

S A N
F R A N C I S C O
I M M U N I Z A T I O N
C O A L I T I O N

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Andrew J. Resignato

Director

Ph: 415.554.2567

andrew@sfimmunize.org



Benefits of Immunization Information Systems (IIS)

- Vaccines are ubiquitous in healthcare today.
- There are new vaccines and schedules changing often
- California's population is very mobile. Likely to see multiple providers annually.
- By age two, children will need up to twenty vaccines.



Benefits of Immunization Information Systems (IIS)

- 21% of U.S. children are over-immunized. 2.1 million U.S. children are under-immunized and are at risk for disease
- Parents and providers overestimate immunization rates
- Adults are required to have many vaccines but many do not have records of their past immunizations.
- Registries are helpful in disease outbreaks (ex. Pertussis Epidemic 2010) and natural disasters (ex. Hurricane Katrina)

My Recent Motivation For Pursuing An Immunization Reporting Mandate Started Here



California's Immunization Registry is Under Utilized



- CAIR ranks 43rd of 50 States in IIS participation rate.
- Only 35% of private CA providers use CAIR.

Why Is CAIR Under Utilized?

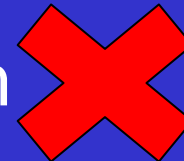
- No HL7 interface that satisfies meaningful use criteria for HITECH and interfaces with EMRs



- 11 Regional Registries that are not integrated into one CA record



- Collective Action Failure/Problem



What Is A Collective Action Problem?

The term "collective action problem" describes the situation in which multiple individuals would all benefit from a certain action, which, however, has an associated cost making it implausible that any one individual can or will undertake and solve it alone.

The rational choice is then to undertake this as a collective action the cost of which is shared.^[1]

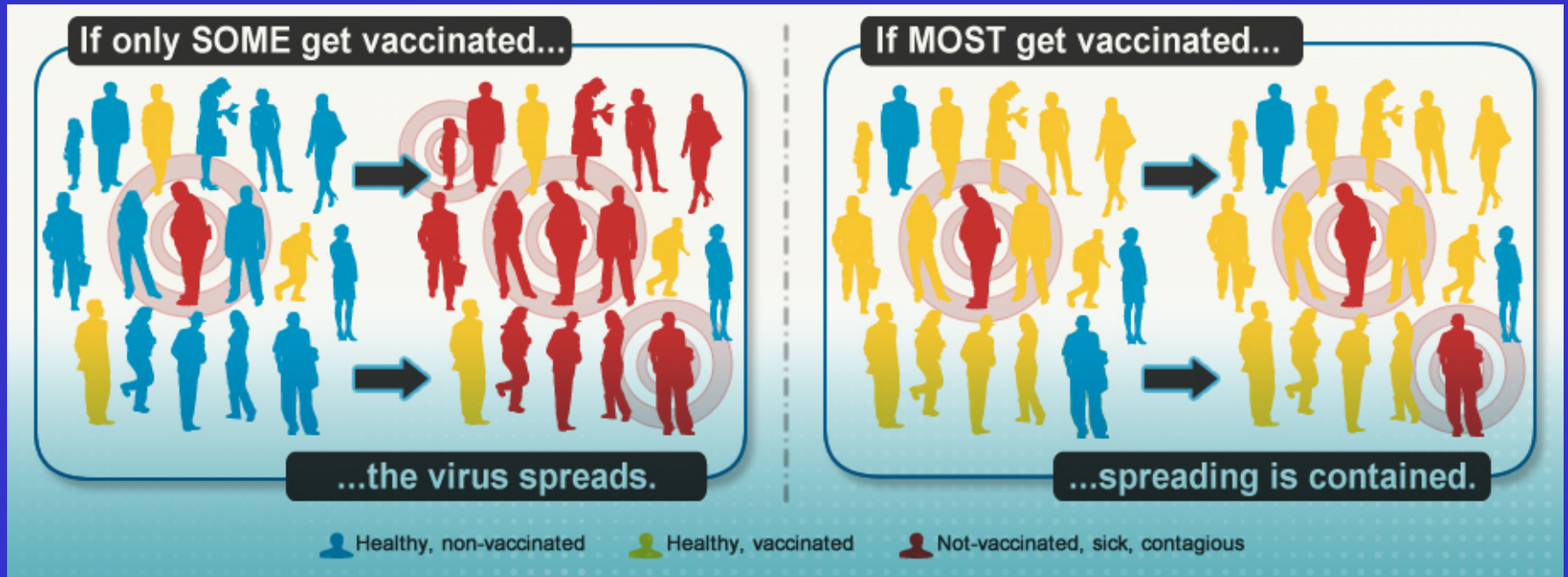
Examples of Collective Action Problems?



