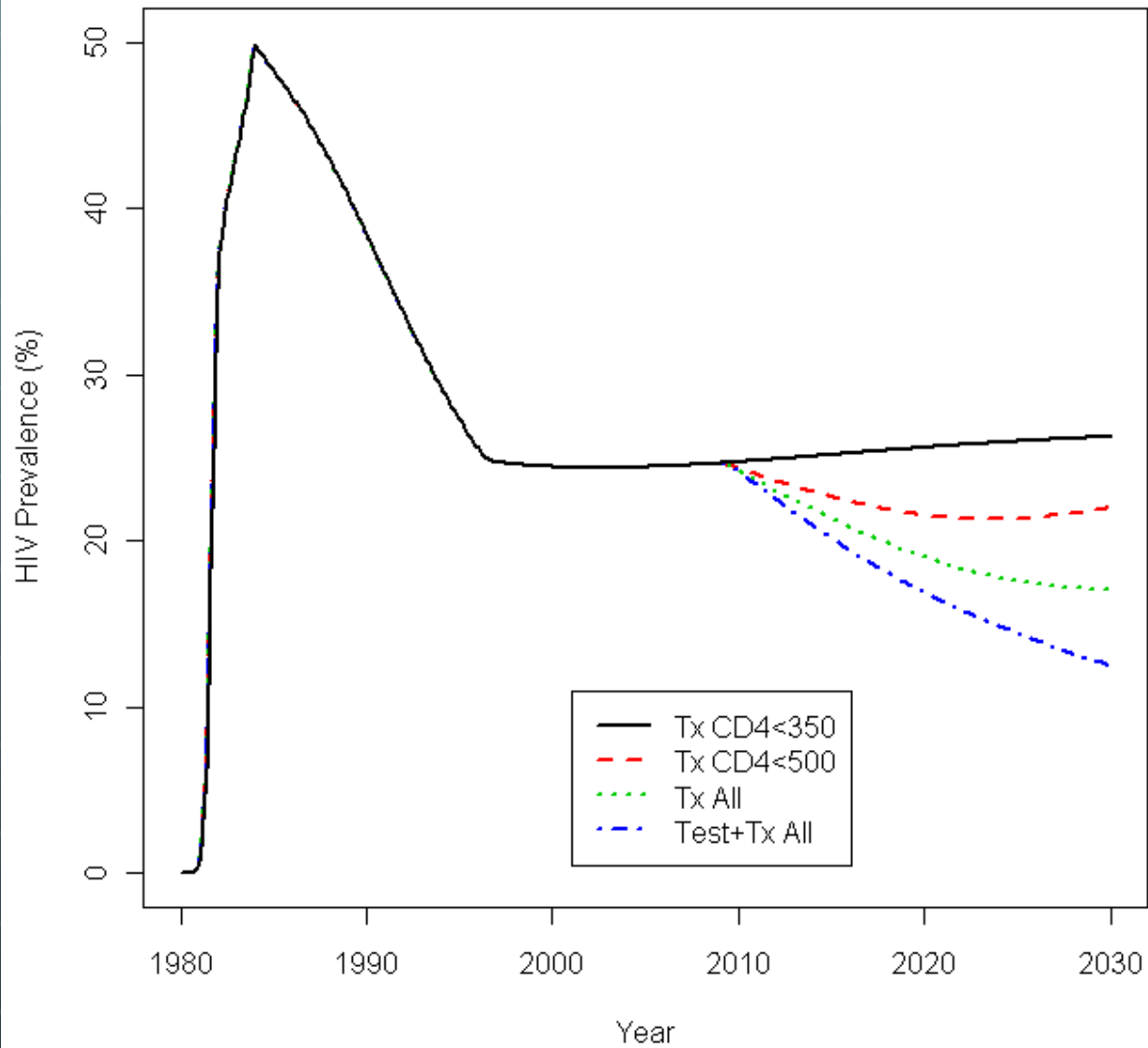


Predicted HIV Prevalence by ART Strategy



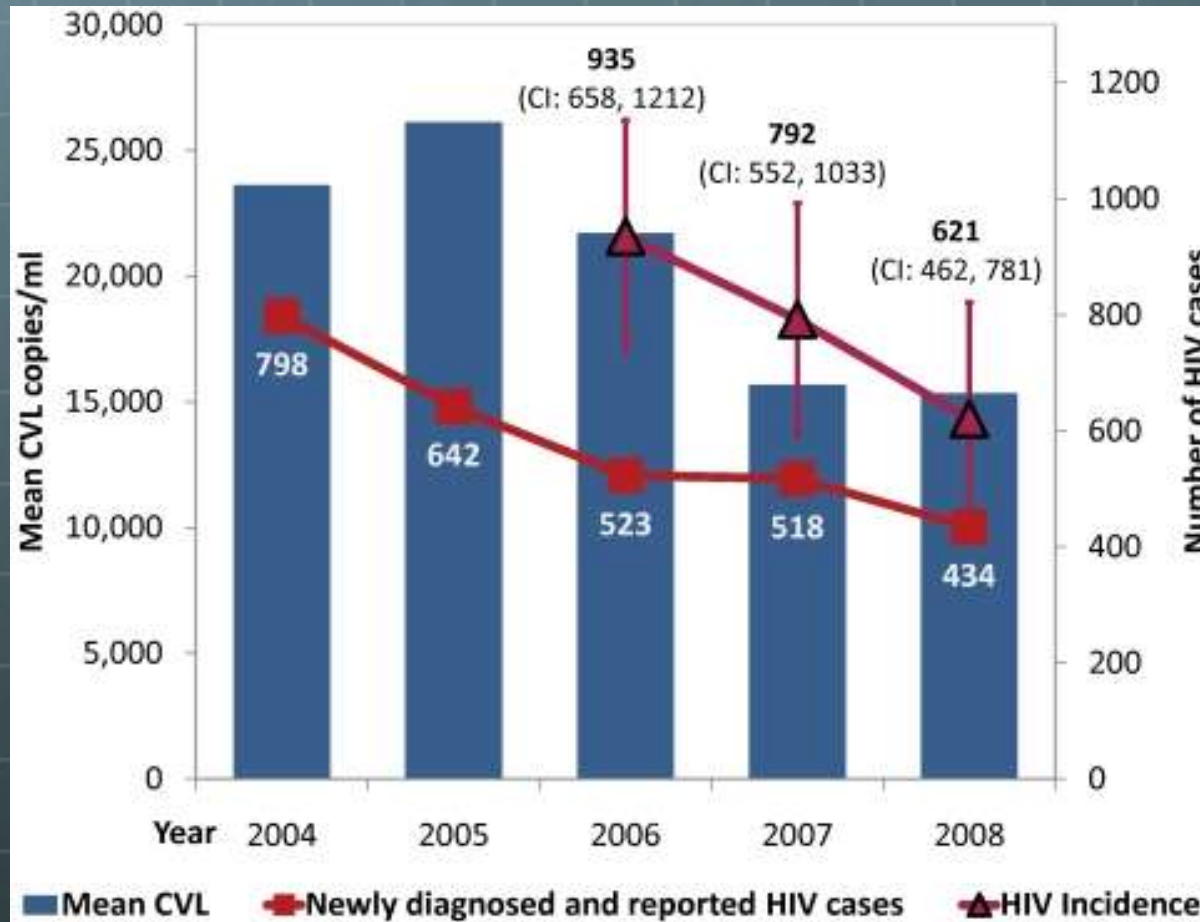
The Data: ART reduced HIV transmission by 92%

	Linked HIV-1 Infection	Person Years	Rate	95% CI
No ART Initiated	102	4,558	2.24	(1.84-2.72)
After ART Initiation	1	273	0.37	(0.09-2.04)

