

Are We Ready for the Aging HIV-Positive Population?

PLWHA Fifty Years and Older in Los Angeles County

Juhua Wu, MA, HRSA Grants Manager
Elisea Avalos, MPH, Epidemiology Analyst
Jacqueline Rurangirwa, MPH, Epidemiologist

Planning and Research Division
Office of AIDS Programs and Policy



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Ryan White All Grantees Conference

Los Angeles County

Square Miles: 4,086
Population¹: 10.3 Million

Latino/a 47%
White 28.9%
Asian/PI 12.6%
African-American 9.0%
Native American 0.3%

Proportion of California
Population²: 29%

Proportion of California AIDS
Cases³: 36%

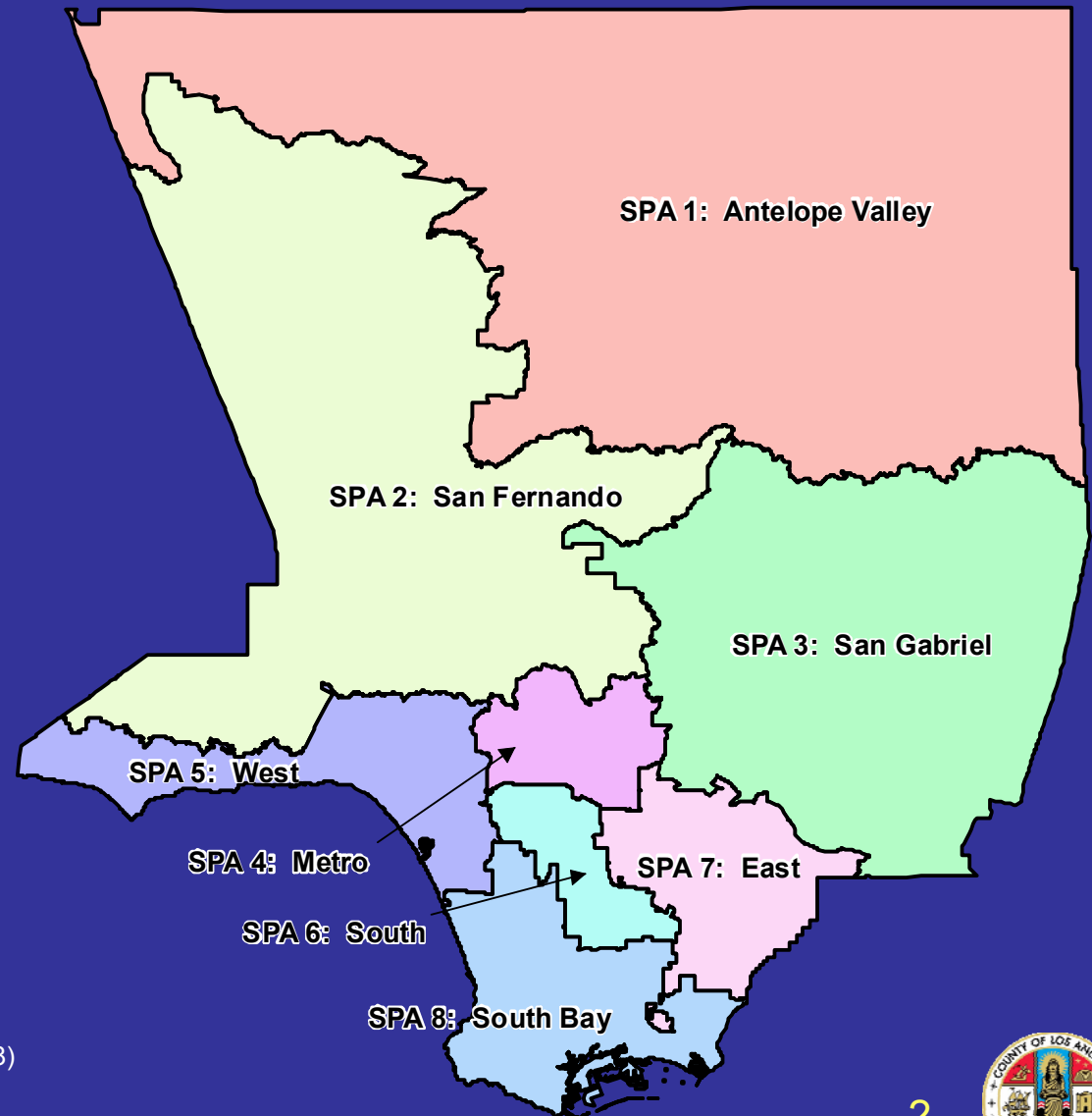
Proportion of U.S. AIDS
Cases³: 5%

Living with HIV/AIDS³:
60,000 (Estimated)

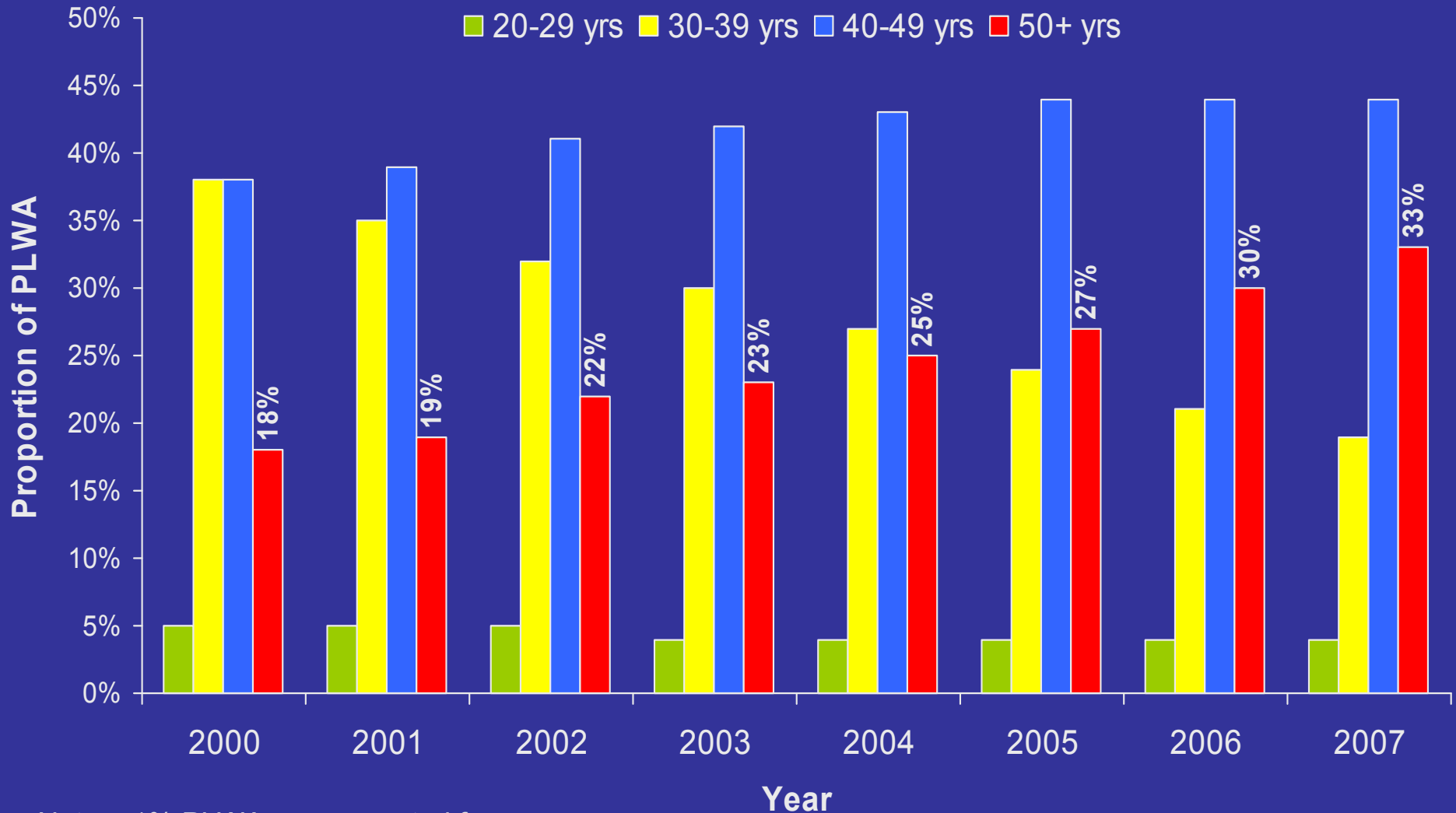
¹United Way, Los Angeles (2008)

