

# No FluMist Impact on *Control Flu* - Alachua County's School-located Influenza Vaccination Program

Dr. Kathleen Ryan | Clinical Associate Professor, Infectious Diseases  
Department of Pediatrics; Emerging Pathogens Institute  
University of Florida



## Flu fight begins in schools

Free vaccination campaign kicks off to guard against seasonal flu in area schools.



By Christopher Curry  
Staff writer

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## Program Overview

1. LAIV Free of Charge - Headstart, Pre K -12<sup>th</sup> graders in Alachua County Schools
2. Public, Private and Charter schools
3. IIV given in medical home
4. Goal to immunize 70% of students
5. August – December
  - Consent forms sent home
  - Back to school & community events
  - *School Immunization Clinics*



## Support for program is strong

1. 27 community partner organizations & many volunteers
2. Pediatricians strongly supportive of program
3. Telephone Surveys of Parents:
  - Liked it because it was convenient (at school) & no-cost
  - Over 90% would participate again
  - Parent comments:
    - *“Provided to families without health care insurance”*
    - *“Provides access to vaccination for parents who might not normally be able to bring kids to doctor to get immunized”*





**Program Staffing**

- Nursing Student Education**
- Program Coordinator/ APC
  - Student volunteers
  - Medical Reserve Corps

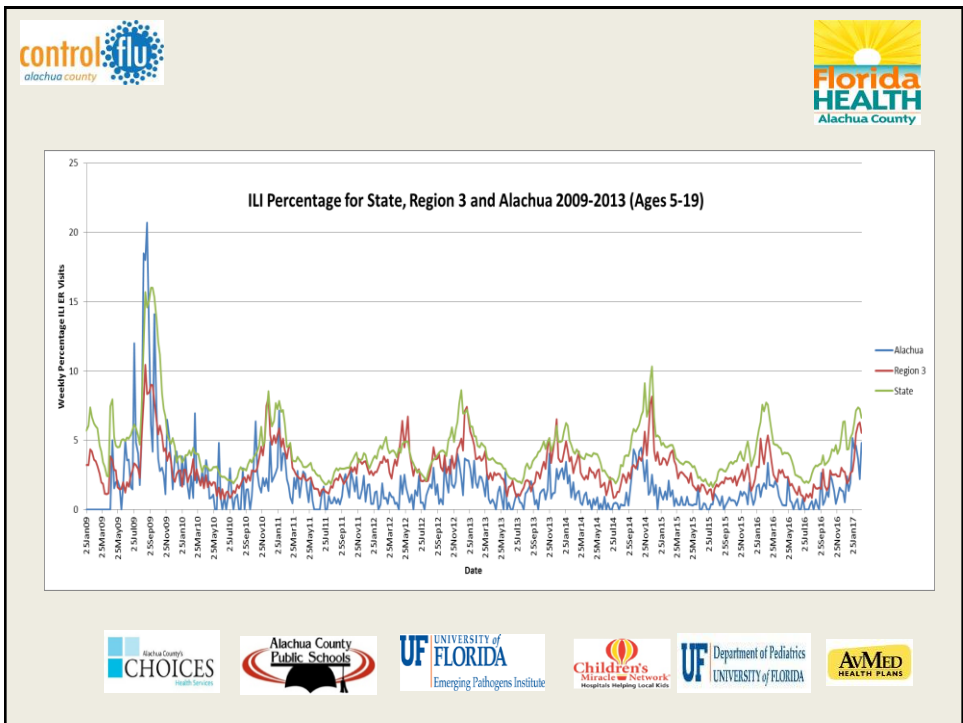
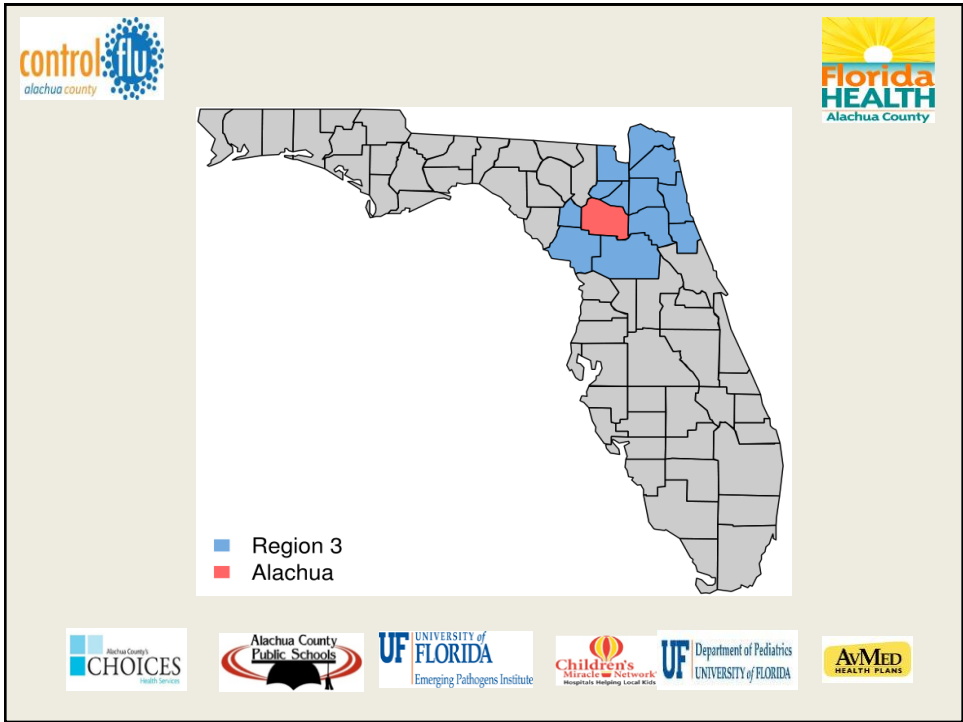


