

HIV/AIDS Ambulatory Outpatient/Medical Clinical Performance Data 2009/10 (Year 19)

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Outline




- Review OAPP's framework for monitoring HIV services
- Review performance based contract monitoring (PBCM) model, key components and uses of data
- Learn about the performance of medical outpatient clinics on selected clinical performance measures – lessons learned and next steps








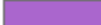


Service Map

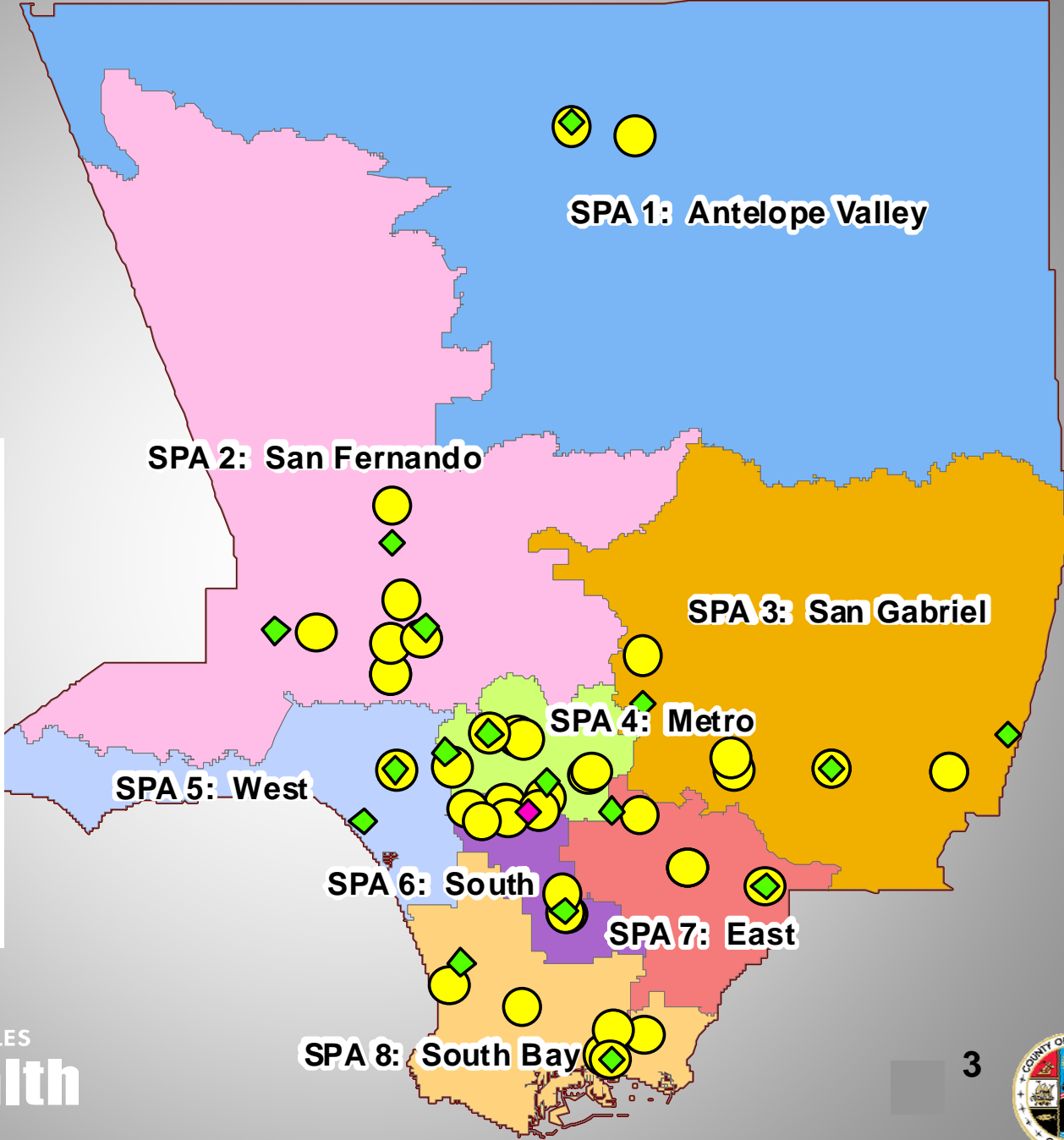
Legend

Dental Sites 2010

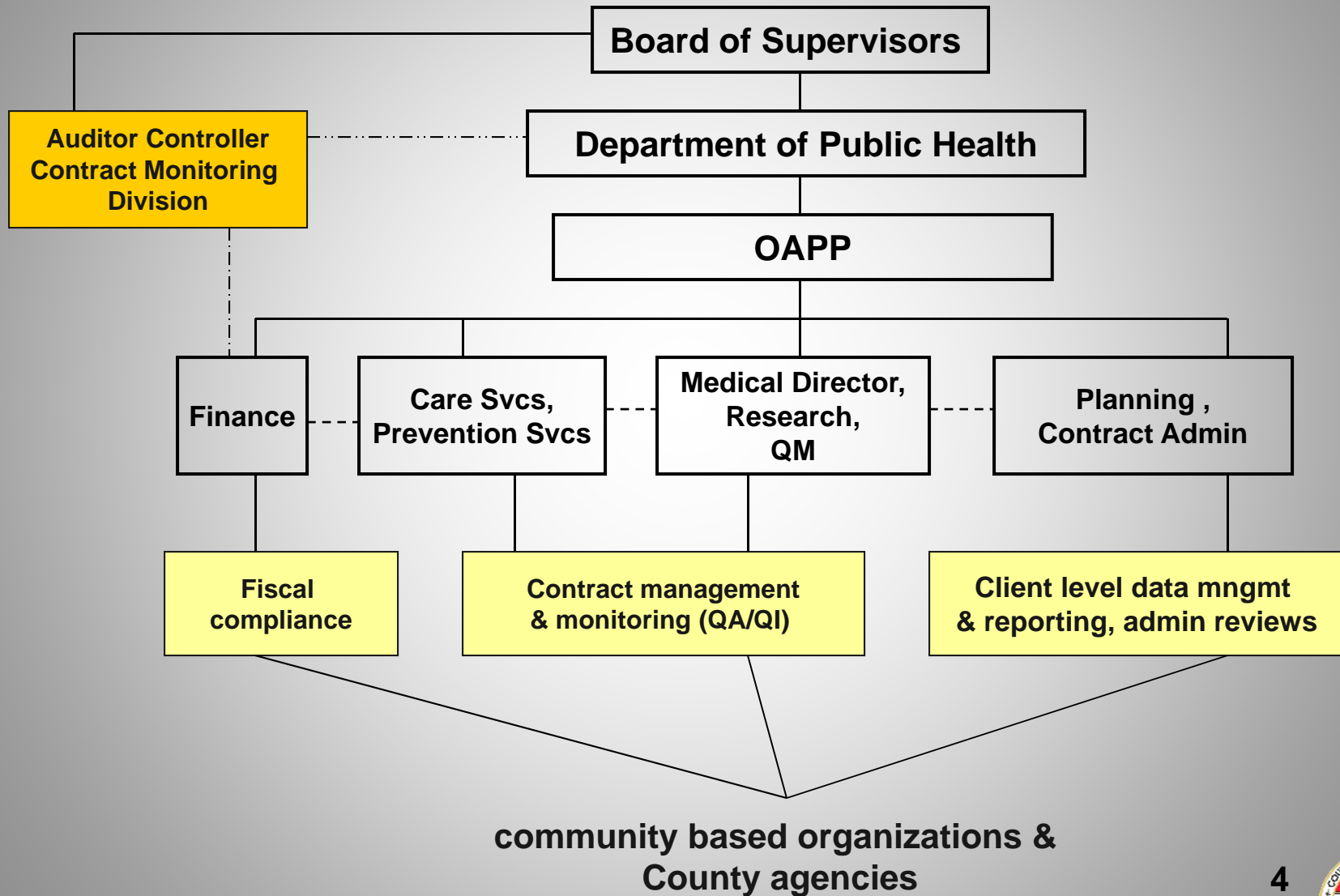
-  Dental Sites
-  Endodontic and Dental Site
-  Ryan White Medical Outpatient sites

SPA

-  1
-  2
-  3
-  4
-  5
-  6
-  7
-  8



Monitoring Function



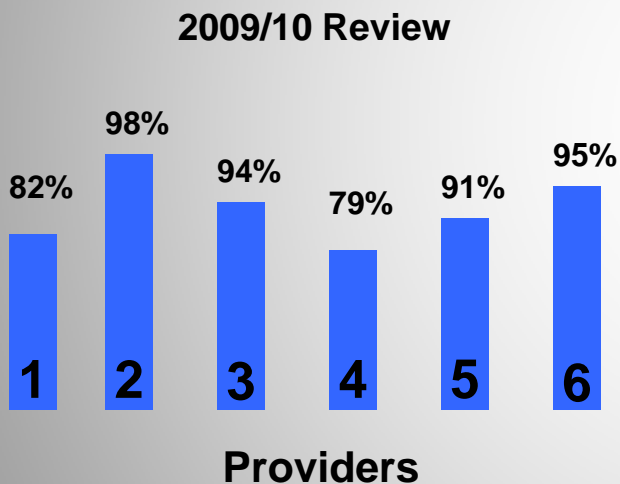
Performance Based Contract Monitoring (PBCM) Key Components