²U.S. Department of Commerce (2008)

³Los Angeles County HIV Epidemiology Program (2008)



PLWA \geq 50 in Los Angeles County 2000-2007



Note: <1% PLWA were reported for age groups <13 yrs and 13-19 yrs from 2000-2007

Data Source: LAC HIV Epidemiology Semi-Annual Surveillance Report, July 2008



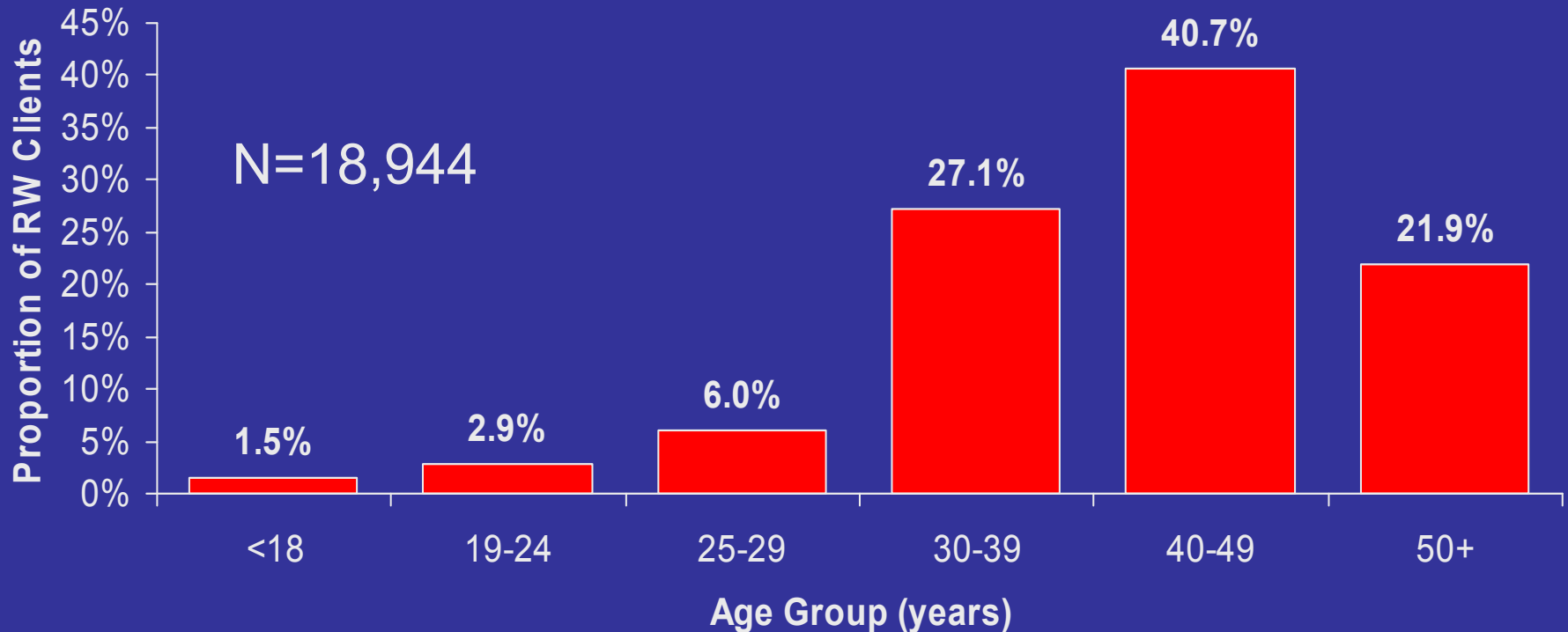
PLWHA \geq 50 in LA County as of 12/31/2007

	N	%
Estimated PLWHA	12,730	26.4% Of PLWHA in LAC
PLWA	7,549	32.9% Of PLWA in LAC
New AIDS Cases 2006-2007	374	16.4% Of new AIDS cases 2006-2007



Where Are We Now?

- Ryan White Clients ≥ 50 in LA County, 2006
 - 4,147 (21.9%) of total Ryan White clients