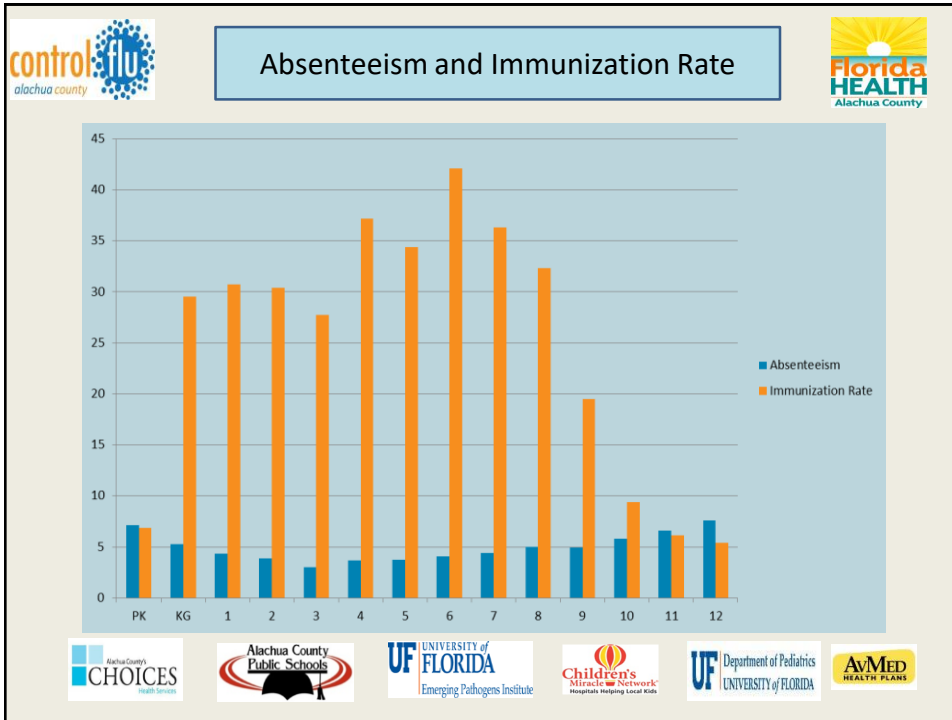
**Program History:  
Completed 9th Year of Operation**



