

EPIGRAM

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Florida
Department of Health
Nassau County
30 South 4th Street

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INFLUENZA SURVEILLANCE ACTIVITY

The Florida Department of Health (FDOH) in Nassau County is currently experiencing **mild** ILI activity. Most counties in Florida have reported mild influenza activity. In week 14 (March 30 – April 5, 2014), 35 counties reported **decreasing** influenza activity; 27 counties indicated activity is at a **plateau**. Because of local influenza activity in some areas of the state, Florida reported **local** influenza activity (Figure 1) to the Centers for Disease Control (CDC) in week 14. This activity level represents the geographic spread of influenza in Florida.

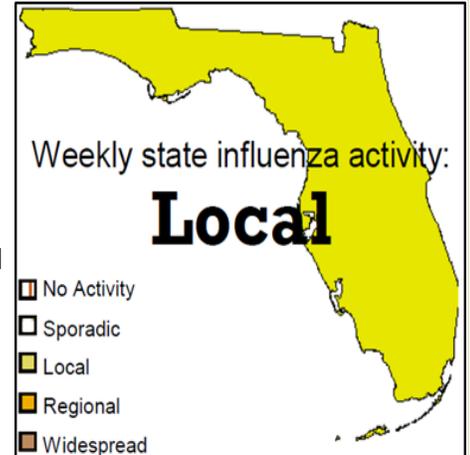


Figure 1. Map of Influenza Activity in Florida for Week 10, 2014, FDOH

State of Florida —

✦ **In Florida, the most common influenza subtype detected in recent weeks has been influenza A 2009 (H1N1).** Nationally (including

Florida), almost all circulating influenza is a good match for the vaccine.

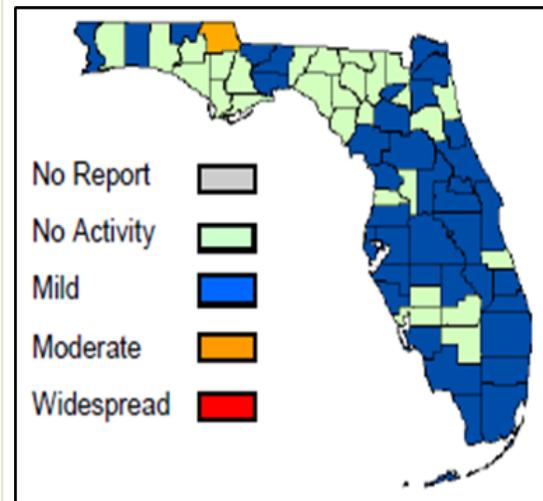


Figure 2. Map of Influenza activity in Florida by county, FDOH

✦ The preliminary estimated number of Florida deaths due to pneumonia or influenza is lower than the seasonal baseline, based on previous years' data.

National —

In week 14, influenza activity continues to **decline** nationally. In certain parts of the country, activity remains **elevated**. The proportion of deaths attributed to pneumonia and influenza (P&I) was below the epidemic threshold.

DISEASE REPORTING

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FLORIDA DEPARTMENT OF HEALTH NASSAU COUNTY
CLINIC SITES

Fernandina Beach Clinic

1620 Nectarine Street
Fernandina Beach, FL 32034
(904) 548-1860

Yulee Clinic

528 Page's Dairy Road
Yulee, FL 32097
(904) 548-1880

Callahan Clinic

208 Mickler Street
Callahan, FL 32011
(904) 879-2306

Hilliard Clinic

37203 Pecan Street
Hilliard, FL 32046
(904) 845-5761



INFLUENZA SURVEILLANCE ACTIVITY (CONTINUED)

National —

Of **5,127** specimens tested and reported during week 14 by U.S. World Health Organization (WHO) and National Respiratory and Enteric Virus Surveillance System (NREVSS) collaborating laboratories, **685 (13.4%)** were **positive** for influenza.

Much of the United States in week 14 is experiencing widespread ILI activity (Brown). Florida has local distribution of ILI activity indicated in **yellow** on the map.

