

# San Diego Influenza Coverage Extension (SDICE): Assessment of Late-Season Flu Vaccination Efforts in San Diego County

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# Background & Objectives

- **Background:** As recommendations for flu vaccination expand to include more of the population, increasing capacity for vaccination is imperative. Extending concerted efforts to vaccinate into late-season is a potentially viable strategy to increase coverage rates and capacity
- **Objectives:** To assess patient attitudes to and providers' efforts to promote flu vaccination, especially during late-season. To learn about barriers to flu vaccination.

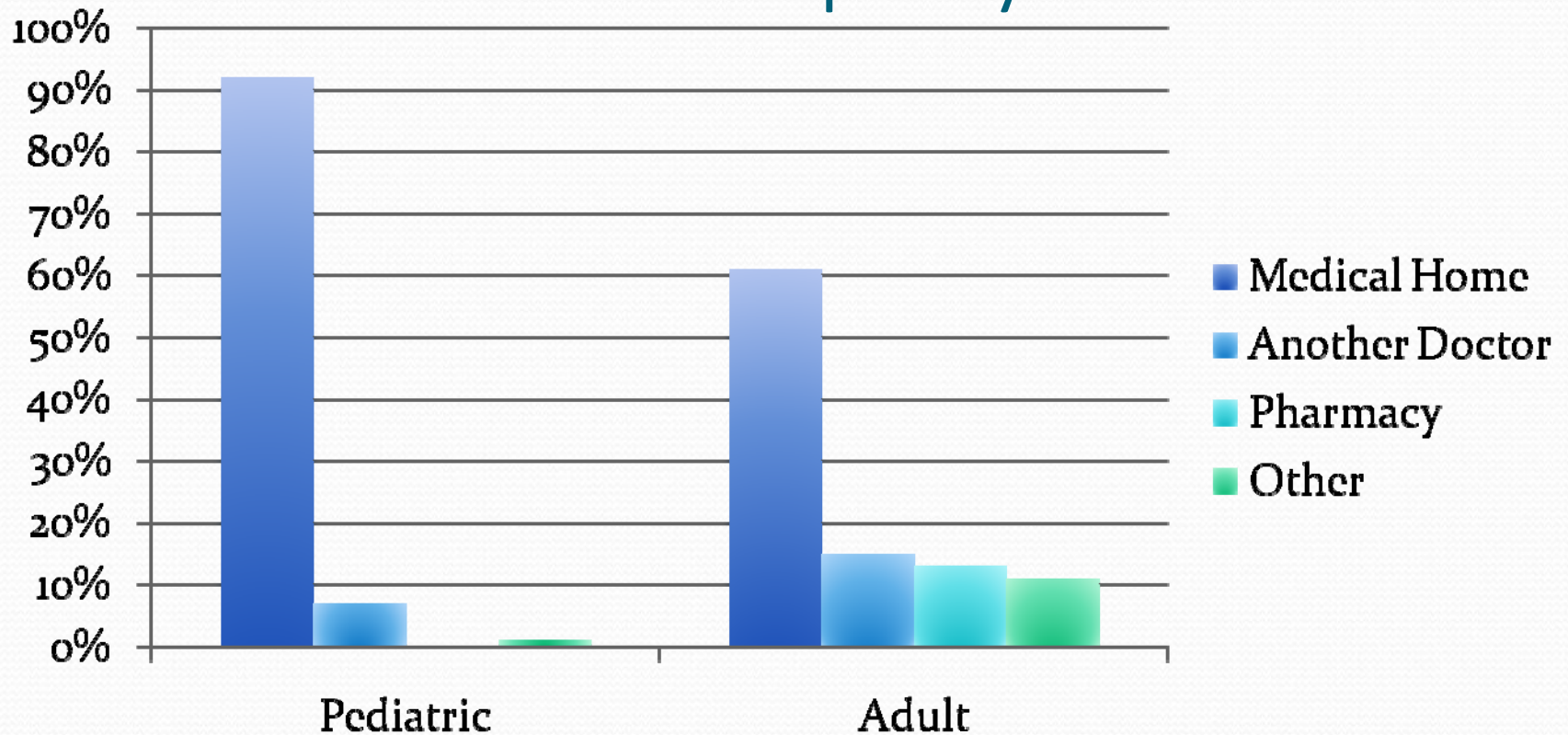
# Overview of Project

- Baseline data collection: 2008-2009
- Follow-Up data collection: 2010-2011
  - Suspended follow-up data collection in 2009-2010 due to H<sub>1</sub>N<sub>1</sub> & unavailability of seasonal flu vaccine
- Intervention activities: 2009-2011
- Clinics:
  - 16 at baseline, 14 at follow-up
  - Pediatric, Family Medicine, and Internal Medicine
  - Private practices, medical groups, and community clinics

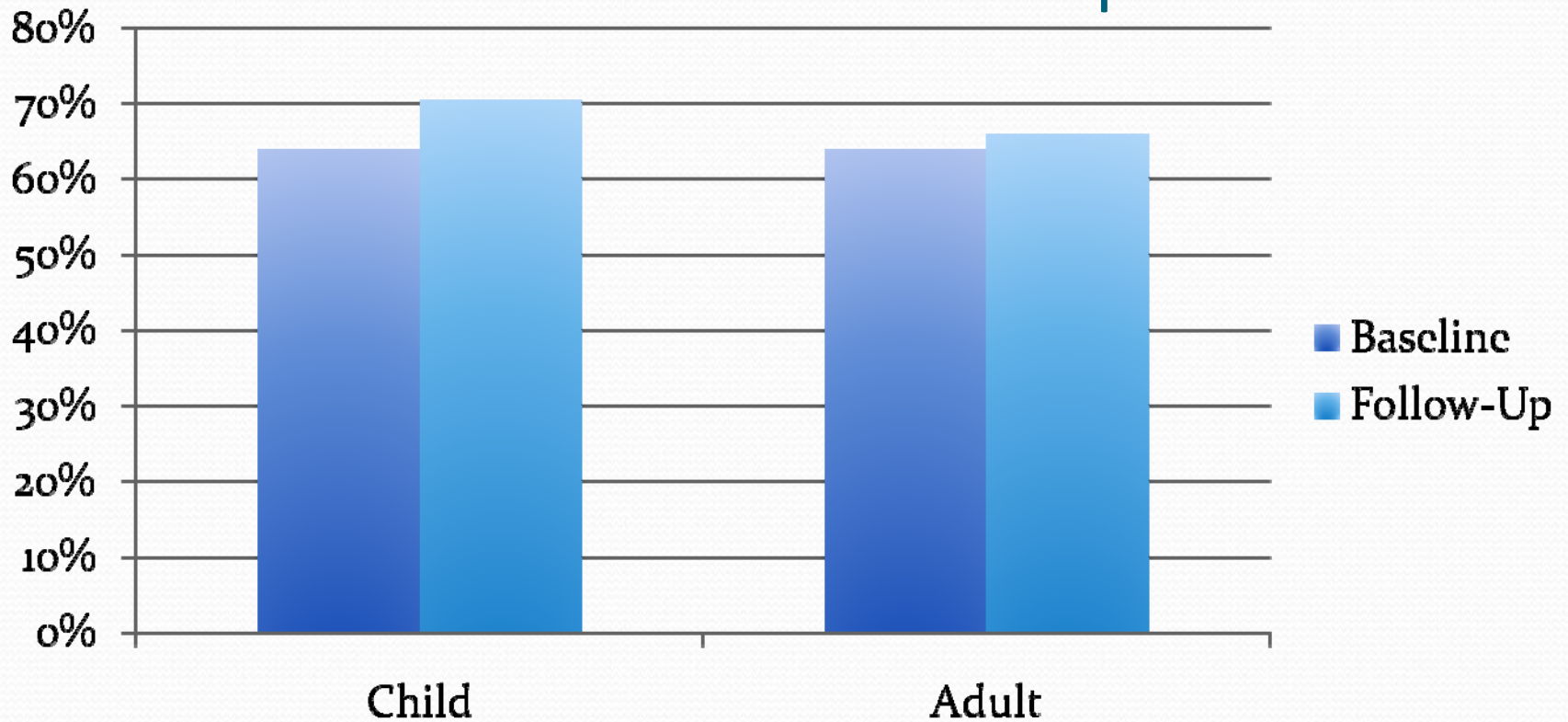
# Data Collection Methods: Baseline & Follow-Up