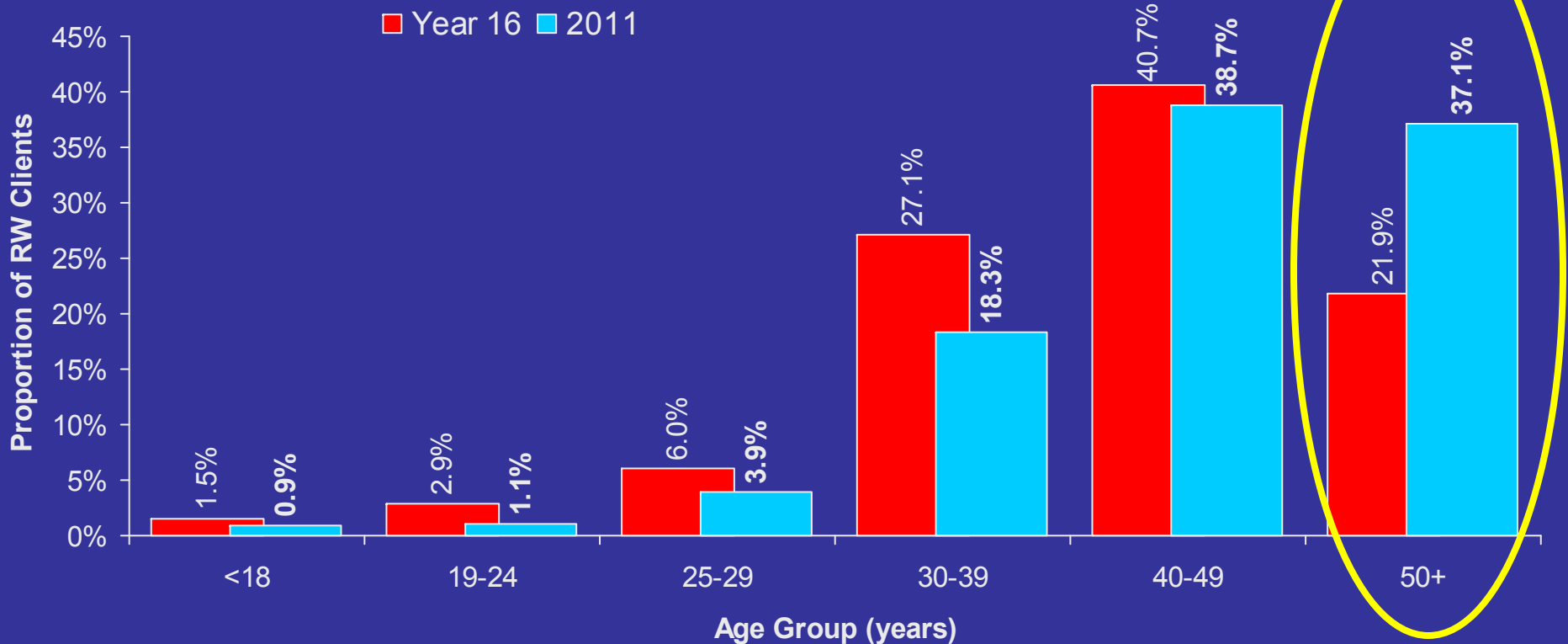


Data Source: Casewatch Year 16 (March 2006 – Feb 2007)



Where Will We Be in Five Years?

- Projected LAC Ryan White Clients ≥ 50 in 2011



Year 16 N=18,944

Data Source: Casewatch Year 16 (March 2006 – Feb 2007)



What We Know



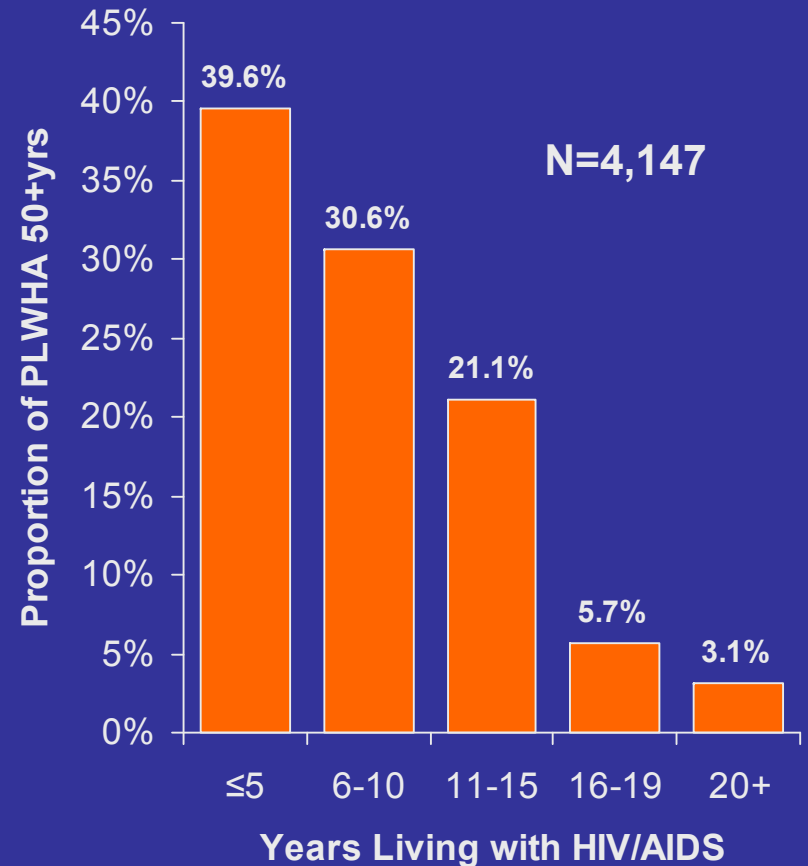
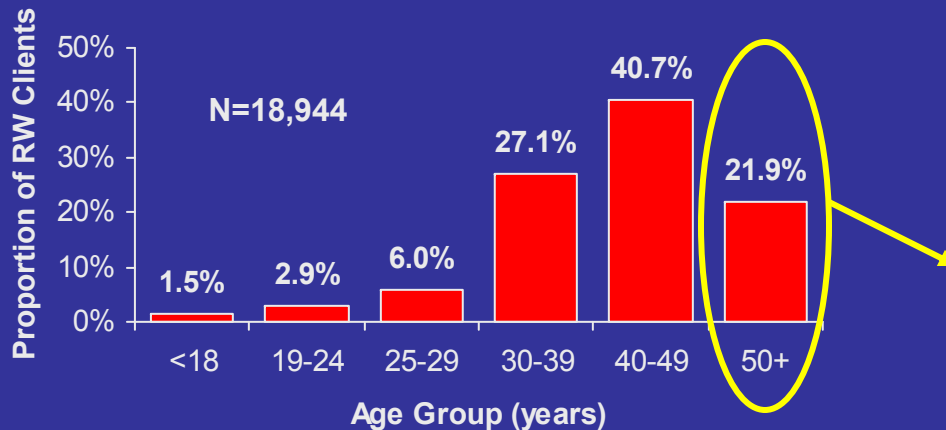
What We Know

- Increased number of PLWHA ≥ 50
 - Mass number will confront aging issues in the next decade
- Existing knowledge on older PLWHA is scarce
- Current studies do not provide conclusive evidence on treatment needs
- Need to look at 3 groups of PLWHA ≥ 50
 - Recently diagnosed
 - Long-term survivors
 - Overall older PLWHA



Ryan White Clients ≥ 50 in LA County (2006)

Years with HIV



- Comparison of 3 subgroups of PLWHA 50+ years:
 - Had HIV ≤ 5 years (n = 1,643)
 - Had HIV 6-19 years (n = 2,377)
 - Had HIV ≥ 20 years (n = 127)

