

Mission:

To protect, promote & improve the health of all people in Florida through integrated state, county & community efforts.



Rick Scott
Governor

John H. Armstrong, MD, FACS
State Surgeon General & Secretary

Vision: To be the Healthiest State in the Nation

INTEROFFICE MEMORANDUM

DATE: April 8, 2015

TO: County Health Department Directors/Administrators

FROM: Celeste Philip, MD, MPH
Deputy Secretary for Health *CP*

SUBJECT: Assessment of County Health Department Immunization Coverage Levels in Two-Year-Old Children (2015)

INFORMATION ONLY

In January 2015, the Immunization Section completed an annual immunization assessment of all one- and two-year-old children whose parents rely on a Florida county health department (CHD) as their child's immunization home. The Florida State Health Online Tracking System was the sole source of data collection for this assessment, which consists of all active records of children from 12 to 23 months of age and children from 24 to 35 months of age, respectively, with a common review date of January 1, 2015.

The results are based on recommendations of the Advisory Committee on Immunization Practices, which recommends the following:

- All children from 24 to 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 from 12 to 23 months of age complete the 3:2:2:2 (3 DTaP/DTP/DT, 2 Polio, 2 Hib, and 2 Hep B) immunization series by 12 months of age.

The national coverage goal for two-year-old children is 90 percent; however, the state coverage goal is 95 percent. **All CHDs should keep in mind that the Department's performance measure for the Governor's Balanced Score Card (BSC) is 95 percent.** In addition, the national and state coverage goal for one-year old children is 90 percent.

Enclosure 1 provides statewide and CHD-specific coverage data for the two-year-old children assessed. Of these, 92 percent completed the 4:3:1:3:3:1 series by 24 months of age, a three percent improvement from last year. Of the 67 CHDs, 31, or 46 percent, achieved or exceeded the state coverage goal. Of those, ten attained 100 percent. Ninety-one percent completed the 4:3:1:3:3:1:4 (4:3:1:3:3:1 plus four doses of pneumococcal conjugate) immunization series by 24 months of age.

Enclosure 2 provides statewide and CHD-specific coverage data for the one-year-old children assessed. Of these, 84 percent completed the 3:2:2:2 series by 12 months of age, which is a three percent improvement from last year. Of the 67 CHDs, 17, or 25 percent, achieved or exceeded the state and national coverage goal, three of these attaining 100 percent.

Florida Department of Health

Division of Disease Control and Health Protection
Bureau of Communicable Diseases • Immunization Section
4052 Bald Cypress Way, Bin A-11 • Tallahassee, FL 32399-1719
PHONE: 850/245-4342 • FAX 850/922-4195

www.FloridaHealth.gov

TWITTER: HealthyFLA
FACEBOOK: FLDepartmentofHealth
YOUTUBE: fldoh
FLICKR: HealthyFla
PINTEREST: HealthyFla

Enclosures 3 and 4 provide a break-down of CHDs by immunization site. Enclosure 5 provides statewide and CHD-specific coverage rates for the 4:3:1:3:3:1 series for two-year-old children assessed over the past five years. The highest rate was in 2012 with 95 percent—the lowest was in 2014 with 89 percent.

Enclosure 6 provides the **number** of two-year-old children assessed over the past five years. These data show a 57 percent decrease in the number of children with a CHD immunization home from 2011 to 2015. Despite this decrease, 54 percent of CHDs did not meet the 95 percent state coverage goal.

Children who miss the fourth dose of DTaP/DTP/DT negatively impact statewide efforts to achieve the 95 percent state coverage goal. To consistently achieve the coverage goals of our one- and two-year-old children, it is important for CHDs to focus their efforts and resources in the following key areas:

- Utilize reminder recall tools to identify active clients due for immunization.
- Utilize the immunization internal operating policies, technical assistance guidelines, and the *Immunization Guidelines for Florida Schools, Childcare Facilities and Family Daycare Homes*.
- Assess the impact of recommended interventions on service delivery.
- Utilize clinical and WIC visits to assess immunization status, encourage vaccination compliance and provide appropriate immunizations.

The Immunization Section field staff will continue to provide technical assistance to help identify your specific areas to improve and to recommend strategies to increase your immunization rates. The Quality Improvement (QI)/Clinical team is actively working on a statewide QI project to improve two-year old immunizations rates and to develop additional recommendations to increase coverage rates. The QI/Clinical team continues to perform scheduled monitoring site visits and is available to provide ongoing technical assistance and guidance to CHD staff as needed. These collaborative efforts will help us reach our state coverage goal for 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.

