



# PAETC Needs Assessment Highlights

A Member of the UCSF AIDS Research Institute





# PAETC Region: snapshot

- Most PLW AIDS/HIV cases are urban
- General decrease in new AIDS cases
- Shift to more AF-AM, Latino, Asian, women, trans, younger and older MSM, IDUs/substance users
- Increased co-morbidities, esp psych-soc, substance use
- Overwhelmed infrastructure
- Massive state and local funding cuts including clinic services, ancillary support services, benefits

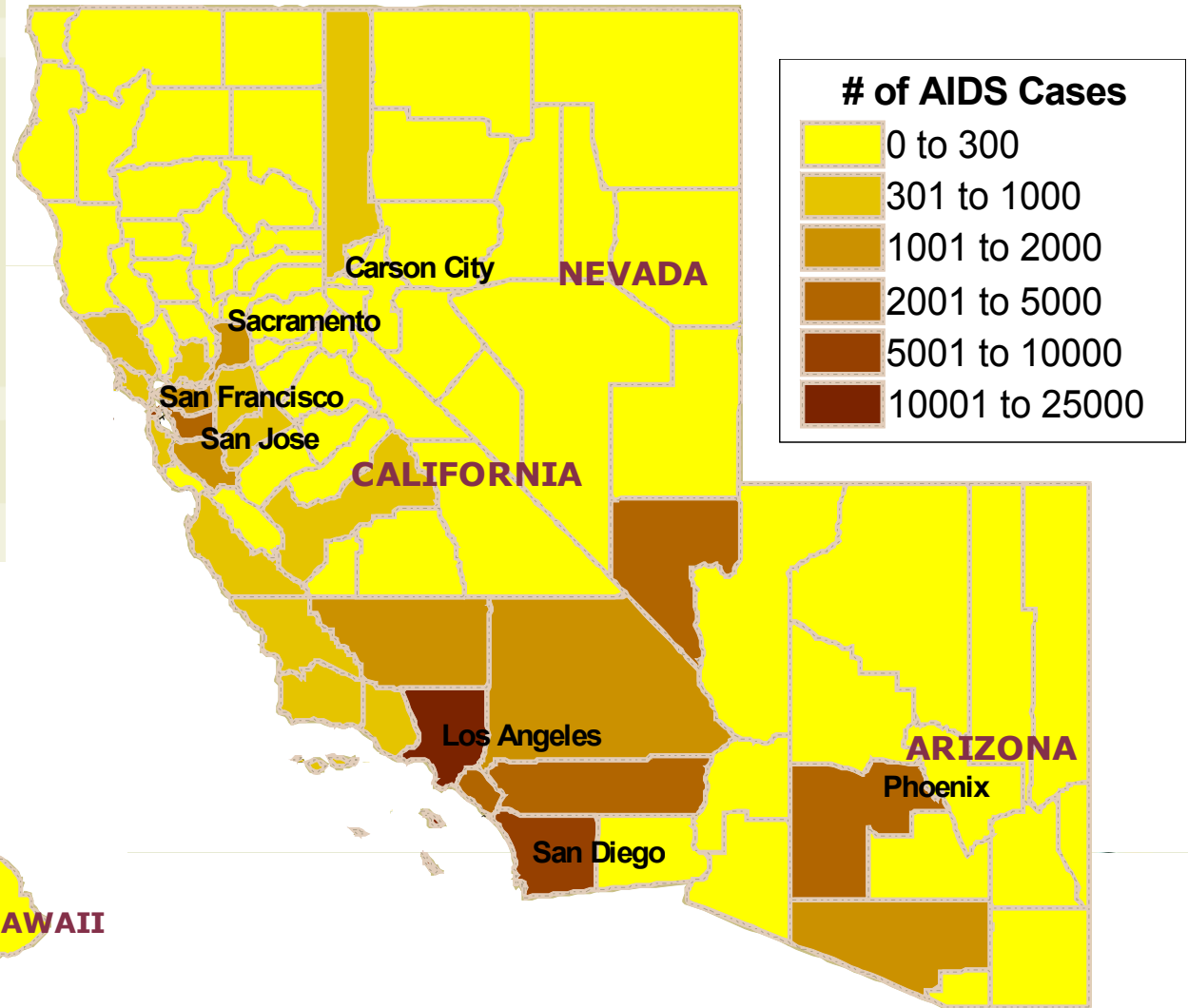


# Scope of infection: PAETC as region

# PLW AIDS: PAETC region

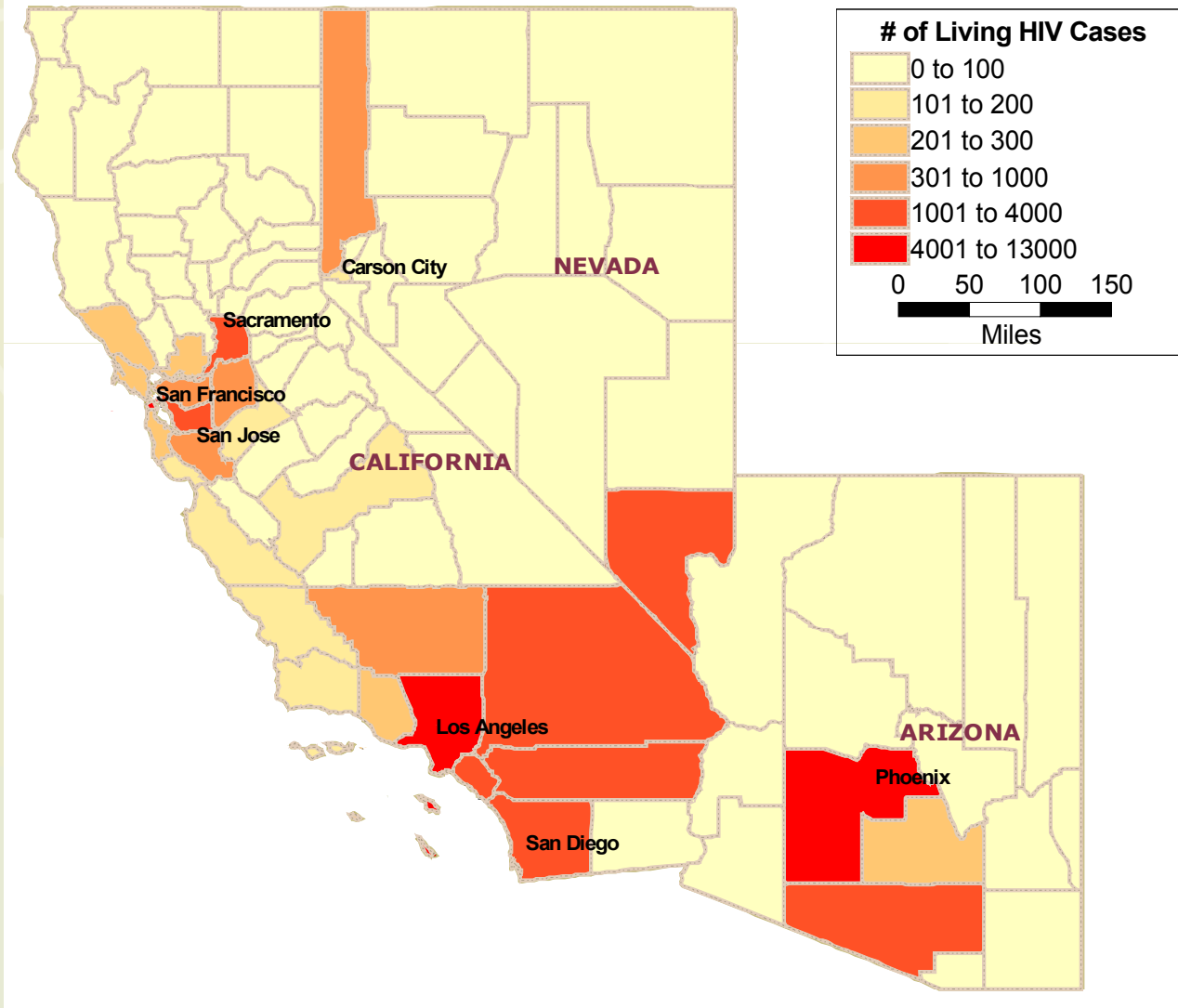
## Top 10 counties: Living AIDS Cases

1	Los Angeles CA	23729
2	San Francisco CA	9204
3	San Diego CA	6678
4	Maricopa AZ	4112
5	Orange CA	3812
6	Alameda CA	3418
7	Clark NV	3394
8	Riverside CA	3185
9	Long Beach CA	3049
10	Santa Clara CA	1966





# PLW HIV: PAETC



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# PAETC PLW AIDS/HIV: Nat'l context

- PAETC AIDS: 16% of US total  
(highest single state NY 16 %)
- PAETC HIV: 10% of US total  
(highest states NY 14%, FL 11%)



# AIDS Case Rate and Rank

(per 100,000)