- Rapid capture of review data
- Agency on-site preliminary reporting
- Final review published in 15 days or less
 - Previously 45-120+ days
- Performance data and corrective actions tracking in a central database
- Identification of performance levels across agencies
 - Peak > or = 97%
 - Competent 88% to 96%
 - Conditional < or = 87%
- Responsive scope & scheduling of future reviews
 - Full (long) or focused (short) reviews

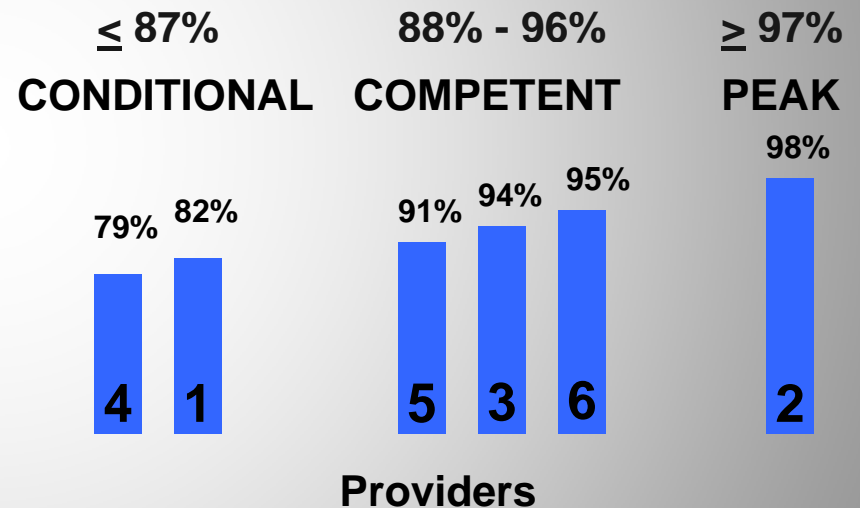


Scoring Performance

Site specific Performance scores



Performance categories using aggregate data



Benefits of PBCM

- Streamline contract monitoring process across divisions
- Acknowledge areas of excellence & identify areas for improvement
- Accurately measure agency's performance
- Increase efficiency of monitoring
- Focus on delivery of high quality services
- Maintain high performing contracts



Uses of Data

- Provide feedback to stakeholders
- Focus agencies on their improvement efforts
- Focus technical assistance on areas needing improvement
- Share best practices
- Identify emerging trends in the system of care



Ambulatory Medical Outpatient Clinical Performance Measures

- Labs – CD4, viral load
- Medications – antiretroviral therapy (ART), prophylaxis
- Screenings – opportunistic infections & other conditions, adherence
- Vaccination – hepatitis, pneumonia, influenza
- Counseling – HIV risk, hepatitis/alcohol, tobacco cessation
- Referrals – ophthalmology consults, dental care



About the Data

- Obtained from program monitoring data for funded HIV/AIDS medical outpatient clinics
- Reporting period – monitoring conducted during Ryan White Year 19; 12 months prior to site review
- Sample – 35 clinics, 948 medical records
- HAB and HIVQUAL benchmark data included where available in each graph

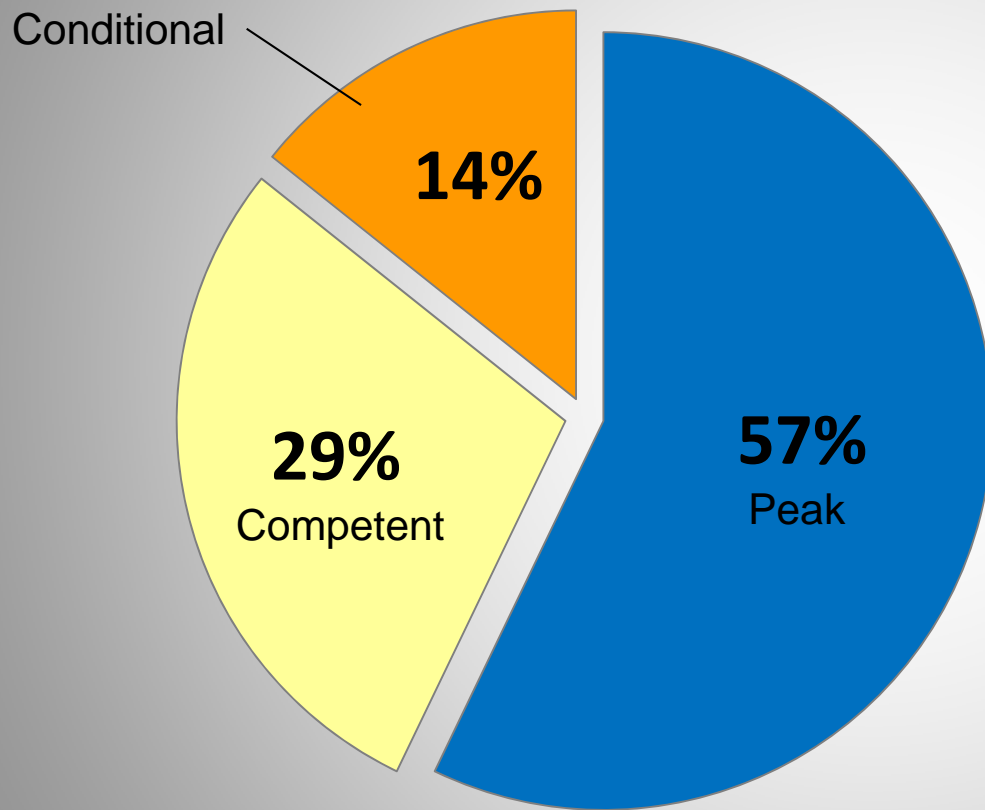


About the Data

- Number of clinic sites & records may vary for some measures
 - gender specific measures
 - addition of the measure mid cycle in the monitoring period
- Mean and median scores calculated for each measure
- Clinic names blinded

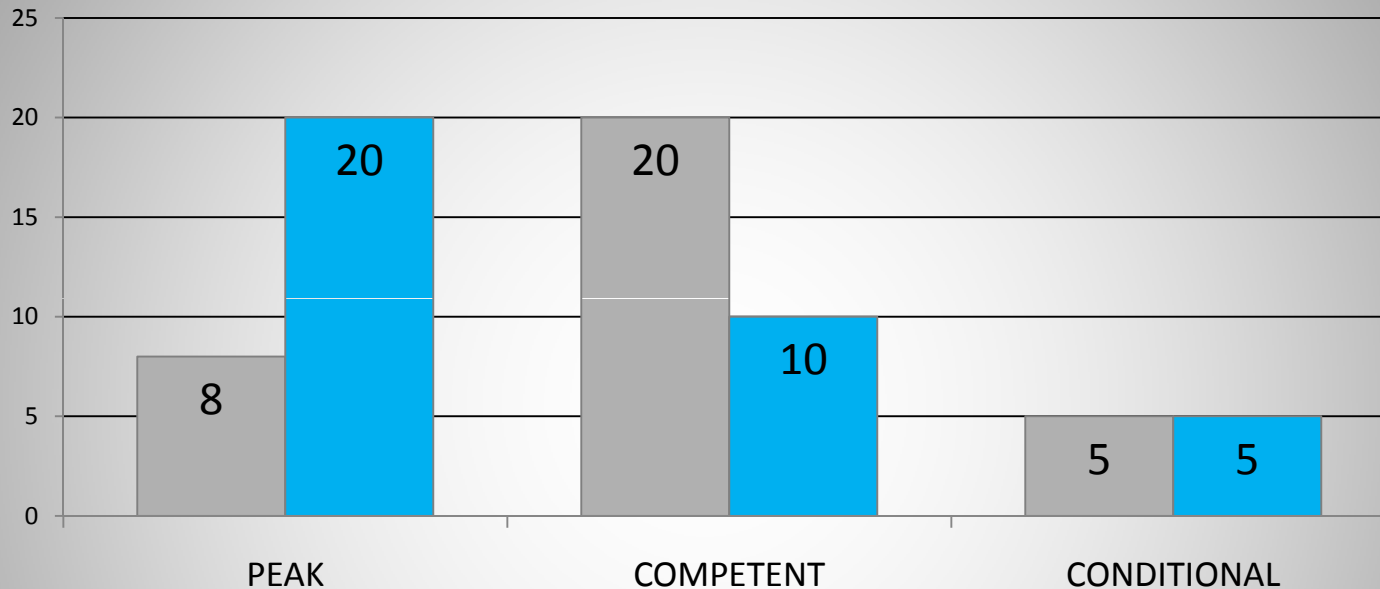


Overall Performance in Year 19



	Clinics (Tn)
PEAK > or = 97%	20
COMPETENT 88% - 96%	10
CONDITIONAL < or = 87%	5

Comparison by Performance (Yr 18 and 19)