CP/RMG/aw
Enclosures

cc: Kim E. Barnhill, MS, MPH, Deputy Secretary
County Health Systems
Anna M. Likos, MD, MPH, Director
Division of Disease Control & Health Protection
R.S. Whisenhunt, Chief
Bureau of Communicable Diseases
Cassandra G. Pasley, BSN, JD, Director
Children's Medical Services
Donna Coley, MS, CPM, Director
Office of Performance and Quality Improvement
Shannon Hughes, Interim Director
Division of Community Health Promotion
Kris-Tena Albers, CNM, MN, Chief
Bureau of Family Health Services
County Health Department Nursing Directors
Robert M. Griffin, Interim Administrator
Immunization Section
Immunization Section Field Staff

**County Health Department Immunization Client¹
Coverage Levels² at 24 Months of Age, January 1, 2015³
FLORIDA⁴, By County**

County	Total Clients	4:3:1:3:3:1 ⁵		4:3:1:3:3:1:4 ⁶	
		Clients ⁷	%	Clients ⁷	%
Alachua	122	117	96%	117	96%
Baker	23	18	78%	18	78%
Bay	49	45	92%	45	92%
Bradford	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸
Brevard	167	165	99%	165	99%
Broward	107	107	100%	104	97%
Calhoun	51	45	88%	45	88%
Charlotte	83	74	89%	74	89%
Citrus	48	48	100%	47	98%
Clay	56	52	93%	52	93%
Collier	352	341	97%	338	96%
Columbia	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸
Dade	418	405	97%	385	92%
Desoto	20	16	80%	16	80%
Dixie	33	29	88%	29	88%
Duval	1,071	964	90%	953	89%
Escambia	230	214	93%	214	93%
Flagler	88	87	99%	87	99%
Franklin	60	58	97%	58	97%
Gadsden	70	68	97%	68	97%
Gilchrist	33	29	88%	29	88%
Glades	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸
Gulf	22	22	100%	22	100%
Hamilton	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸
Hardee	23	23	100%	23	100%
Hendry	60	58	97%	58	97%
Hernando	67	60	90%	60	90%
Highlands	11	11	100%	11	100%
Hillsborough	196	153	78%	149	76%
Holmes	13	13	100%	13	100%
Indian River	211	211	100%	211	100%
Jackson	41	30	73%	30	73%
Jefferson	15	9	60%	9	60%
Lafayette	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸
Lake	136	131	96%	126	93%
Lee	181	127	70%	127	70%
Leon	52	50	96%	49	94%
Levy	24	22	92%	22	92%
Liberty	20	20	100%	20	100%
Madison	34	31	91%	31	91%
Manatee	34	33	97%	33	97%
Marion	113	92	81%	90	80%
Martin	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸

**County Health Department Immunization Client¹
Coverage Levels² at 24 Months of Age, January 1, 2015³
FLORIDA⁴, By County**

County	Total Clients	4:3:1:3:3:1 ⁵		4:3:1:3:3:1:4 ⁶	
		Clients ⁷	%	Clients ⁷	%
Monroe	293	261	89%	261	89%
Nassau	23	18	78%	18	78%
Okaloosa	190	188	99%	186	98%
Okeechobee	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸
Orange	390	371	95%	363	93%
Osceola	421	400	95%	387	92%
Palm Beach	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸
Pasco	99	97	98%	95	96%
Pinellas	122	121	99%	121	99%
Polk	548	515	94%	515	94%
Putnam	20	20	100%	20	100%
Santa Rosa	123	105	85%	105	85%
Sarasota	490	456	93%	451	92%
Seminole	147	126	86%	125	85%
St Johns	32	32	100%	32	100%
St Lucie	77	73	95%	72	94%
Sumter	53	52	98%	52	98%
Suwannee	22	21	95%	21	95%
Taylor	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸
Union	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸
Volusia	119	112	94%	109	92%
Wakulla	16	16	100%	16	100%
Walton	187	159	85%	157	84%
Washington	24	24	100%	24	100%
State Totals⁹	7,730	7,144	92%	7,059	91%

¹ Children with a county health department immunization home.

² Levels presented as percentages +/- 95% Confidence Interval.

³ Children in this immunization survey were 24-35 months of age on January 1, 2015.

⁴ Data collected from the Florida State Health Online Tracking System (SHOTS) on January 2, 2015.

⁵ Four or more doses of any diphtheria and tetanus toxoids and pertussis vaccine (DTaP/DTP/DT); 3 or more doses of any poliovirus vaccine; 1 or more doses of measles, mumps, and rubella (MMR) vaccine; 3 or more doses of *Haemophilus influenzae* type b (Hib) vaccine; 3 or more doses of hepatitis B vaccine; and 1 or more doses of varicella (VZV) vaccine.

⁶ 4:3:1:3:3:1 plus 4 or more doses of pneumococcal conjugate (PCV) vaccine.

⁷ Estimated number of children complete for specified immunization series.

⁸ County specific data (from SHOTS) excluded due to "Number of Clients" being ≤ 10.

⁹ State totals adjusted to exclude counties reporting "Number of Clients" being ≤ 10.

