

**An In-depth Examination of an Emerging Population**

**Who Are These Older Adults  
Living with HIV**

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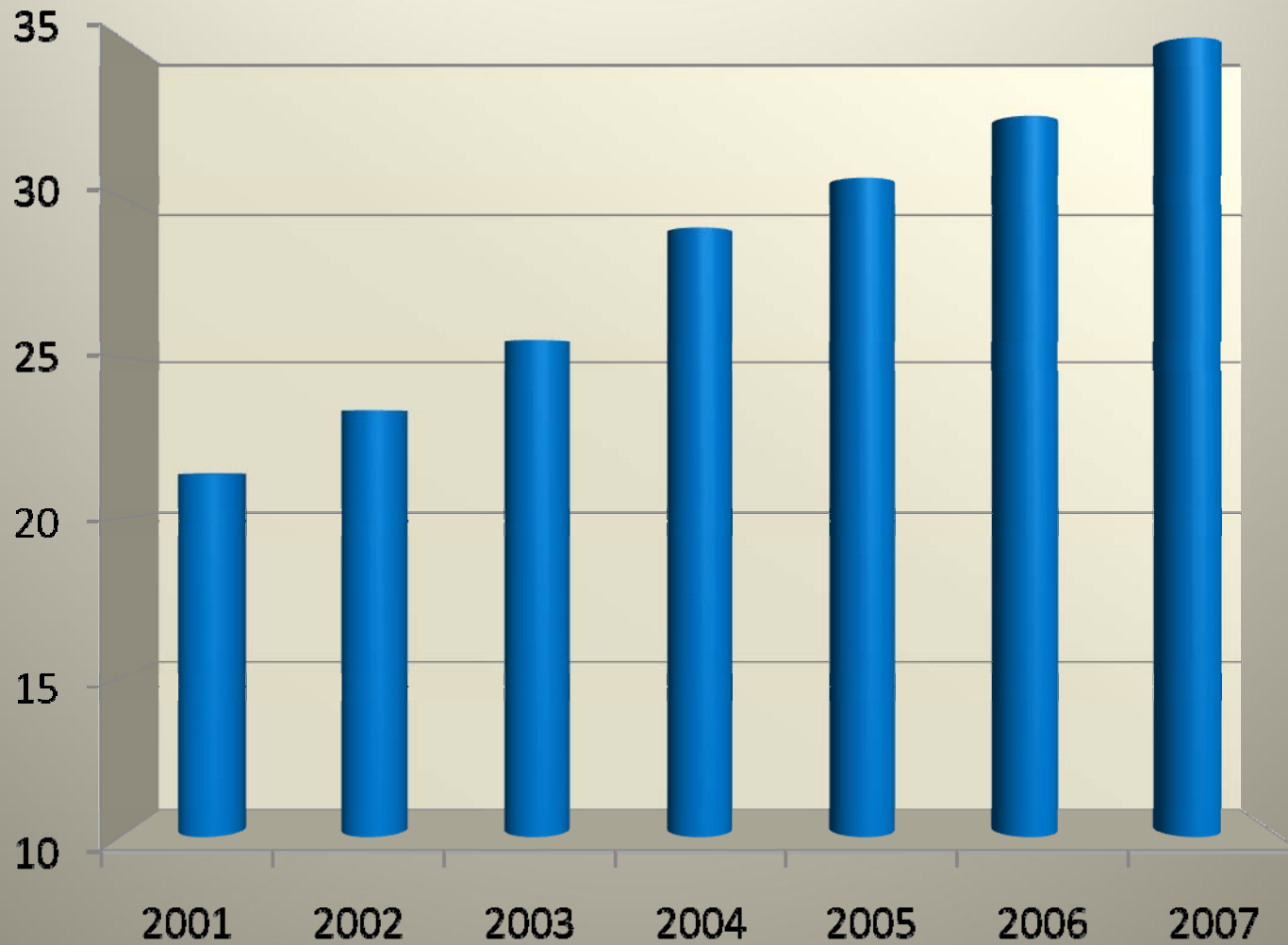
older adults  
and HIV

ACRIA

ancianos y VIH

ACRIA

## Percent of PLWHA in NYC 50 Years and Older (NYCDOH)



**R**esearch on **O**lder **A**dults with **H**IV

**Investigators**

**Stephen E. Karpiak, PhD**

**Mark Brennan, PhD**

**ACRIA Center on HIV and Aging**

# **ROAH**

the book now in press – to be released December 2009

## **Older Adults with HIV: An In-depth Examination of an Emerging Population**

**Editors: M. Brennan, S. E. Karpiak, M. H. Cantor & R. A. Shippy**

Nova Science Publishers

# ROAH Research Collaborators/Advisory Group

Chairperson: *Marjorie Cantor, Emerita Fordham U & Brookdale Scholar*

Stephen Bailous	Office of AIDS Policy, NYC DOH
J. Bookhardt-Murray, MD	Medical Director Harlem United & AIDS Institute NYS
David Dorfman, PhD	Mt. Sinai School of Medicine
Arlene Kochman, MSW	Yale University School of Medicine
Allen Matthews, Mardi Fritz	NYC DOH
Douglas Mendez, MD	Dominican Medical Association
Peter Nwakeze, PhD	NYC Association for HIV Over 50 and Hunter College
Jeffery Parsons, PhD	CHEST & Hunter College
Cynthia Poindexter, PhD	Fordham University Graduate School of Social Service
Bobbie Sackman, MSW	NYC Council of Senior Centers, Director of Public Policy
J. Edward Shaw	NYC Commission on AIDS
J. Lee Westmaas, PhD	SUNY, Dept of Psychology
Desieree Byrd, PhD	NeuroAIDS, Mt Sinai
Richard Havlik, MD	NIA/NIH Section Chief

# ROAH Modules

**Demographics**

**Sexual Behavior**

**Social Networks**

**Psychological Well-Being**

**Distress – Depression**

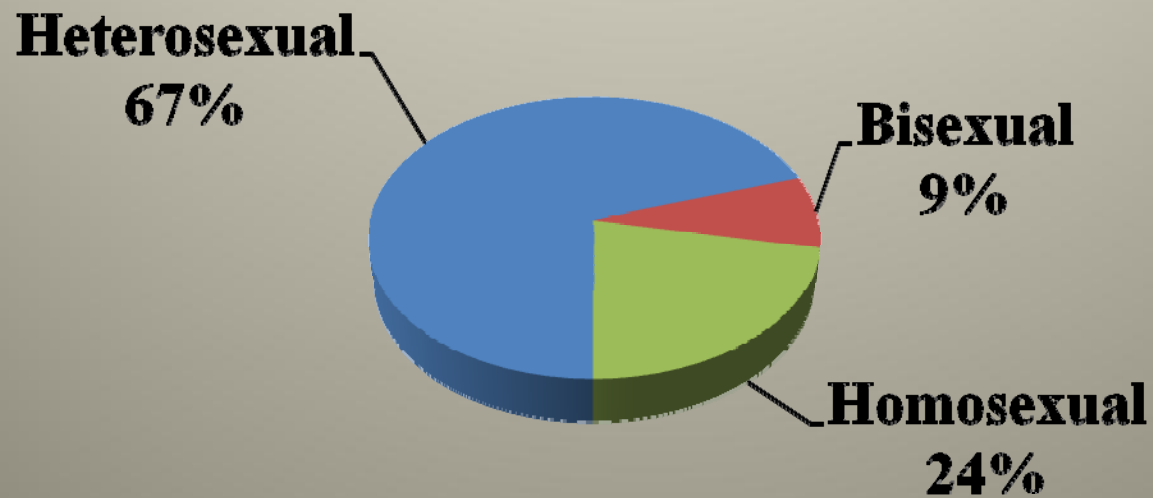
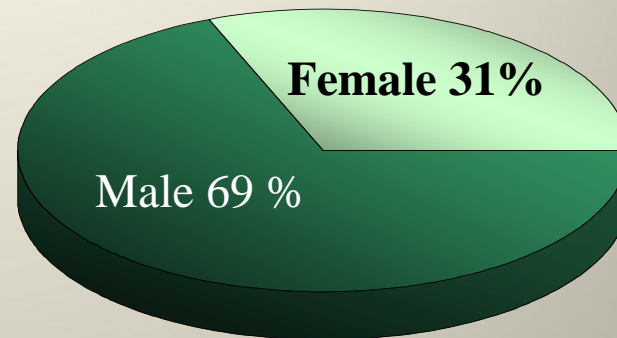
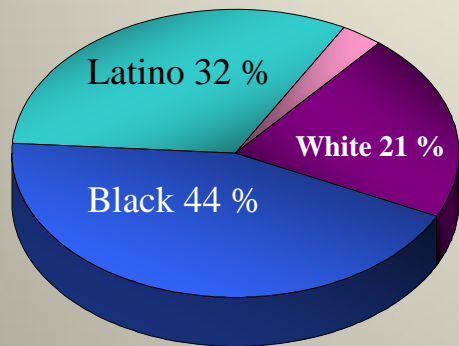
**HIV Status/Health**