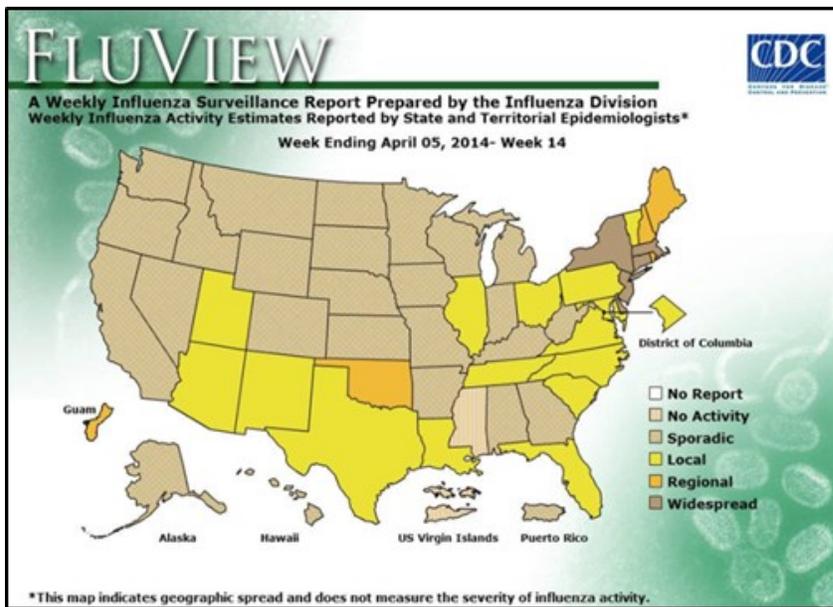


Figure 3. Weekly Influenza Activity Estimates Reported by State and Territorial Epidemiologists. *This map indicates geographic spread and does not measure the severity of influenza activity. [www.cdc.gov/Source: flu/weekly/usmap.htm](http://www.cdc.gov/Source:flu/weekly/usmap.htm)

FLORIDA DEPARTMENT OF HEALTH IN NASSAU COUNTY ADDRESSES COUNTY HEALTH RANKINGS

On March 2, 2014, the 5th annual County Health Rankings & Roadmaps tool was released by University of Wisconsin and Robert Wood Johnson Foundation (<http://www.rwjf.org/en.html>). Florida Department of Health in Nassau County (DOH-Nassau) recognizes the value in measuring health outcomes and acknowledged the annual tool released by the University of Wisconsin and the Robert Wood Johnson Foundation. This study highlights the many community factors that influence health and uses established data, much of which is available from the Department at <http://www.floridacharts.com/charts/default.aspx>

According to Eugenia Ngo-Seidel, MD, MPH, Director, and DOH-Nassau: *Many factors affect the health of a community but together, we can make a difference. The Florida Department of Health in Nassau County appreciates the long partnerships with the many residents, community groups and organizations that work together and constantly strive help to make Nassau County a healthy place to live.*

Nassau County ranked in the top half of the 67 counties in Florida (12th in health factors and 26th in health outcomes). These rankings use data related to physical environments, social and economic factors, health behaviors and clinical care.

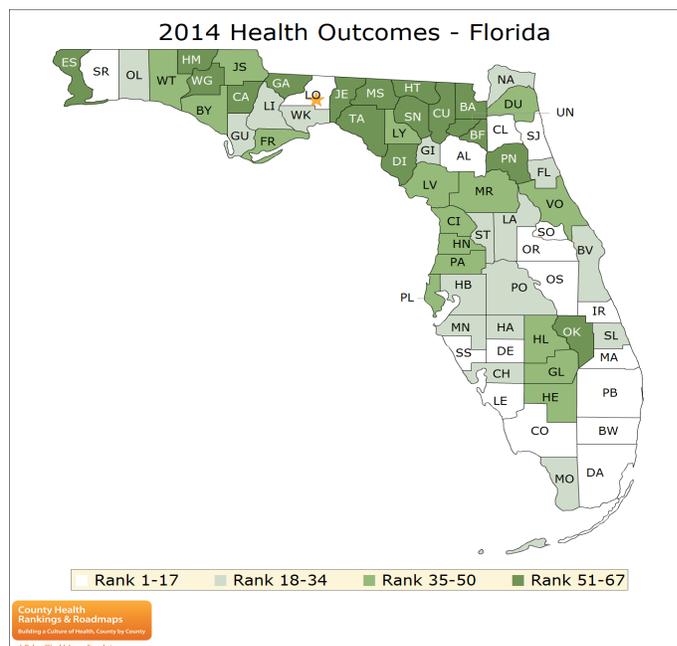


Figure 4. Health outcomes ranking by county <http://www.countyhealthrankings.org/app/florida/2014/downloads>

COUNTY HEALTH RANKINGS REPORT (CONTINUED)

The 2014 results show continued improvement in most areas. The report use data to rank communities related to physical environments, social and economic factors, health behaviors and clinical care. New measures added to the rankings this year show opportunities for improvement in Physical Environment including transportation, air and water quality. Ongoing health professional shortages remain in numbers of primary care physicians, dentists and mental health services.