AOM clinics , Yr 19 (Tn=35)
Records reviewed , Yr 19 (Tn=948)

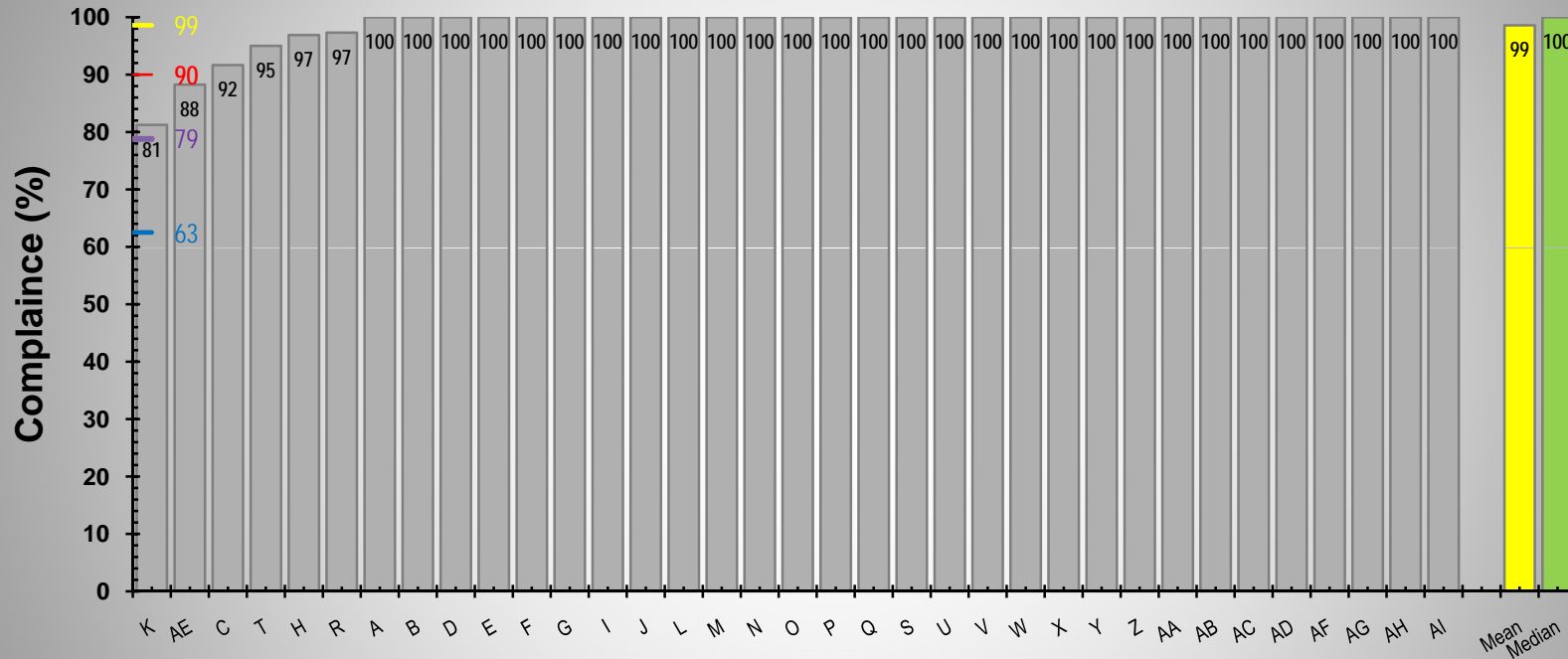
AOM clinics < Yr 18 (Tn=34)
Records reviewed, Yr 18 (Tn=1114)

- Review Compliance Summary (Year 18)
- Review Compliance Summary (Year 19)

Performance of AOM Clinics on Selected Clinical Measures



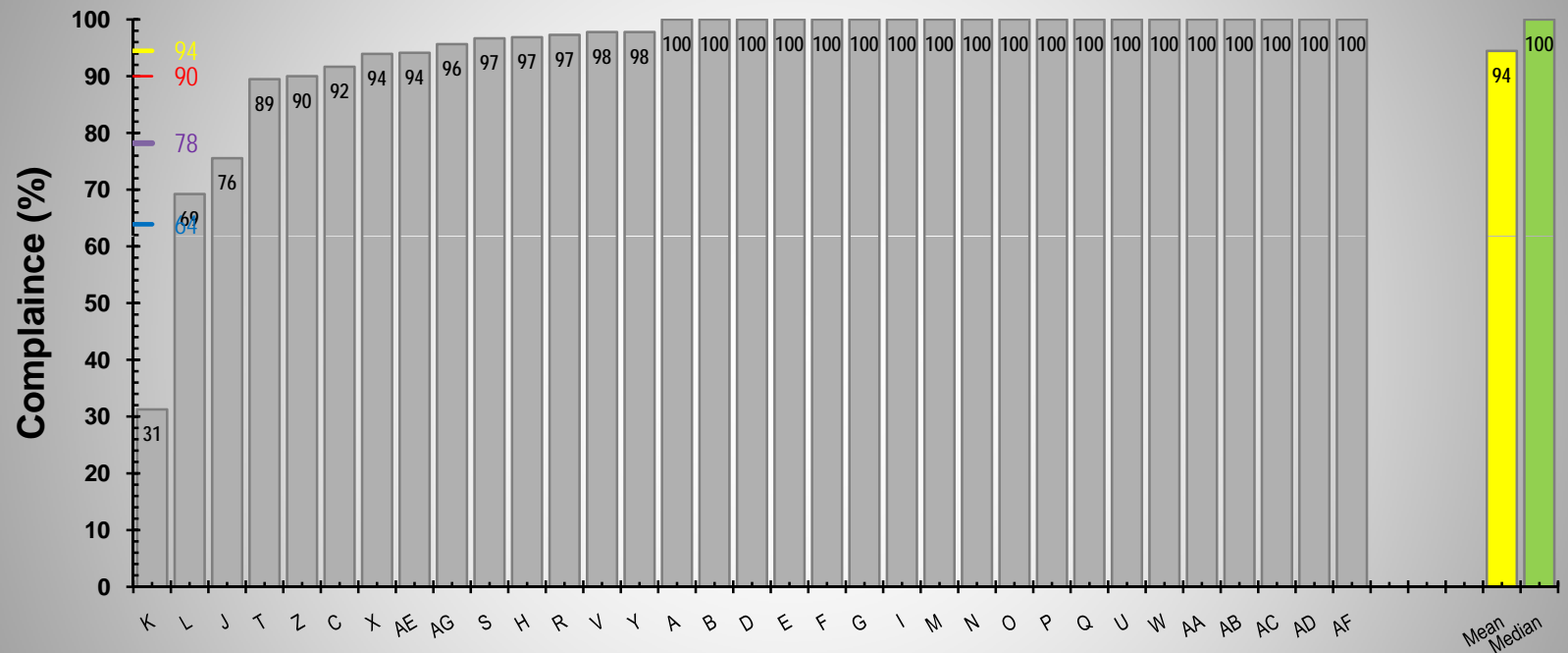
Percentage of patients who had two or more CD4 T-cell counts performed at least 3 months apart



AOM Clinics (Tn=35)
Charts Reviewed (Tn=948)