**Religiousness & Spirituality**

**Loneliness Among Older Adults**

**HIV Stigma and Disclosure**

# Long-term survivors living with HIV/AIDS for 10 to 25 years



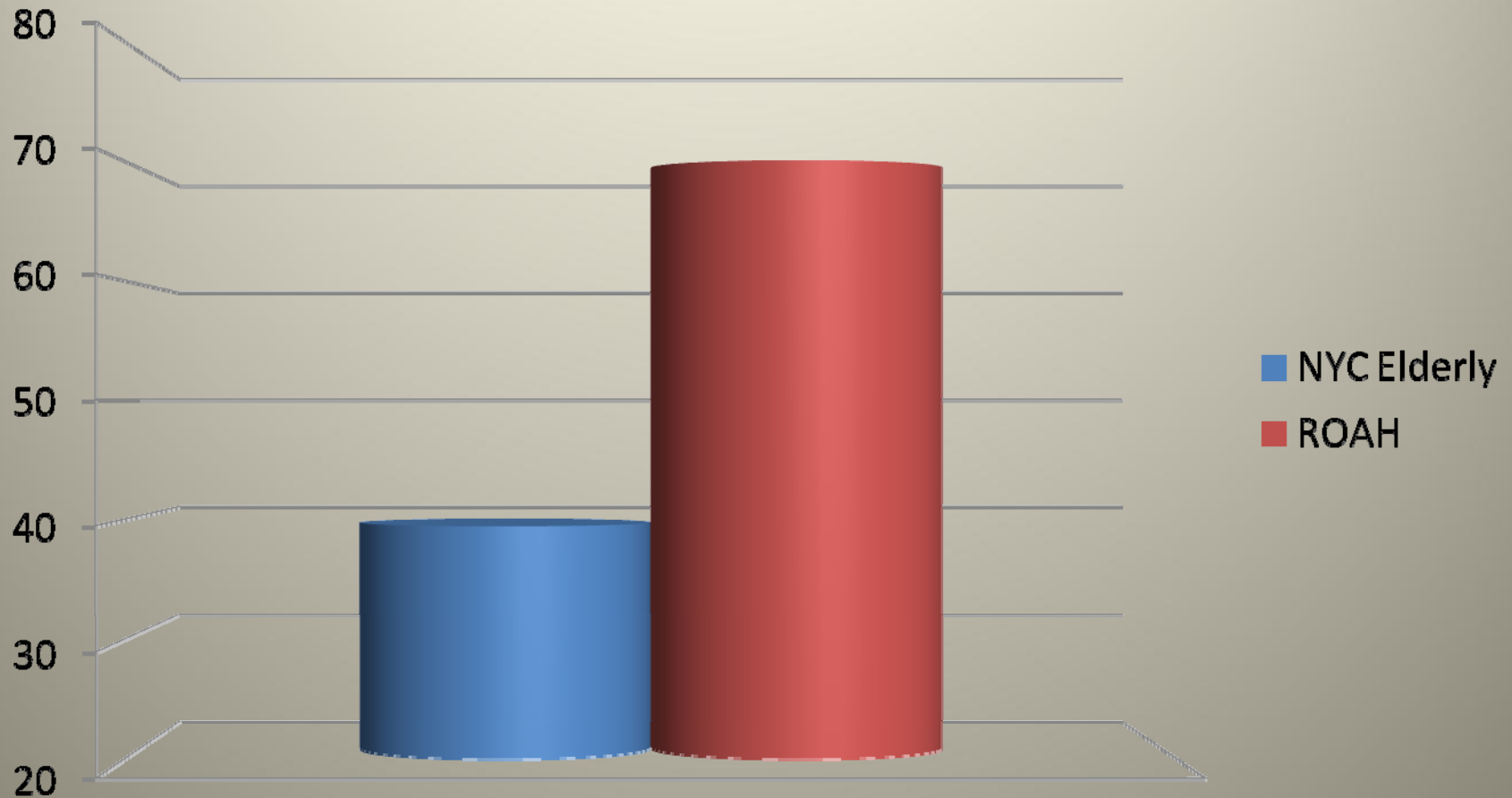


# ROAH HIV Care

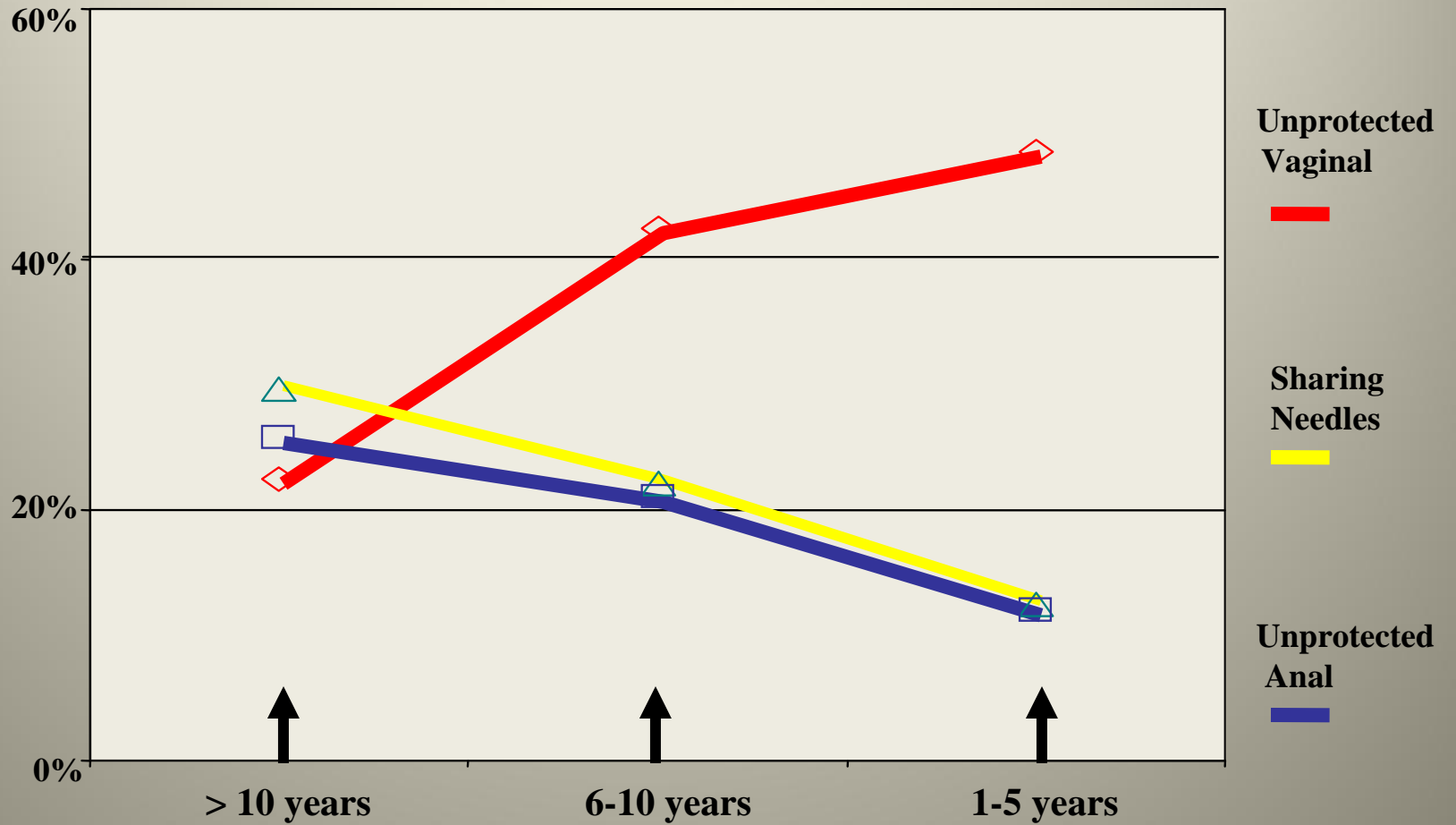
**83% Medicaid Dependent**

<u>Treatment facility</u>	<u>%</u>
– Private physician	21.9
– Public clinic / hospital	58.7
– VA Hospital	4.9
– ASO / day program	17.0