	Rate	US Rank
• CA	13.5	11th
• NV	13.1	13 <sup>th</sup>
<b>National</b>	<b>12.4</b>	
• AZ	9.2	20th
• HI	6.1	32nd
• DC	148	1



# PLW AIDS Cases: PAETC Ethnicity

	% of total	US Rank*
Native HI/PI	65	1
Asian	50	1
Am Indian/AN	30	1
White	23	1
Latino	22	2
Af Am	7	3

\*if PAETC was a state





# PLW AIDS: PAETC gender

Avg 10% more males than natl average (77%)

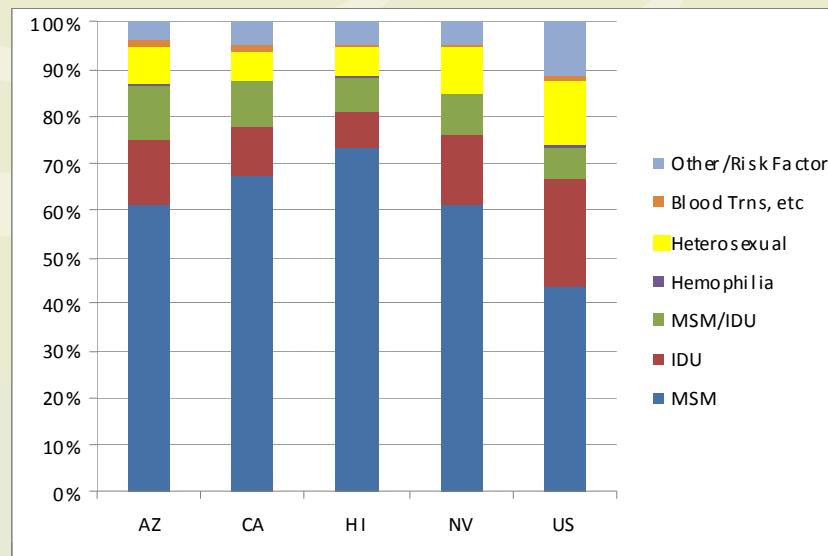
8% of total female cases (1/3 of highest state, NY)

US rank

- CA 3
- AZ 25
- NV 31
- HI 40

# AIDS Cases: PAETC by exposure categories

- Compared to US, **PAETC has more MSM** in all states
- **AZ and NV more IDUs & more HRH** than CA and HI
- **CA and AZ have more MSM IDUs** than HI and NV





# PLWAIDS: PAETC Age

## Increasing % of PLWAIDS over 40

AZ= 37% CA= 40% NV= 40 % HI= 44%

Localities:

Los Angeles: 79% of PLWA are 40+ (35% over 49)

San Francisco: 80% of PLWA are 40+



# New AIDS Cases

PAETC region=16% of total US new cases

- CA 12.9% (Highest in US)
- AZ 1.5%
- NV 0.9%
- HI 0.2%

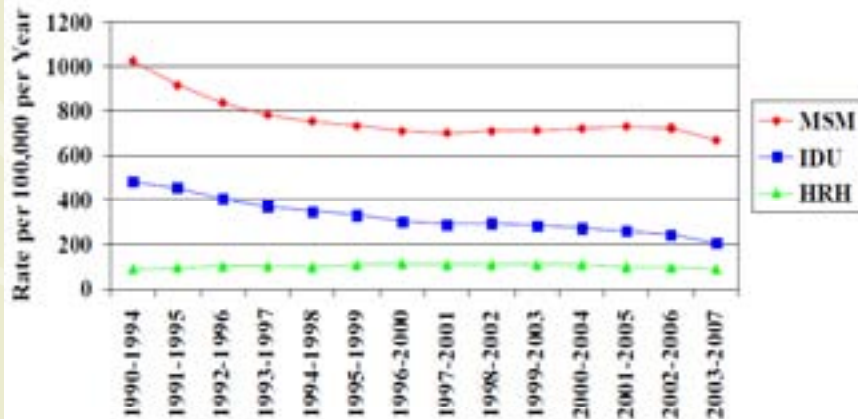
# Decrease in new AIDS cases (AZ, CA, HI)

For most but not all groups, areas (2002-2007)