County Health Department Immunization Client¹
 Coverage Levels² at 12 Months of Age, January 1, 2015³
 FLORIDA⁴, By County

County	Total Clients	3:2:2:2 ¹⁰	
		Clients ⁷	%
Alachua	154	120	78%
Baker	27	20	74%
Bay	38	30	79%
Bradford	N/A ⁸	N/A ⁸	N/A ⁸
Brevard	193	185	96%
Broward	171	128	75%
Calhoun	40	33	83%
Charlotte	63	57	90%
Citrus	59	35	59%
Clay	33	30	91%
Collier	292	269	92%
Columbia	N/A ⁸	N/A ⁸	N/A ⁸
Dade	589	442	75%
Desoto	13	11	85%
Dixie	33	30	91%
Duval	922	774	84%
Escambia	195	146	75%
Flagler	76	60	79%
Franklin	65	61	94%
Gadsden	56	47	84%
Gilchrist	38	37	97%
Glades	N/A ⁸	N/A ⁸	N/A ⁸
Gulf	22	18	82%
Hamilton	16	13	81%
Hardee	N/A ⁸	N/A ⁸	N/A ⁸
Hendry	67	52	78%
Hernando	45	37	82%
Highlands	N/A ⁸	N/A ⁸	N/A ⁸
Hillsborough	108	81	75%
Holmes	18	16	89%
Indian River	186	184	99%
Jackson	41	36	88%
Jefferson	N/A ⁸	N/A ⁸	N/A ⁸
Lafayette	N/A ⁸	N/A ⁸	N/A ⁸
Lake	124	110	89%
Lee	132	106	80%
Leon	58	48	83%
Levy	23	20	87%
Liberty	36	36	100%
Madison	18	12	67%
Manatee	34	28	82%
Marion	128	99	77%
Martin	N/A ⁸	N/A ⁸	N/A ⁸

County Health Department Immunization Client¹
Coverage Levels² at 12 Months of Age, January 1, 2015³
FLORIDA⁴, By County

County	Total Clients	3:2:2:2 ¹⁰	
		Clients ⁷	%
Monroe	313	288	92%
Nassau	30	20	67%
Okaloosa	226	183	81%
Okeechobee	N/A ⁸	N/A ⁸	N/A ⁸
Orange	274	249	91%
Osceola	404	335	83%
Palm Beach	N/A ⁸	N/A ⁸	N/A ⁸
Pasco	76	74	97%
Pinellas	119	115	97%
Polk	619	433	70%
Putnam	15	11	73%
Santa Rosa	71	63	89%
Sarasota	565	531	94%
Seminole	150	111	74%
St Johns	21	16	76%
St Lucie	58	53	91%
Sumter	20	20	100%
Suwannee	11	11	100%
Taylor	14	9	64%
Union	16	13	81%
Volusia	135	112	83%
Wakulla	25	22	88%
Walton	214	186	87%
Washington	16	14	88%
State Totals⁹	7,505	6,282	84%

¹ Children with a county health department immunization home.

² Levels presented as percentages +/- 95% Confidence Interval.

³ Children in this immunization survey were 12-23 months of age on January 1, 2015.

⁴ Data collected from the Florida State Health Online Tracking System (SHOTS) on January 2, 2015.

⁷ Estimated number of children complete for specified immunization series.

⁸ County specific data (from SHOTS) excluded due to "Number of Clients" being ≤ 10 .

⁹ State totals (from SHOTS) adjusted to exclude counties reporting "Number Clients" being ≤ 10 .

¹⁰ Three or more doses of any diphtheria and tetanus toxoids and pertussis vaccines (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 Immunization Client¹
Coverage Levels² at 24 Months of Age, January 1, 2015³
FLORIDA⁴, By County and Site¹¹**

County & Site	Total Clients	4:3:1:3:3:1 ⁵		4:3:1:3:3:1:4 ⁶	
		Clients ⁷	%	Clients ⁷	%
Alachua	122	117	96%	117	96%
Alachua/Gainesville	106	101	95%	101	95%
Alachua Clinic	16	16	100%	16	100%
Baker	23	18	78%	18	78%
Bay	49	45	92%	45	92%
Bradford	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸
Brevard	167	165	99%	165	99%
Melbourne	80	80	100%	80	100%
Titusville	38	38	100%	38	100%
Viera	49	48	98%	48	98%
Broward	107	107	100%	104	97%
Ft Lauderdale Imm	3	3	100%	3	100%
Mills	59	59	100%	59	100%
Paul Hughes	45	45	100%	42	93%
Calhoun	51	45	88%	45	88%
Charlotte	83	74	89%	74	89%
Citrus	48	48	100%	47	98%
Crystal River Health Unit	27	27	100%	26	96%
Inverness Health Unit	15	15	100%	15	100%
Lecanto Main Health Unit	6	6	100%	6	100%
Clay	56	52	93%	52	93%
Collier	352	341	97%	338	96%
Immokalee	170	158	93%	158	93%
Naples	182	182	100%	180	99%
Columbia	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸
Dade	418	405	97%	385	92%
Health District Center	228	221	97%	210	92%
Little Haiti Health Center	34	34	100%	33	97%
North Miami Health Center	36	36	100%	36	100%
Refugee Health Center	2	2	100%	1	50%
West Perrine Health Center	118	113	96%	104	88%
Desoto	20	16	80%	16	80%
Dixie	33	29	88%	29	88%
Duval	1071	964	90%	953	89%
BCC Refugee	2	0	0%	0	0%
Beaches Family Health Center	130	116	89%	113	87%
Center For Women And Children	300	270	90%	270	90%
South Jax Family Health Center	154	142	92%	139	90%
The Immunization Center	124	108	87%	107	86%
Wesconnett F.H.C	193	170	88%	166	86%
West Jax Family Health	168	161	96%	161	96%
Escambia	230	214	93%	214	93%
Escambia	175	161	92%	161	92%
Northside Clinic	55	54	98%	53	96%
Flagler	88	87	99%	87	99%
Franklin	60	58	97%	58	97%
Franklin	52	50	96%	50	96%