# Percent Living Alone: ROAH vs. Community-Dwelling NYC Elderly



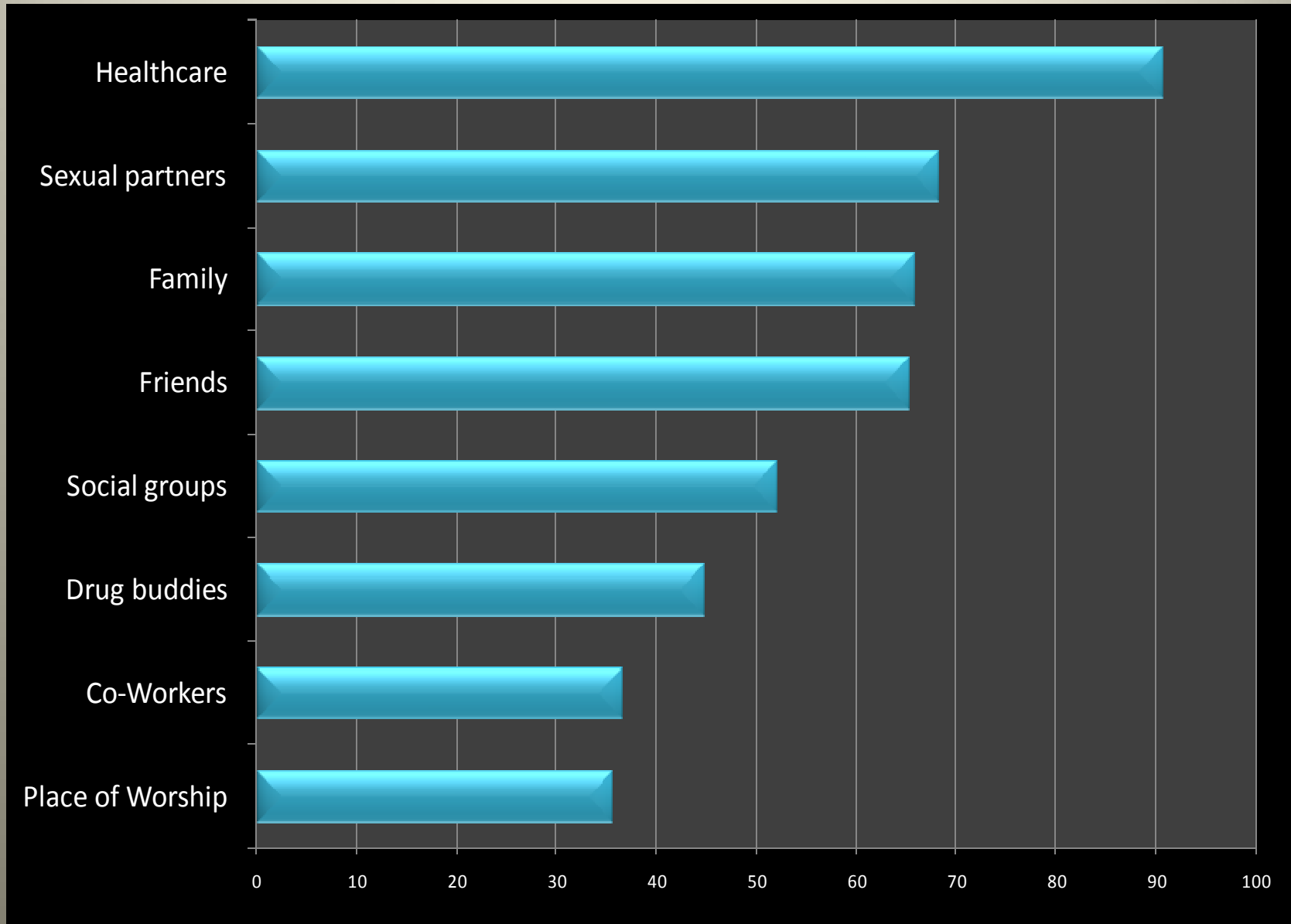
# Transmission Mode in ROAH: The Changing HIV Population



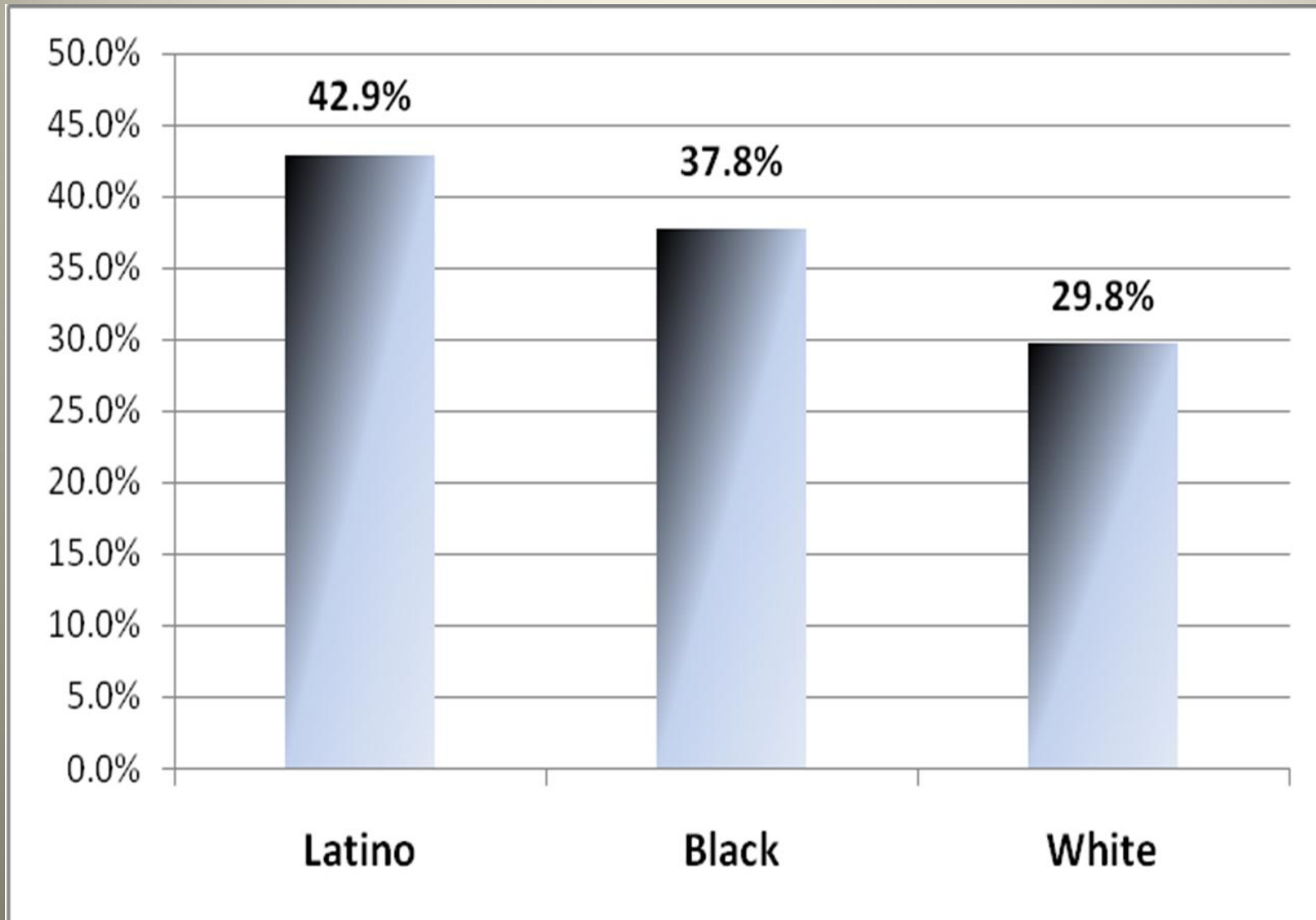
- **More than 80% rely on Medicaid**
- **54% are currently in recovery**
- **Half of their friends do not know they are HIV+**
- **Almost 70% live alone**
- **Only 15% have a spouse or life partner**