- 2006/2007 Pilot Year
- 2009/2010
- 2010/2011
- 2011/2012
- 2012/2013
- 2013/2014
- 2014/2015
- 2015/2016
- 2016/2017 Flu Shot







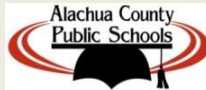
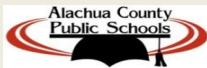
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- CDC ACIP Recommendation Change  
LAIV should not be used**
- Commitment to protect community from Flu
  - Approval from Public School Superintendent
  - Order and obtain IIV
  - Reorganize Program
  - Communicate with local providers
  - Communicate with schools and school nurses



## 2016-2017 Program



- New Information Campaign
- Requirement for Pre K-2<sup>nd</sup> grade students to have a parent present – Public schools
- Additional staffing
- Additional supplies
- School clinic times
- Parents offered vaccine



### REMINDER!!

#### Flu shots are coming to your child's school!

Children in Pre-K to 2<sup>nd</sup> grade must have a parent or guardian present for vaccination. Check with your school for the schedule, some schools are offering after-school clinics!

Parents, you may also get the flu shot while you are here! Consent forms will be at the clinic. Please bring your health insurance information, and if you do not have health insurance, the cost is \$25.

We will not restrain any child; however, we will stabilize the child's arm. Children who resist will not get vaccinated.

Children who do get the flu shot will receive a sticker and a glow-in-the-dark wristband.

Turn Over →

#### Does the flu shot have any mercury (thimerosal preservative) in it?

NO! Our flu shots are single-dose which means there is no mercury (thimerosal preservative) in them.

#### What if my child starts crying?

We will do our best to comfort your child. We will NOT restrain your child, nor will we force any child to receive the shot. We will only stabilize the arm for safe administration.

#### My child is in 3<sup>rd</sup>-5<sup>th</sup> grade, can I come for support?

Yes! Please check with your school for the clinic schedule.