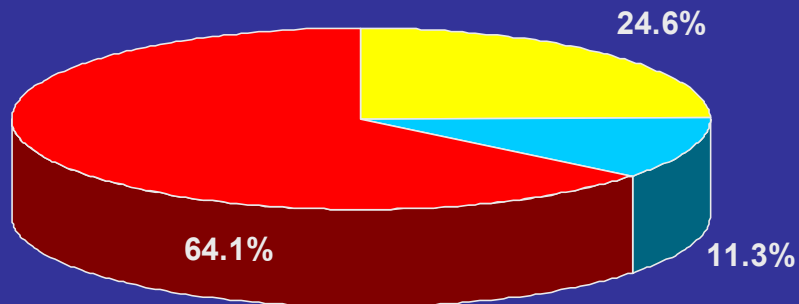


Ryan White Clients ≥ 50 in LA County (2006)

HIV/AIDS Status

PLWHA ≤ 5 Years

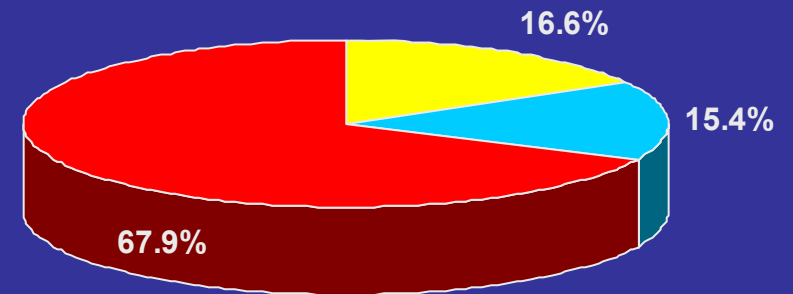
n=1,643



- HIV+, Not AIDS
- HIV+, AIDS Status Unknown
- CDC Defined AIDS

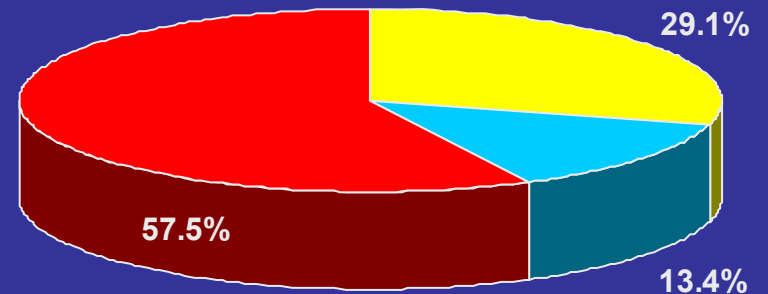
PLWHA 6-19 Years

n=2,377



PLWHA 20+ Years

n=127



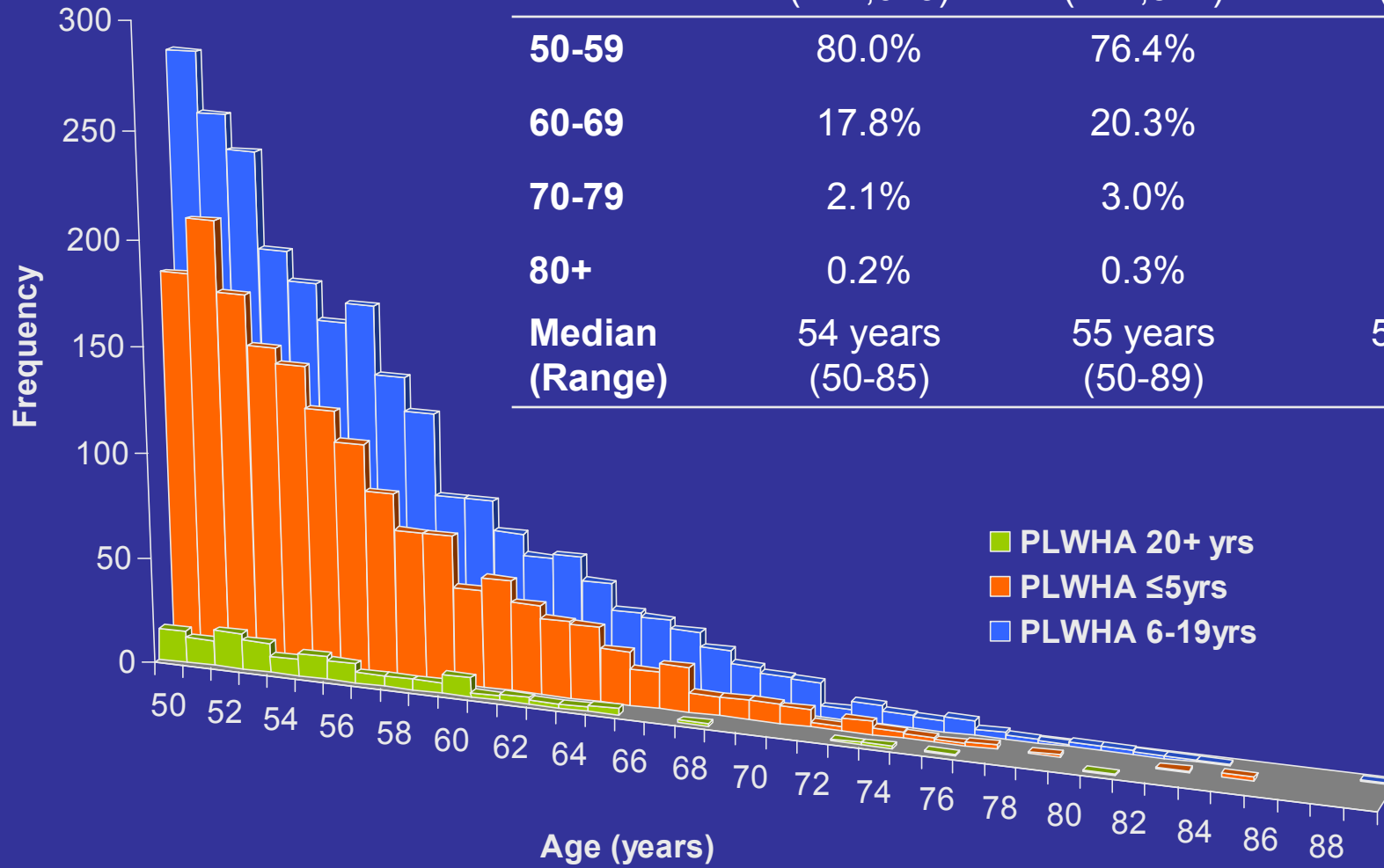
Data Source: Casewatch Year 16 (March 2006 – Feb 2007)



Ryan White Clients ≥ 50 in LA County (2006)