County Health Department Immunization Client¹
 Coverage Levels² at 24 Months of Age, January 1, 2015³
 FLORIDA⁴, By County and Site¹¹

County & Site	Total Clients	4:3:1:3:3:1 ⁵		4:3:1:3:3:1:4 ⁶	
		Clients ⁷	%	Clients ⁷	%
Franklin Annex	8	8	100%	8	100%
Gadsden	70	68	97%	68	97%
Gilchrist	33	29	88%	29	88%
Glades	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸
Gulf	22	22	100%	22	100%
Port St Joe Clinic	17	17	100%	17	100%
Wewahitchka Clinic	5	5	100%	5	100%
Hamilton	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸
Hardee	23	23	100%	23	100%
Hendry	60	58	97%	58	97%
Clewiston Clinic	23	21	91%	21	91%
Labelle Clinic	37	37	100%	37	100%
Hernando	67	60	90%	60	90%
Brooksville	17	16	94%	16	94%
Spring Hill	50	44	88%	44	88%
Highlands	11	11	100%	11	100%
Lake Placid	2	2	100%	2	100%
Sebring Clinic	9	9	100%	9	100%
Hillsborough	196	153	78%	149	76%
Holmes	13	13	100%	13	100%
Indian River	211	211	100%	211	100%
Gifford Health Center	210	210	100%	210	100%
Indian River	1	1	100%	1	100%
Jackson	41	30	73%	30	73%
Jefferson	15	9	60%	9	60%
Lafayette	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸
Lake	136	131	96%	126	93%
Clermont	32	32	100%	32	100%
Leesburg	60	55	92%	52	87%
Umatilla	44	43	98%	42	95%
Lee	181	127	70%	127	70%
Michigan Avenue	180	126	70%	124	69%
Pondella Clinic	1	1	100%	1	100%
Leon	52	50	96%	49	94%
Roberts And Stevens	45	43	96%	42	93%
Southside	7	7	100%	7	100%
Levy	24	22	92%	22	92%
Liberty	20	20	100%	20	100%
Madison	34	31	91%	31	91%
Manatee	34	33	97%	33	97%
Marion	113	92	81%	90	80%
Central Pharmacy	6	3	50%	3	50%
Ocala	107	88	82%	87	81%
Martin	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸
Monroe	293	261	89%	261	89%
Marathon	51	50	98%	50	98%
Roosevelt Sands Center	217	191	88%	191	88%

County Health Department Immunization Client¹
 Coverage Levels² at 24 Months of Age, January 1, 2015³
 FLORIDA⁴, By County and Site¹¹

County & Site	Total Clients	4:3:1:3:3:1 ⁵		4:3:1:3:3:1:4 ⁶	
		Clients ⁷	%	Clients ⁷	%
Tavernier	25	21	84%	21	84%
Nassau	23	18	78%	18	78%
Callahan Clinic	4	4	100%	4	100%
Fernandina Beach Clinic	7	5	71%	5	71%
Yulee Clinic	12	9	75%	9	75%
Okaloosa	190	188	99%	186	98%
Crestview	25	25	100%	25	100%
Fort Walton Beach	165	163	99%	162	98%
Okeechobee	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸
Orange	390	371	95%	363	93%
Central Immunizations	367	349	95%	338	92%
Employee Health	3	3	100%	3	100%
Epidemiology	2	2	100%	2	100%
NCF	17	16	94%	16	94%
Preventative	1	1	100%	1	100%
Osceola	421	400	95%	387	92%
Imm Clinic	338	324	96%	314	93%
Poinciana	73	68	93%	64	88%
School Health	3	3	100%	3	100%
Stadium Place	7	6	86%	6	86%
Palm Beach	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸
Pasco	99	97	98%	95	96%
Dade City	27	27	100%	25	93%
Hudson Clinic	1	1	100%	1	100%
Land O Lakes Clinic	16	16	100%	16	100%
NPR	37	35	95%	35	95%
Zephyrhills Clinic	18	18	100%	18	100%
Pinellas	122	121	99%	121	99%
Clearwater Health	31	31	100%	31	100%
Midcounty Health	32	32	100%	32	100%
Pinellas Park Health	24	24	100%	24	100%
St Petersburg Health	22	21	95%	21	95%
Tarpon Springs Health	13	13	100%	13	100%
Polk	548	515	94%	515	94%
Auburndale	195	185	95%	183	94%
Haines City	50	44	88%	44	88%
Lake Wales	18	16	89%	16	89%
Lakeland	285	271	95%	271	95%
Putnam	20	20	100%	20	100%
Santa Rosa	123	105	85%	105	85%
Milton Clinic	90	74	82%	74	82%
Gulf Breeze	33	30	91%	30	91%
Sarasota	490	456	93%	451	92%
Childrens Health	196	186	95%	186	95%
North Port Clinic	122	115	94%	113	93%
Ringling Clinic	172	155	90%	150	87%
Seminole	147	126	86%	125	85%