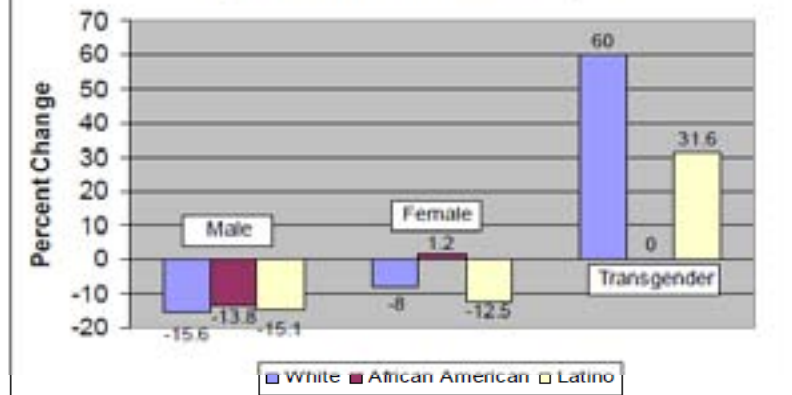
AZ

CA

Figure 3: Estimated Arizona 5-Year Emergent HIV/AIDS Rates by Reported Risk



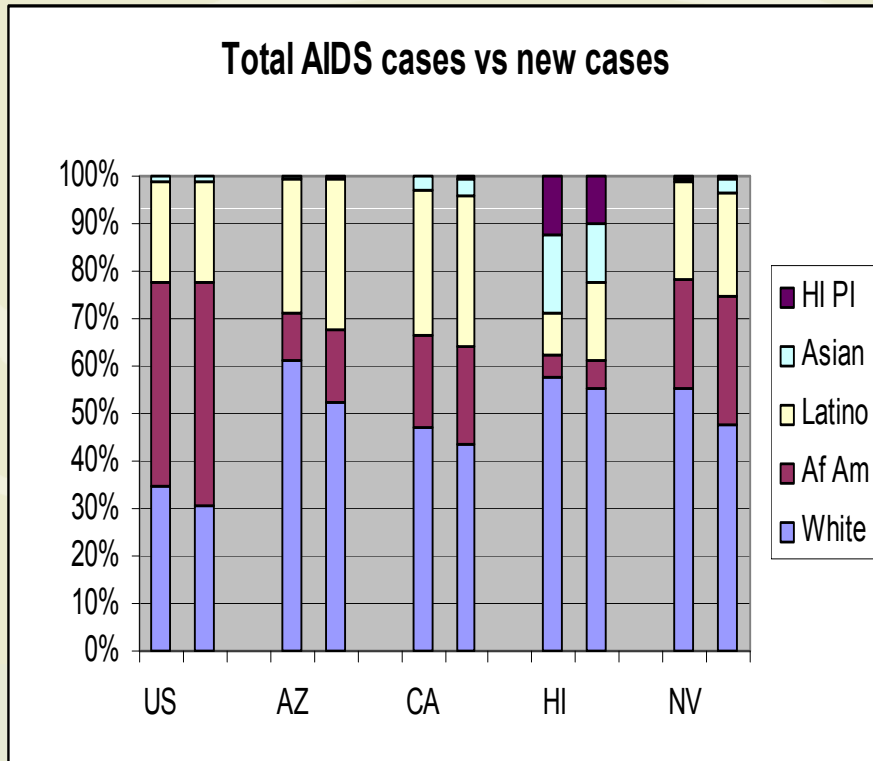
Percent Change in AIDS Incidence, 2005 - 2007, by Gender and Race/Ethnicity



NV: fluctuating within a range (low 200s), clear increase in 2007

HI: cases decline by half

# Cumulative PLW AIDS cases vs new AIDS cases

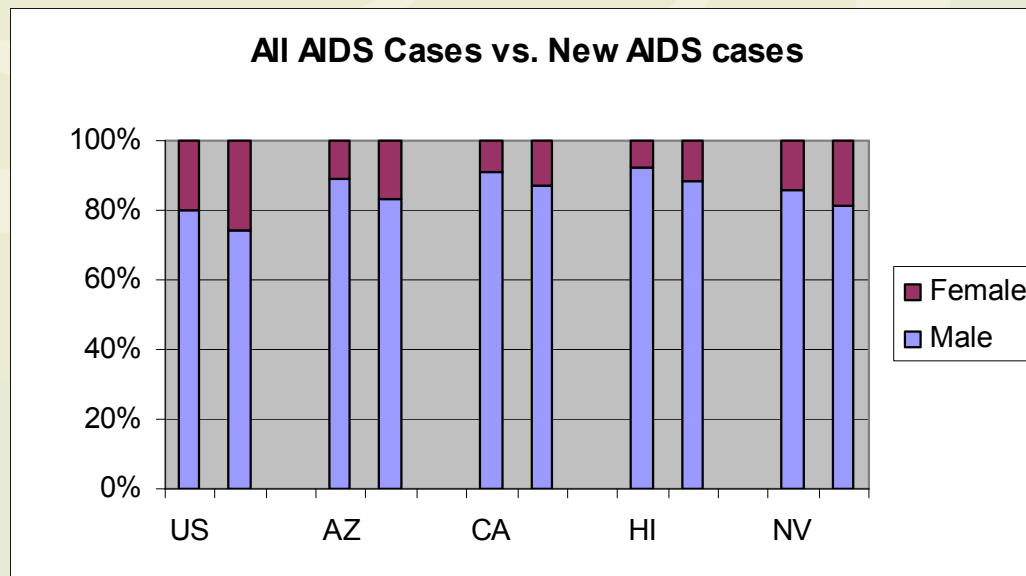


- PAETC states have greater % of Latinos among new AIDS cases vs all AIDS cases
- PAETC states have greater % of AF AM in new AIDS cases vs all AIDS cases (except HI)
- PAETC states have greater % of Asians in new AIDS cases vs all AIDS cases (except HI)



# All PLW AIDS vs New AIDS cases

- PAETC states had a greater percentage of women in new AIDS cases vs cumulative AIDS cases

