



Online Expert Poster Review and Discussion  
ARV Therapies and Therapeutic Strategies  
*Reporting From*  
The 19th Conference on Retroviruses  
and Opportunistic Infections (CROI)  
JOINTLY SPONSORED BY THE POSTGRADUATE INSTITUTE FOR MEDICINE AND VIRALeD, LLC

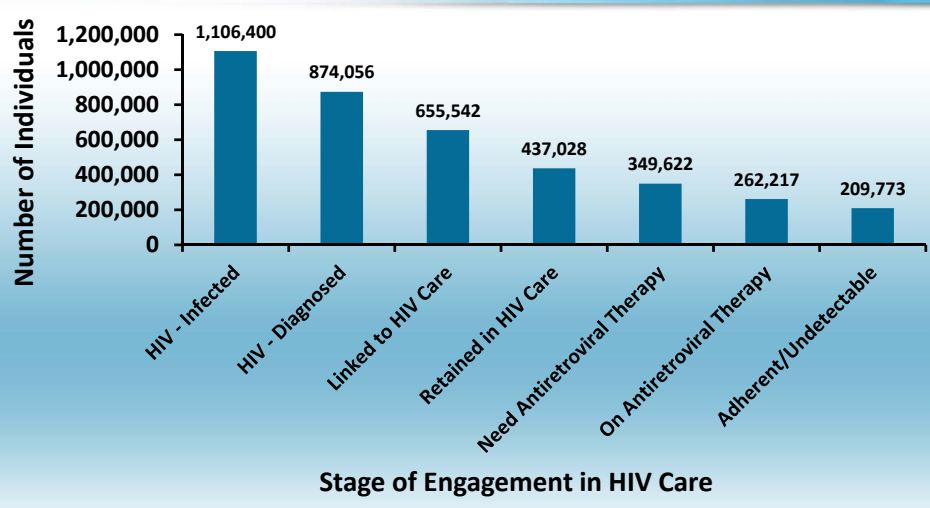
## Nationally Representative Estimates of the Number of HIV+ Adults Who Received Medical Care, Were Prescribed ART, and Achieved Viral Suppression— Medical Monitoring Project, 2009 to 2010: US

Jacek Skarbinski\*, C Johnson, E Frazier, L Beer, E Valverde, and J Heffelfinger

Abstract # 138



## Test and Treat in the US? Only 19% of HIV+ Persons Estimated to be <50 c/ml



Buchbinder S, CROI 2012, abstract #68; Gardner et al, CID 2011;52(6):273



## US HIV+ Care Data 2009-2010

- CDC Medical Monitoring Project
  - Representative national data in 23 cities, states

Living with HIV	1,120,920	<u>% of 1.12M</u>
Diagnosed w/ HIV	941,950 (81%)	81%
In HIV care	421,186 (44%)	37%
Prescribed ART	373,591 (88%)	33%
Viral Load <200 c/ml	287,670 (71%)	26%

- New “Guidelines for Improving Entry Into and Retention in Care and Antiretroviral Adherence for Persons with HIV”
  - Literature review, 325 studies

Skarbinski J et al. 19<sup>th</sup> CROI; Seattle, WA; March 5-8, 2012; Abst. 138.  
 Thompson M et al, Ann Int Med 2012, accessed 3.6.12



## Number Needing Treatment

Meet Criteria for ART	Prescribed ART	Not Prescribed ART	Total
AIDS or Nadir CD4 ≤500 cells/ml	84%	8%	92%
No AIDS & Nadir CD4 >500	5%	3%	8%
<b>Total</b>	<b>89%</b>	<b>11%</b>	

Skarbinski J et al. 19<sup>th</sup> CROI; Seattle, WA; March 5-8, 2012; Abst. 138.



## Life Expectancy for HIV+ in US

- NA- ACCORD estimates by year periods

LE for 20 Year OLD	
1996-9	26.7 years
2006-7	52.3 years

- Comparable in men and women in all periods, except 2006-7, men 54.7 years and women 46.1 years
  - Lower for IDUs vs MSM, 42.8 vs 58.6 years
  - Lower for AAs vs white and Hisp, 50.6 vs 55.7 & 61.1
  - Lower for CD4 cell<100 (18.6) vs > 350 (42.2 yrs)