Stigma

# ROAH: Disclosure of HIV Status



## Percent Wanting to Disclose HIV Status to Others

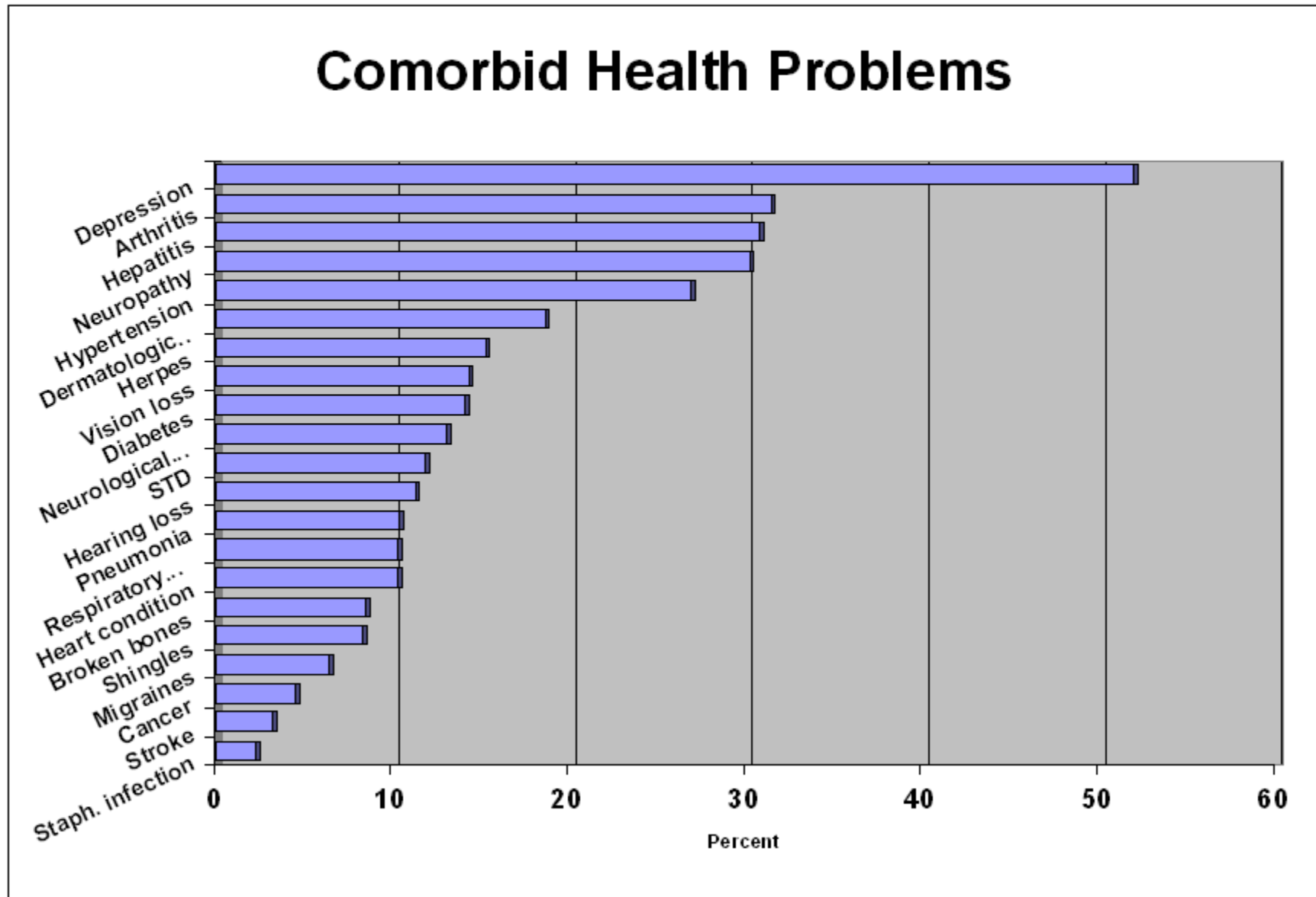


# Comorbidities

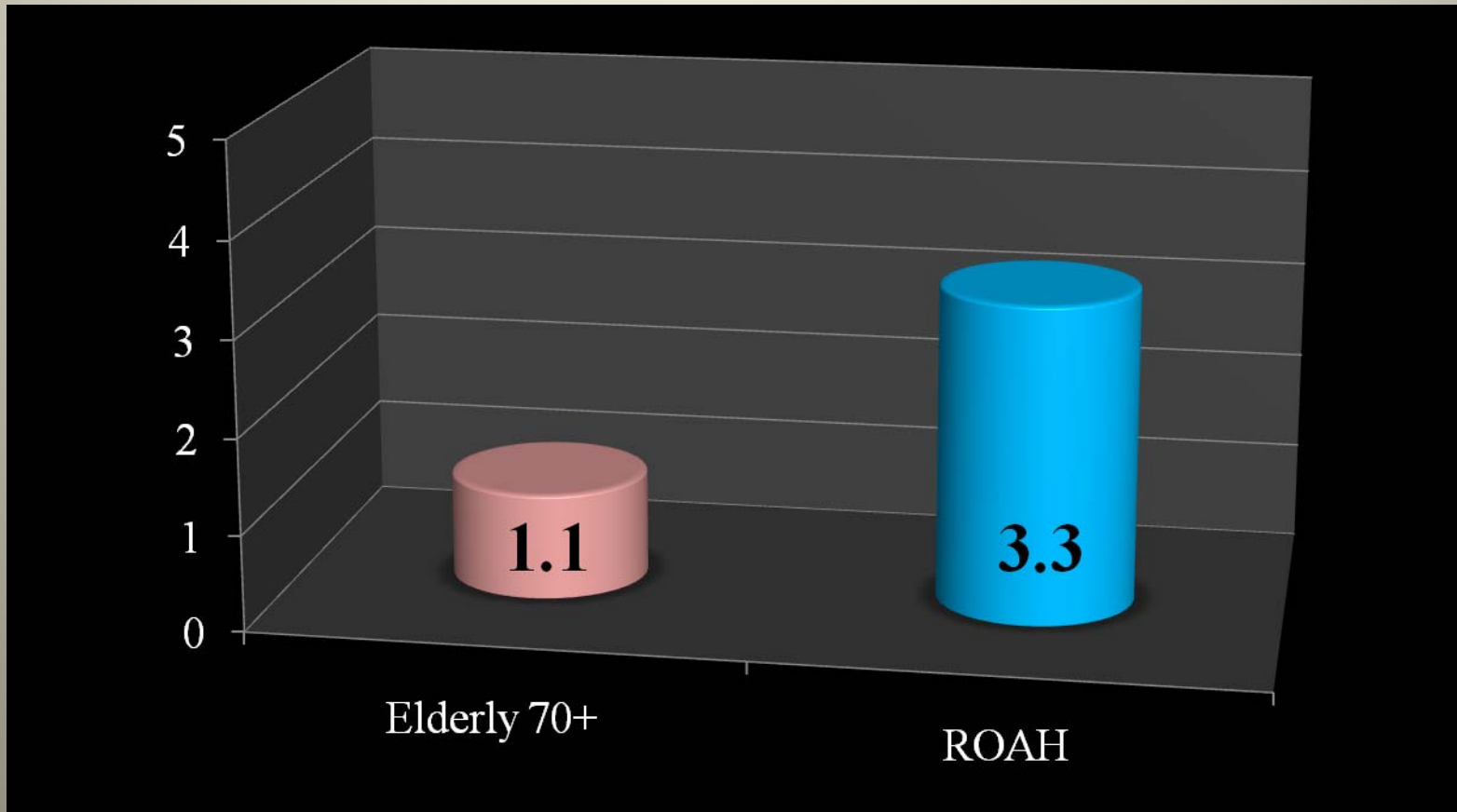


# ROAH Self Report Data

## Comorbid Health Problems



# Average Number of Comorbidities



# Overall Correlation

There was a significant correlation between the number of comorbidities with depressive symptoms (CES-D)  
( $p < 0.01$  2 tailed)

The higher the level of depressive symptoms the more comorbid conditions reported

# Summary

	Significance	% No Depressive Symptoms	% Moderate Depressive Symptoms	% Severe Depressive Symptoms
<b>Vision Loss</b>	p<0.01	18.3	27.5	54.2
<b>Hearing Loss</b>	ns	28.2	21.4	50.5
<b>Dermatological Problems</b>	p<0.05	24.7	23.5	51.8
<b>Heart Condition</b>	p<0.05	26.6	20.2	53.2
<b>Respiratory Condition</b>	p<0.01	20.2	20.2	59.6
<b>Stroke</b>	p<0.05	13.8	41.4	44.8
<b>Diabetes</b>	ns	32.6	19.4	48.1
<b>Broken Bones</b>	p<0.01	19.2	33.3	47.4
<b>Impotence</b>	ns	29.4	21.0	49.6
<b>Neuropathy</b>	ns	33.5	23.6	42.9