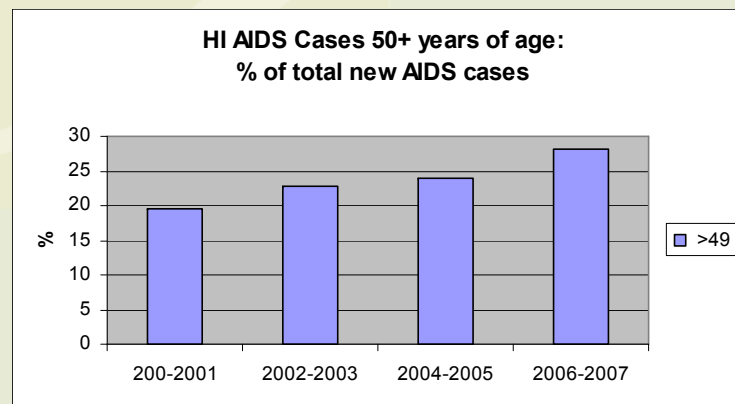
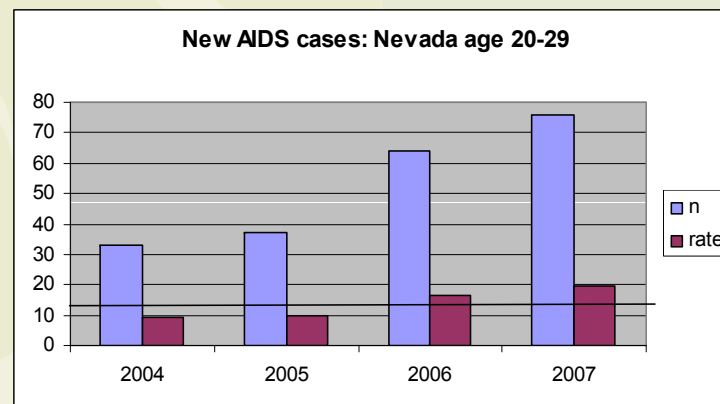
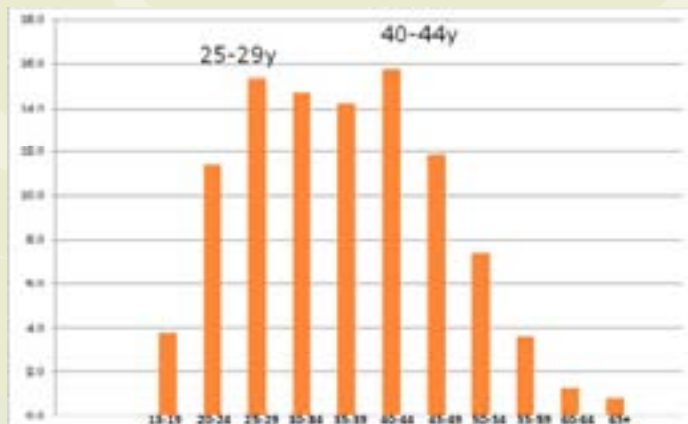


**FtM & MtF Trans data not available**



# Age: new cases: younger and older

Arizona Incidence HIV/AIDS by age, 2008





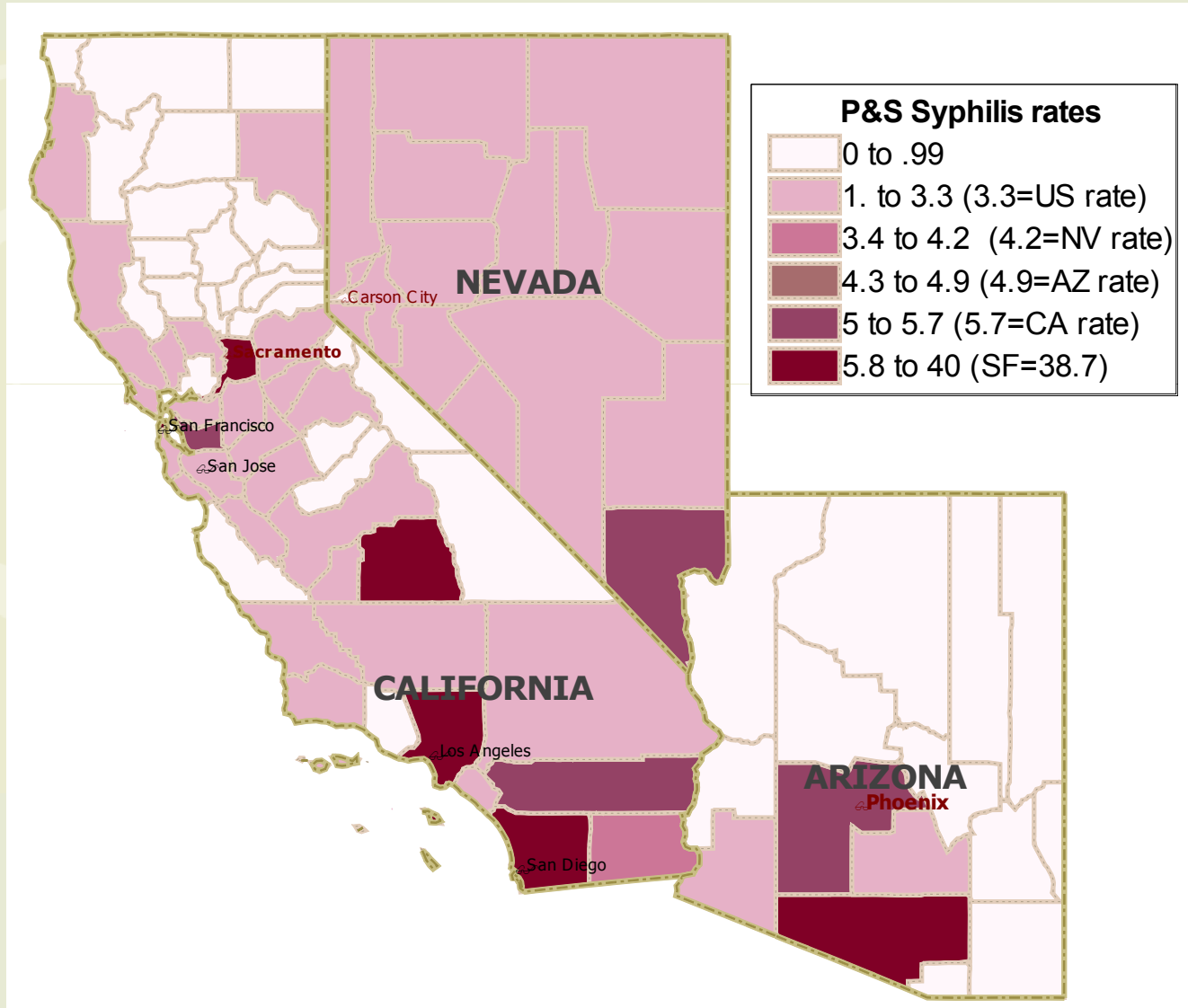


# PAETC Mortality

PAETC = 17% of US total (highest=NY-18%)

- CA 15.1%
- AZ 1%
- HI 0.3%
- NV 0.5%

# STDs: Syphilis





# Key Informant Interviews

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# Patients

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# New HIV patient demographics as reported by key informants @ their clinics

- 78% Age (much younger & older)
- 57% Race/Ethnicity (African American, Latino)
- 35% Sexual orientation (straight, “uncertain”)
- 30% Gender (women)
- 26% Trans