Age

Age Group (years)	PLWHA ≤ 5 Years (n=1,643)	PLWHA 6-19 Years (n=2,377)	PLWHA 20+ Years (n=127)
50-59	80.0%	76.4%	79.5%
60-69	17.8%	20.3%	17.3%
70-79	2.1%	3.0%	2.4%
80+	0.2%	0.3%	0.8%
Median (Range)	54 years (50-85)	55 years (50-89)	54 years (50-81)



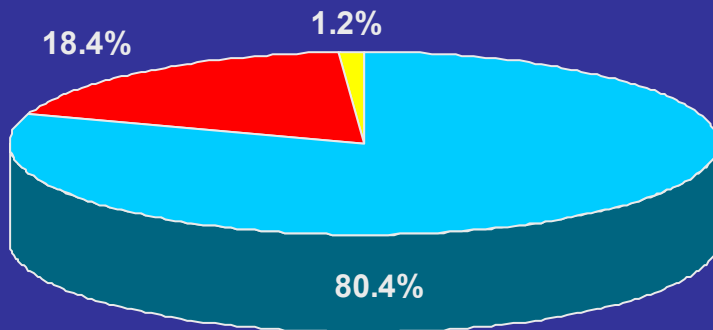
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Ryan White Clients ≥ 50 in LA County (2006)

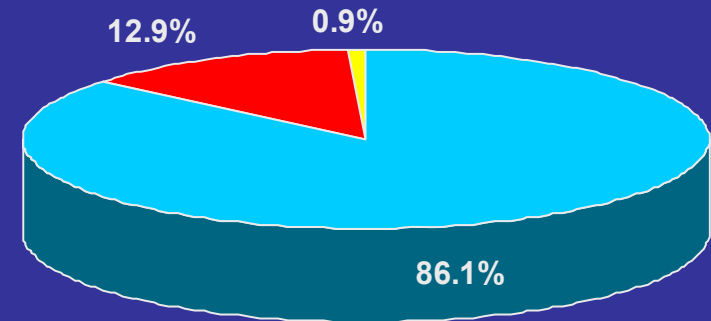
Gender

PLWHA ≤ 5 Years
n=1,643

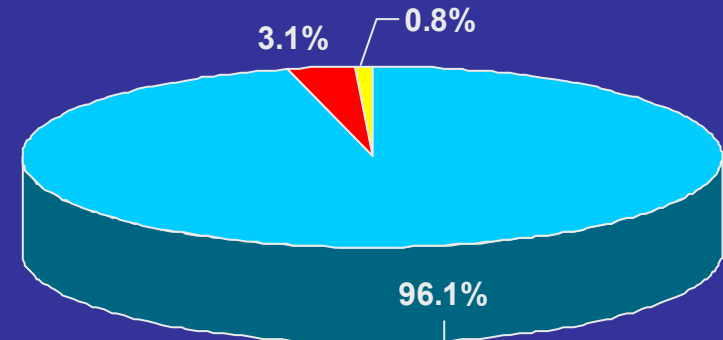


■ Male ■ Female ■ Transgender

PLWHA 6-19 Years
n=2,377



PLWHA 20+ Years
n=127



Data Source: Casewatch Year 16 (March 2006 – Feb 2007)

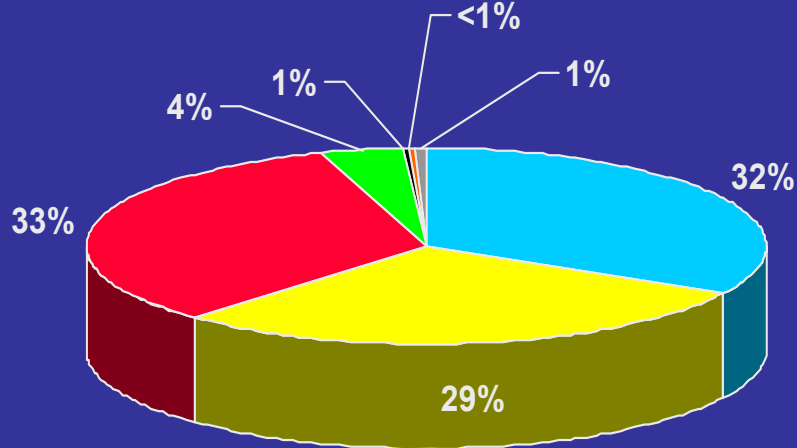


Ryan White Clients ≥ 50 in LA County (2006)

Race/Ethnicity

PLWHA ≤ 5 Years

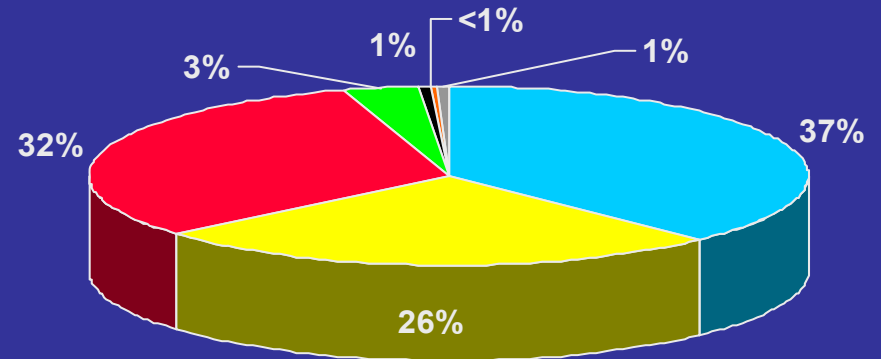
n=1,643



- Caucasian/White
- African-American/Black
- Hispanic/Latino
- Asian/Pacific Islander
- American Indian/Native American
- Mixed or Other
- Unknown/Missing