These rankings are a snapshot of the health of counties across the country and they emphasize that health is not a singular effort but a combined work in progress across all community partners. The Department works in collaboration with local governments, non-profit organizations, health care facilities, business groups, schools, faith-based organizations and many other stakeholders to improve the health of all people in Nassau County. According to the University of Wisconsin and the Robert Wood Johnson Foundation and other community study results, in Nassau County, there are areas where we can improve, such as in health outcomes in maternal child health, access to care and reducing tobacco use.

Existing and new partnerships constitute a significant community strength to find local solutions

- ◆ **To improve maternal child health outcomes**, including low birth weight babies, the DOH-Nassau Healthy Start Program collaborates with many health care providers in the community. According to E. William McGrath, MD, of North Florida OB-GYN: *Our obstetrics practice partners with the DOH-Nassau County Healthy Start program to assure mothers have a healthy pregnancy and have healthy babies. This comprehensive approach to care during a women's pregnancy helps lower premature birth and improves maternal and infant health outcomes.*
- ◆ **To improve access to health care services**, the DOH-Nassau supports community efforts, such as the non-profit Barnabas Center, to provide health care for persons with limited or no access to health care. According to Wanda Lanier, Executive Director of Barnabas Center: *Barnabas Center strongly supports community collaboration to improve the health of our community. This includes improving access to care with the support of partnerships with the health department, other community agencies, faith-based groups, volunteers and the private healthcare sector.*
- ◆ **To reduce tobacco use and its health effects**, the DOH-Nassau Tobacco Prevention program is a member of the county's Tobacco-Free Partnership. According to Sheryl Gerhardt, RN, MS, CTTS, Baptist Medical Center – Nassau, and Vice-Chair, Tobacco Free Nassau Partnership: *Our organization is pleased to partner with the health department and other community groups to help Nassau County reduce the health effects of tobacco and to become tobacco free.*

Additional resources for county health measures:

The **Nassau County Community Health Improvement Plan (CHIP)** is a recently published plan in 2013 that is designed to address specific opportunities for improved health that have been identified by the community. The Nassau County CHIP may be located online at <http://www.floridahealth.gov/CHD/Nassau/content/nassau-chip.pdf>

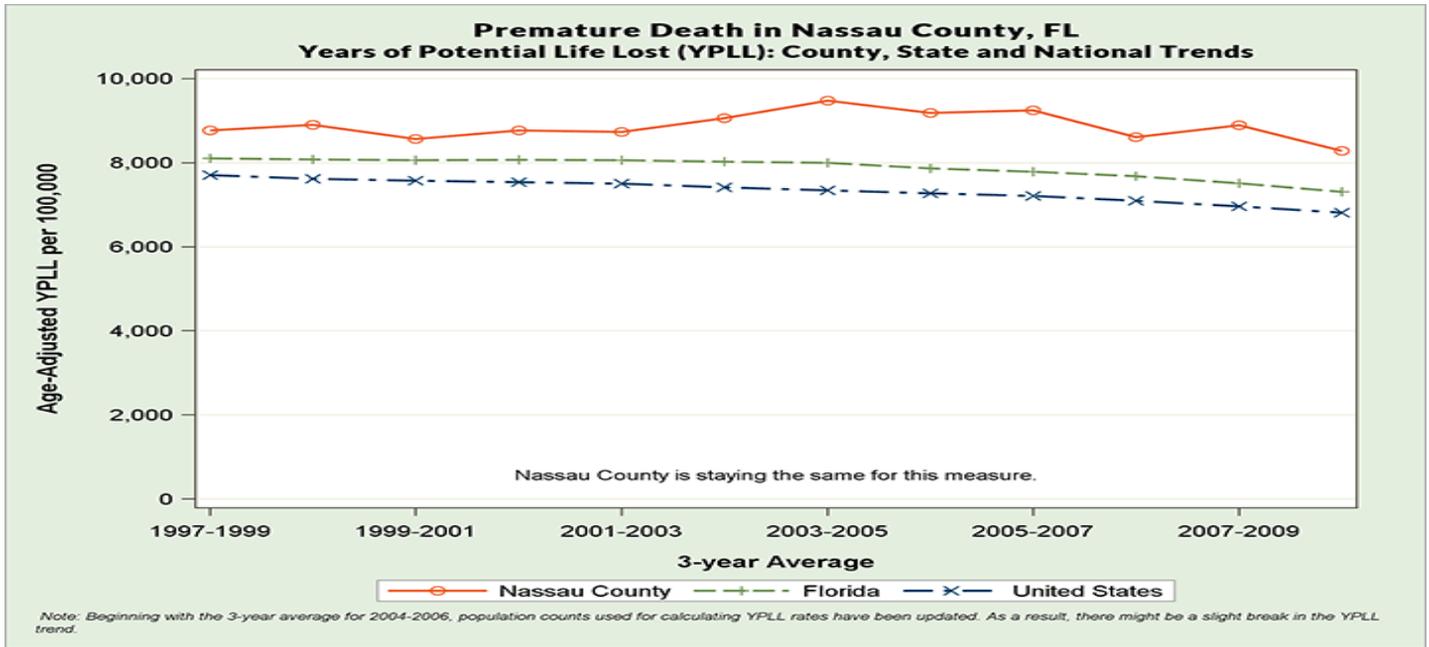
Local and regional health measures can also be accessed at the **Northeast Florida Counts dashboard** at <http://www.nefloridacounts.org/>. The full Robert Wood Johnson/University of Wisconsin County Health Rankings 2014 Report can be found at <http://www.countyhealthrankings.org/>