Also

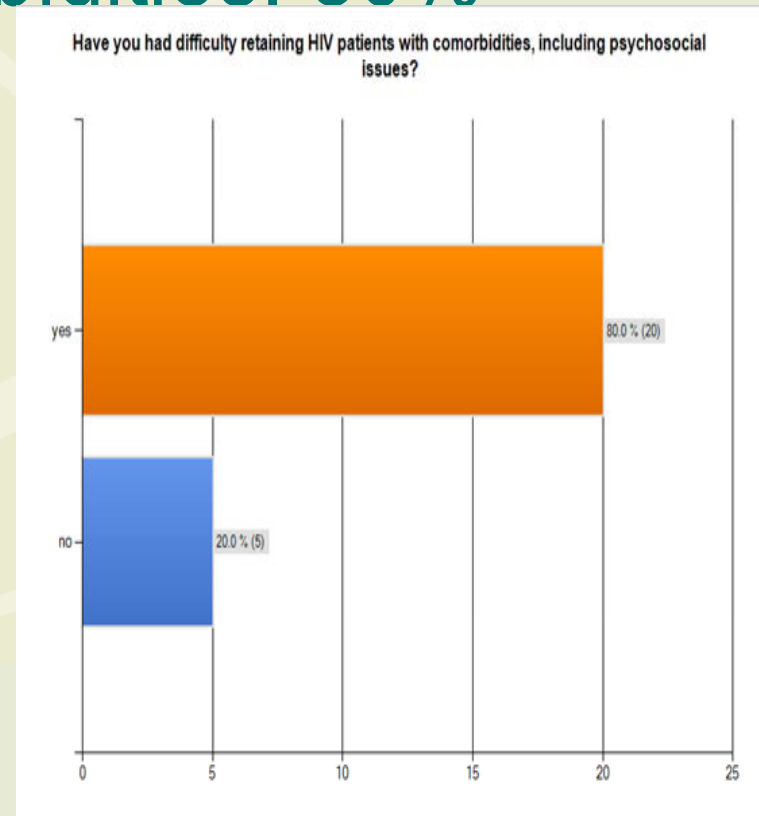
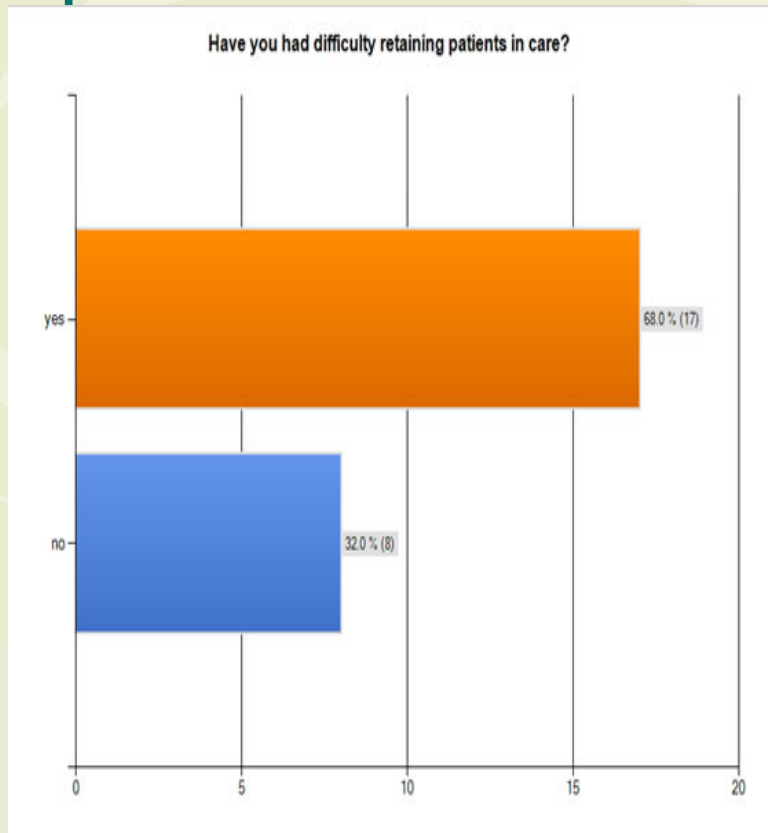
- 40% Substance use