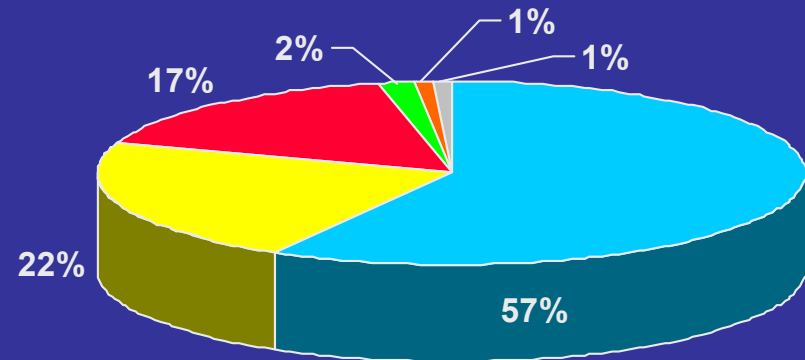
PLWHA 6-19 Years

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PLWHA 20+ Years

n=127

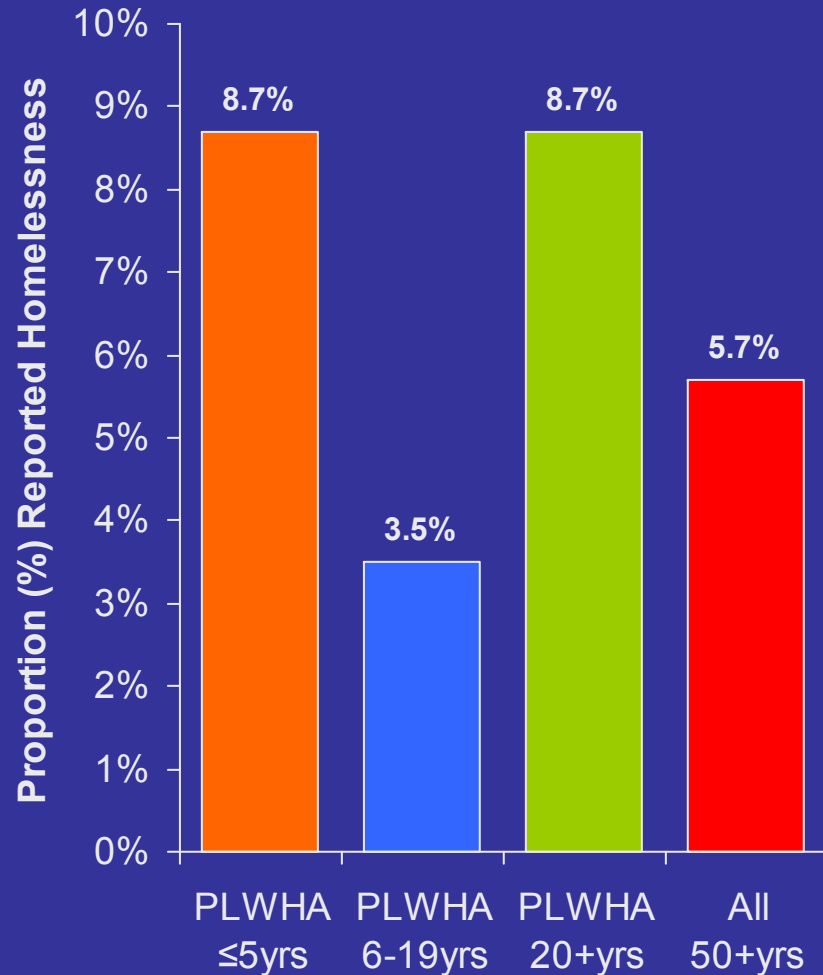


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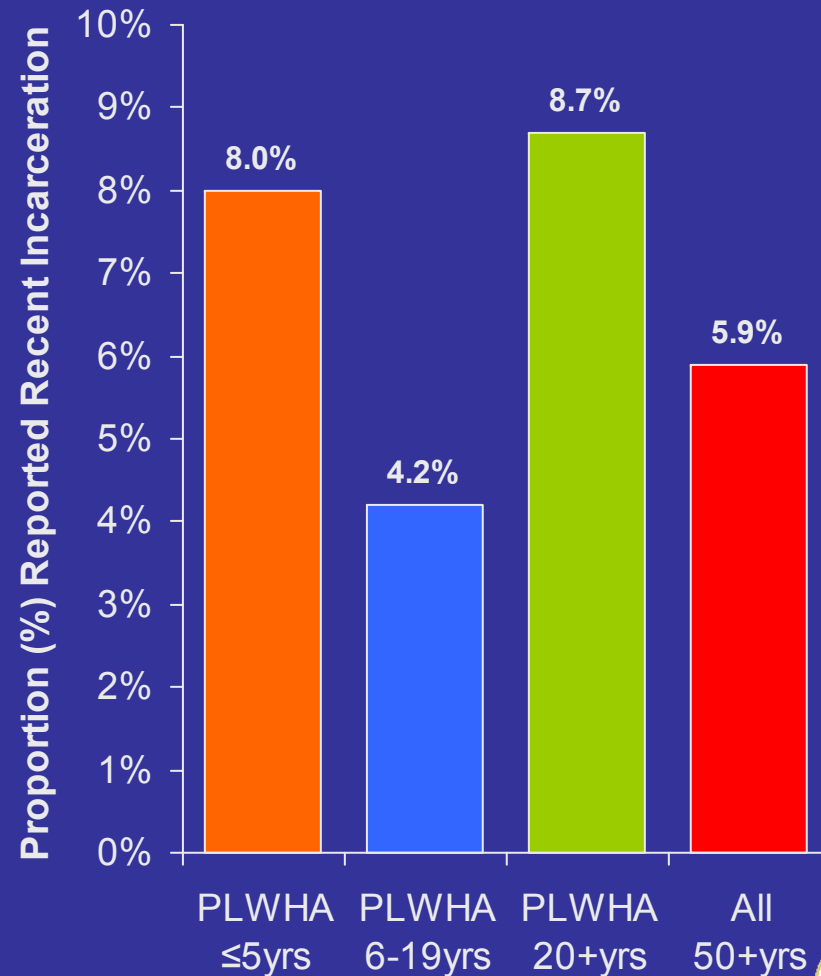


Ryan White Clients ≥ 50 in LA County (2006)

Homelessness



Incarceration history in the past 24 months



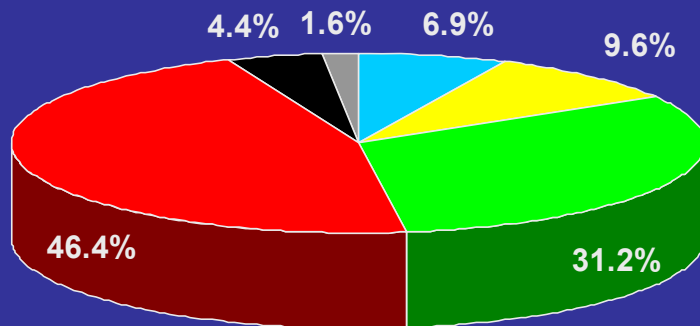
Data Source: Casewatch Year 16 (March 2006 – Feb 2007)



Ryan White Clients ≥ 50 in LA County (2006)

