

2009 National Flu Survey

pH1N1 and Seasonal Flu Vaccines

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STAT 566

Dataset

- > **Swine flu (pH1N1) pandemic in 2009**
- > **National 2009 H1N1 Flu Survey (NHFS)**
 - Telephone (landline and cell) survey from October 2009 through June 2010
 - > Included households in all 50 states and the District of Columbia
 - Asked whether survey participant received the new pH1N1 vaccine and the regular seasonal flu vaccine.
 - Additional questions on personal background, and opinions on some public health measures, risks and vaccinations.
- > **Potential questions:**
 - Are people who received the seasonal flu vaccine more likely to receive the new pH1N1 vaccine?
 - If a doctor recommended the new pH1N1 vaccine, are people more likely to receive it?



Dataset

> **Source:** <https://www.kaggle.com/arashnic/flu-data>

> **26,707** survey responses

> **38** variables

- **h1n1_vaccine**
- **seasonal_vaccine**
- respondent_id
- age_group
- education
- race
- sex
- income_poverty
- marital_status
- rentorown
- employment_status
- h1n1_concern
- h1n1_knowledge
- behavioralwashhands
- behaviorallargegatherings
- behavioralantiviralmeds
- behavioral_avoidance
- behavioralfacemask
- behavioraloutsidehome
- behavioraltouchface
- **doctorrecch1n1**
- doctorreccseasonal
- chronicmedcondition
- childunder6_months
- health_worker
- health_insurance
- opinionh1n1vacc_effective
- opinionh1n1risk
- opinionh1n1sickfromvacc
- opinionseasvacc_effective
- opinionseasrisk
- opinionseassickfromvacc
- hhsgeoregion
- census_msa
- household_adults
- household_children
- employment_industry
- employment_occupation

