



HPTN
HIV Prevention
Trials Network

NIAID: State of the Institute and Priorities in HIV/AIDS Research

Anthony S. Fauci, M.D.
Director
National Institute of Allergy and Infectious Diseases
National Institutes of Health
April 12, 2017

Price Replaces Burwell as HHS Secretary



Thomas E. Price, M.D.



Sylvia Mathews Burwell

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THE HILL
January 13, 2017

White House Holds Disaster-Response Exercise with Trump Officials



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NIH RECORD
March 24, 2017

Price Makes First Visit to NIH as HHS Secretary, February 21, 2017



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Published online January 19, 2017

Science

Trump Asks NIH Director Francis Collins to Stay On

Jocelyn Kaiser



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Califf Resigns as FDA Commissioner; Ostroff Acting



Robert M. Califf, M.D.



Stephen Ostroff, M.D.

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Gottlieb Nominated to be FDA Commissioner



Scott Gottlieb, M.D.

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Frieden Resigns as CDC Director; Schuchat Acting



Thomas R. Frieden, M.D., M.P.H.



Anne Schuchat, M.D., M.P.H.

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Erbelding Named Director of NIAID Division of Microbiology and Infectious Diseases (DMID)



Emily J. Erbelding, M.D., M.P.H.

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Budget Update

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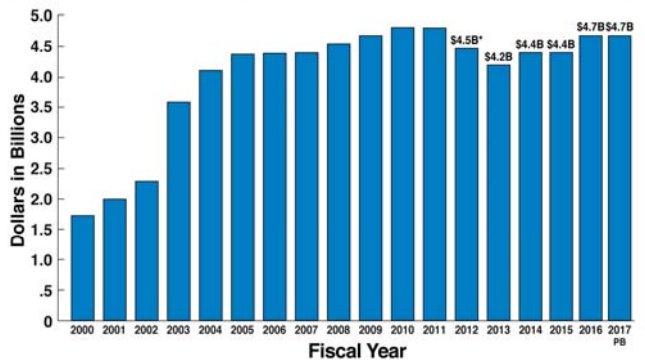
National Institutes of Health Budget Comparison by Institute/Center (Dollars in Thousands)

IC	FY 2016 Enacted	FY 2017 President's Budget	Percent Change
NCI ¹	\$ 5,213,509	\$ 5,893,509	13.0%
NIAID ²	4,715,697	4,715,697	0.0%
NHLBI	3,113,533	3,113,533	0.0%
NHGRI	513,227	513,227	0.0%
NCATS	685,417	685,417	0.0%
NIGMS	2,512,437	2,512,437	0.0%
NIA	1,598,246	1,598,246	0.0%
Other ICs	\$ 12,259,220	\$ 12,259,220	0.0%
Subtotal	\$ 30,611,286	\$ 31,291,286	2.2%
OD ³	1,571,200	1,716,200	9.2%
B&F	128,863	128,863	0.0%
Total	\$ 32,311,349	\$ 33,136,349	2.6%

¹Increase of \$680M for National Cancer Moonshot Initiative
²FY 2016 enacted excludes \$81M in Zika funding from HHS Ebola funds and Secretary's transfer from other NIH ICs
³Increase of \$100M for Precision Medicine Initiative and \$45M for BRAIN Initiative

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NIAID Funding, FY 2000-2017



*Beginning in FY 2012, budget no longer passes through funds to the Global Fund.

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Status of FY 2017 Budget

- No HHS appropriation enacted for FY 2017
- Operating under a Continuing Resolution (CR) until April 28, 2017

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Three Possible Scenarios Upon Conclusion of Continuing Resolution on April 28, 2017

- Continuing resolution (CR) extended
- CR replaced by Omnibus bill that cuts/increases/maintains current funding level
- Closure of federal government

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NIAID FY 2017 Interim Financial Management Plan

- R01 Payline
 - Established PI: 10th percentile
 - New PI: 14th percentile
- Non-competing and competing grants: No adjustments
- Competing research initiatives: Cut up to 10%
- Estimated success rates: 20-22%