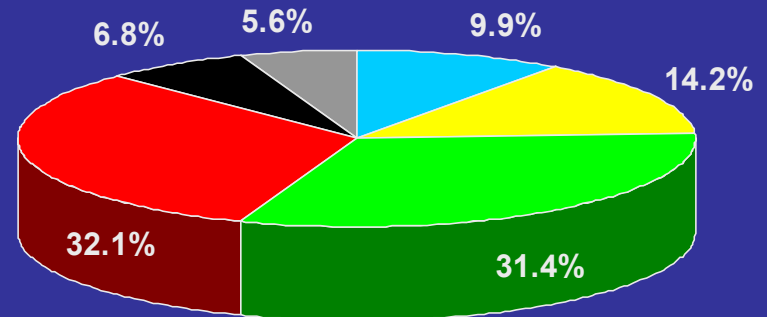
Type of Insurance

PLWHA ≤ 5 Years
n=1,643

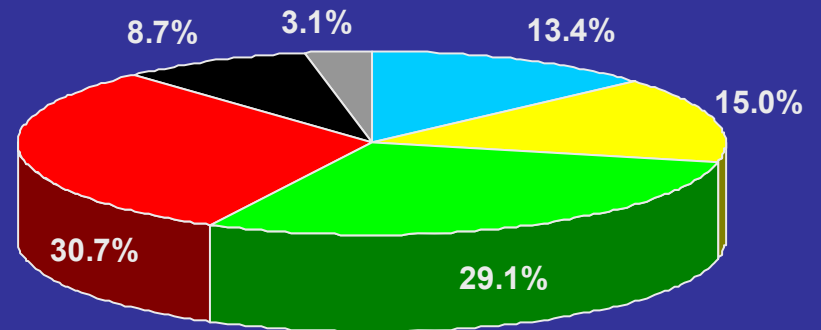


- Private
- Medicare
- Medicaid/ Medi-Cal
- No Insurance
- Other
- Unknown/ Missing

PLWHA 6-19 Years
n=2,377



PLWHA 20+ Years
n=127

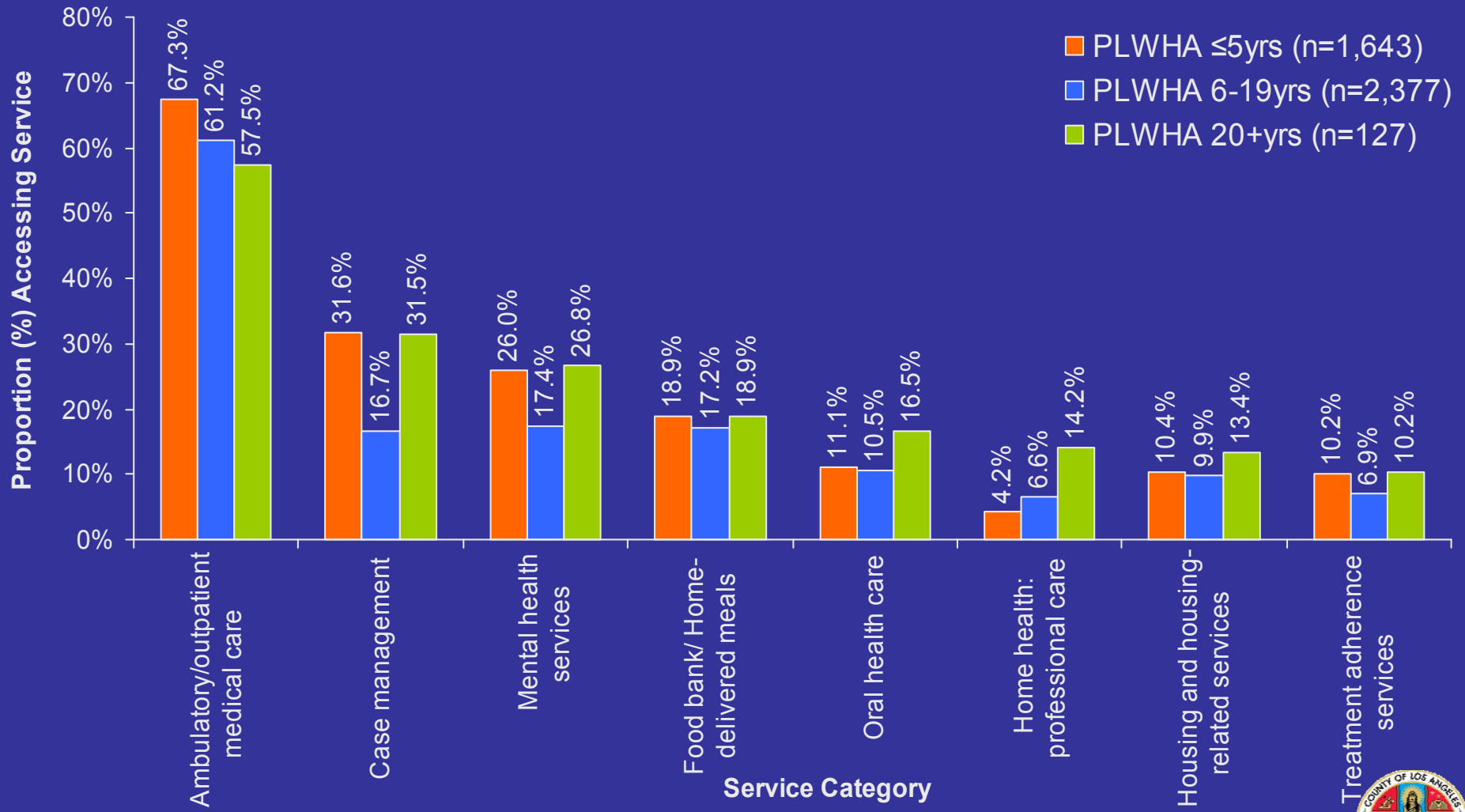


Data Source: Casewatch Year 16 (March 2006 – Feb 2007)



Ryan White Clients ≥ 50 in LA County (2006)

Services Most Utilized by Clients 50+years



Data Source: Casewatch Year 16 (March 2006 – Feb 2007)



Ryan White Clients ≥ 50 in LA County (2006)

Summary

- Over 76% of PLWHA fall in the 50-59 year age group
- 40% diagnosed with HIV within 5 years
- Approximately two-thirds have CDC-defined AIDS
- PLWHA 20+ years comprised mostly of Whites and males, whereas newly diagnosed (PLWHA ≤ 5 years) have an increase in females, Latino(a)s, and African Americans



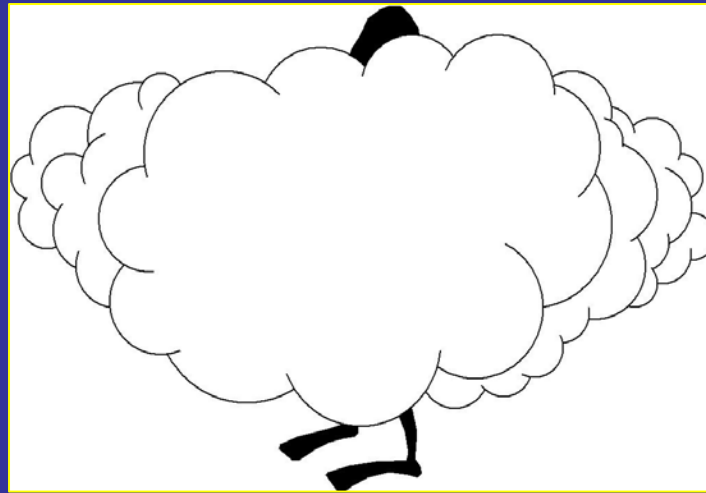
Ryan White Clients ≥ 50 in LA County (2006)

Summary (cont.)