County Health Department Immunization Client¹
 Coverage Levels² at 24 Months of Age, January 1, 2015³
 FLORIDA⁴, By County and Site¹¹

County & Site	Total Clients	4:3:1:3:3:1 ⁵		4:3:1:3:3:1:4 ⁶	
		Clients ⁷	%	Clients ⁷	%
Refugee Health	1	0	0%	0	0%
Sanford	146	126	86%	126	86%
St Johns	32	32	100%	32	100%
St Lucie	77	73	95%	72	94%
Sumter	53	52	98%	52	98%
Bushnell	28	28	100%	28	100%
Wildwood	25	24	96%	24	96%
Suwannee	22	21	95%	21	95%
Taylor	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸
Union	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸
Volusia	119	112	94%	109	92%
Daytona Beach	51	47	92%	45	88%
Deland	6	6	100%	6	100%
Deltona	48	46	96%	45	94%
New Smyrna Beach	14	13	93%	13	93%
Wakulla	16	16	100%	16	100%
Walton	187	159	85%	157	84%
Coastal Branch	82	74	90%	74	90%
Walton CHD	105	85	81%	84	80%
Washington	24	24	100%	24	100%

¹ Children with a county health department immunization home.

² Levels presented as percentages +/- 95% Confidence Interval.

³ Children in this immunization survey were 24-35 months of age on January 1, 2015.

⁴ Data collected from the Florida State Health Online Tracking System (SHOTS) on January 2, 2015.

⁵ Four or more doses of any diphtheria and tetanus toxoids and pertussis vaccine (DTaP/DTP/DT); 3 or more doses of any poliovirus vaccine; 1 or more doses of measles, mumps, and rubella (MMR) vaccine; 3 or more doses of *Haemophilus influenzae* type b (Hib) vaccine; 3 or more doses of hepatitis B vaccine, and 1 or more doses of varicella (VZV) vaccine.

⁶ 4:3:1:3:3:1 plus 4 or more doses of pneumococcal conjugate (PCV) vaccine.

⁷ Estimated number of children complete for specified immunization series.

⁸ County specific data (from SHOTS) excluded due to "Number of Clients" being ≤ 10.

¹¹ Sites with no clients were removed from this report.

County Health Department Immunization Client¹
Coverage Levels² at 12 Months of Age, January 1, 2015³
FLORIDA⁴, By County and Site¹¹

County & Site	Total Clients	3:2:2:2 ¹⁰	
		Clients ⁷	%
Alachua	154	120	78%
Alachua Clinic	16	14	88%
Gainesville	138	106	77%
Baker	27	20	74%
Bay	38	30	79%
Bradford	N/A ⁸	N/A ⁸	N/A ⁸
Brevard	193	185	96%
Melbourne	92	87	95%
Titusville	43	42	98%
Viera	58	57	98%
Broward	171	128	75%
Mills	109	86	79%
Paul Hughes Health Center	61	43	70%
Refugee Clinic	1	0	0%
Calhoun	40	33	83%
Charlotte	63	57	90%
Citrus	59	35	59%
Crystal River Health Unit	27	17	63%
Inverness Health Unit	17	10	59%
Lecanto Main Health Unit	15	8	53%
Clay	33	30	91%
Collier	292	269	92%
Immokalee	142	121	85%
Naples	150	147	98%
Columbia	N/A ⁸	N/A ⁸	N/A ⁸
Dade	589	442	75%
Health District Center	306	242	79%
Little Haiti Health Center	45	36	80%
North Miami Health Center	54	34	63%
Refugee Health Center	18	5	28%
West Perrine Health Center	166	128	77%
Desoto	13	11	85%
Dixie	33	30	91%
Duval	922	774	84%
Agape Community Health Center	1	1	100%
BCC Refugee	4	1	25%
Beaches Family Health Center	137	121	88%
Center For Women And Children	299	254	85%
South Jax Family Health Center	124	117	94%
The Immunization Center	114	79	69%
Wesconnett F.H.C	150	128	85%
West Jax Family Health	93	78	84%
Escambia	195	146	75%
Escambia CHD	148	108	73%
Northside Clinic	47	38	81%