Problem: **Pollution**
(Environmental
Degradation, Climate
Change)

Collective Action Solution:
Regulation/Cap and
Trade

Examples of Collective Action Problems



Problem: Disease

Collective Action Solution: School
Immunization Mandates

Examples of Collective Action Problems

Strong Incentive



California
Immunization
Registry
& Protected

What Is An Immunization Reporting Mandate?

A law requiring all health care providers to report to the State immunizations given to patients.

Some States require information for children only (ex. NY) and others require all vaccines to be reported (ex NV).

States With Immunization Reporting Mandates

Arizona, Arkansas, Connecticut, Delaware, District of Columbia, Georgia, Indiana, Maine, Maryland (public providers only), Michigan, Minnesota, Mississippi, Nevada, New York, Texas, Vermont, West Virginia

Median IIS Child Participation Rate - 94%

Mean IIS Child Participation Rate – 88%
(age <6 with 2 or more Izs)

Nevada

2008 – 43% Childhood IIS
Utilization Rate

2009 – Immunization
Reporting Mandate Passed
(Entire Population)

2011 – 83% Childhood IIS
Utilization Rate



Arizona

1998 – Arizona Medical Association lobbied for IZ reporting mandate

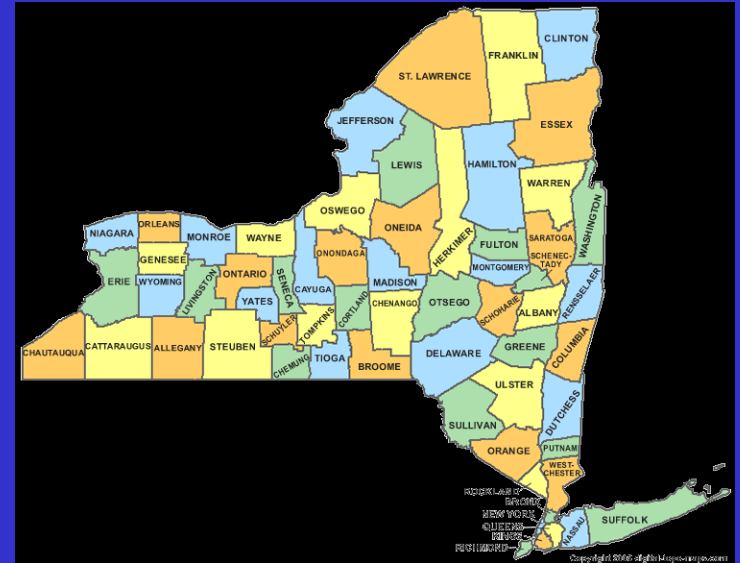
15% increase in toddler immunization rates after passage

