

US DVT/PE Statistics

Scope of public health issue

- Deep vein thrombosis (DVT) and pulmonary embolism (PE) are preventable blood clots which affect over 600,000 Americans each year and cause more deaths than breast cancer and AIDS combined.¹
- DVT/PE are a leading cause of preventable hospital deaths in the United States.²
- DVT/PE are the leading cause of maternal death in the United States.³
- One-half of DVT/PE patients will have long-term complications and one-third will have a recurrence within 10 years.⁴
- An estimated \$10 billion in medical costs in the US each year can be attributed to DVT and PE.⁵

Public health funding response

- In the federal budget today, there is no dedicated line-item allocation for DVT/PE.
- For perspective: in the federal FY 14 budget, \$29.7 billion is allocated by name for HIV/AIDS and \$0 for DVT/PE, which kills more Americans.^{6,7}
- DVT/PE has been identified as a national priority by the Surgeon General's 2008 Call to Action, the CDC, the CMS Partnership for Patients and Healthy People 2020, yet no direct line-item funding allocation specifically for DVT/PE was made to support these designations.

¹ Nabel, Elizabeth MD (Director, NIH's National Heart, Lung, and Blood Institute) in the Surgeon General's Call to Action to Prevent Deep Vein Thrombosis and Pulmonary Embolism US Department of Health and Human Services 2008 p. 5.

² Baglin TP, White K, Charles A. Fatal pulmonary embolism in hospitalized medical patients. J Clin Pathol 1997;50(7):609-10

³ Berg CJ, Atrash HK, Koonin LM, Tucker M. "Pregnancy-related mortality in the United States 1987-1990". Obstet Gynecol 1996;88(2):161-7 Also see Marik. P.E. and Plante, L.A. "Venous Thromboembolic Disease and Pregnancy". New England Journal of Medicine, volume 359, number 19, November 6, 2008, pages 2025-2033.

⁴ Beckman MG, Hooper WC, Critchley SE, Ortel TL. Venous thromboembolism: a public health concern. Am J Prev Med. 2010 Apr;38(4 Suppl):S495-501.

⁵ Gross, Scott. CDC "Incidence based cost-estimates require population based incidence data" 2012 <http://www.cdc.gov/ncbddd/Grosse/cost-grosse-Thrombosis.pdf>

⁶ Federal funding HIV/AIDS <http://kff.org/global-health-policy/fact-sheet/u-s-federal-funding-for-hiv-aids-the-presidents-fy-2014-budget-request/>

⁷ CDC FY 2015 budget http://www.cdc.gov/fmo/topic/Budget%20Information/appropriations_budget_form_pdf/FY2015_Budget_Request_Summary.pdf