# Difficulty retaining patients:

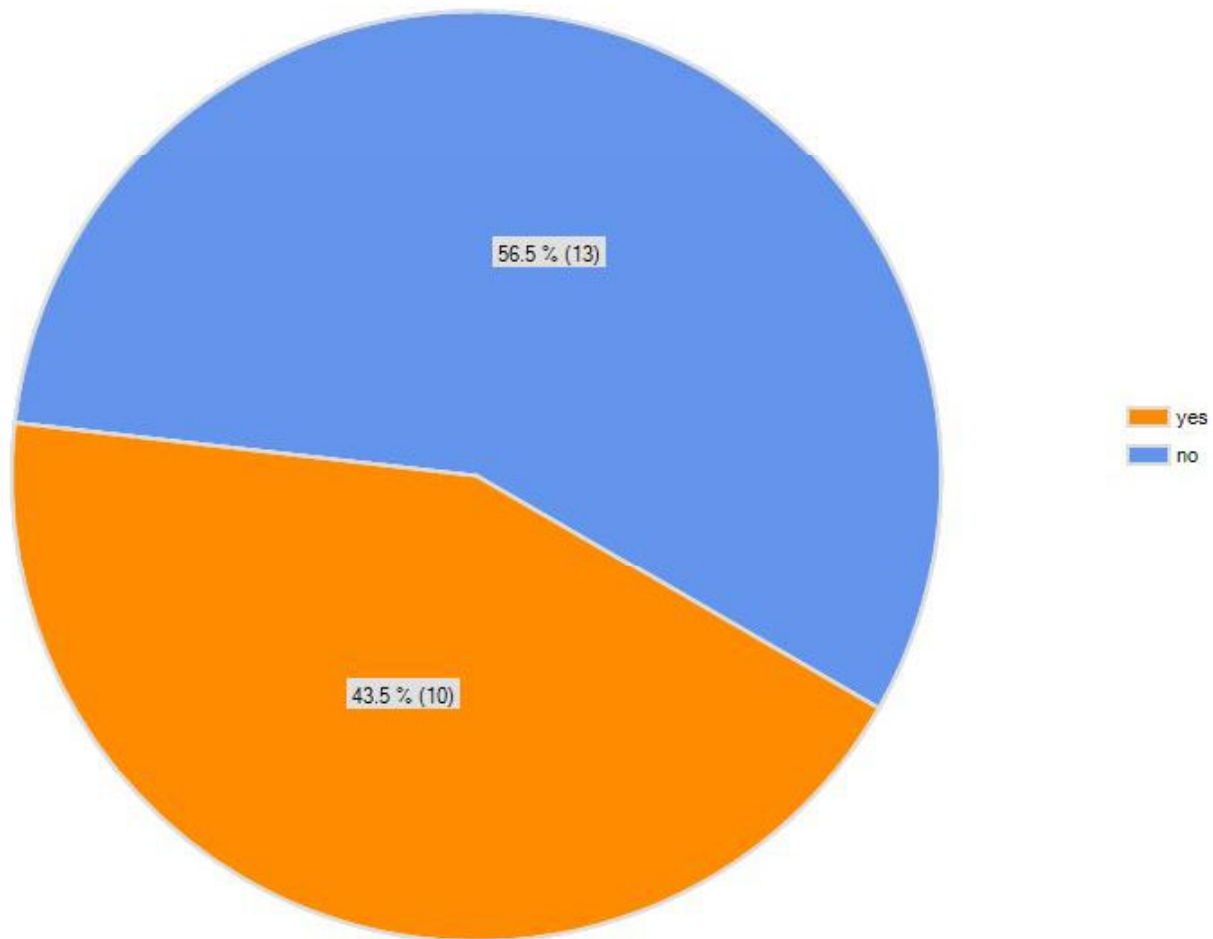
all patients: 68%

patients with comorbidities: 80%



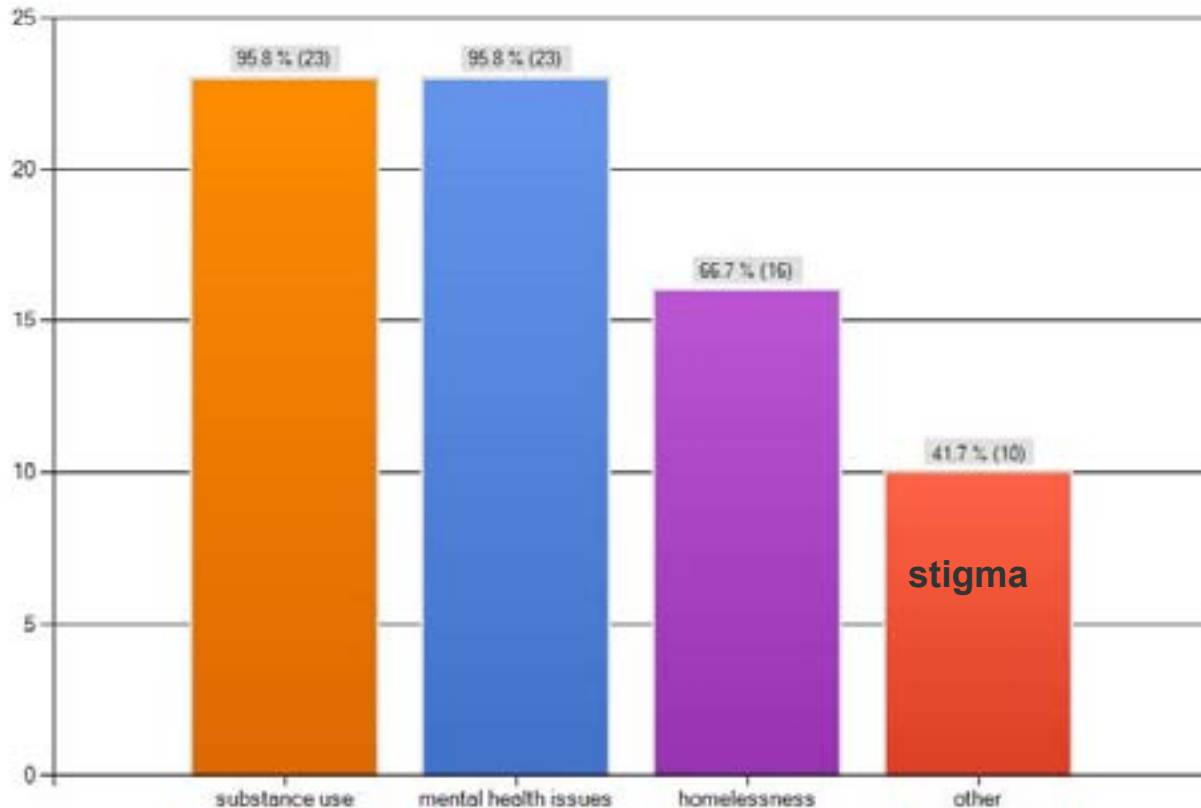


Did this clinic see changes in the comorbidities of new HIV patients?