2011 – >90% IIS Utilization Rate



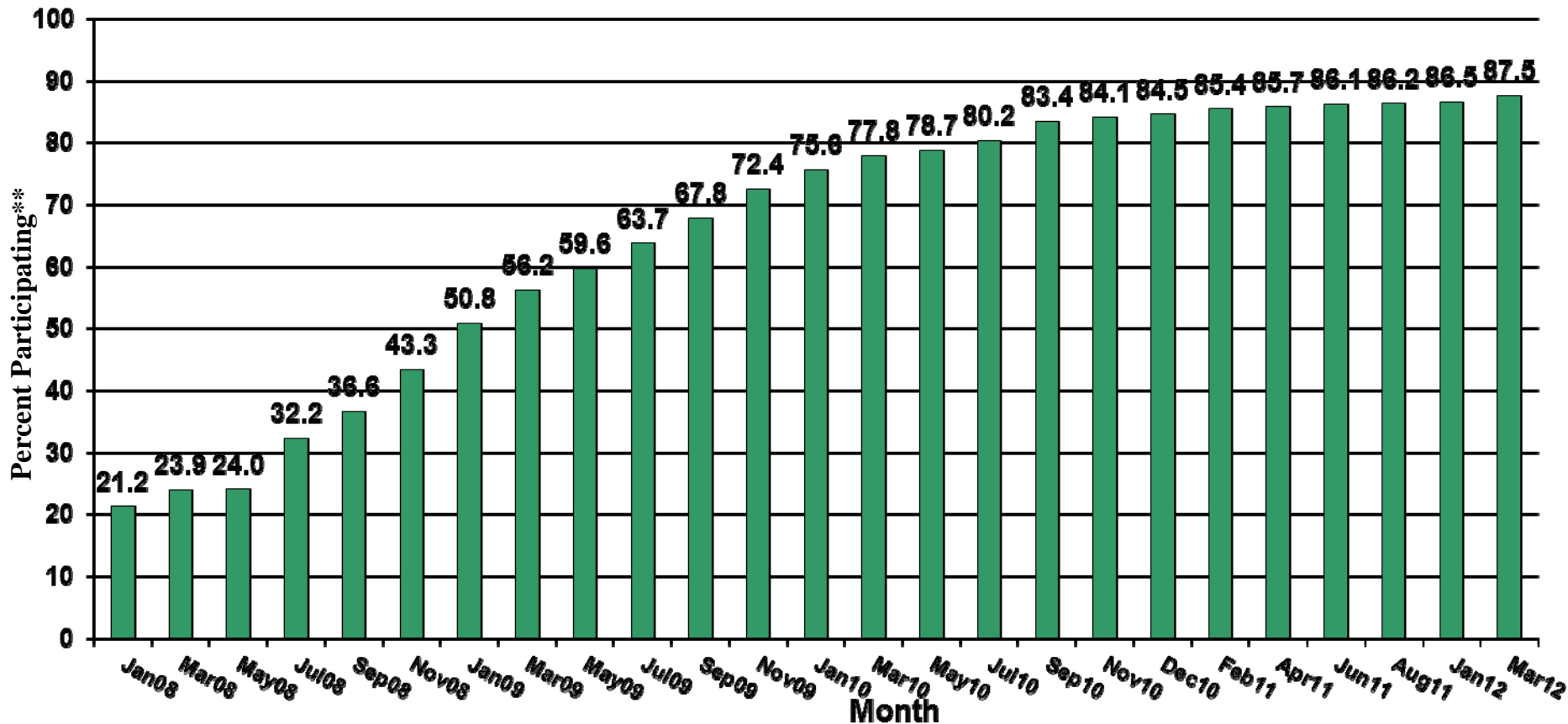
New York

The New York State legislature passed the Immunization Registry Law in 2008 which requires health care providers to report all immunizations administered to persons less than 19 years of age, along with the person's immunization histories, to the New York State Department of Health.



Percent of Children Less Than 6 Years of Age with Two or More Immunizations in NYSIIS*

New York State (Outside of New York City)



*New York State Immunization Information System

**Based on Claritas population estimates for 2008 (Jan-Nov08), 2009 (Jan-Nov09) and 2010 (Jan10-present).

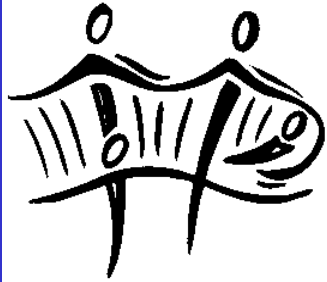
03/01/2012

Possible Barriers to Passing a Mandate Law in CA

- Cost to State
- Additional Work for Providers
- Opposition from Anti-Vaccine Groups

What We Need To Do to **Make It Happen!**

- Convey the Argument Clearly/Consistently
- Create a Buzz
- Statewide Support (CIC, local coalitions, LHDs)
- Provider Support (CA AAP, Hospital Councils, CMA, CA AAFP)
- Communication/Dialogue With Other States Who Have Laws



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