- Sample
  - Children 6 months – 5 years
  - Adults 50 years & older
- Patients interviewed at clinic after appointments  
January – March
- Physicians interviewed April – June
- Chart Reviews performed April - June

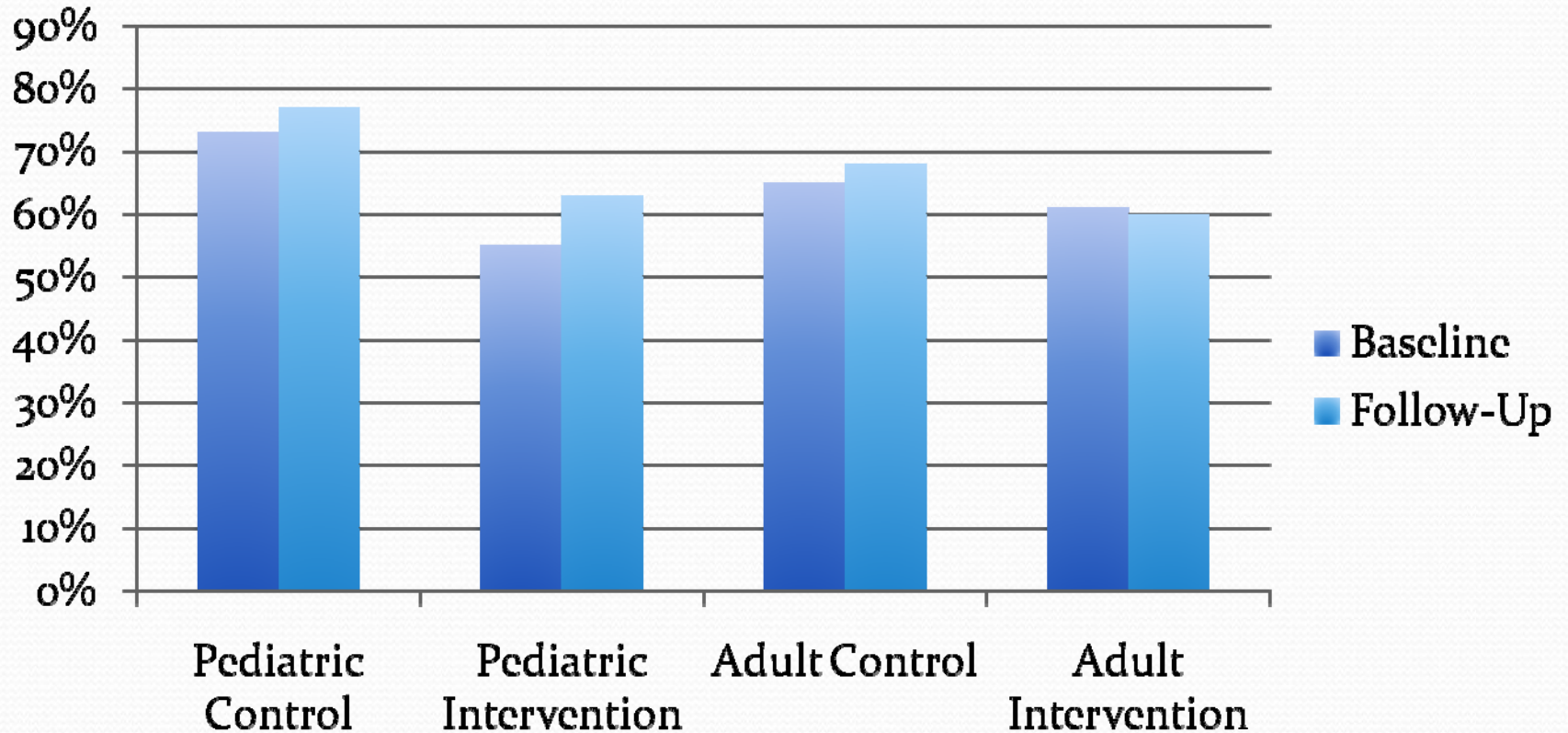
# Patient-Reported Site of Vaccination: Follow-Up Only