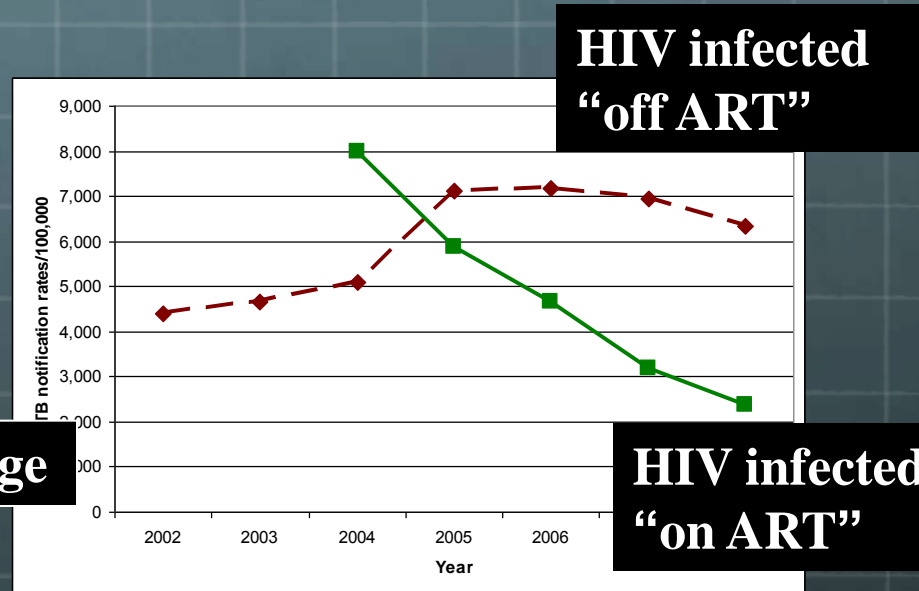
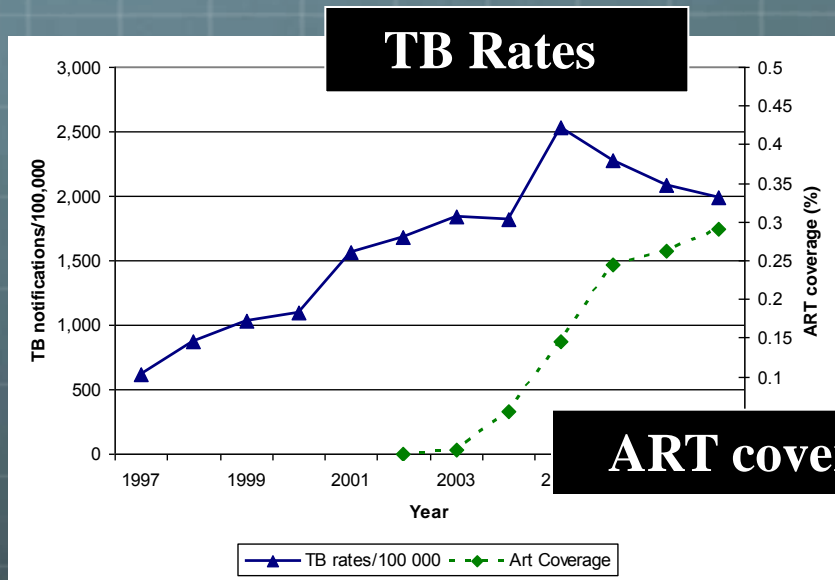
Adjusted* Relative Risk = 0.08 (95% CI 0.002, 0.57), p=0.004