- HAB Median, 2006
- HIVQUAL 2006, Top 25%
- TFC
- Mean

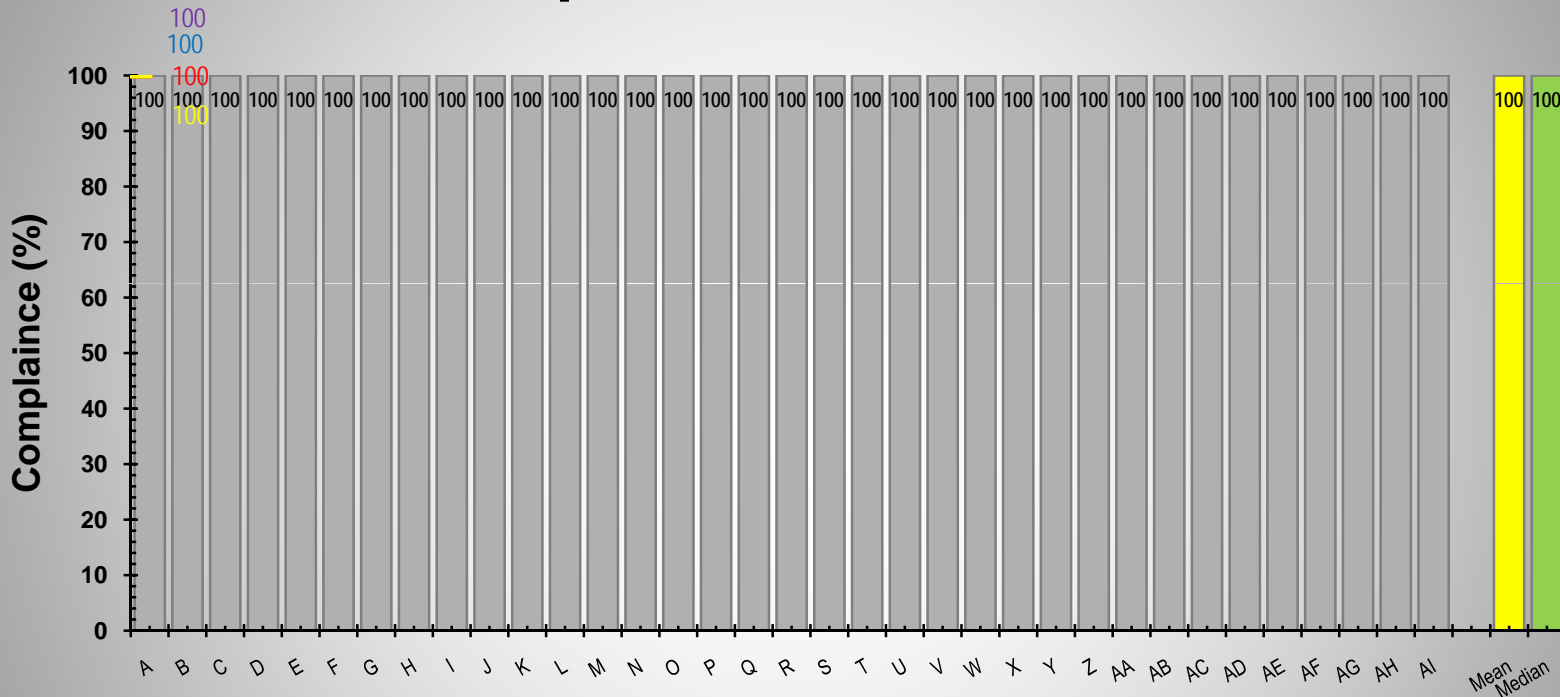
Percentage of patients who had two or more viral load tests performed at least 3 months apart



AOM Clinics (Tn=33)
Charts Reviewed (Tn=880)

- HAB Median, 2005
- HIVQUAL 2005, Top 25%
- Mean

Percentage of patients with CD4 T-cell counts <350 cells/mm³ or an AIDS-defining condition who were prescribed ART

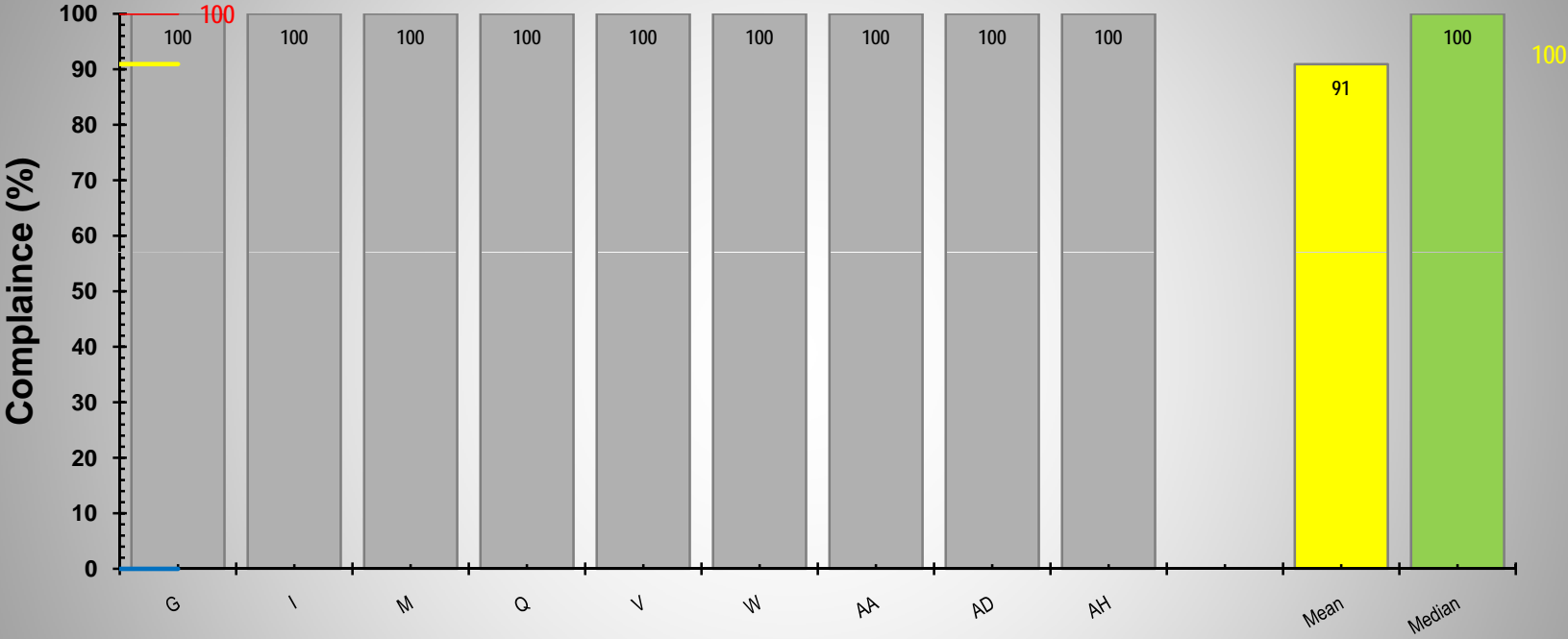


AOM Clinics (Tn=35)
Charts Reviewed (Tn=948)

- HAB Median, 2006
- HIVQUAL 2006, Top 25%
- TFC
- Mean



Percentage of pregnant women prescribed antiretroviral therapy (ART) during the second and third trimester

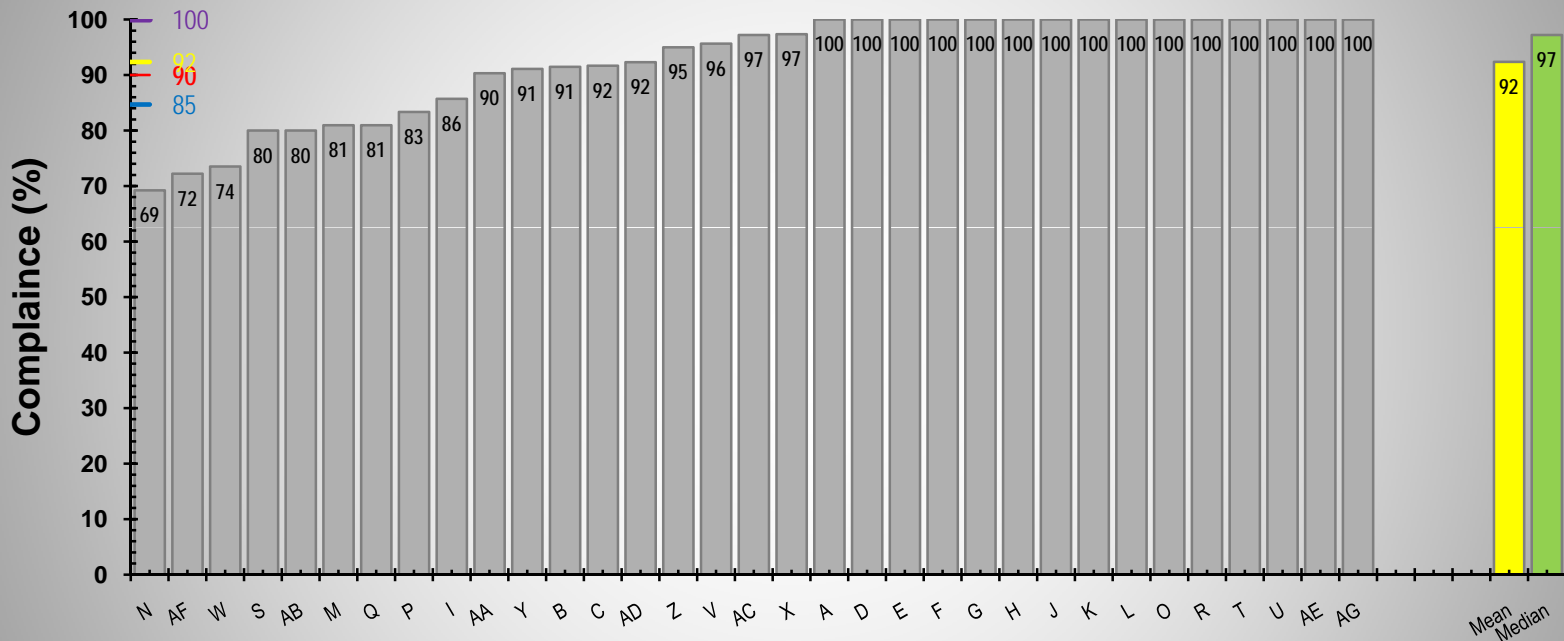


AOM Clinics (Tn=9)
Charts Reviewed (Tn=306)