- PLWHA ≤ 5 years and PLWHA 20+ years differ in demographics but have other similar characteristics
 - Homelessness
 - Incarceration history within the past 24 months
 - Service utilization
 - Case management
 - Mental health services
 - Food/Home-delivered meal
 - Treatment adherence



What We Speculate



Literature Review on PLWHA ≥ 50

- Increased mortality
 - Slower response to HAART
- Faster progression to AIDS
 - Slower CD4 cell reconstitution
- Diagnosed at later disease stage
 - Compromised immune system
- Worse treatment side effects
 - Worse toxicities with HAART
 - More drug interactions



Literature Review on PLWHA ≥ 50

- Increased risk for and early onset of aging conditions
 - Opportunistic infections
 - Bone density loss
 - Cardiovascular diseases
 - Diabetes
 - Kidney diseases
 - Liver diseases
- More co-morbidities
 - Conditions associated with aging
 - May contribute to delayed HIV diagnosis



Literature Review on PLWHA ≥ 50

- Higher rate of HIV-related dementia
- Higher rate of depression
- Limited financial, economic, and emotional support
- Fragile social support
- Not perceived as at-risk for HIV infection
 - No pregnancy worries
 - Low knowledge about HIV
 - Care providers perceive as not at risk



Local Information on Aging PLWHA

- Demand for medical specialty
- Need hospice and skilled-nursing services
- Need for home-based care
- Increased need for home-delivered meals
- Need for oral health services



What We Don't Know



What We Don't Know

- Is it HIV, HAART, or age that cause increased risks, morbidities, and early onset of conditions?
- How do older PLWHA compare with other older adults without HIV?
- How do recently-diagnosed older PLWHA compare with younger long-term survivors of HIV?
- Issues involving women (e.g., menopause)



What We Don't Know

- Effects of complicated drug interactions
- The extent of efficacy and toxicity of HIV medications on older PLWHA
- Long-term effect of HIV
- Long-term effect of HIV medications
- How older PLWHA cope with living with HIV



What We Need to Know

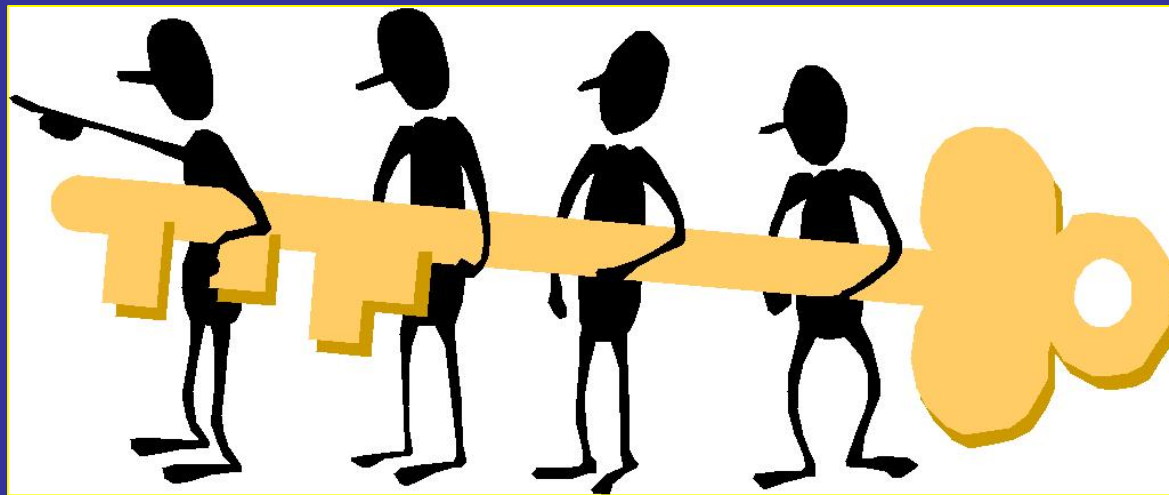


What We Need to Know

- Treatment guidelines for older PLWHA
 - More effective treatment
 - Dealing with pre-existing conditions common with age
 - Treatment-experienced patients
- Needs as a whole-person
- Effective prevention efforts for older individuals
- Effective approaches for early intervention and retention



What We Need to Do



What We Need to Do

- Engage older people at-risk for and living with HIV infection
 - Reduce new infection
 - Curtail delayed diagnosis and entry to care
 - Attend to needs
- Integrate prevention and care
- Cross train clinicians for HIV and geriatrics
- Provide cultural sensitivity training
- Encourage routine HIV testing in primary care settings



Current Steps and Directions

- Continued study on HIV aging population
 - Needs assessment, gaps analysis, provider capacity assessment, client outcomes studies
- Evaluation of medical specialty referrals
- Gradually transform care system to achieve chronic disease management and patient self-sufficiency

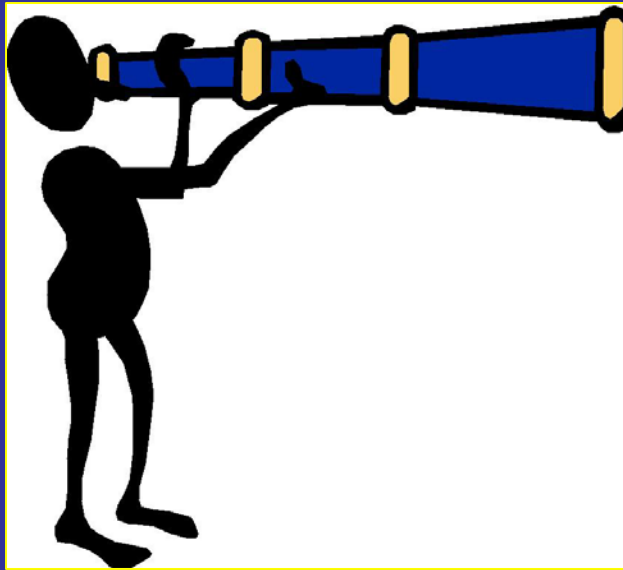


Current Steps and Directions

- Increased funding in early intervention and medical case management
- Integrated prevention and care service planning
- Prevention with Positives



This is just the beginning...



Acknowledgements

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For More Information

Juhua Wu

Care Planning Manager/HRSA Grants Manager

Office of AIDS Programs and Policy

600 South Commonwealth Ave., 10th Floor

Los Angeles, California 90005-4001

Phone: 213-351-8138

Fax: 213-381-8023

E-mail: juwu@ph.lacounty.gov

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www.publichealth.lacounty.gov/aids