*For time on study and CD4 count

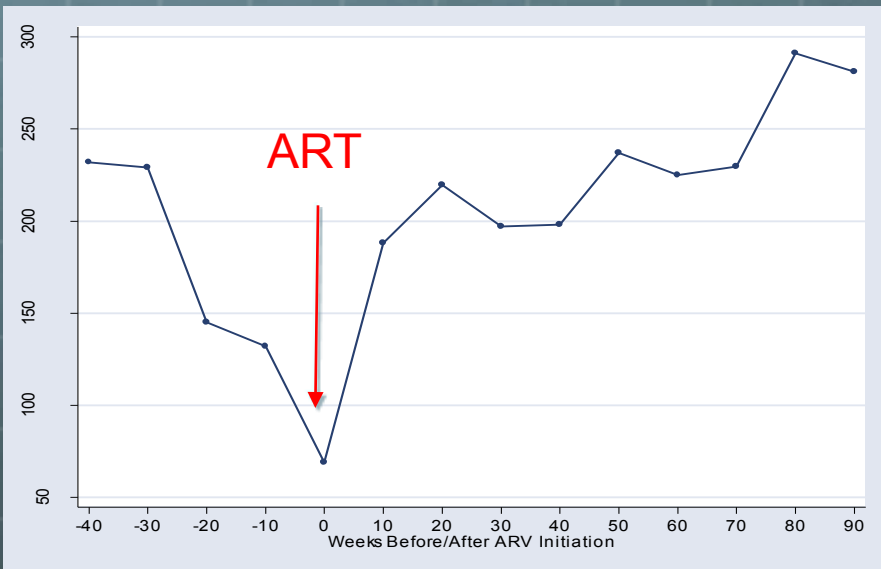
Community Effects: San Francisco



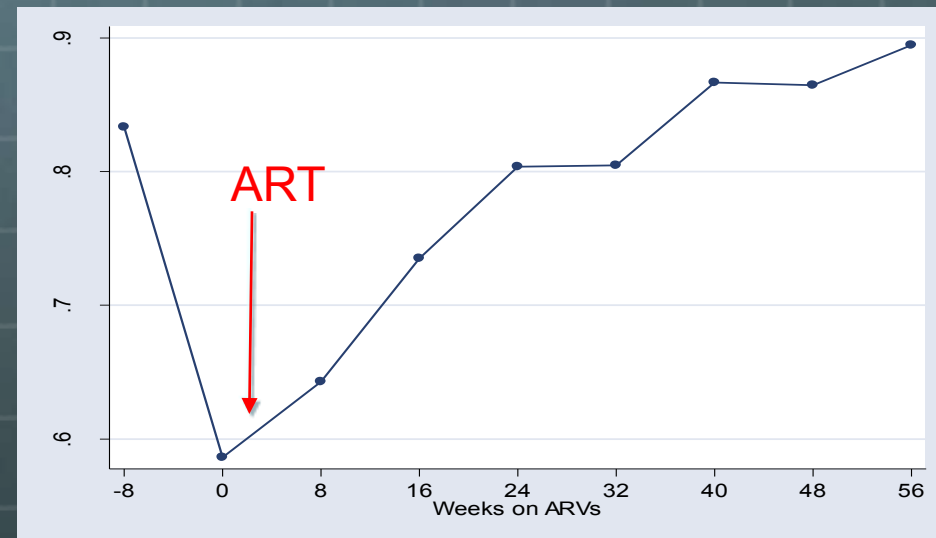
ART reduces TB at a community level



ART increases work force productivity



CD4 counts pre and post ART



Labor Force Participation pre and post ART

Thanks to Antiretroviral Therapy
we can face life



We support each other. We tested positive together. We take AIDS treatment together everyday. We are healthy, strong and productive.

AIDS treatment should be taken under strict medical supervision. Get more information about AIDS treatment at a hospital or health centre where you see the Treat for Life sign.



Study Design

- 🌐 **Clustered community randomized trial in African communities in Uganda, Kenya and Tanzania**
- 🌐 **~20-40 matched communities 10,000 persons per community**
- 🌐 **Communities randomized to universal ART (no CD4 criteria) vs standard of care**
- 🌐 **Studies of health care costing embedded in the study**

East African Communities – Uganda, Kenya, Tanzania

- 🌍 **Similar rates of HIV, TB malaria**
- 🌍 **Low Income countries**
- 🌍 **Demonstrable success with ART implementation**

Important that studies done in East Africa
South Africa represents very different setting