County Health Department Immunization Client¹
 Coverage Levels² at 12 Months of Age, January 1, 2015³
 FLORIDA⁴, By County and Site¹¹

County & Site	Total Clients	3:2:2:2 ¹⁰	
		Clients ⁷	%
Flagler	76	60	79%
Franklin	65	61	94%
Franklin	59	56	95%
Franklin Annex	6	5	83%
Gadsden	56	47	84%
Gilchrist	38	37	97%
Glades	N/A ⁸	N/A ⁸	N/A ⁸
Gulf	22	18	82%
Port St. Joe Clinic	18	15	83%
Wewahitchka Clinic	4	3	75%
Hamilton	16	13	81%
Hardee	N/A ⁸	N/A ⁸	N/A ⁸
Hendry	67	52	78%
Clewiston Clinic	24	17	71%
Labelle Clinic	43	35	81%
Hernando	45	37	82%
Brooksville	10	8	80%
Spring Hill	35	29	83%
Highlands	N/A ⁸	N/A ⁸	N/A ⁸
Lake Placid	1	1	100%
Sebring Clinic	5	5	100%
Hillsborough	108	81	75%
Holmes	18	16	89%
Indian River	186	184	99%
Gifford Health Center	183	181	99%
Indian River CHD	3	3	100%
Jackson	41	36	88%
Jefferson	N/A ⁸	N/A ⁸	N/A ⁸
Lafayette	N/A ⁸	N/A ⁸	N/A ⁸
Lake	124	110	89%
Clermont	22	21	95%
Leesburg	46	41	89%
Umatilla	56	48	86%
Lee	132	106	80%
Leon	58	48	83%
Pharmacy	1	0	0%
Roberts And Stevens	55	47	85%
Southside	2	1	50%
Levy	23	20	87%
Liberty	36	36	100%
Madison	18	12	67%
Manatee	34	28	82%
Marion	128	99	77%
Central Pharmacy	19	17	89%
Ocala	109	82	75%

County Health Department Immunization Client¹
 Coverage Levels² at 12 Months of Age, January 1, 2015³
 FLORIDA⁴, By County and Site¹¹

County & Site	Total Clients	3:2:2:2 ¹⁰	
		Clients ⁷	%
Martin	N/A ⁸	N/A ⁸	N/A ⁸
Monroe	313	288	92%
Gato	1	1	100%
Roosevelt Sands Center	224	208	93%
Ruth Ivins Center - Marathon	69	62	90%
Tavernier	19	17	89%
Nassau	30	20	67%
Callahan Clinic	8	6	75%
Fernandina Beach Clinic	10	6	60%
Yulee Clinic	12	8	67%
Okaloosa	226	183	81%
Crestview	35	24	69%
Fort Walton Beach	191	159	83%
Okeechobee	N/A ⁸	N/A ⁸	N/A ⁸
Orange	274	249	91%
Central Immunizations	260	234	90%
Employee Health	2	2	100%
NCF	12	12	100%
Osceola	404	335	83%
Imm Clinic	320	266	83%
Poinciana	81	65	80%
Stadium Place	3	2	67%
Palm Beach	N/A ⁸	N/A ⁸	N/A ⁸
Pasco	76	74	97%
Dade City	17	16	94%
Land O Lakes Clinic	18	17	94%
NPR	25	25	100%
Zephyrhills Clinic	16	16	100%
Pinellas	119	115	97%
Clearwater Health	31	31	100%
Midcounty Health Center	37	35	95%
Pinellas Park Health	20	18	90%
St Petersburg Health	23	23	100%
Tarpon Springs Health	8	8	100%
Polk	619	433	70%
Auburndale	203	142	70%
Haines City	65	36	55%
Hr Ob Clinic	1	1	100%
Immunizations	2	0	0%
Immunology Lakeland	1	0	0%
Lake Wales	50	37	74%
Lakeland	297	220	74%
Putnam	15	11	73%
Santa Rosa	71	63	89%
Gulf Breeze	10	9	90%

County Health Department Immunization Client¹
Coverage Levels² at 12 Months of Age, January 1, 2015³
FLORIDA⁴, By County and Site¹¹

County & Site	Total Clients	3:2:2:2 ¹⁰	
		Clients ⁷	%
Milton Clinic	61	54	89%
Sarasota	565	531	94%
Childrens Health	168	161	96%
North Port Clinic	147	138	94%
Ringling Clinic	250	230	92%
Seminole	150	111	74%
Prenatal Clinic	2	2	100%
Refugee Health	1	1	100%
Sanford	147	107	73%
St Johns	21	16	76%
St Lucie	58	53	91%
Sumter	20	20	100%
Bushnell	11	11	100%
Wildwood	9	9	100%
Suwannee	11	11	100%
Taylor	14	9	64%
Union	16	13	81%
Volusia	135	112	83%
Daytona Beach	39	33	85%
Deland	14	12	86%
Deltona	59	45	76%
New Smyrna Beach	23	22	96%
Wakulla	25	22	88%
Walton	214	186	87%
Coastal Branch	105	89	85%
Walton CHD	109	97	89%
Washington	16	14	88%

¹ Children with a county health department immunization home.