— TFC
 — Mean



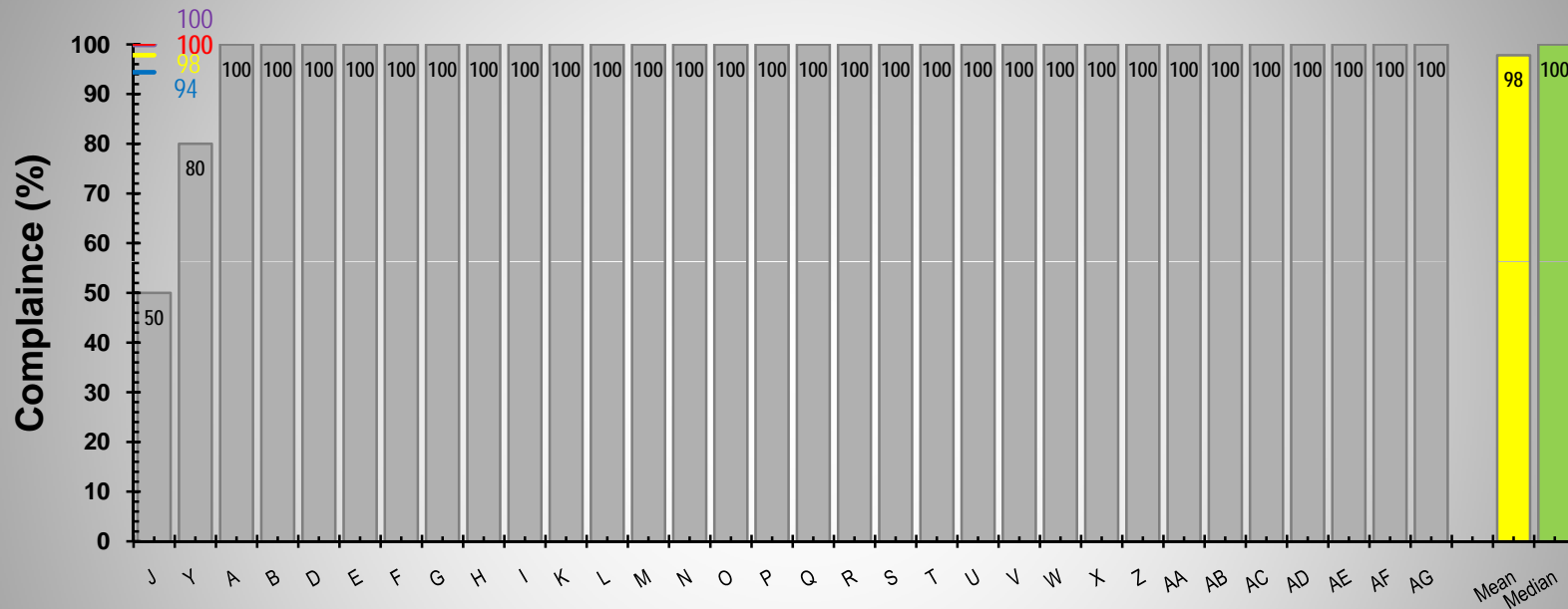
Percentage of patients with HIV-infection on ART who had a lipid panel



AOM Clinics (Tn=33)
Charts Reviewed (Tn=880)

- HIVQUAL 2006, Top 25%
- HAB Median, 2006
- TFC
- Mean

Percentage of patients with CD4 T-cell count < 200 cells/mm³ who were prescribed PCP prophylaxis

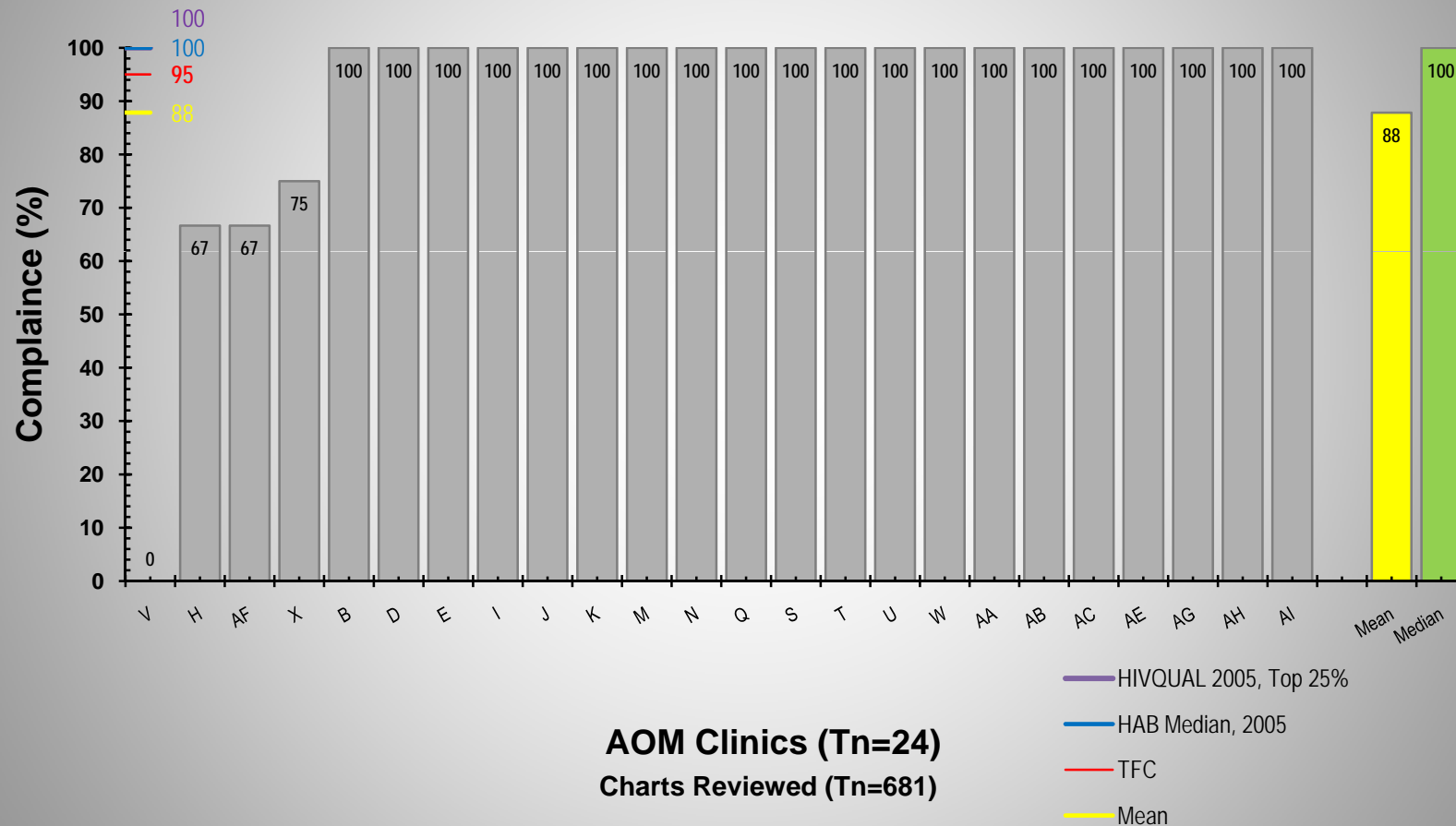


AOM Clinics (Tn=35)
Charts Reviewed (Tn=948)

