic	44	42	95%
Cedar Key Clinic	0		
Chiefland Clinic	0		
Inglis Clinic	0		
Williston Clinic	0		
Liberty	43	36	84%
Madison	140	90	64%
Manatee	311	205	66%
Marion	360	310	86%
Bellevue	55	46	84%
Dunnellon Clinic	0		
Ocala	281	247	88%
Reddick Clinic	24	19	79%
Martin	223	201	90%
Indiantown Clinic	59	56	95%
Stuart Clinic	164	144	88%
Monroe	349	286	82%
Health Care Center	4		0%
Gato	23	16	70%
Roosevelt Sands Center	217	187	86%

**COUNTY HEALTH DEPARTMENT CLIENT† IMMUNIZATION COVERAGE  
LEVELS^ AT 12 MONTHS OF AGE\*, JANUARY 1, 2010  
FLORIDA, BY COUNTY AND SITE**

County	Clients Sampled	3/2/2/2!!	
		Clients**	%
Roth Building - Tavernier	27	18	67%
Ruth Ivins Center - Marathon	78	66	85%
Nassau	35	23	66%
Callahan Clinic	15	10	67%
Fernandina Beach Clinic	11	5	45%
Hilliard Clinic	0		
Yulee Clinic	9	8	89%
Okaloosa	176	155	88%
Crestview	63	55	87%
Fort Walton Beach	113	99	88%
Okeechobee	8	6	75%
Orange	2,210	1,901	86%
Apopka	4	2	50%
Central Clinic	800	656	82%
Eastside Clinic	267	227	85%
Employee Health	0		
Hoffner Family Health Center	0		
Lake Underhill Family Health	0		
Lila Mitchell Health Center	0		
Mercy Drive	4	3	75%
South Orange Avenue	0		
Southside Clinic	911	829	91%
Winter Garden	224	197	88%
Osceola	860	826	96%
Kissimmee	595	571	96%
Poinciana	96	91	95%
St. Cloud	108	106	98%
Stadium Place	61	58	95%
Palm Beach	1,444	982	68%
Belle Glade Health Center	53	45	85%
Community Immunization Service	163	88	54%
Delray Beach Annex	0		
Delray Beach Health Center	220	198	90%
Jupiter Health Center	34	25	74%
Lantana Health Center	499	294	59%
Rams Health Clinic	0		
Riviera Beach H. C. IDC	0		
Riviera Beach H. C. TB/STD	0		
West Palm Beach Health Center	475	328	69%
Pasco	277	249	90%
Dade City Clinic	76	72	95%

**COUNTY HEALTH DEPARTMENT CLIENT† IMMUNIZATION COVERAGE  
LEVELS^ AT 12 MONTHS OF AGE\*, JANUARY 1, 2010  
FLORIDA, BY COUNTY AND SITE**

County	Clients Sampled	3/2/2/2!!	
		Clients**	%
Hudson Clinic	28	19	68%
Land O Lakes Clinic	50	43	86%
New Port Richey Clinic	82	76	93%
Zephyrhills Clinic	41	39	95%
Pinellas	1,005	744	74%
Clearwater Health	245	184	75%
Imm Outreach	14	7	50%
Largo Health Center	133	97	73%
Maternity	0		
Office Of Minority Health	0		
Pinellas Park Health	191	153	80%
St Petersburg Health	344	248	72%
Tarpon Springs Health	78	56	72%
Willa Carson Center	0		
Polk	1,132	781	69%
Auburndale	427	282	66%
Bartow	0		
Haines City	41	27	66%
Hepatitis Unit	0		
Immunizations	4	2	50%
Immunology	1	1	100%
Lake Wales	62	33	53%
Lakeland	597	436	73%
TB	0		
Putnam	113	86	76%
Santa Rosa	329	234	71%
Gulf Breeze Clinic	88	71	81%
Jay Clinic	1	1	100%
Milton Clinic	240	163	68%
Sarasota	1,086	934	86%
Employee Health Services	0		
HSC	329	303	92%
Mobile Medical Unit	0		
North Port Clinic	62	53	85%
Ringling Clinic	365	303	83%
Venice Clinic	330	281	85%
Seminole	389	381	98%
Casselberry	157	155	99%
Sanford	232	225	97%
St Johns	183	159	87%
St Lucie	170	129	76%

**COUNTY HEALTH DEPARTMENT CLIENT<sup>†</sup> IMMUNIZATION COVERAGE  
LEVELS<sup>^</sup> AT 12 MONTHS OF AGE<sup>\*</sup>, JANUARY 1, 2010  
FLORIDA, BY COUNTY AND SITE**

County	Clients Sampled	3/2/2/2!!	
		Clients**	%
Fort Pierce	88	75	85%
Port St. Lucie	82	55	67%
Sumter	77	77	100%
Bushnell	45	45	100%
Wildwood	32	32	100%
Suwannee	90	80	89%
Branford	4	4	100%
Live Oak	86	76	88%
Taylor	16	13	81%
Union	19	16	84%
Volusia	288	262	91%
09 Outreach	1		
Daytona	57	50	88%
Deland	51	44	86%
Deltona	106	96	91%
New Smyrna Beach	73	71	97%
Wakulla	32	24	75%
Walton	230	191	83%
Walton	126	106	84%
Coastal Branch	104	86	83%
Washington	38	27	71%

\*Children in this immunization survey were 24-35 months of age on January 1, 2010.

\*\*Estimated number of children complete for specified immunization series.

<sup>^</sup> Estimates presented as percentages (%) +/- 95% Confidence Interval

<sup>†</sup> Data collected from the Florida State Health Online Tracking System (SHOTS) on January 4, 2010.

!! 3 or more doses of any diphtheria and tetanus toxoids and pertussis vaccines including diphtheria and tetanus toxoids, and any acellular pertussis vaccine (DTaP/DTP/DT), 2 or more doses of any poliovirus vaccine, 2 or more doses of *Haemophilus influenzae* type b (Hib) vaccine, and 2 or more doses of hepatitis B vaccine.