COUNTY HEALTH RANKINGS REPORT (CONTINUED)

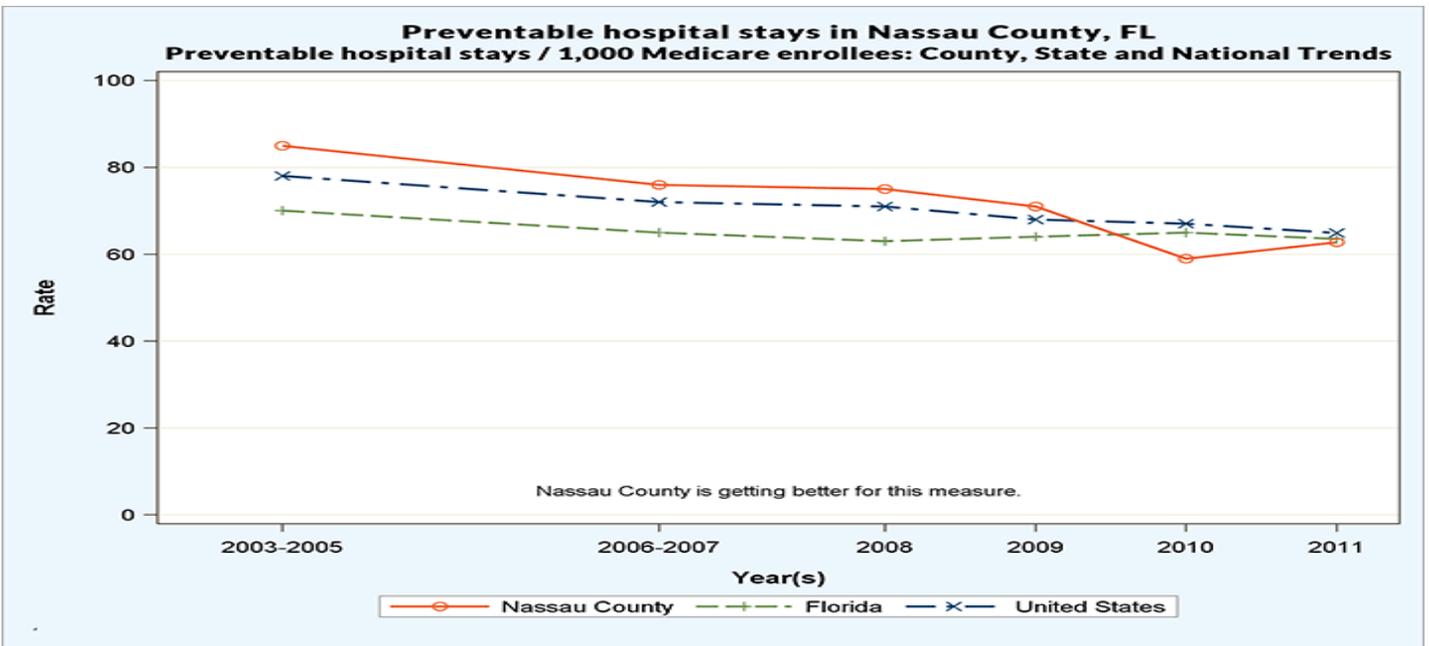
SELECTED HEALTH TRENDS

Source: <http://www.countyhealthrankings.org/app/florida/2014/rankings/>

Nassau Premature Death rates (all causes) exceed state and national trends. Improving healthy behaviors and access to care are factors that can contribute to reversing this adverse health trend. Figure 5