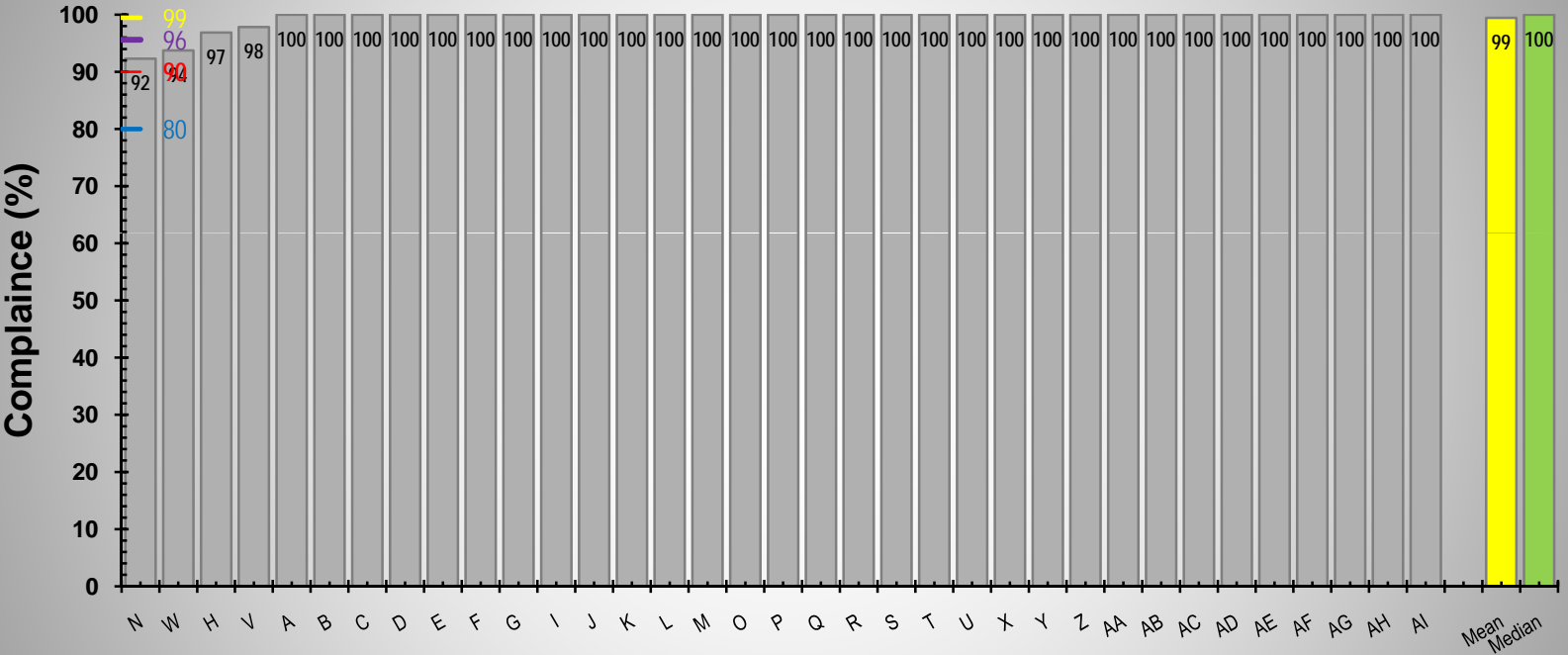
- HIVQUAL 2006, Top 25%
- HAB Median, 2006
- TFC
- Mean



Percentage of patients with CD4 count < 50 cells/mm³ who received MAC prophylaxis within measurement year



Percentage of patients who had at least one test for syphilis performed within the measurement year

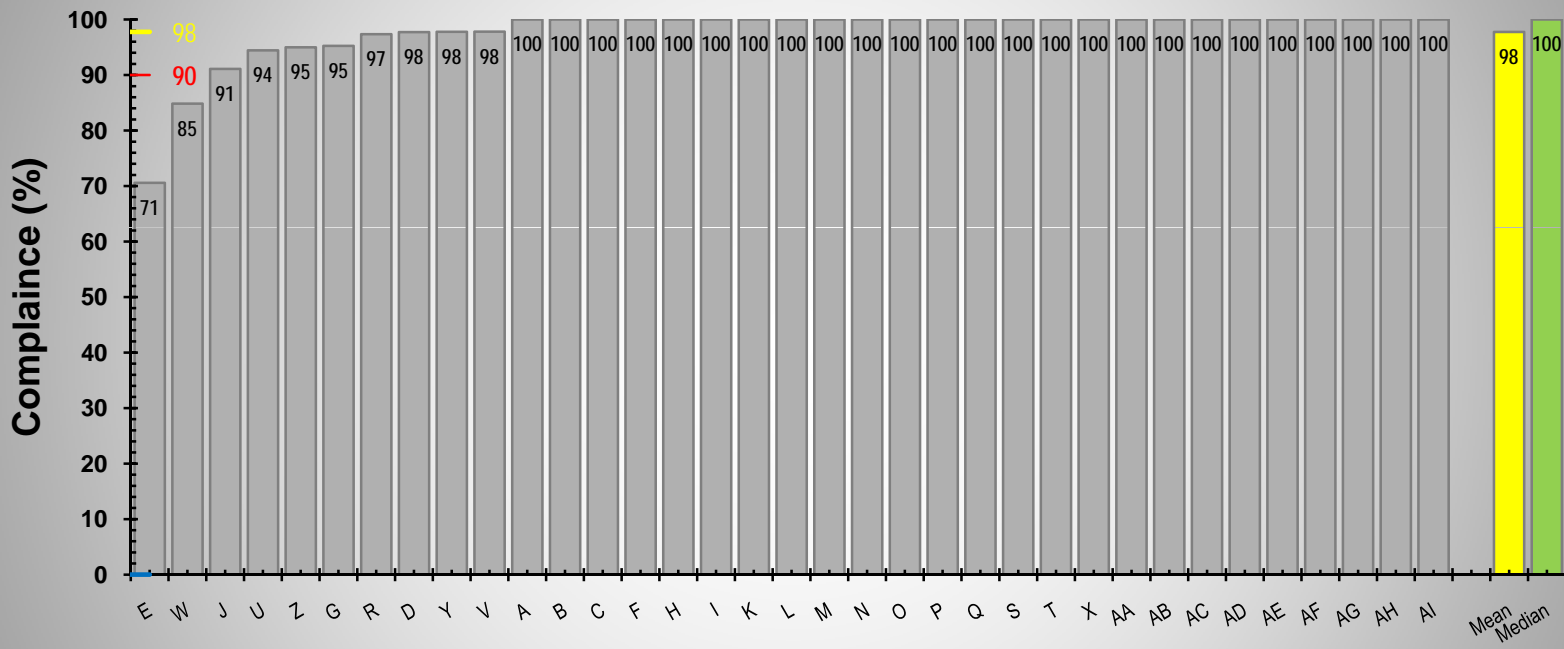


AOM Clinics (Tn=35)
Charts Reviewed (Tn=948)

- HIVQUAL 2006, Top 25%
- HAB Median, 2006
- TFC
- Mean



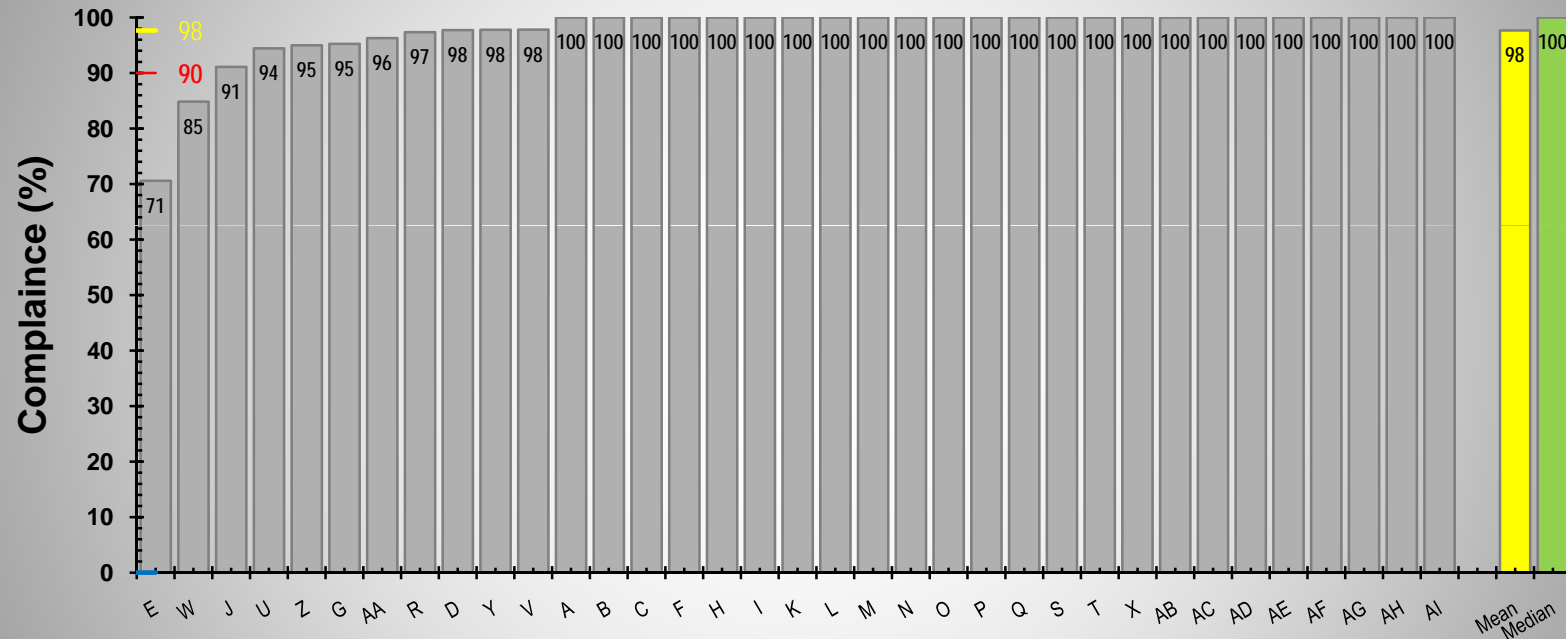
Percentage of adult patients who had a test for gonorrhea within the measurement year