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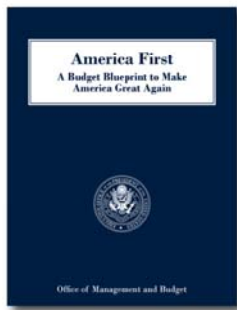
FY 2018 President's Budget Request



- Feb. 6, 2017 statutory deadline missed for submission; release now expected mid-May 2017

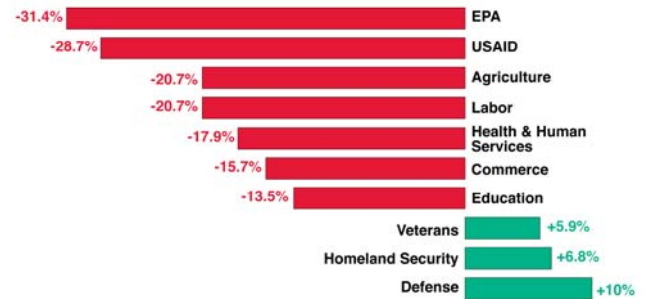
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White House Releases Budget Blueprint ("Skinny Budget") - March 16, 2017



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Proposed Cuts/Increases to Selected Agencies in Budget Blueprint



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NIH-Specific Language in Budget Blueprint

- FY 2018 funding would be \$25.9 billion, a \$5.8 billion (-18%) cut from the FY 2017 Continuing Resolution (CR) level
- Major reorganization of NIH's Institutes and Centers
 - Eliminating the Fogarty International Center
 - Consolidating the Agency for Healthcare Research and Quality (AHRQ) within NIH
 - Other consolidations and structural changes across NIH organizations and activities

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How does an NIH institute absorb an 18 percent cut in its base budget?

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HIV-Related Language in Budget Blueprint

- **PEPFAR:** "Provides sufficient resources to maintain current commitments and all current patient levels on HIV/AIDS treatment..."
- **Global Fund:** "Meets U.S. commitments to the Global Fund... by providing 33 percent of projected contributions from all donors, consistent with the limit currently in law."
- **Ryan White HIV/AIDS Program:** A "high priority."

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Budget Hearing - National Institutes of Health
 Tuesday, March 21, 2017 10:00 AM in 2358-C Rayburn
 Labor, Health and Human Services, Education, and Related Agencies

- Witnesses
- Dr. Francis Collins
 Director, National Institutes of Health
 - Dr. Anthony S. Fauci
 Director, National Institute of Allergy and Infectious Diseases
 - Dr. Gary Gibbons
 Director, National Heart, Lung, and Blood Institute
 - Dr. Joshua Gordon
 Director, National Institute of Mental Health
 - Dr. Doug Lowy
 Director, National Cancer Institute
 - Dr. Nora Volkow
 Director, National Institute on Drug Abuse

POSTPONED

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Budget Cut for FY 2017?

STAT
 March 28, 2017

White House Proposes New, Sweeping Budget Cuts at NIH



WASHINGTON — The White House is proposing a \$1.2 billion cut this year (FY 2017) to the National Institutes of Health's budget, targeting research grants....

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STAT
 March 29, 2017


That \$1.2B Cut to the NIH this Year? Going Nowhere, Key GOP Congressman Says



U.S. Representative Tom Cole (R-OK)

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**The President Proposes
a Budget**



**The Congress Determines
the Budget**

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The “Mexico City” Policy

- On Jan. 23, 2017 President Donald Trump reinstated the Mexico City Policy via presidential memorandum.
- The policy requires foreign NGOs to certify that they will not “perform or actively promote abortion as a method of family planning” with non-U.S. funds as a condition for receiving U.S. global family planning assistance, and, as of Jan. 23, any other U.S. global health assistance.
- First announced in 1984 by the Reagan administration, the policy has been rescinded and reinstated by subsequent administrations along party lines. It has been in effect for approximately 17 of the past 32 years.

