



# Human Papillomavirus (HPV) Vaccination Report: Pennsylvania

August 2017

*Working Together to Reach National Goals for HPV Vaccination*

After the October 2016 meeting of the Advisory Committee on Immunization Practices (ACIP), CDC updated its recommendations for HPV vaccination, which now include a 2-dose schedule for adolescents initiating the vaccine series before their 15<sup>th</sup> birthday. As vaccine orders are expected to change under this new dosing schedule, **this quarter's HPV Vaccination Report highlights CDC's new plan for displaying HPV vaccine ordering data for future quarterly reports.**

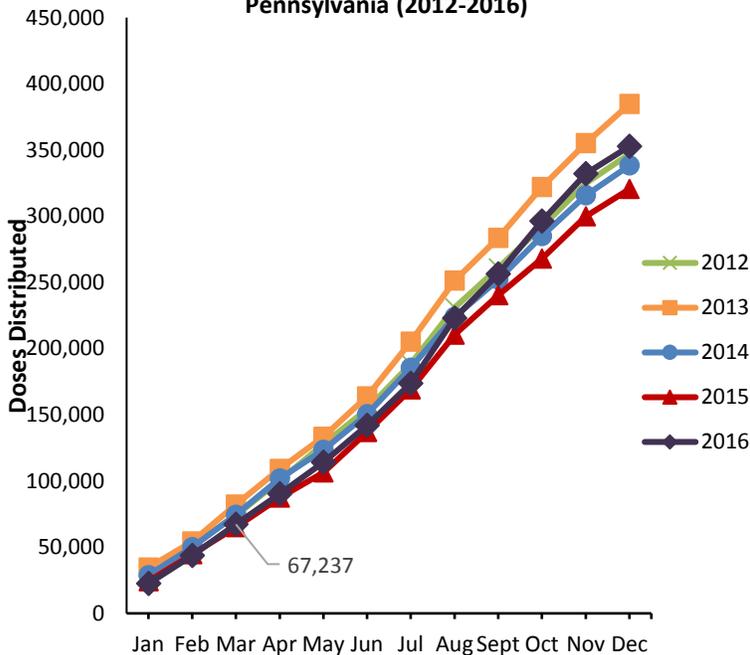
The percentage of change in the number of vaccine doses ordered has been shown in prior reports. However, for 2017, the cumulative total number of HPV vaccine doses ordered will be used to establish a new baseline for calculating the percentage change in vaccines ordered for the 2018 quarterly reports. Please see below for HPV vaccine ordering data specific to your jurisdiction. Additionally, the quarterly reports will now incorporate population data to assist in interpreting vaccine order patterns. Please see page 2 for more information on this methodology.

For more information on the updated recommendations for HPV vaccination, please refer to the following: <https://www.cdc.gov/mmwr/volumes/65/wr/mm6549a5.htm>.

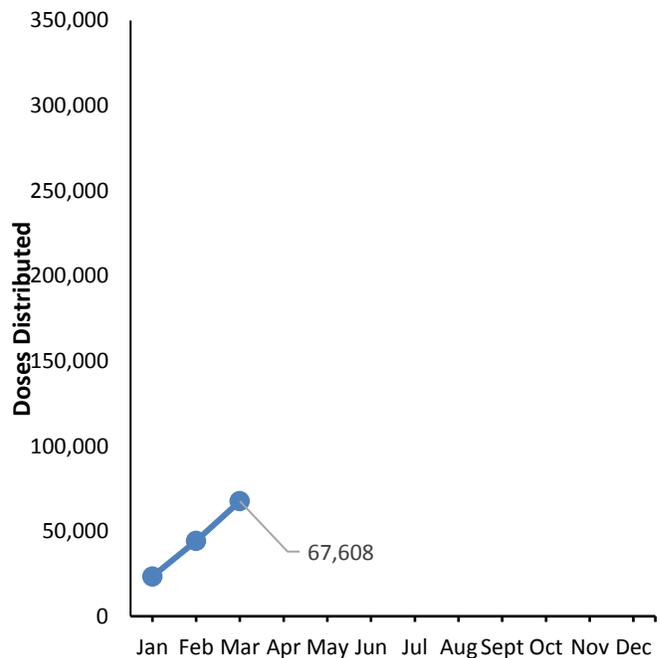
## HPV Vaccine Distribution Trends in Pennsylvania

Below are available year-to-date totals of CDC and non-CDC HPV vaccine doses ordered in your state or city.

Cumulative year-to-date total of 4-valent HPV vaccine and 9-valent HPV vaccine doses ordered<sup>†</sup> in Pennsylvania (2012-2016)



Cumulative year-to-date total of 9-valent HPV vaccine doses ordered<sup>†</sup> in Pennsylvania, first quarter 2017



<sup>†</sup>These data represent an estimate of all HPV vaccine doses distributed in Pennsylvania. The 9-valent HPV vaccine is currently the only HPV vaccine available in the United States.