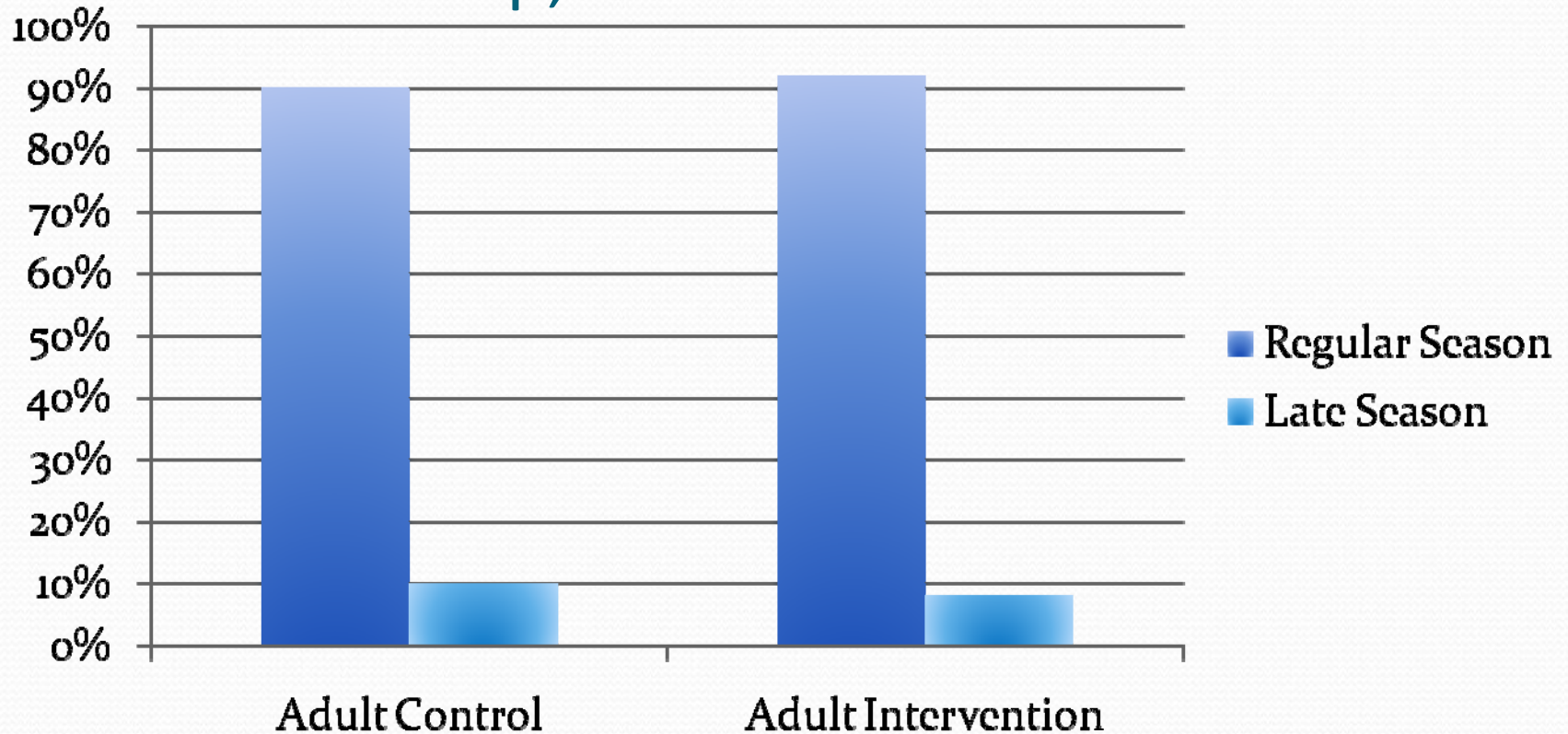
# Patient-Reported Coverage Rates: Baseline to Follow-Up