Nassau preventable hospital stays are below state and national trends. Preventive health care and avoiding unnecessary length of hospital stays contribute to reducing unnecessary hospitalizations. This is a positive health trend in Nassau. Figure 6



FDOH- NASSAU HEALTH BULLETINS, ADVISORIES AND ALERTS ISSUED

- ◆ **Bulletin:** March 24, 2014, *Florida Department of Health in Nassau County Addresses County Health Rankings* (media release)
- ◆ **Health Alerts/Advisories:** None.

Disease Name	Selection Date		Compare Date 1		Compare Date 2		Compare Date 3	
	Cases	Rates*	Cases	Rates*	Cases	Rates	Cases	Rates
	03/01/2014 - 03/31/2014		03/01/2013 - 03/31/2013		03/01/2012 - 03/31/2012		03/01/2011 - 03/31/2011	
County: NASSAU								
Campylobacteriosis	1	1.29	0	0.00	0	0.00	0	0.00
Carbon Monoxide Poisoning	1	1.29	0	0.00	0	0.00	0	0.00
ESCHERICHIA COLI, SHIGA TOXIN-PRODUCING(STEC) INFECTION	0	0.00	0	0.00	1	1.34	0	0.00
Haemophilus influenzae Invasive Disease	0	0.00	0	0.00	0	0.00	2	2.71
HEPATITIS B, ACUTE	0	0.00	1	1.32	0	0.00	0	0.00
HEPATITIS B, CHRONIC	2	2.59	0	0.00	0	0.00	1	1.35
HEPATITIS C, ACUTE	1	1.29	0	0.00	0	0.00	0	0.00
HEPATITIS C, CHRONIC	7	9.06	9	11.89	5	6.71	7	9.48
LEAD POISONING	1	1.29	0	0.00	0	0.00	0	0.00
Pertussis	0	0.00	0	0.00	3	4.03	2	2.71
Rabies, Possible Exposure	0	0.00	1	1.32	0	0.00	1	1.35
Salmonellosis	0	0.00	1	1.32	0	0.00	0	0.00
STREP PNEUMONIAE INVASIVE DISEASE, DRUG-RESISTANT	0	0.00	2	2.64	0	0.00	2	2.71
Varicella (Chickenpox)	0	0.00	4	5.29	0	0.00	1	1.35
Total:	13	16.81	18	23.78	9	12.08	16	21.67
STATEWIDE TOTAL								
Campylobacteriosis	234	1.20	156	0.81	164	0.86	165	0.87
Carbon Monoxide Poisoning	13	0.07	41	0.21	7	0.04	5	0.03
HEPATITIS B, ACUTE	30	0.15	19	0.10	20	0.11	20	0.11
HEPATITIS B, CHRONIC	423	2.17	416	2.16	256	1.34	251	1.33
HEPATITIS C, ACUTE	19	0.10	18	0.09	11	0.06	9	0.05
HEPATITIS C, CHRONIC	2,172	11.16	1,805	9.39	1,318	6.92	1,870	9.88
LEAD POISONING	128	0.66	46	0.24	192	1.01	43	0.23
Pertussis	72	0.37	32	0.17	28	0.15	35	0.19
Rabies, Possible Exposure	202	1.04	221	1.15	202	1.06	184	0.97
Salmonellosis	239	1.23	260	1.35	282	1.48	217	1.15
STREP PNEUMONIAE INVASIVE DISEASE, DRUG-RESISTANT	67	0.34	66	0.34	48	0.25	90	0.48
Varicella (Chickenpox)	50	0.26	85	0.44	139	0.73	93	0.49
Total:	3,649	18.75	3,165	16.45	2,667	14.01	2,982	15.78

Table 1. Source: Merlin, FDOH, Bureau of Epidemiology, 03.14.14