AOM Clinics (Tn=35)
Charts Reviewed (Tn=948)

— TFC
 — Mean

Percentage of patients who had a test for Chlamydia within the measurement year

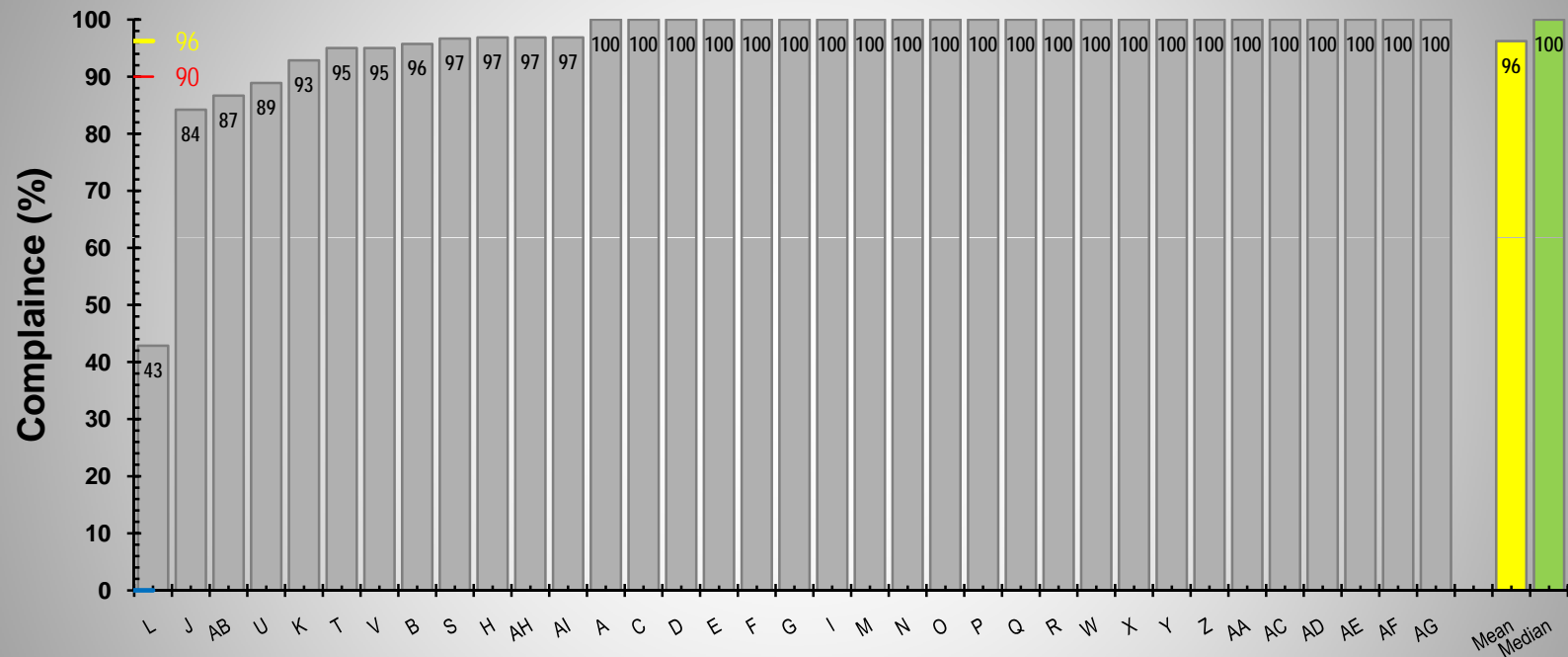


AOM Clinics (Tn=35)
Charts Reviewed (Tn=948)

— TFC
 — Mean



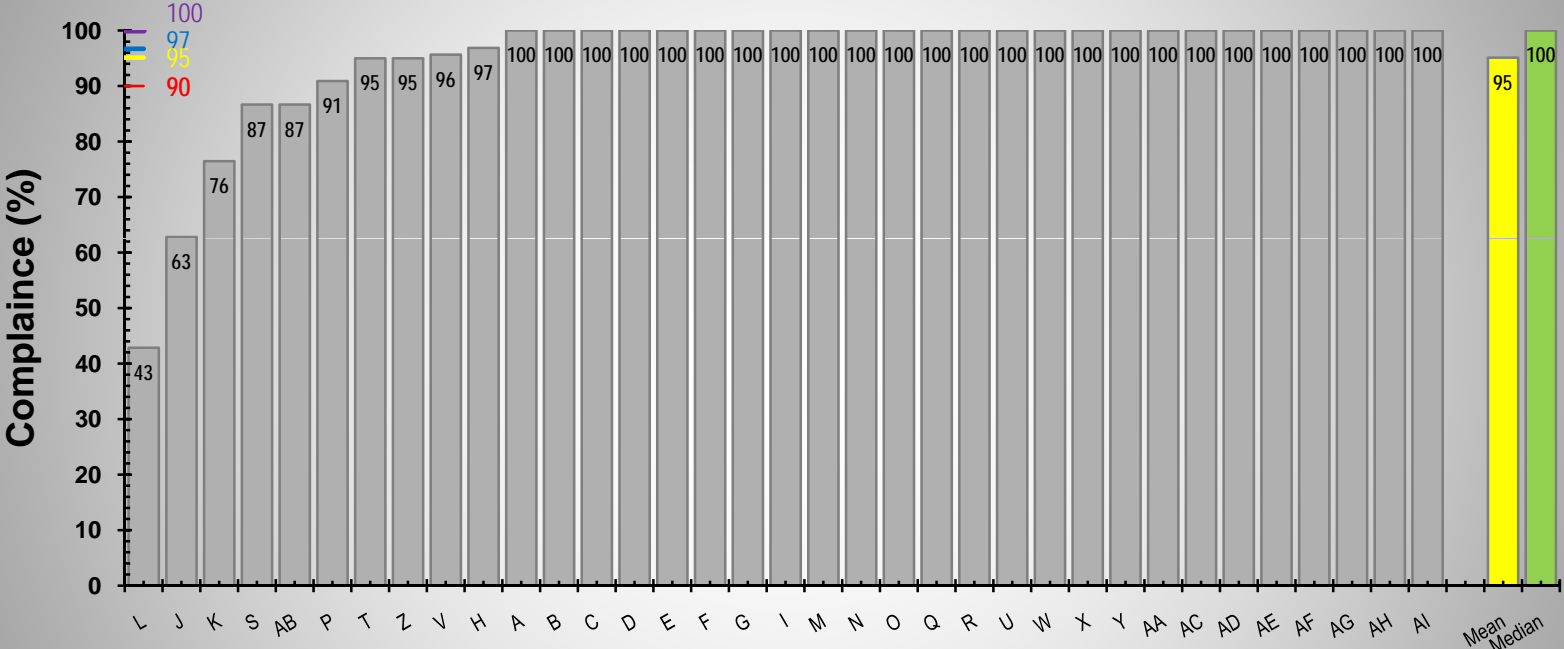
Percentage of patients who have ever been tested for Hepatitis B status and have documented Hep B status in the medical record



AOM Clinics (Tn=35)
Charts Reviewed (Tn=948)

— Mean

Percentage of patients for whom Hepatitis C screening was performed and status documented in chart at least once since the diagnosis of HIV-infection