# Substance Use

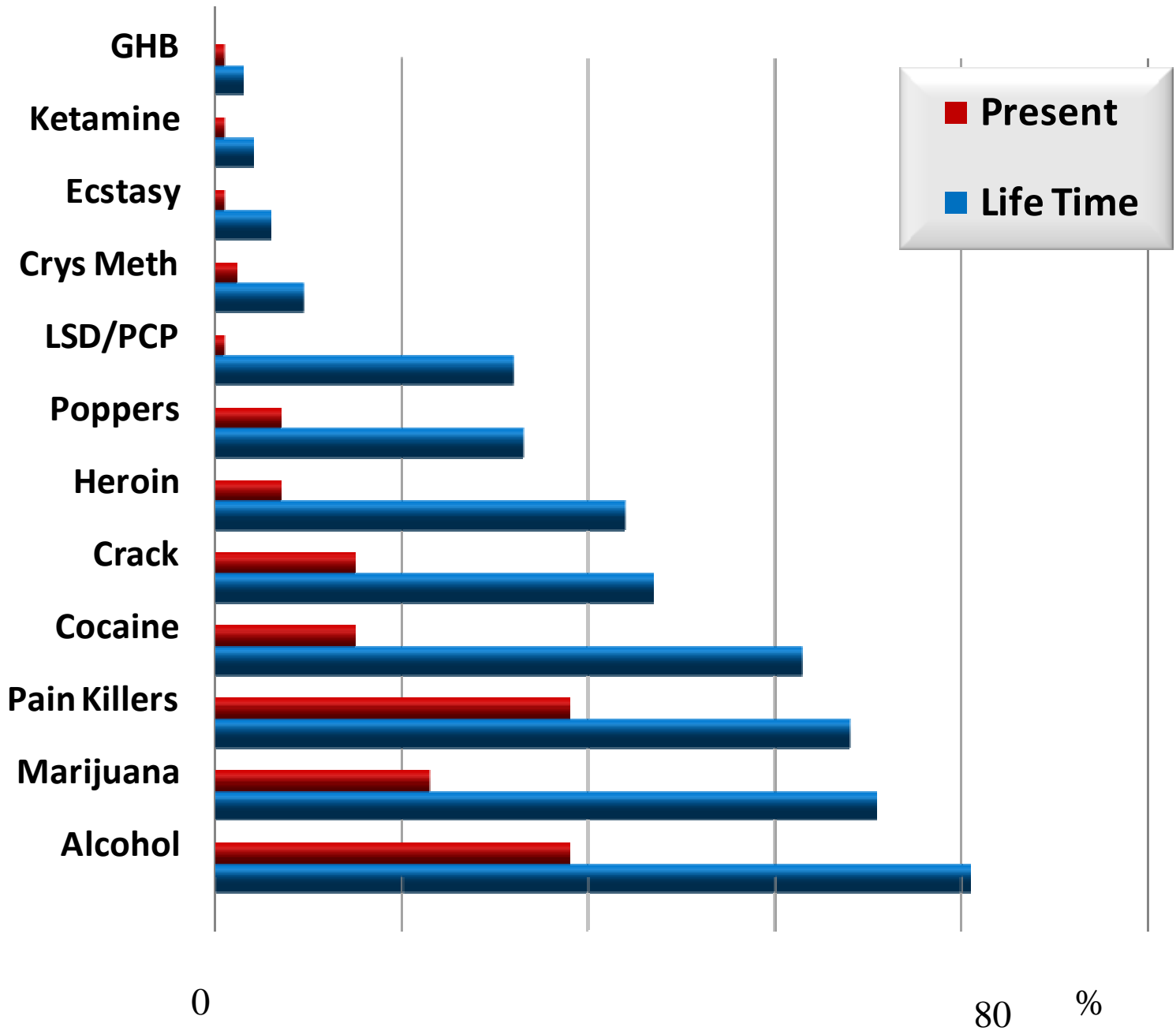
# ROAH: Tobacco Use

Current %

57

History %

84



# ROAH: Substance Use Recovery

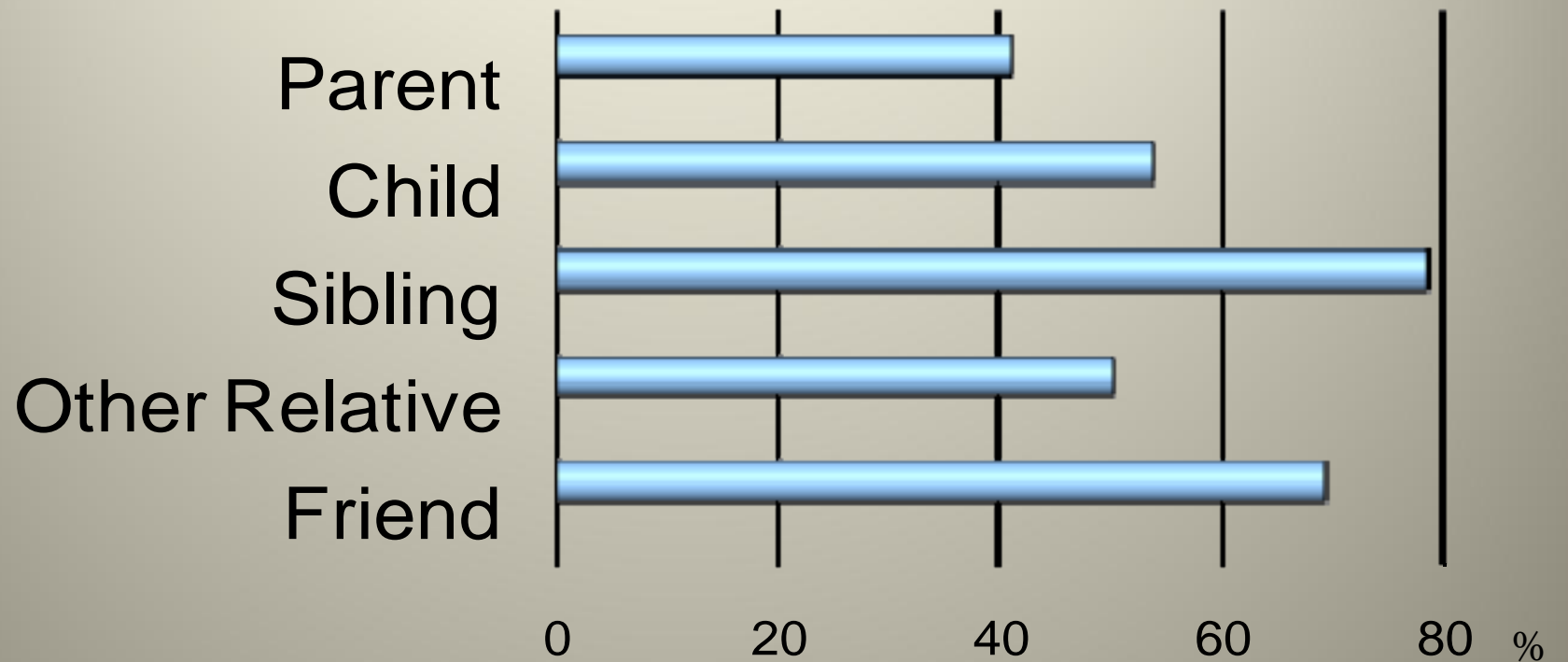
<u>Recovery Status of Substance Users</u>	<u>%</u>
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■ Ever enrolled in 12-step	62
■ Currently in recovery	54
■ No substance use in past 3 months	48
■ In recovery for more than 1 year	44