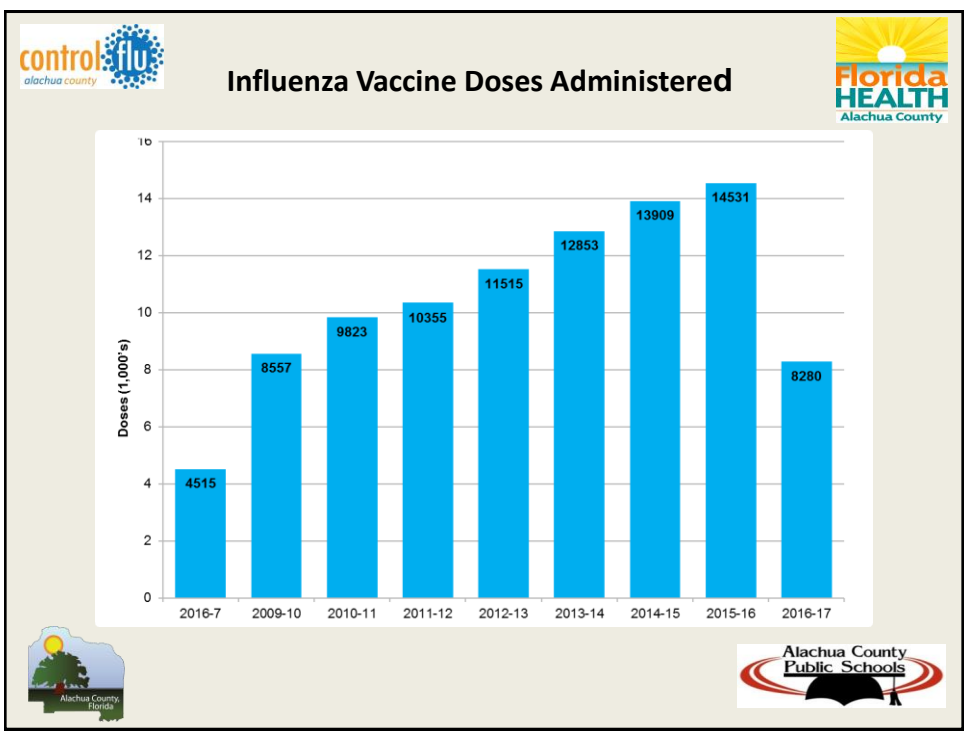
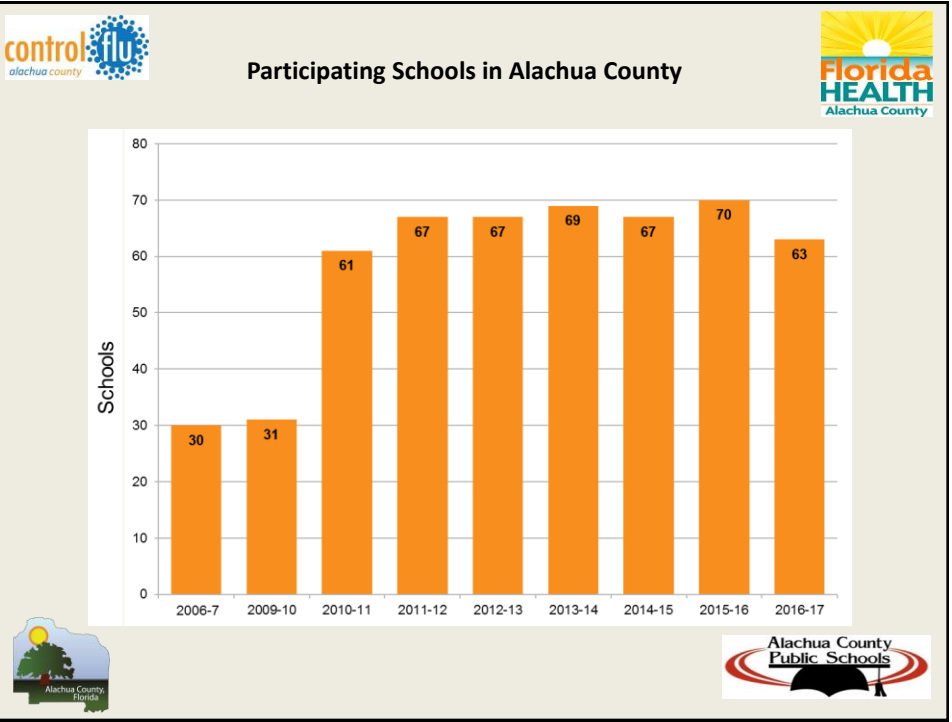
#### Can I get a flu shot with my child?

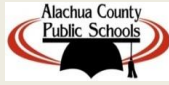
Yes, parents can also get vaccinated! Consent forms will be at the school and we will bill your health insurance. It is \$25 without health insurance.

#### How will the clinic run in Elementary schools?

Clinics will start later in the school day and some will go after school to accommodate student and parent schedules.

*Clinics will run as normal at Middle & High Schools*





## Control Flu Immunization Rates

Year	06/07*	09/10	10/11	11/12	12/13	13/14	14/15	15/16	16/17
Elem	27%	50%	48%	45%	51%	49%	59%	49%	24%
Mid	24%	34%	36%	41%	39%	43%	45%	44%	32%
High	----	----	16%	17%	23%	27%	24%	31%	23%

\* Pilot Program



## Overall Decline in Vaccination Rate, 2016-2017

Public elementary schools	51%
Private/charter schools	24%
Publicly insured children	51%
Privately insured children	29%



## Control Flu Consent Form Return Rate

Year	13/14	14/15	15/16	16/17
Elem. school	83%	86%	76%	<b>64%</b>
Middle school	69%	79%	74%	<b>56%</b>
High school	50%	54%	47%	<b>39%</b>



## 2016-2017 Season Lessons

- Consent form review simpler
- Communication essential
- School clinics longer
- More staff per student
- Distractions key to success at all ages





## 2016-2017 Season Lessons



- School staff and students more anxious
- School staff and students pleased overall
- Incentives helpful