² Levels presented as percentages +/- 95% Confidence Interval.

³ Children in this immunization survey were 12-23 months of age on January 1, 2015.

⁴ Data collected from the Florida State Health Online Tracking System (SHOTS) on January 2, 2015.

⁷ Estimated number of children complete for specified immunization series.

⁸ County specific data (from SHOTS) excluded (N/A) due to "Number of Clients" being ≤ 10 .

¹⁰ Three or more doses of any diphtheria and tetanus toxoids and pertussis vaccines (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.

¹¹ Sites with no clients were removed from this report.

**County Health Department Immunization Clients'
Coverage Levels² at 24 Months of Age³
FLORIDA⁴, By County, 2011–2015**

4:3:1:3:3:1⁵					
CHD	2011	2012	2013	2014	2015
Alachua	96%	96%	93%	91%	96%
Baker	71%	81%	81%	94%	78%
Bay	97%	94%	74%	74%	92%
Bradford	90%	N/A ⁸	N/A ⁸	100%	N/A ⁸
Brevard	99%	99%	95%	98%	99%
Broward	N/A ⁸	N/A ⁸	N/A ⁸	53%	100%
Calhoun	88%	71%	84%	95%	88%
Charlotte	95%	91%	94%	77%	89%
Citrus	99%	92%	95%	96%	100%
Clay	82%	89%	93%	88%	93%
Collier	88%	97%	95%	95%	97%
Columbia	N/A ⁸	N/A ⁸	N/A ⁸	61%	N/A ⁸
Dade	98%	97%	98%	97%	97%
Desoto	84%	87%	86%	67%	80%
Dixie	91%	98%	94%	85%	88%
Duval	88%	92%	90%	90%	90%
Escambia	98%	95%	98%	97%	93%
Flagler	100%	96%	100%	98%	99%
Franklin	79%	100%	100%	100%	97%
Gadsden	89%	100%	99%	80%	97%
Gilchrist	86%	98%	94%	93%	88%
Glades	73%	86%	94%	75%	N/A ⁸
Gulf	86%	86%	100%	91%	100%
Hamilton	94%	87%	100%	82%	N/A ⁸
Hardee	98%	97%	99%	93%	100%
Hendry	85%	93%	91%	85%	97%
Hernando	96%	98%	95%	95%	90%
Highlands	98%	97%	100%	100%	100%
Hillsborough	100%	100%	100%	83%	78%
Holmes	97%	95%	91%	81%	100%
Indian River	100%	100%	100%	100%	100%
Jackson	84%	83%	80%	82%	73%
Jefferson	96%	92%	94%	88%	60%
Lafayette	N/A ⁸	N/A ⁸	N/A ⁸	83%	N/A ⁸
Lake	97%	96%	96%	97%	96%
Lee	93%	91%	88%	86%	70%
Leon	95%	100%	98%	96%	96%
Levy	100%	97%	92%	90%	92%
Liberty	80%	79%	96%	88%	100%
Madison	84%	85%	76%	88%	91%
Manatee	100%	100%	76%	100%	97%
Marion	94%	91%	89%	88%	81%
Martin	84%	86%	88%	93%	N/A ⁸

**County Health Department Immunization Clients¹
Coverage Levels² at 24 Months of Age³
FLORIDA⁴, By County, 2011–2015**

4:3:1:3:3:1⁵					
CHD	2011	2012	2013	2014	2015
Monroe	82%	88%	90%	92%	89%
Nassau	94%	62%	N/A ⁸	100%	78%
Okaloosa	98%	97%	98%	97%	99%
Okeechobee	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸
Orange	88%	88%	94%	91%	95%
Osceola	99%	99%	99%	93%	95%
Palm Beach	90%	86%	90%	83%	N/A ⁸
Pasco	98%	74%	98%	99%	98%
Pinellas	92%	98%	100%	99%	99%
Polk	92%	96%	83%	91%	94%
Putnam	93%	100%	90%	77%	100%
Santa Rosa	96%	93%	94%	81%	85%
Sarasota	99%	97%	92%	91%	93%
Seminole	99%	100%	99%	100%	86%
St Johns	99%	82%	94%	79%	100%
St Lucie	92%	97%	95%	92%	95%
Sumter	100%	98%	71%	97%	98%
Suwannee	100%	100%	98%	95%	95%
Taylor	100%	N/A ⁸	N/A ⁸	31%	N/A ⁸
Union	87%	N/A ⁸	100%	N/A ⁸	N/A ⁸
Volusia	97%	97%	97%	94%	94%
Wakulla	100%	100%	100%	100%	100%
Walton	86%	87%	89%	86%	85%
Washington	100%	N/A ⁸	100%	100%	100%
State Totals⁹	94%	95%	93%	89%	92%

¹ Children with a county health department (CHD) immunization home.