Source: KFF, 3/2017

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**Legislative
Update**

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Senate Leadership in 115th Congress

- Majority Leader: Mitch McConnell (R-KY) 
- Minority Leader: Chuck Schumer (D-NY) 

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House Leadership in 115th Congress

- House Speaker: Paul Ryan (R-WI) 
- Majority Leader: Kevin McCarthy (R-CA) 
- Minority Leader: Nancy Pelosi (D-CA) 

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Senate Committee Leadership

- Senate Appropriations Committee
 - Chair: Thad Cochran (R-MS) 
 - Ranking Member: Patrick Leahy (D-VT) 
- Labor-HHS Appropriations Subcommittee
 - Chair: Roy Blunt (R-MO) 
 - Ranking Member: Patty Murray (D-WA) 

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House Committee Leadership

- **House Appropriations Committee**
 - Chair: Rodney Frelinghuysen (R-NJ)
 - Ranking Member: Nita Lowey (D-NY)
- **Labor-HHS Appropriations Subcommittee**
 - Chair: Tom Cole (R-OK)
 - Ranking Member: Rosa DeLauro (D-CT)
- **House Energy and Commerce Committee**
 - Chair: Greg Walden (R-OR)
 - Ranking Member: Frank Pallone (D-NJ)



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Visit of House Labor-HHS Appropriations Subcommittee to NIH, Feb. 6, 2017



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HIV Prevention in The NIH HIV Research Agenda

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HANDS UP FOR
#HIVPREVENTION

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The Global HIV/AIDS Pandemic: Current Estimates

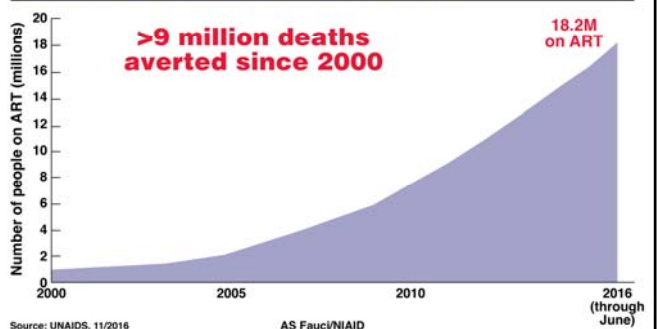
- **36.7 million people living with HIV (end-2015)**
- **1.1 million AIDS deaths in 2015**
- **2.1 million new HIV infections in 2015**



Source: UNAIDS, 11/2016

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Number of HIV-Infected People Globally Receiving Antiretroviral Therapy (ART), 2000-6/2016



Source: UNAIDS, 11/2016

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The Global HIV/AIDS Pandemic: Current Estimates

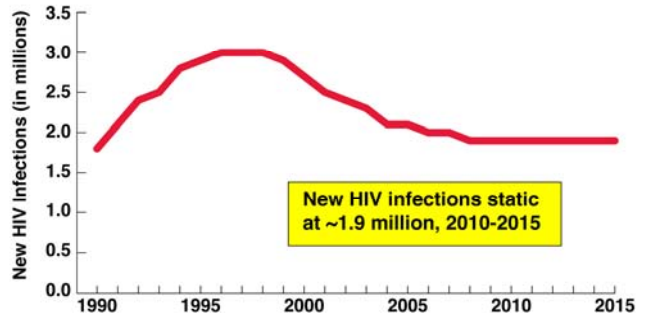
- 36.7 million people living with HIV (end-2015)
- 1.1 million AIDS deaths in 2015
- Decline of 43% since 2003
- 2.1 million new HIV infections in 2015



Source: UNAIDS, 11/2016

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New HIV Infections Globally Among People Aged ≥15 Years, 1990-2015



Source: UNAIDS, 2016

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KEY POPULATIONS

Members of key populations (and their sexual partners) accounted for 45% of new HIV infections globally in 2015

- Sex workers
- People who inject drugs
- Transgender people
- Prisoners
- MSM

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HIV/AIDS in Women

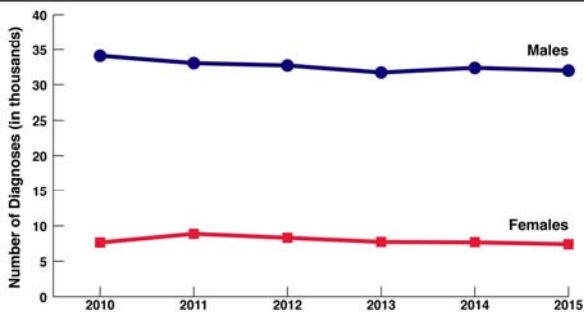


- 17.8 million women living with HIV globally
 – 285,000 women living with HIV in U.S.
- Of 5,300 new adult HIV infections/day globally
 – 47% are among women
 – 20% are among women aged 15-24 yrs.