## 2016 -2017 Season Impact



- 40% Overall decline in vaccination rate
- Elementary schools highest impact
- Higher impact on publicly insured students
- More school disruption
- Higher cost per clinic
- Input from other programs



## Maryland Program Statewide

Year	Number of Schools	Number Vaccinated
2016-2017	331	28,344 No FluMist
2015-2016	570	58,672 FluMist delay
2014-2015	680	96,012
2013-2014	637	84,192
2012-2013	713	87,895

70 % Decline

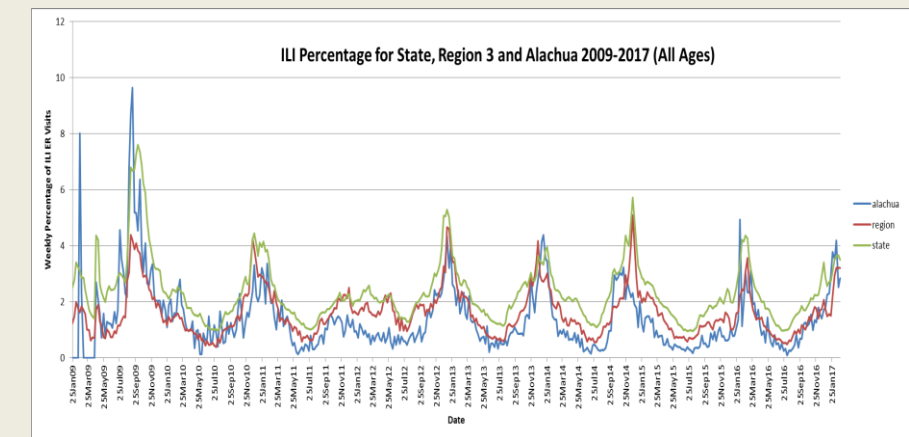
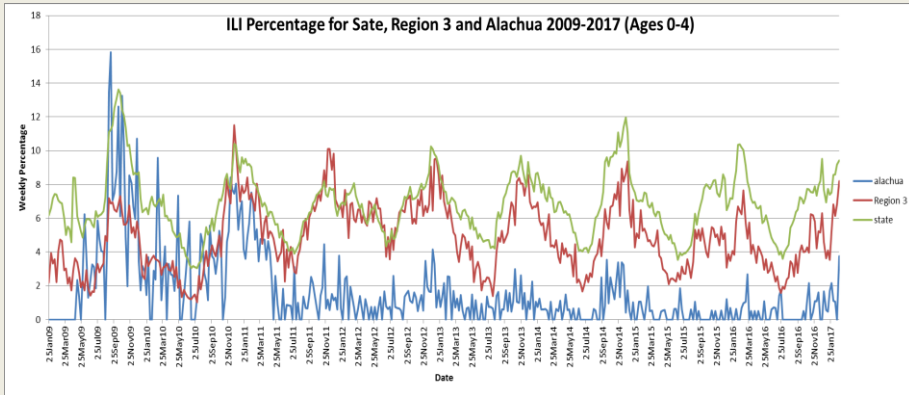