# New HIV patient challenges:

Providers reported biggest challenges their patients faced



stigma



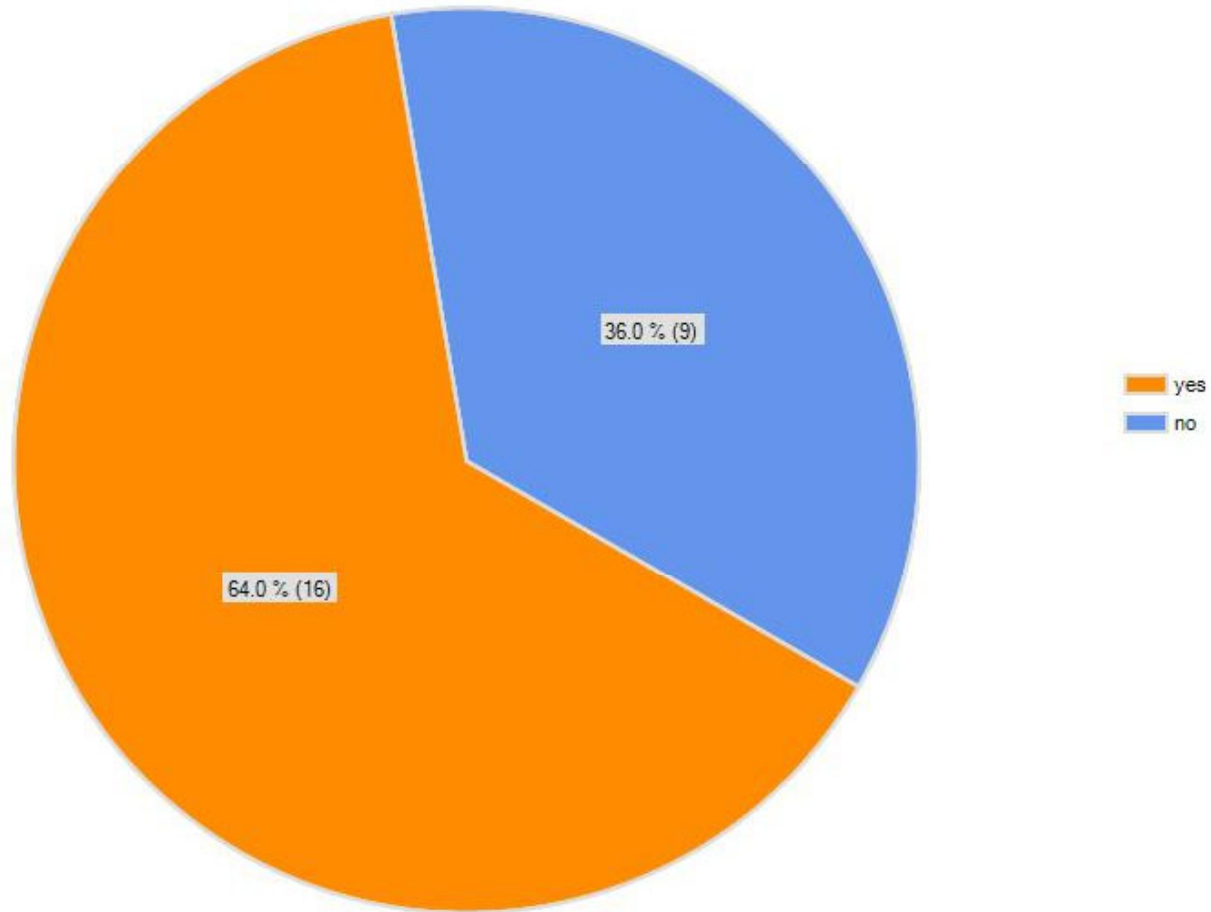


# Providers

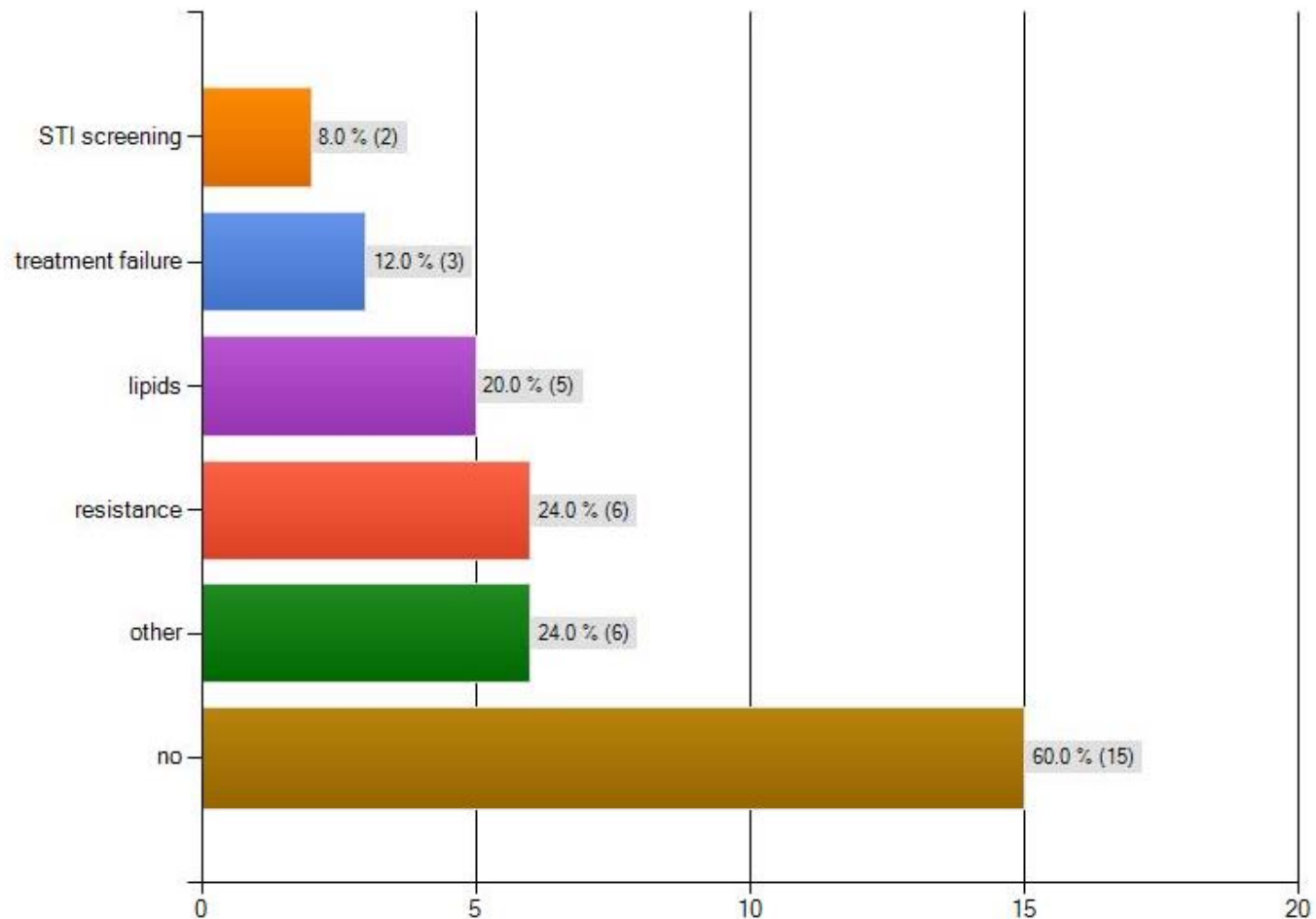
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Have your providers experienced difficulties with patient adherence to ART meds?