# Patient-Reported Coverage Rates: Control vs. Intervention

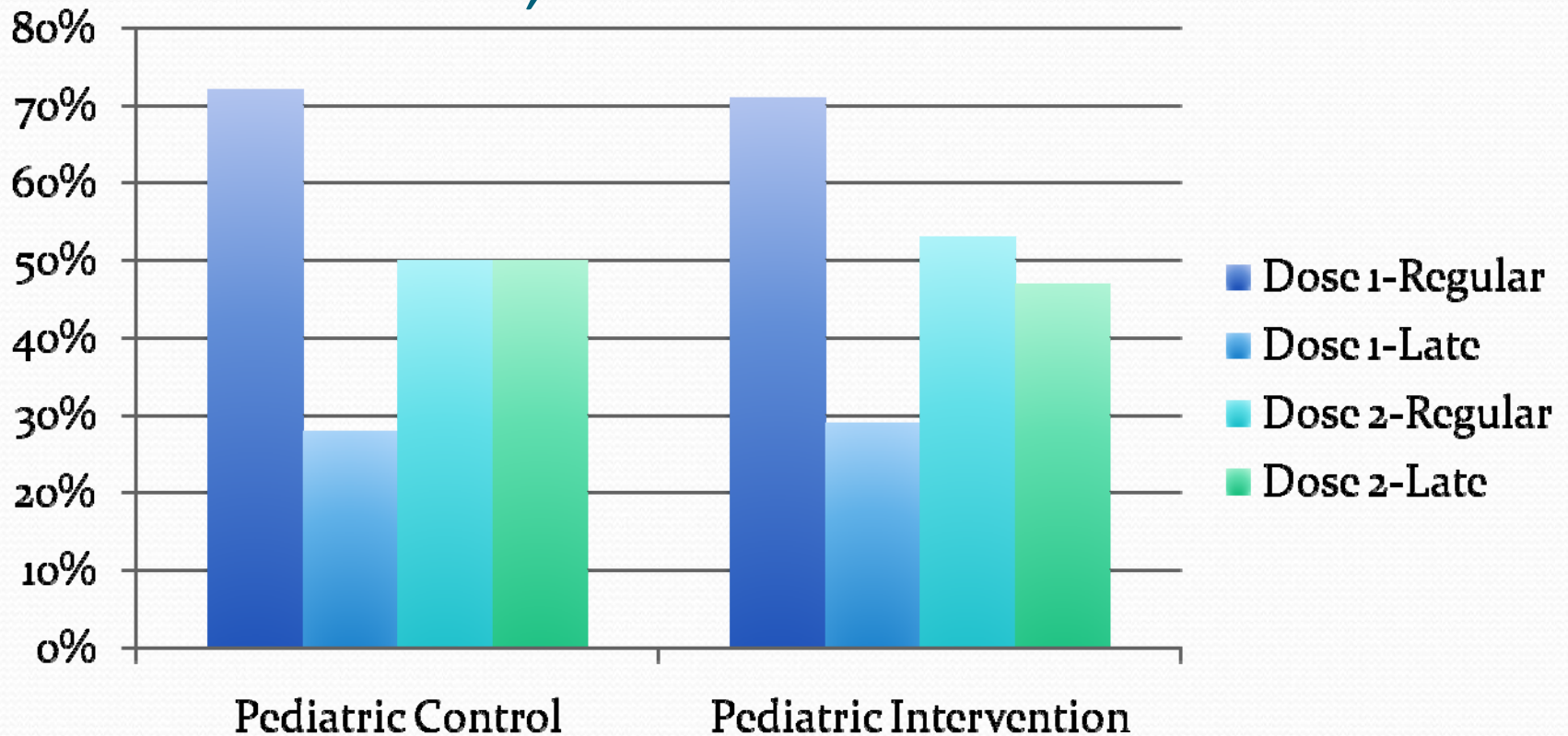


# Adult Patient-Reported Time of Vaccination: Follow-Up, Control vs. Intervention

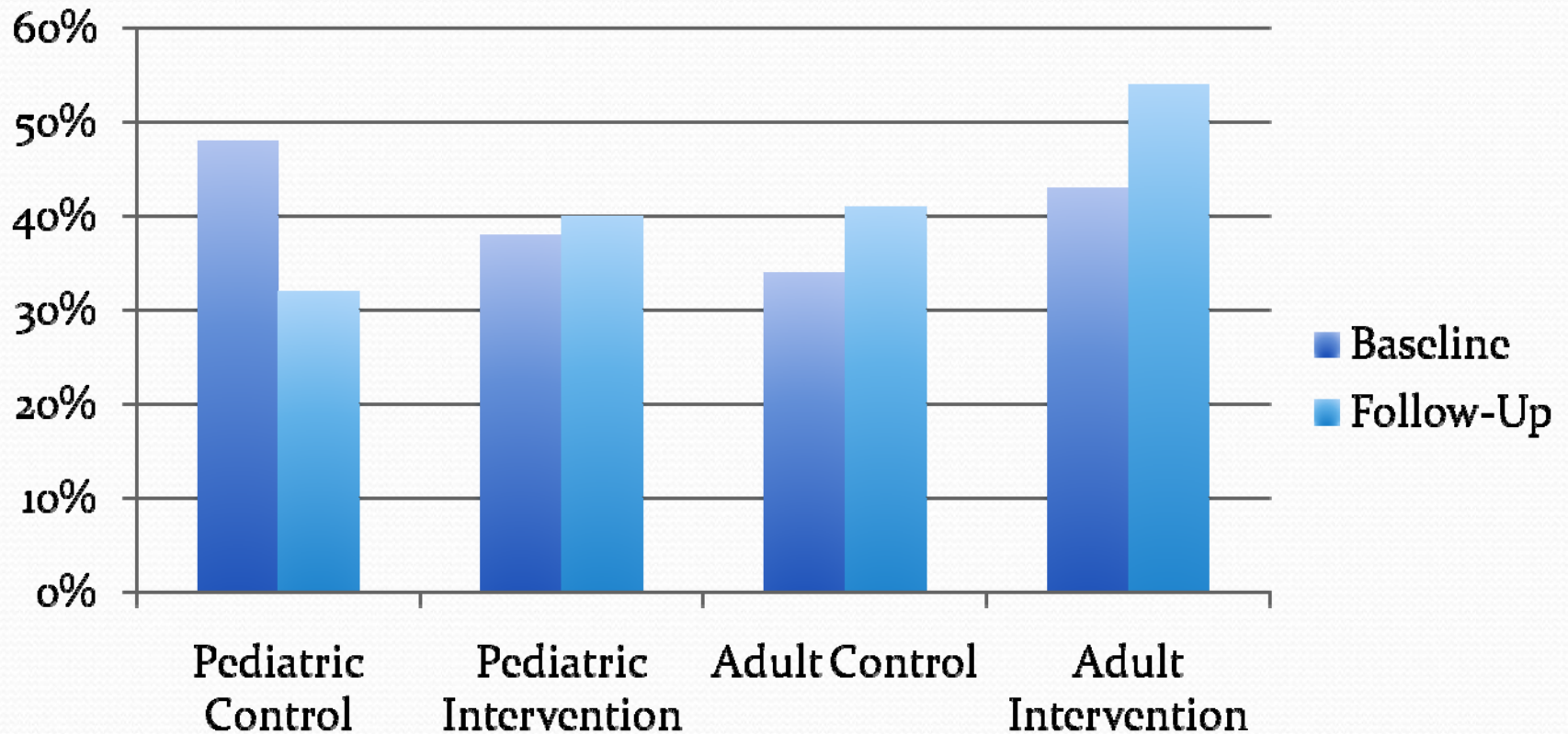




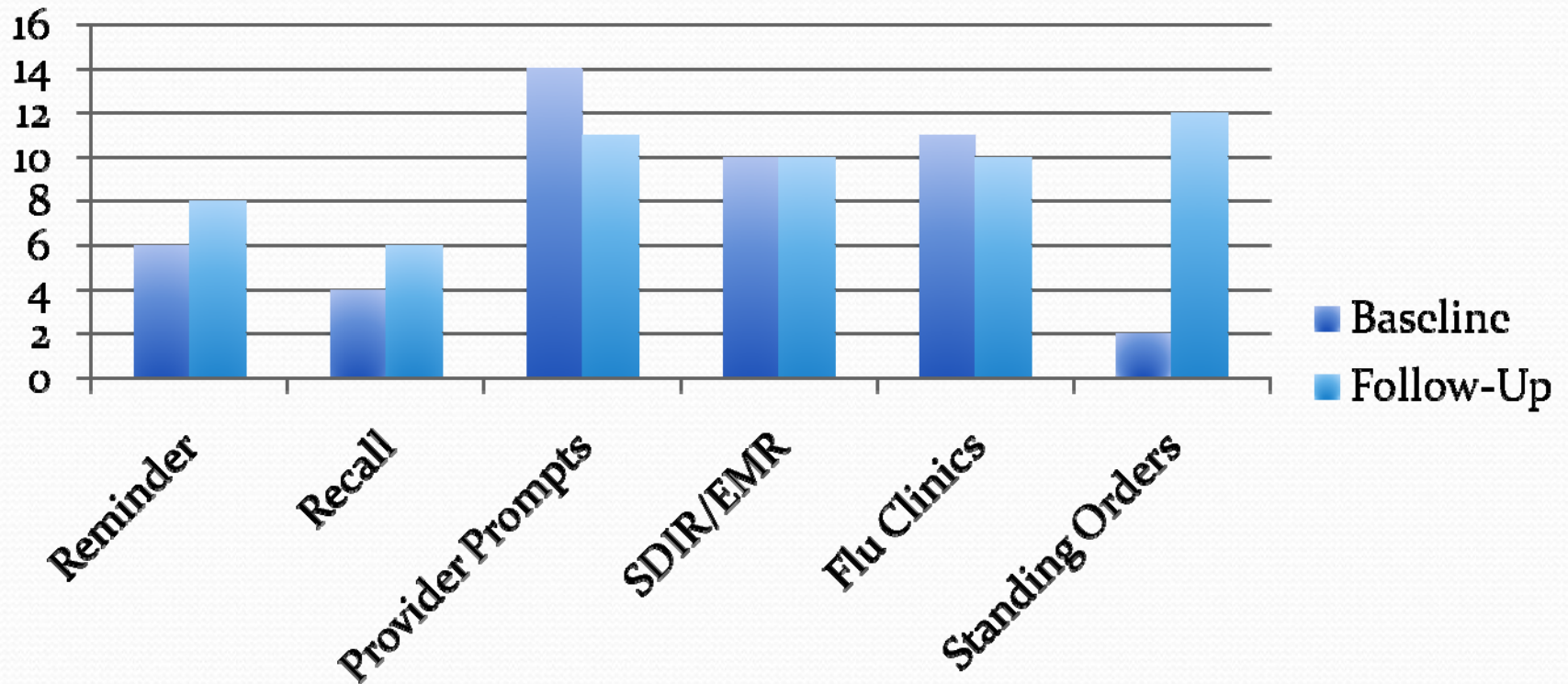
# Pediatric Patient-Reported Time of Vaccination: Pediatric, Control vs. Intervention



# Patient Receptivity Rate: Control vs. Intervention



# Physician-Reported Evidence-Based Practices: Baseline vs. Follow-Up



# Physician-Reported Reminder/Recall: Follow-Up Only

## Reminder (8/14)

- Vaccine promotion in newsletter (1)
- Generic letter (3)
- Generic phone recording (3)
- Personalized letter (3)
- Personalized phone recording (2)

## Recall (6/14)

- Generic letter (1)
- Personalized letter (4)
- Personalized phone recording (2)
- Personalized notice that specifically references the patient's vaccination status (3/6)

# Physician-Reported Influence of H1N1: Follow-Up Only

- 14/14 clinics offered H1N1 vaccine during 2009-2010
- 9/14 clinics implemented policies during 2009-2010 related to H1N1 that continued into 2010-2011
  - Flu clinics
  - Standing orders

# Conclusions

- Participants sought flu vaccination from their primary care providers
- Providers could potentially improve coverage rates by initiating or offering flu vaccine to each patient
- Intervention efforts appeared to have minimal effect on coverage rates, but warrants further analysis
- H1N1 appeared to have a positive effect on influenza immunization practices

# Acknowledgements

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