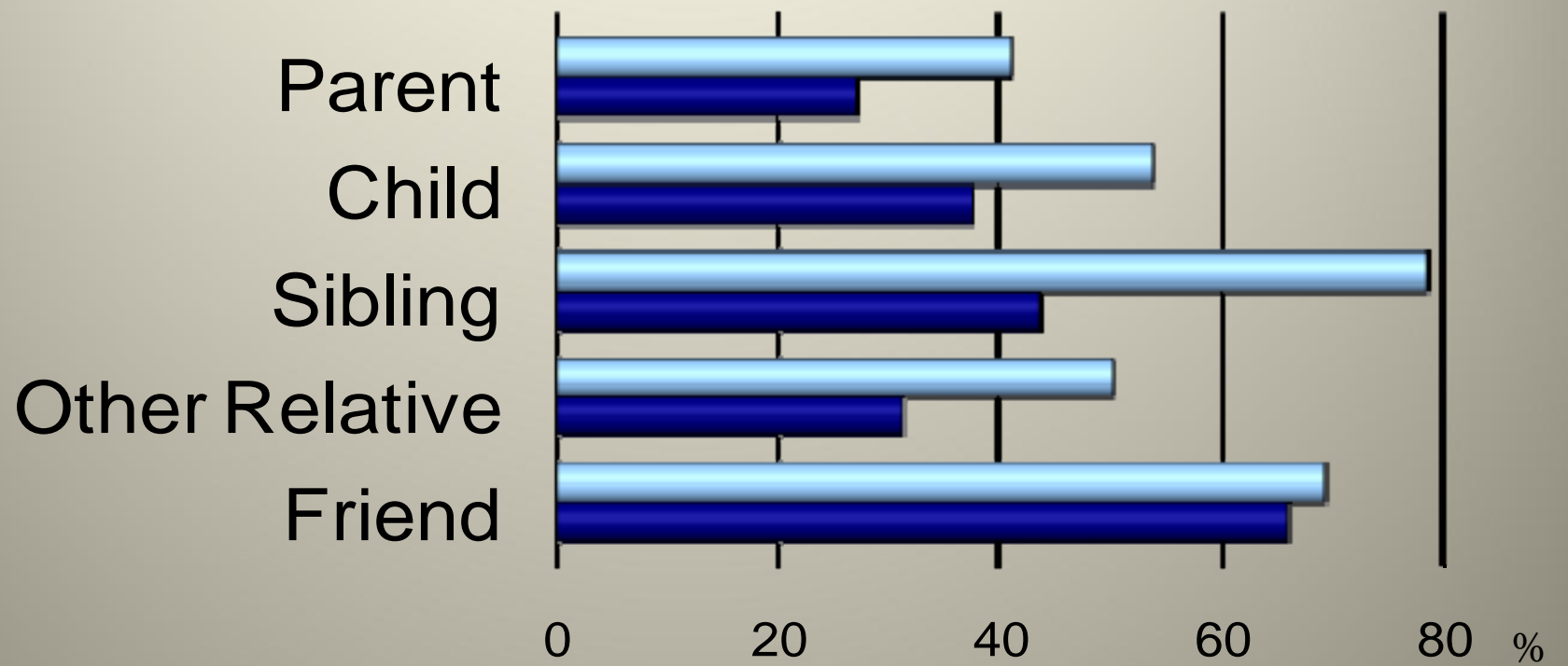


# Social Networks

# ROAH: Informal Network Composition



□ Living



□ Living □ Functional

**CAREGIVERS  
are derived from  
SOCIAL NETWORKS**

**Social networks are a significant healthcare  
resource for aging people**

**350 Billion Dollars Annually**

**Great sex  
After 50!**

**And other outlandish lies  
about getting older**

# ROAH: Sexual Behavior

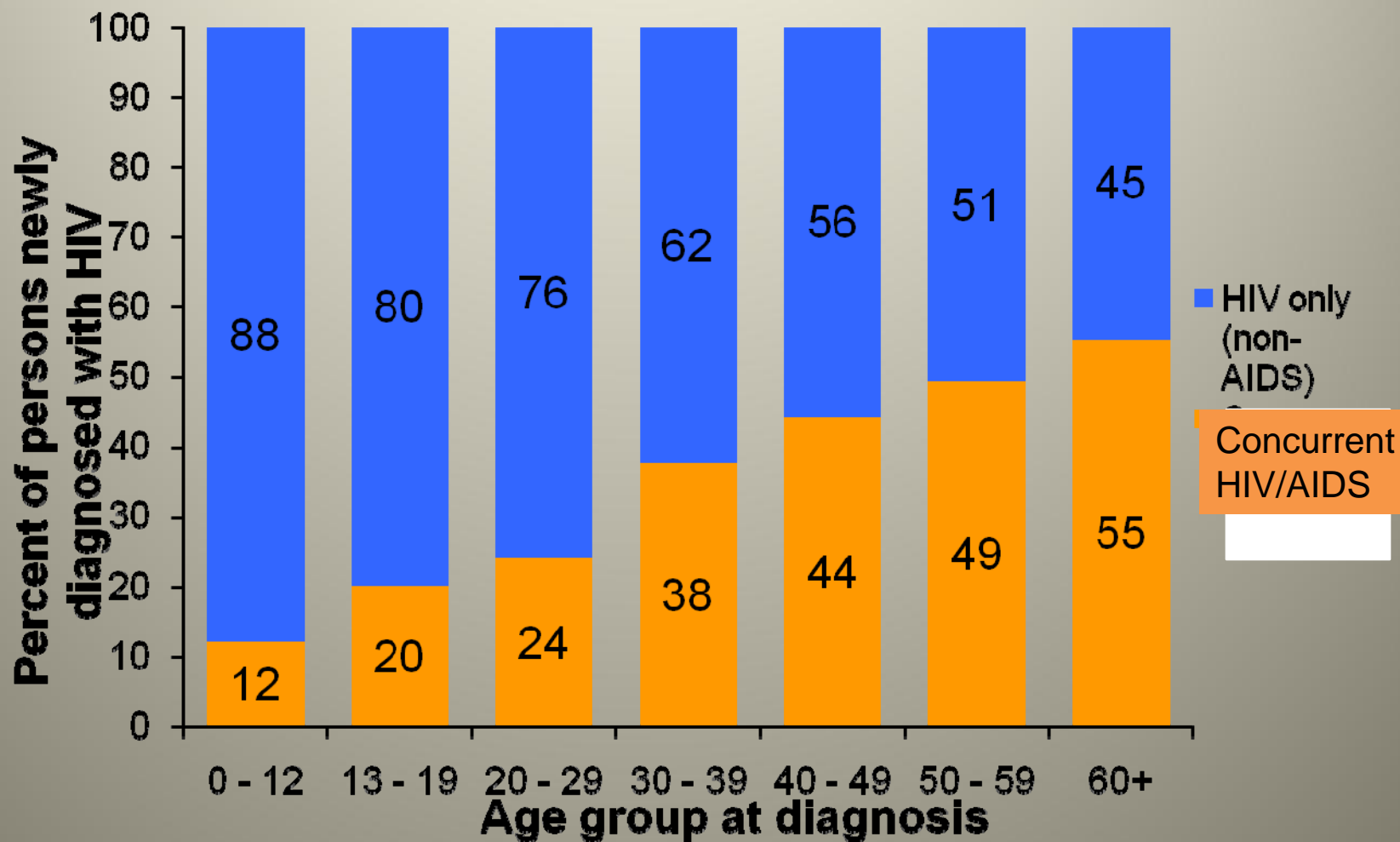
Center for HIV/AIDS Educational Studies

(CHEST) @ Hunter College

City University of New York

Drs. Golub, Grov, Tomaselli, Parsons

## Concurrent HIV/AIDS among persons diagnosed with HIV in 2006 by age group, United States



## ROAH: First Data on Risk Behavior in Older Adults

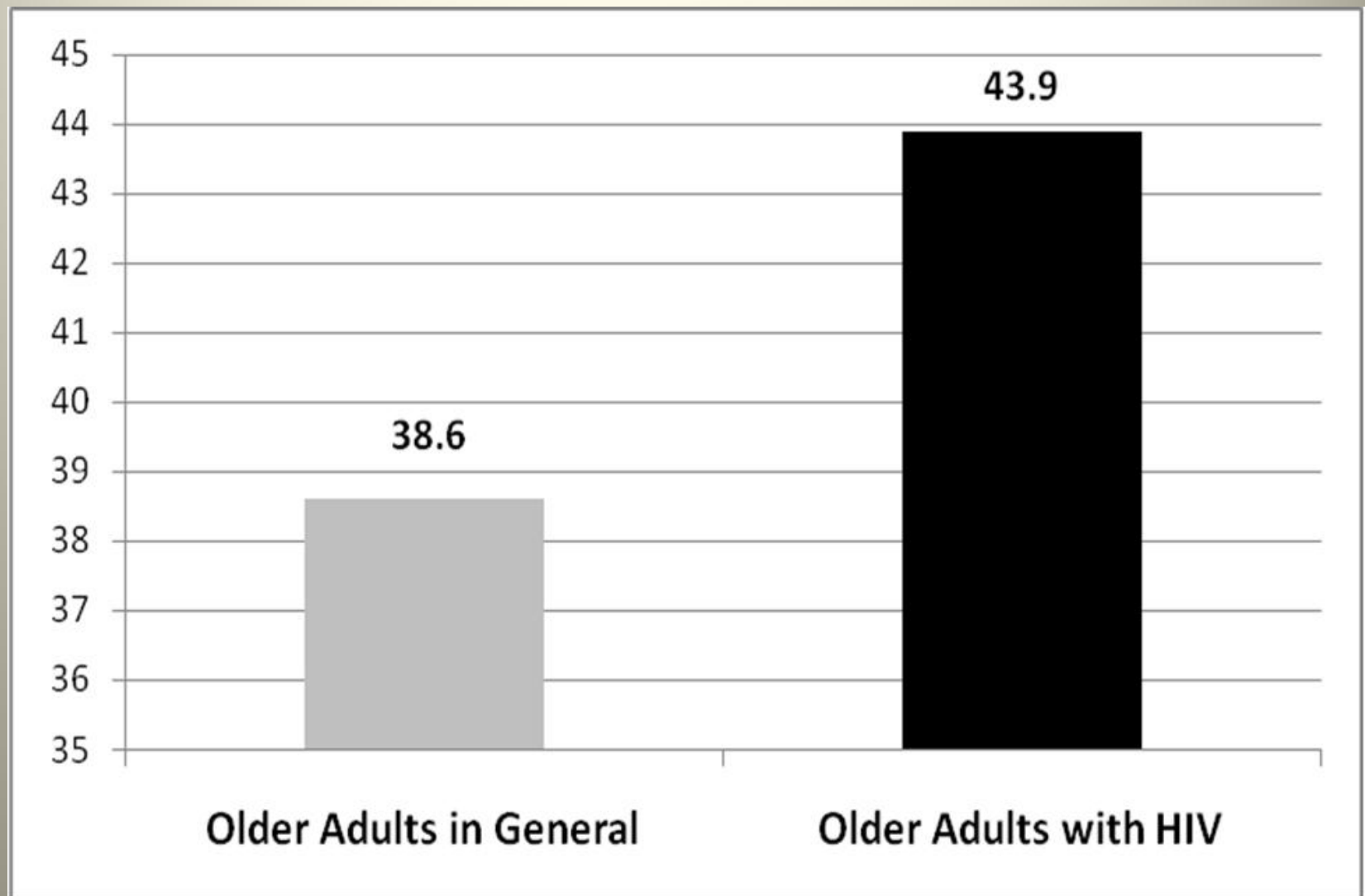
- Substance use impact - Significant
- Viagra and other ED Drugs Impact - None
- Of those who are sexually active  
16% engaged in high risk sexual behavior in the last 3 months



# Depression

# ROAH

**Over 2/3 are Moderate to Severely Depressed**



**Figure 1 Comparison of UCLA Loneliness Scale Scores between Older Adults with HIV and Community Dwelling Elderly as reported in Adams et al. (2004).**

**Loneliness and HIV-Related Stigma Explain  
Depression Among Older HIV-positive  
Adults** *(in press)*

Grov, Golub, Parsons, Brennan, Karpiak

Center for HIV/AIDS Educational Studies and Training (CHEST)

and

AIDS Community Research Initiative of America (ACRIA)

