

Department of Planning and Budget 2007 Fiscal Impact Statement

1. **Bill Number:** HB 2035

House of Origin ☒ Introduced ☐ Substitute ☐ Engrossed

Second House ☐ In Committee ☐ Substitute ☐ Enrolled

2. **Patron:** Phillip A. Hamilton

3. **Committee:** Health, Welfare and Institutions

4. **Title:** Required vaccinations; adds human papillomavirus vaccine

5. **Summary/Purpose:** Requires females to receive three doses of properly spaced human papillomavirus (HPV) vaccine. The first dose shall be administered on or after the child's eleventh birthday. After having reviewed materials describing the link between HPV and cervical cancer approved for such use by the Board of Health, a parent or guardian may elect for his daughter not to receive this vaccine. This bill contains a delayed effective date of September 1, 2008.

6. **Fiscal Impact Estimates are:**

Expenditure Impact:

Fiscal Year	<i>Dollars</i>		
	GF	NGF	Positions
2006-07	\$0	\$0	0
2007-08	\$6,924,291	\$2,135,529*	0
2008-09	\$1,009,035	\$305,745*	0
2009-10	\$1,039,167	\$309,276*	0
2010-11	\$1,098,548	\$321,156*	0
2011-12	\$1,114,609	\$320,100*	0

* The NGF impact covers administration costs only; the vaccine itself is a direct assistance grant item (in lieu of cash) from the federal government's Center for Disease Control (CDC)

7. **Budget amendment necessary:** Yes. Item #289 - Communicable Disease Prevention and Control (40500)

8. **Fiscal implications:** The Virginia Department of Health estimates the costs associated with implementing a mandatory HPV vaccination program for all females attending school who are at least 11 years of age would be considerable. The following information outlines the basic assumptions underlining the estimate:

- Three doses of the vaccine are needed.
- The current cost per dose of the vaccine is \$96.00 (federal contract price).
- The cost for total course HPV vaccination is \$288 (\$96 x 3).
- The price of the vaccine is estimated to increase by 2% each year.

- The cost to administer the vaccine is \$11.00 per dose.
- Initially, all females attending school 11 years of age and older will need to be vaccinated. In future years, only one birth cohort, those adolescents who will be 11 years of age, will need to be vaccinated.
- 30% of the affected population may be referred to local health departments for vaccination, which is based upon a 35% referral rate.
- Of those adolescents vaccinated at local health departments, 25% are expected to be non-Vaccines for Children (VFC) eligible and will need general fund vaccine. The remaining 75% will receive nongeneral fund VFC vaccine.
- It is estimated that 25% of the parent/guardians will choose to sign a waiver refusing vaccination. The expenditure impact reflects a 25% reduction in costs based on students requesting waivers.

Fiscal Year 2007-08 Total - Cost of vaccinating females 11-17 years of age
(For females born 1991-1997 - details by year are available upon request)

328,697 students – 82,174 students requesting waiver = 246,523 students
 246,523 x 35% = 86,284 students to be vaccinated at health departments

General Fund:

86,284 x 25% = 21,571 students vaccinated with state funds
 Cost of 3 doses of vaccine = \$6,212,448 Cost of administering 3 doses = \$711,843

HPV total = **\$6,924,291 GF**

Non-General Fund:

86,284 x 75% = 64,713 students vaccinated with VFC funds
 Cost of administering 3 doses = \$2,135,529

HPV total = **\$2,135,529 NGF**

Fiscal Year 2008-09 (2% increase in vaccine cost = \$97.92 per dose)
(Females born 1998)

47,057 students – 11,764 students requesting waiver = 35,293 students
 35,293 x 35% = 12,353 students to be vaccinated at health departments

General Fund:

12,353 x 25% = 3,088 students vaccinated with state funds
 Cost of vaccine = \$907,131 Cost of administration = \$101,904

HPV total = **\$1,009,035 GF**

Non-General Fund:

12,353 x 75% = 9,265 students vaccinated with VFC funds
 Cost of administration = \$305,745

HPV total = **\$305,745 NGF**

Fiscal Year 2009-2010 (2% increase in vaccine cost = \$99.88 per dose)
(Females born 1999)

47,604 students – 11,901 students requesting waiver = 35,703 students
 $35,703 \times 35\% = 12,496$ students to be vaccinated at health departments

General Fund:

$12,496 \times 25\% = 3,124$ students vaccinated with state funds
Cost of vaccine = \$936,075 Cost of administration = \$103,092

HPV total = **\$1,039,167 GF**

Non-General Fund:

$12,496 \times 75\% = 9,372$ students vaccinated with VFC funds
Cost of administration = \$309,276

HPV total = **\$309,276 NGF**

Fiscal Year 2010-2011 (2% increase in vaccine cost = \$101.88 per dose)
(Females born 2000)

49,432 students – 12,358 students requesting waiver = 37,074 students
 $37,074 \times 35\% = 12,976$ students to be vaccinated at health departments

General Fund:

$12,976 \times 25\% = 3,244$ students vaccinated with state funds
Cost of vaccine = \$991,496 Cost of administration = \$107,052

HPV total = **\$1,098,548 GF**

Non-General Fund:

$12,976 \times 75\% = 9,732$ students vaccinated with VFC funds
Cost of administration = \$321,156

HPV total = **\$321,156 NGF**

Fiscal Year 2011-2012 (2% increase in vaccine cost = \$103.92 per dose)
(Females born 2001)

49,266 students – 12,317 students requesting waiver = 36,950 students
 $36,950 \times 35\% = 12,933$ students to be vaccinated at health departments

General Fund:

$12,933 \times 25\% = 3,233$ students vaccinated with state funds
cost of vaccine = \$1,007,920 Cost of administration = \$106,689

HPV total = **\$1,114,609 GF**

Non-General Fund:

$12,933 \times 75\% = 9,700$ students vaccinated with VFC funds
Cost of administration = \$320,100

HPV total = \$320,100 NGF

9. Specific agency or political subdivisions affected: Virginia Department of Health, Virginia Department of Education, Department of Social Services, and Department of Medical Assistance Services.

10. Technical amendment necessary: No.

11. Other comments: This legislation is identical HB 2035 and similar to SB 1230. The NGF impact only covers administrations costs. The actual vaccine itself is provided as direct assistance from the federal government's Center for Disease Control (CDC) in lieu of cash.

Date: 1/22/2007

Document: HB2035

cc: Secretary of Health and Human Resources