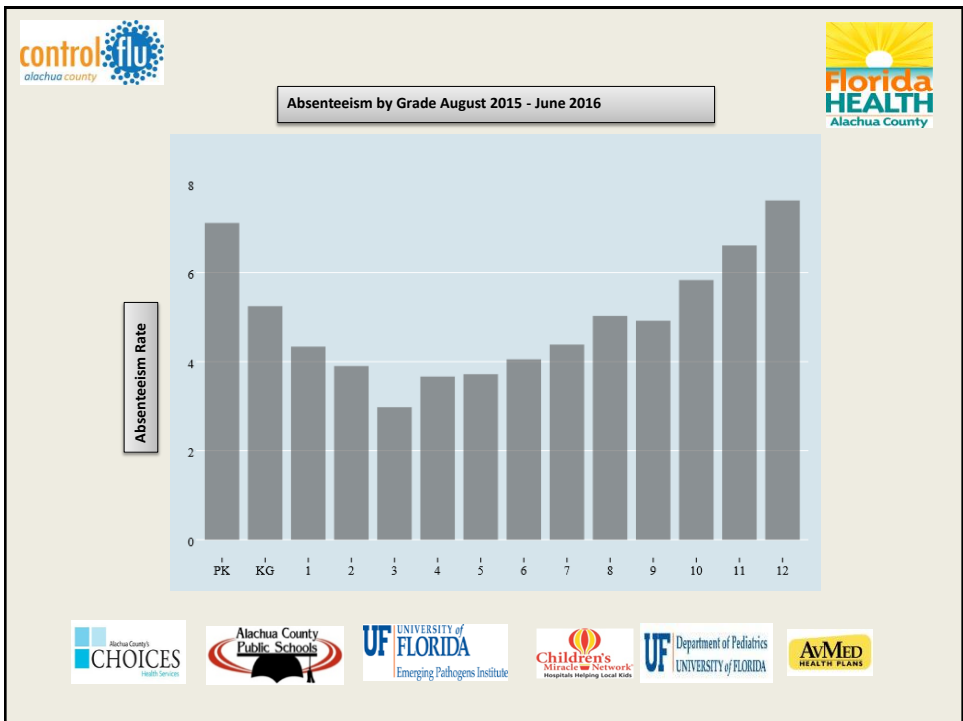
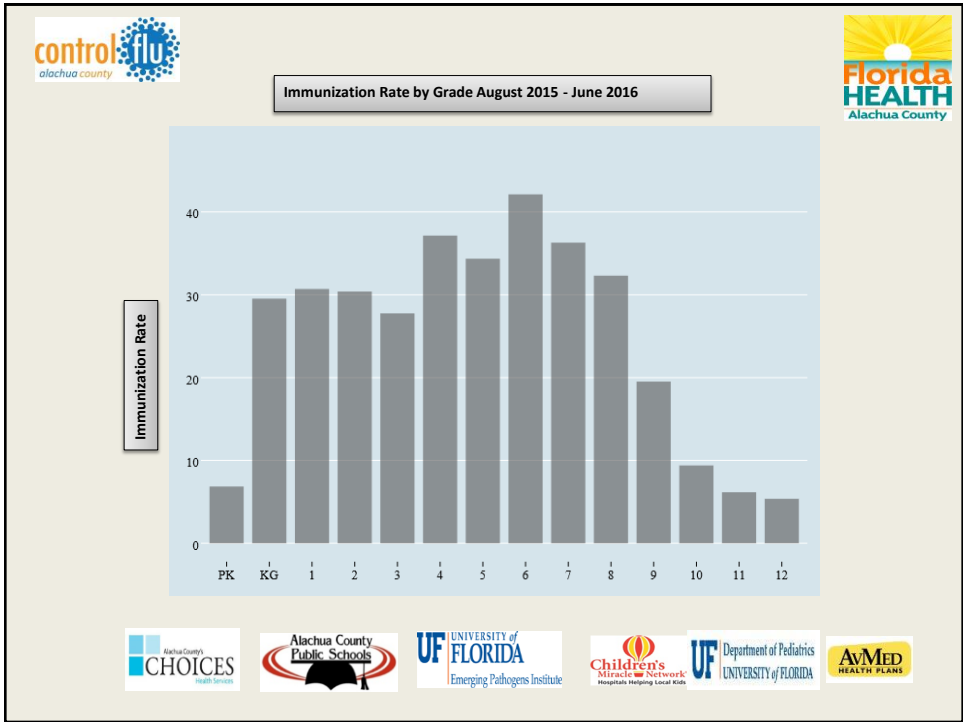
## Going Forward Pearls



- Strong program infrastructure can support change
- Lower vaccination rates could impact community influenza illness
- Permissive language for school based programs







## VFC vs Insured Participation in Public and Private Schools

	15/16	16/17	Percent change
Public School-VFC	46%	37%	-9%
Public School-Insured	54%	63%	+9%
Private School VFC-	19%	22%	+3%
Private School-Insured	81%	78%	-3%

## Consent Form is Key