## Implications of ROAH Study

**Over 2/3 of the study group had moderate to severe depression**

**Depression Causes Non-Adherence to ALL Medication including HIV Meds**

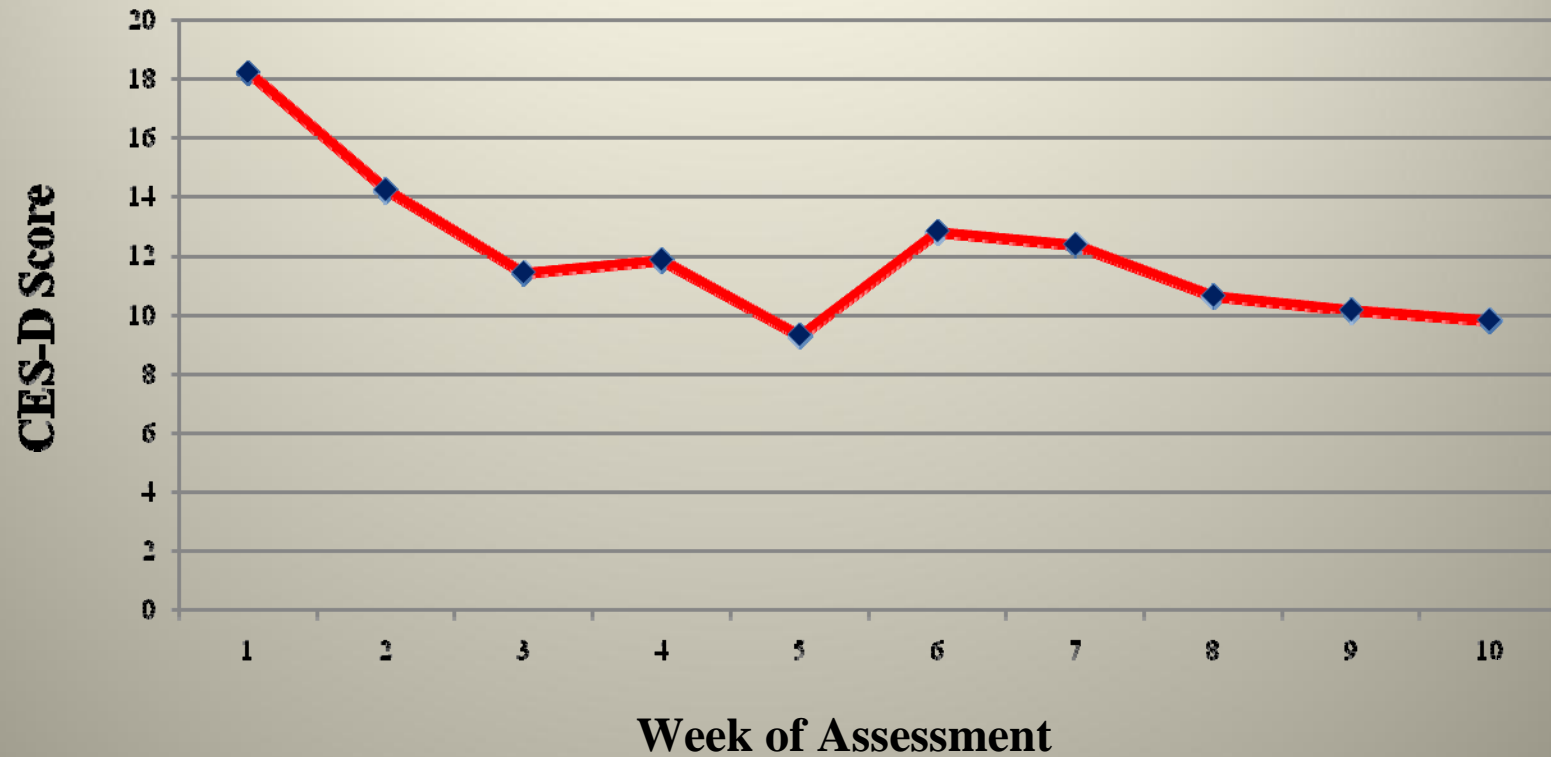
**Although in Medical Care Their Depression Remains Unmanaged**

**ACRIA Study Using the  
MacArthur Model  
as an  
Intervention for Depression**

Marlena Vega, PhD  
Study Clinician

Funded by the Robert Mapplethorpe and Keith Haring Foundations

# Interim Results



- Change in CES-D Scores Over 20 Weeks; All weeks significantly lower than baseline

## **ROAH Asked:**

**Do you receive HIV prevention information ?**

**No 1 %**

**Yes 99 %**

**Does prevention information target older adults?**

**No 57 %**

**Yes 43 %**



# The Older Adult HIV NYC Council Initiative

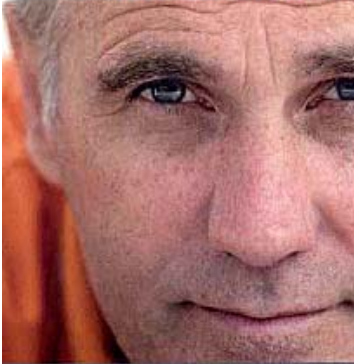


**ACRIA**  
**has managed the**  
**New York City Council Three Year**  
**Initiative on Older Adults and HIV**

- Target older adults service providers
- Partnership with agencies serving older adults
- Create possibilities for networking between local HIV service providers and older adult serving agencies
- Change of knowledge, attitudes and beliefs
- Stigma of older adults (at risk and living with HIV)
- Mainstreaming HIV/older adult services

Today 70% of NYC residents living with HIV/AIDS are over 40 and 32% are over age 50.

## The Greying of HIV



**Conózcalo. Combátalo.  
Derrótelo.**

**Detenga el  
SIDA.**

**FREE TRAINING** for Social Service Providers, and

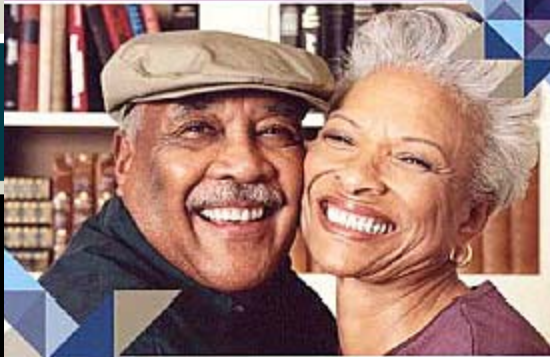
This growing population of older adults with HIV is often lonely and depressed, bearing the double stigma of ageism and HIV. As they age they may be cut off from family and friends. Other older adults rarely hear about HIV or how they can protect themselves.

The AIDS Community Research Initiative of the Council of Senior Centers and Services (CSCS) is offering a citywide HIV training program funded by the City of New York. These free trainings will help senior service providers address HIV prevention issues and understand the needs of those aging with HIV.



**Su Comunidad  
Necesita de su Sabiduría**

# HIV doesn't care how old you are...



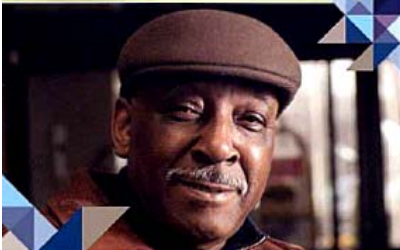
More than 2 out of 3  
people living with  
HIV in NYC are  
over 40, and 32%  
are over age 50.

**¿No es hora de que  
conozca la verdad**

# Stop HIV/AIDS



## Think you're too old for HIV?



**Think again.**  
One in every six new  
cases in NYC is found  
in people over 50.

## Para Detener el SIDA



Funded in whole by the New York City  
Department of Health and Mental Hygiene

For more information, or to schedule a training call  
Kosky, M.S.W., HIV Education Coordinator  
of Senior Centers and Services of New York City  
at 212-656-6585 ext. 227 [kmarkosky@cscs-ny.org](mailto:kmarkosky@cscs-ny.org) [www.cscs-ny.org](http://www.cscs-ny.org)



## SOBRE EL VIH?



## Some say HIV's only for young folks.



You've lived  
too long to believe  
that nonsense.

**Get tested for HIV.**