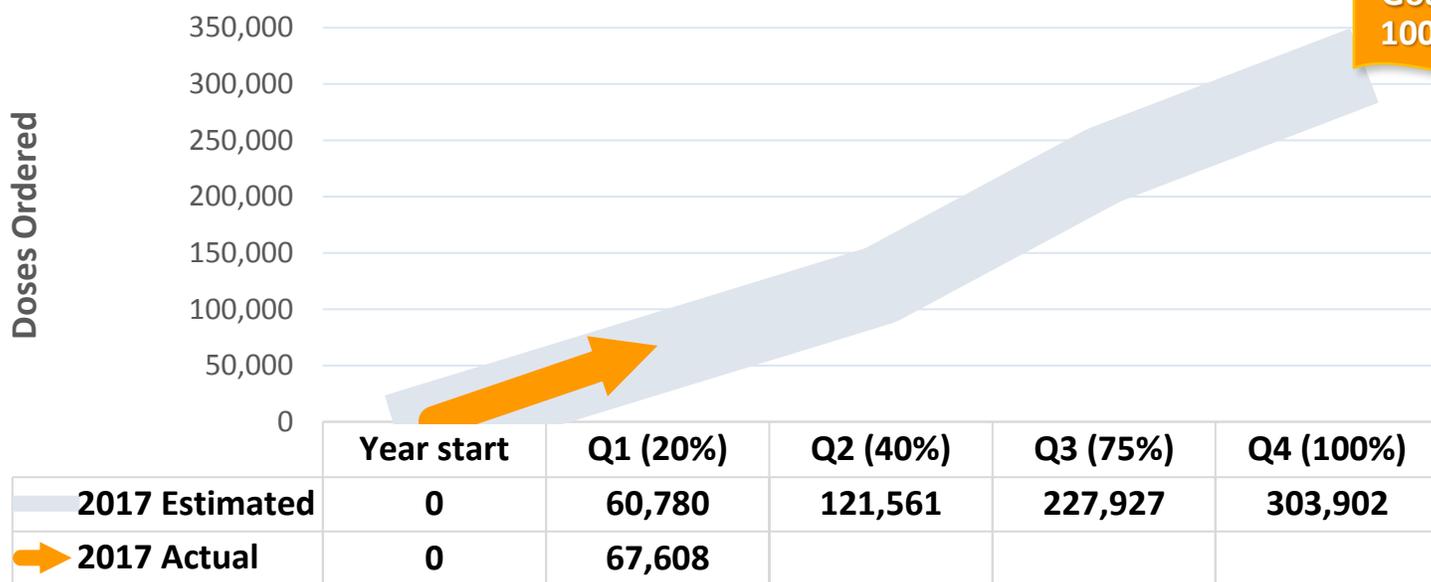
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August 2017

Working Together to Reach National Goals for HPV Vaccination

Merging HPV Vaccine Ordering Data and Population Estimates

Year-to-date total of HPV vaccine doses ordered<sup>†</sup> in Pennsylvania, compared to doses needed to fully immunize 11-year-olds\* in Pennsylvania, first quarter 2017



**Based on an estimated 151,951\* 11-year-olds in Pennsylvania, your jurisdiction ordered 22% of the estimated total annual doses of HPV vaccine needed to vaccinate all 11-year-olds. If all the ordered doses are used for 11-year-olds, Pennsylvania is on track for ordering a sufficient amount of vaccine for that age group in 2017, and should have extra doses for catch up vaccination of older adolescents and young adults.**

- The graph above indicates your jurisdictions’ progress towards a “Goal” of ordering enough HPV vaccine to immunize the estimated total number of 11-year-olds in **Pennsylvania** with **2 doses** of HPV vaccine in 2017.
  - The 2015 US Census and American Community Survey\* were used for the population estimate of 11-year-olds in your jurisdiction.
  - Historically in the United States, 20% of the total annual HPV vaccine doses have been ordered in the first quarter, 20% in the second quarter, 35% in the third quarter, and 25% in the fourth quarter.
- The gold arrow indicates your jurisdiction’s progress towards ordering 20% of its estimated HPV vaccine doses in the first quarter of 2017.
- Data presented in this report includes all CDC and non-CDC HPV vaccine orders.
- Although we’re estimating the number of doses needed to vaccinate your 11-year-old cohort, doses ordered may be administered to individuals between the ages of 9 and 26 years.

\*Census data is available at: [https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=PEP\\_2015\\_PEPSYASEX&prodType=table](https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=PEP_2015_PEPSYASEX&prodType=table)