² Levels presented as percentages +/- 95% Confidence Interval.

³ Children were 24-35 months of age on January 1 of each year indicated.

⁴ Data collected from the Florida State Health Online Tracking System (SHOTS).

⁵ Four or more doses of any diphtheria and tetanus toxoids and pertussis vaccine (DTaP/DTP/DT); 3 or more doses of any poliovirus vaccine; 1 or more doses of measles, mumps, and rubella (MMR) vaccine; 3 or more doses of *Haemophilus influenzae* type b (Hib) vaccine; 3 or more doses of hepatitis B vaccine; and 1 or more doses of varicella (VZV) vaccine.

⁸ County specific data (from SHOTS) excluded (N/A) due to "Total Clients Sampled" being ≤ 10.

⁹ State totals adjusted to exclude counties reporting "Clients Sampled" being ≤ 10.

County Health Department Immunization Clients¹
 24 - 35 Months of Age³
 FLORIDA⁴, By County, 2011–2015

CHD	2011	2012	2013	2014	2015
Alachua	269	212	163	143	122
Baker	63	68	58	52	23
Bay	168	90	95	104	49
Bradford	21	N/A ⁸	N/A ⁸	11	N/A ⁸
Brevard	305	284	206	164	167
Broward	N/A ⁸	N/A ⁸	N/A ⁸	223	107
Calhoun	26	24	31	59	51
Charlotte	275	230	182	146	83
Citrus	97	62	59	54	48
Clay	39	37	45	51	56
Collier	498	345	379	361	352
Columbia	N/A ⁸	N/A ⁸	N/A ⁸	18	N/A ⁸
Dade	480	517	450	504	418
Desoto	80	23	21	27	20
Dixie	67	40	31	40	33
Duval	1,324	1,376	1,222	1,247	1,071
Escambia	802	816	689	387	230
Flagler	143	135	120	96	88
Franklin	33	20	15	37	60
Gadsden	132	72	82	108	70
Gilchrist	58	46	48	29	33
Glades	22	29	18	12	N/A ⁸
Gulf	37	28	25	35	22
Hamilton	33	23	14	17	N/A ⁸
Hardee	115	130	97	61	23
Hendry	117	110	104	88	60
Hernando	134	96	73	78	67
Highlands	60	33	12	22	11
Hillsborough	2,962	2,221	475	415	196
Holmes	58	39	44	31	13
Indian River	329	257	263	249	211
Jackson	58	54	50	50	41
Jefferson	23	26	18	16	15
Lafayette	N/A ⁸	N/A ⁸	N/A ⁸	12	N/A ⁸
Lake	146	136	159	143	136
Lee	384	363	266	184	181
Leon	150	107	110	96	52
Levy	31	32	37	29	24
Liberty	44	34	25	24	20
Madison	105	98	76	68	34
Manatee	88	82	70	56	34
Marion	295	343	391	251	113
Martin	160	125	108	29	N/A ⁸

County Health Department Immunization Clients¹
 24 - 35 Months of Age³
 FLORIDA⁴, By County, 2011–2015

CHD	2011	2012	2013	2014	2015
Monroe	301	311	273	289	293
Nassau	33	13	N/A ⁸	12	23
Okaloosa	154	173	128	98	190
Okeechobee	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸	N/A ⁸
Orange	1,777	965	562	393	390
Osceola	691	657	547	469	421
Palm Beach	522	311	252	197	N/A ⁸
Pasco	224	270	213	137	99
Pinellas	686	543	406	276	122
Polk	941	790	803	679	548
Putnam	82	49	59	52	20
Santa Rosa	202	119	145	154	123
Sarasota	894	932	898	802	490
Seminole	284	248	191	164	147
St Johns	151	68	63	53	32
St Lucie	102	95	94	73	77
Sumter	56	54	58	63	53
Suwannee	57	47	46	39	22
Taylor	14	N/A ⁸	N/A ⁸	13	N/A ⁸
Union	15	N/A ⁸	11	N/A ⁸	N/A ⁸
Volusia	390	415	224	162	119
Wakulla	27	28	22	18	16
Walton	190	193	215	214	187
Washington	22	N/A ⁹	18	17	24
State Totals⁹	18,046	15,044	11,559	10,201	7,730

¹ Children with a county health department (CHD) immunization home.

³ Children were 24-35 months of age on January 1 of each year indicated.

⁴ Data collected from the Florida State Health Online Tracking System (SHOTS).

⁸ County specific data (from SHOTS) excluded (N/A) due to "Total Clients Sampled" being ≤ 10.

⁹ State totals adjusted to exclude counties reporting "Clients Sampled" being ≤ 10.