

Immunization: Flu Shot and Tdap, 2017 Births Vermont PRAMS

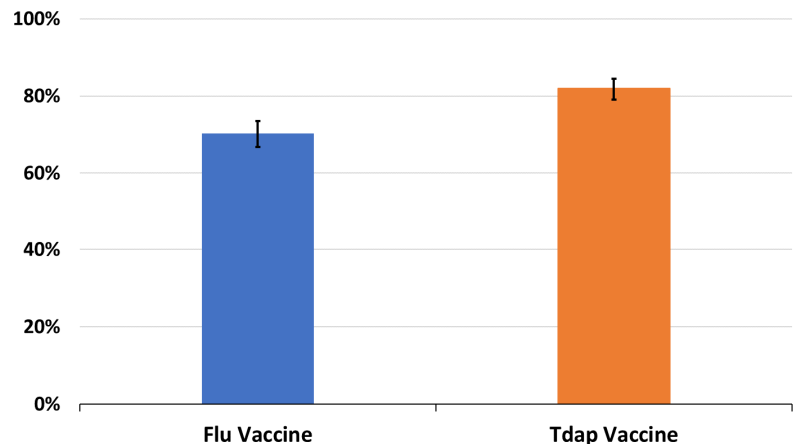
This is a report on flu and Tdap vaccinations for Vermont women who gave birth in 2017. Tdap is a combination vaccine that protects against tetanus, diphtheria, and pertussis (whooping cough).

The Pregnancy Risk Assessment Monitoring System (PRAMS) is a survey of women who recently gave birth that asks about experiences, behaviors and healthcare utilization before, during and shortly after their pregnancy. Vermont has participated in PRAMS since 2001. Vermont PRAMS began asking about flu vaccinations in the 2009-2010 flu season and began asking about the Tdap vaccination in 2016.

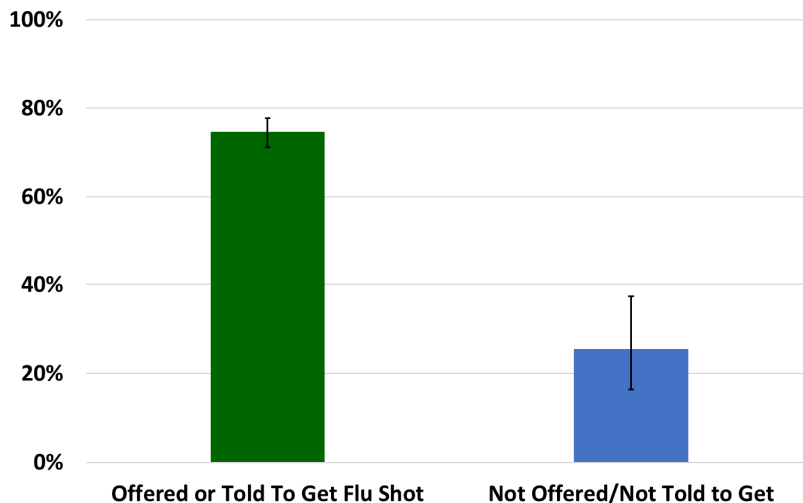
In 2017:

- 82.0% of mothers had a Tdap vaccination during pregnancy*.
- 70.2% had a flu shot in the 12 months before giving birth.

**Immunization Rates
2017 Vermont PRAMS**



**Received Flu Shot, by Health Care Worker Guidance
2017 Vermont PRAMS**



In 2017, 91.2% of mothers were offered a flu shot or told to get one by a health care worker during the 12 months before delivery.

Only one quarter (25.5%) of women who were not offered one by a health care worker or told to get a flu shot did get a flu shot, compared to 74.6% of women who were told to get or who were offered a flu shot.

Women without any college education were less likely to be offered a flu shot or told to get one than were women with at least some college education (86.4% versus 93.7%), as were women in households with an income below 200% of the Federal Poverty Limit (FPL) as compared to those in households at or above 200% FPL (87.1% vs 94.5%).

*Responses of "I don't know" were included as non-receipt of Tdap for this analysis.

Who Was Less Likely to Be Immunized?

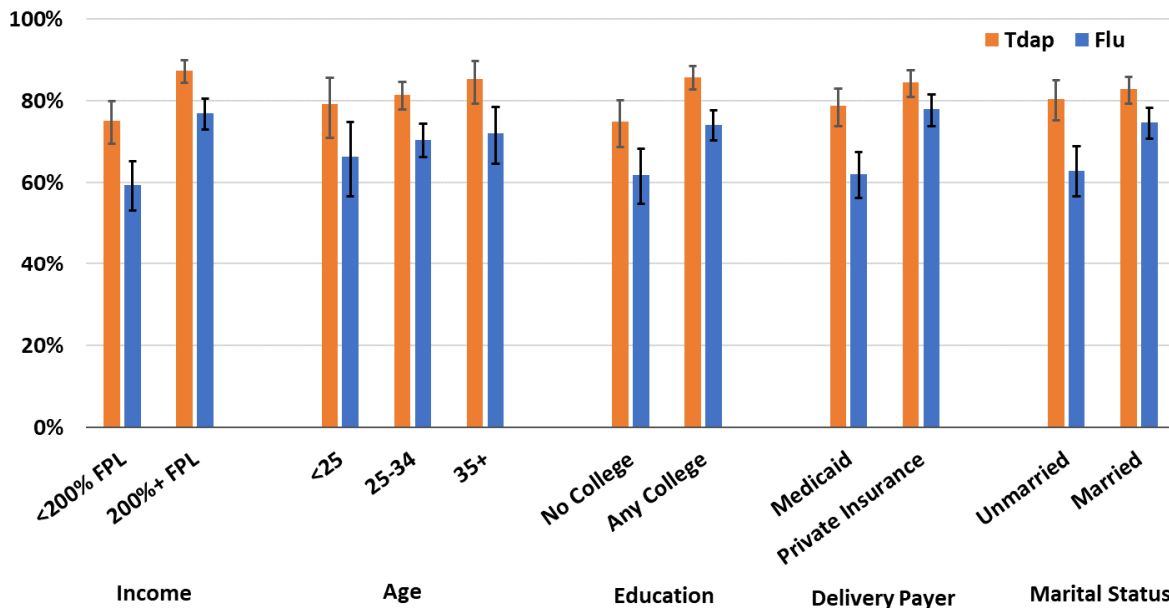
Women were **less likely to get a Tdap during pregnancy*** if they:

- Had household incomes below 200% FPL
- Had no college education

Women were **less likely to get a flu shot in the 12 months before giving birth** if they:

- Had household incomes below 200% FPL
- Had no college education
- Had their deliveries insured by Medicaid
- Were unmarried

**Received Immunization Before Delivery, By Demographic Factors
2017 Vermont PRAMS**



The following PRAMS questions were used for this data brief:

During the 12 months *before the delivery* of your new baby, did a doctor, nurse, or other health care worker offer you a flu shot or tell you to get one?

During the 12 months *before the delivery* of your new baby, did you get a flu shot?

During *your most recent* pregnancy, did you get a Tdap shot or vaccination? A Tdap vaccination is a tetanus booster shot that also protects against pertussis (whooping cough).

- No
- Yes
- I don't know

* Because the Tdap question specifically includes an "I don't know" option, responses of "I don't know" were included as non-receipt of Tdap for this analysis.

Questions or comments about this report may be directed to John Davy at (802)863-7661 or john.davy@vermont.gov. More information about Vermont PRAMS can also be found at <http://healthvermont.gov/research/PRAMS/prams.aspx>.