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Sources: UNAIDS, CDC.

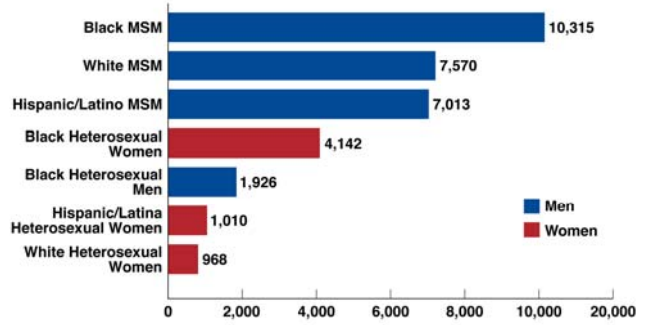
Diagnoses of HIV Infection among Adults and Adolescents, by Sex, 2010-2015 – United States



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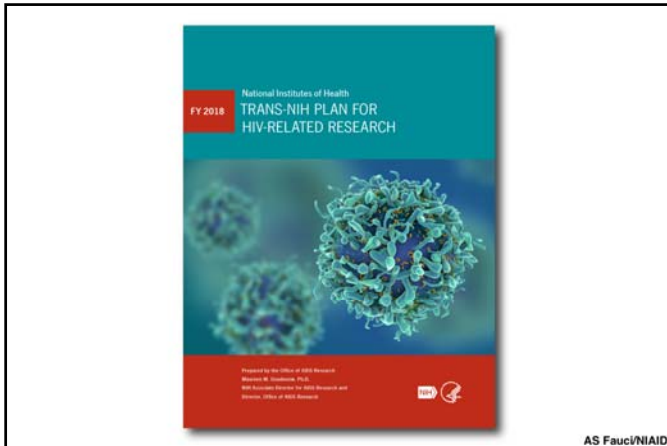
Source: CDC, 11/2016

New HIV Diagnoses in the United States for the Most-Affected Subpopulations, 2015




Source: CDC, 11/2016

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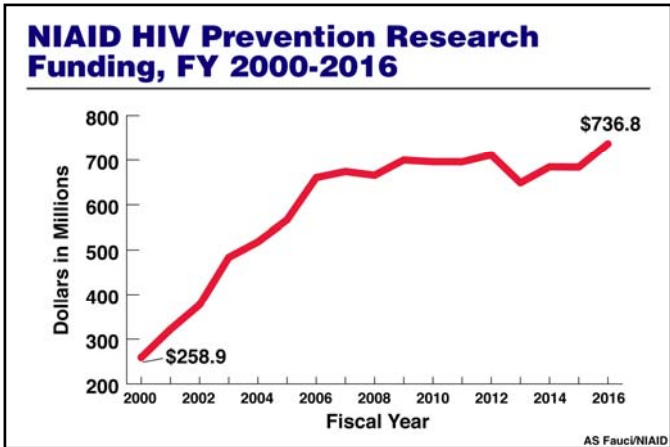
NIH HIV/AIDS Research: Four Focus Areas

- Prevention (including vaccines)
- Novel/innovative therapies
- Cure
- Co-morbidities (infectious and non-infectious)



NIH HIV/AIDS Research: Four Focus Areas

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NIAID HIV Prevention Research Funding, FY 2016

	\$(Millions)
Epidemiology of Transmission	19.1
Biology of Transmission	17.5
Microbicides	84.2
Vaccines	533.7
Behavioral Prevention	23.9
Antiretrovirals as Prevention	58.3
Total NIAID HIV Prevention	\$736.8
Total NIAID HIV/AIDS	\$1.67 Billion

Major NIAID-Supported HIV Prevention Trials, 2016-2017

- Dapivirine vaginal ring
- Antibody-mediated Prevention (AMP)
- HIV vaccines
- Long-acting, injectable ARVs for PrEP



**Ending the HIV-AIDS Pandemic —
Follow the Science**

AS Fauci & HD Marston

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