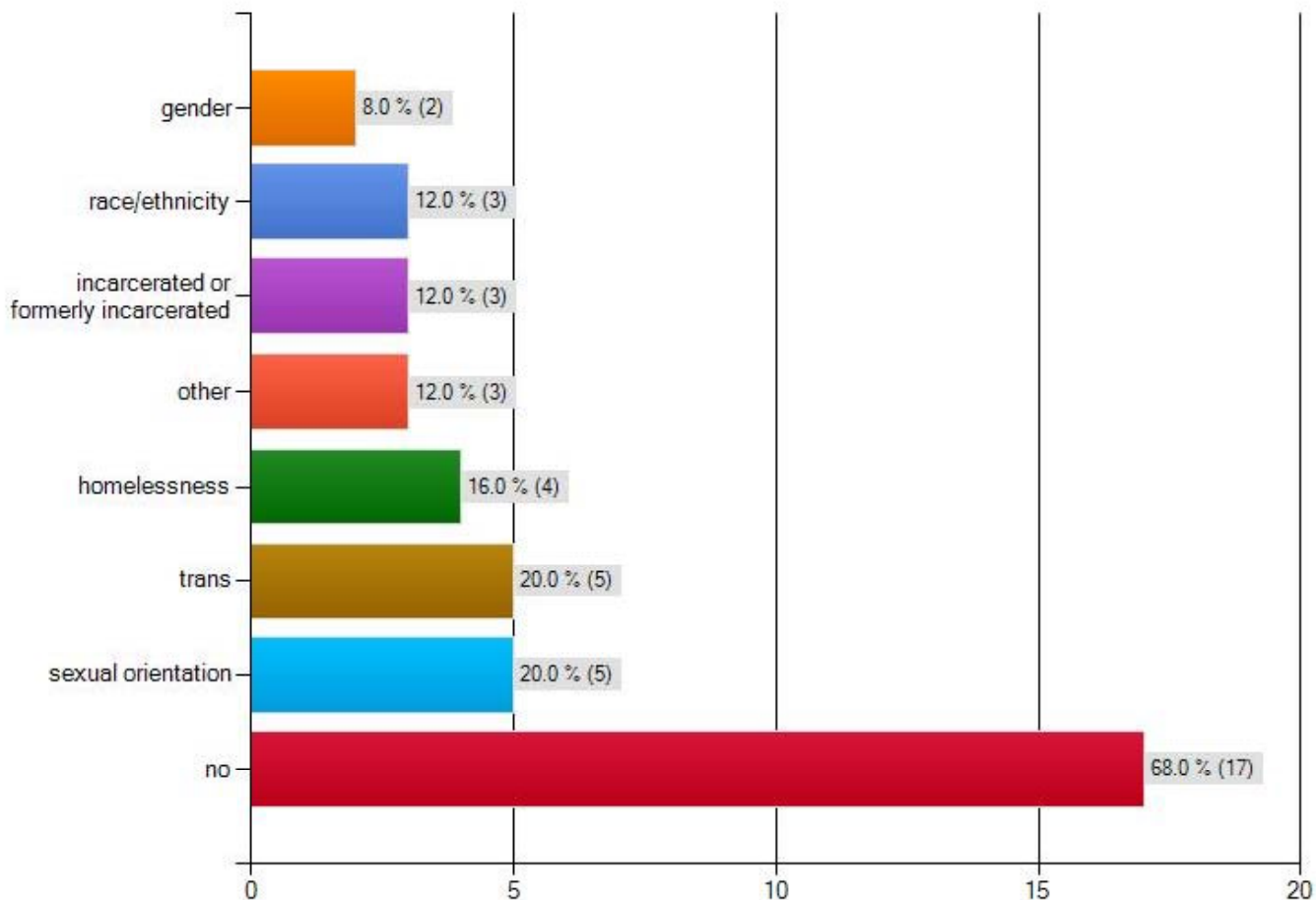


### Are your providers challenged with managing any of the following





**Have you had challenges with providers feeling uncomfortable with providing care to underserved populations based on any of the following (please check all that apply):**





# Provider turnover/unfilled vacancies

- 64% No difficulties with losing/retaining providers
- 36% Difficulties with turnover, unfilled vacancies or both
- Fear of future shortage (retirement)



# Funding:

- Good news: Ryan White is Reauthorized



# State funding cuts to infrastructure

- AZ: \$1 million cut; ADAP formulary cuts 200 medications (psycho tropics and non ARVs)
- CA: 85 million cut including 80% of prevention funds, 76% C & T funds, 54% of home/community based care; 51% EIP; 31% of HOPWA
- NV: Terminated four Ryan White Part B Programs (RWPB) (\$750,000 of funding) Including MTCT



# Funding: Key Informants

- Almost universal that funding is down steeply and will continue to be so
- Michelle Rowlands (CA): "AIDS exceptionalism is dead" re: state funding
- No new funding sources seen except pharmaceutical, increase in Ryan White or possibly health reform







# PAETC Ryan White funded Clinics

- Large network of Ryan White funded clinic sites (Over 250)
- Network is impacted by funding cuts and increasingly challenged to meet growing need

# Ryan White Clinics by PAETC LPS

- LPS's & Ryan White entities**
- Arizona (15)
  - Hawai'i (4)
  - Nevada (17)
  - North Coast (5)
  - UC Davis (26)
  - San Francisco (3)
  - East Bay (3)
  - San Jose (5)
  - UC Fresno (7)
  - CDU, UCLA, USC (1)
  - USC (2)
  - UCLA (1)
  - UCI (3)
  - UC San Diego (2)
-  = ryan white funded clinics  
 = ryan white funded clinics





# People with HIV/AIDS unmet need

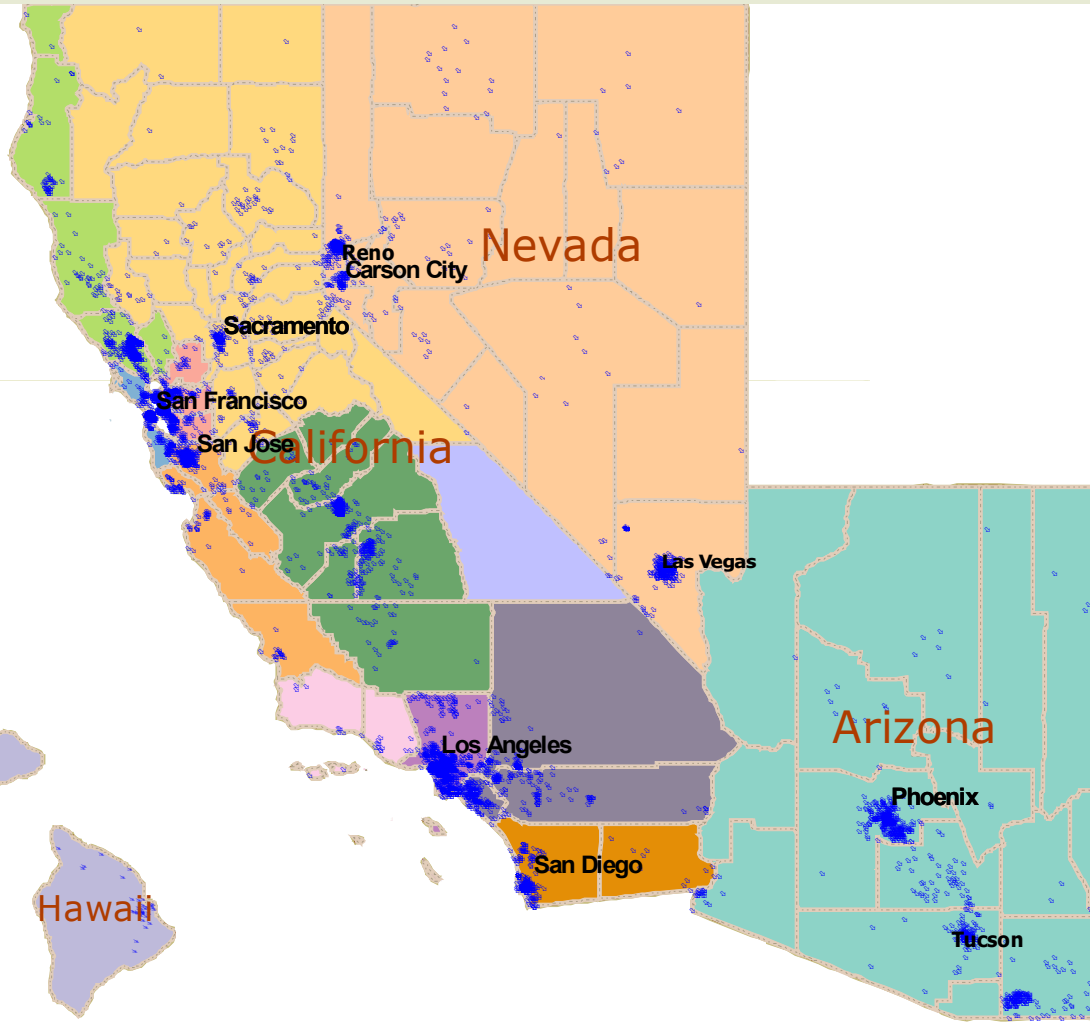
CA total 52773 (43.5% of total)

AZ total 5228 (38.8% of total)

# PAETC LPS's: Clinician Trainees

## LPS's & Ryan White entities

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- Hawai'i (4)
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Thank you

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