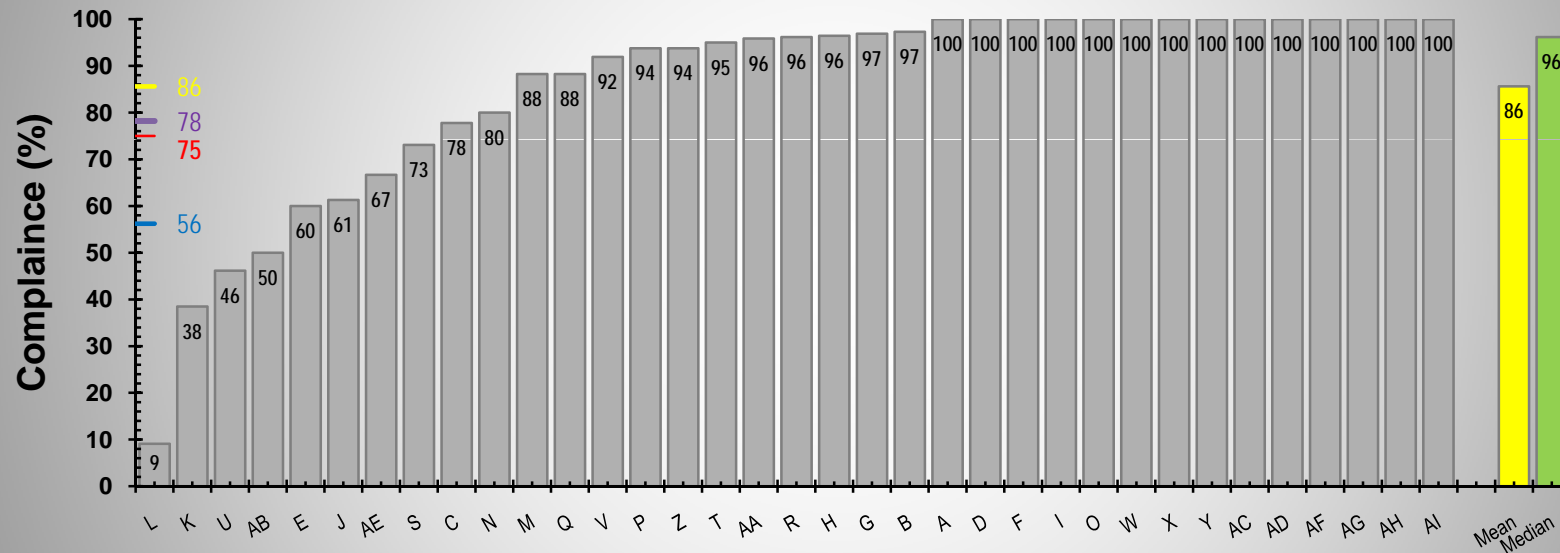


AOM Clinics (Tn=35)
Charts Reviewed (Tn=948)

- HIVQUAL 2006, Top 25%
- HAB Median, 2006
- TFC
- Mean



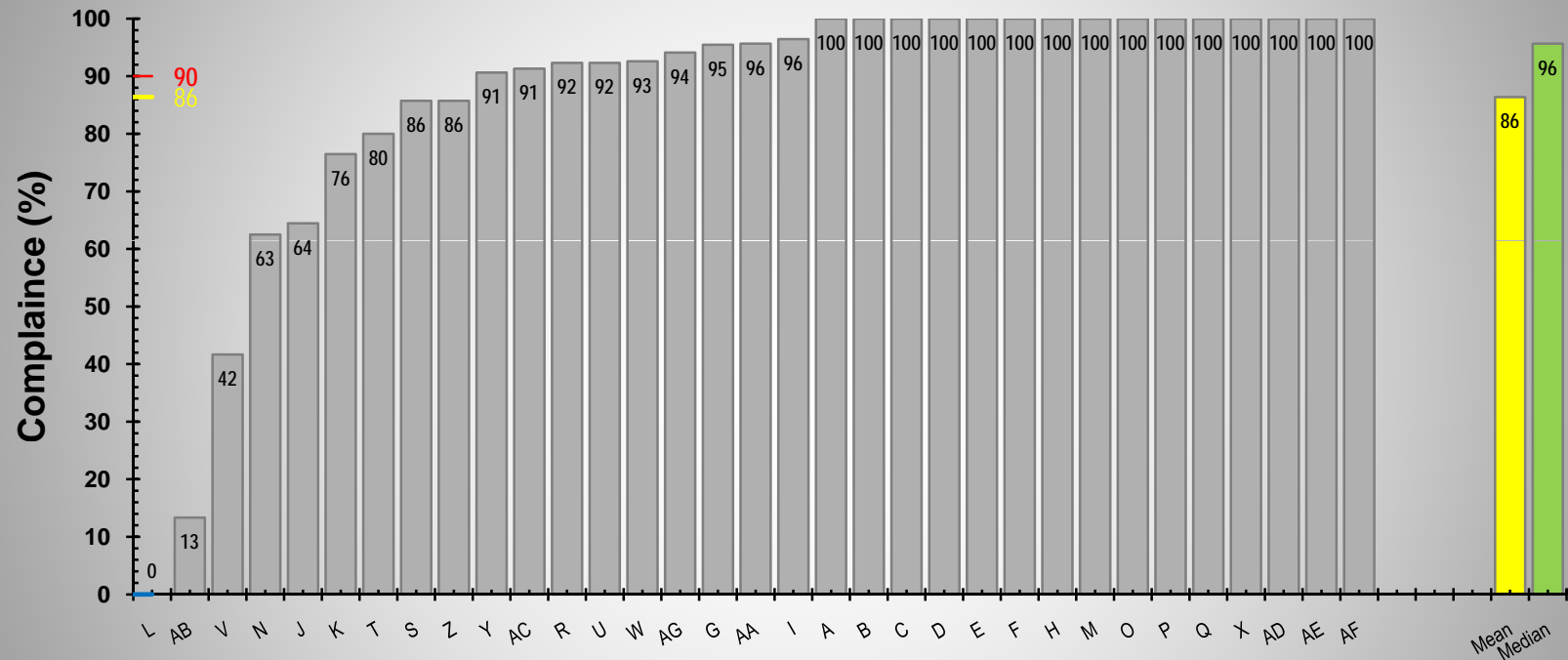
Percentage of patients who received testing with results documented for latent tuberculosis infection (LTBI) in the measurement year with any approved test (tuberculin skin test [TST] or interferon gamma release assay [IGRA])



AOM Clinics (Tn=35)
Charts Reviewed (Tn=948)

- HAB Median, 2006
- HIVQUAL 2006, Top 25%
- TFC
- Mean

Percentage of patients who ever received screening for *Toxoplasma gondii* as documented in chart

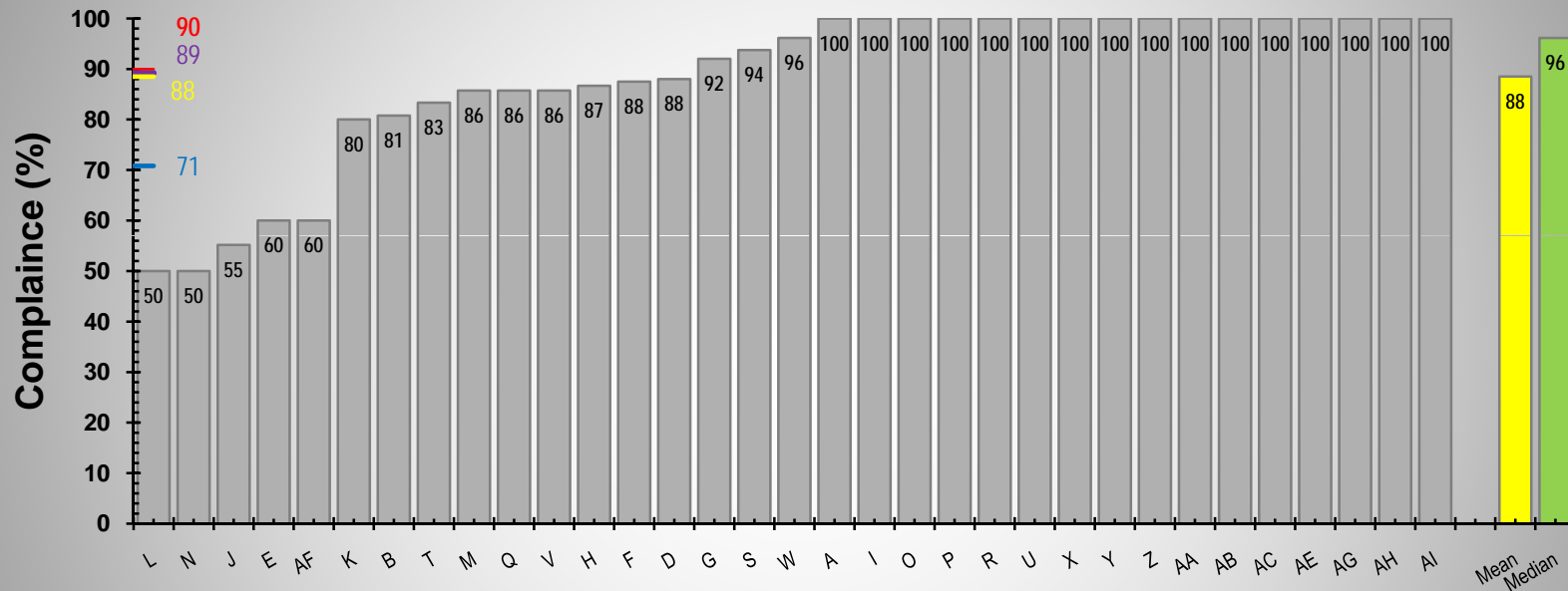


AOM Clinics (Tn=33)
Charts Reviewed (Tn=880)

— TFC

— Mean

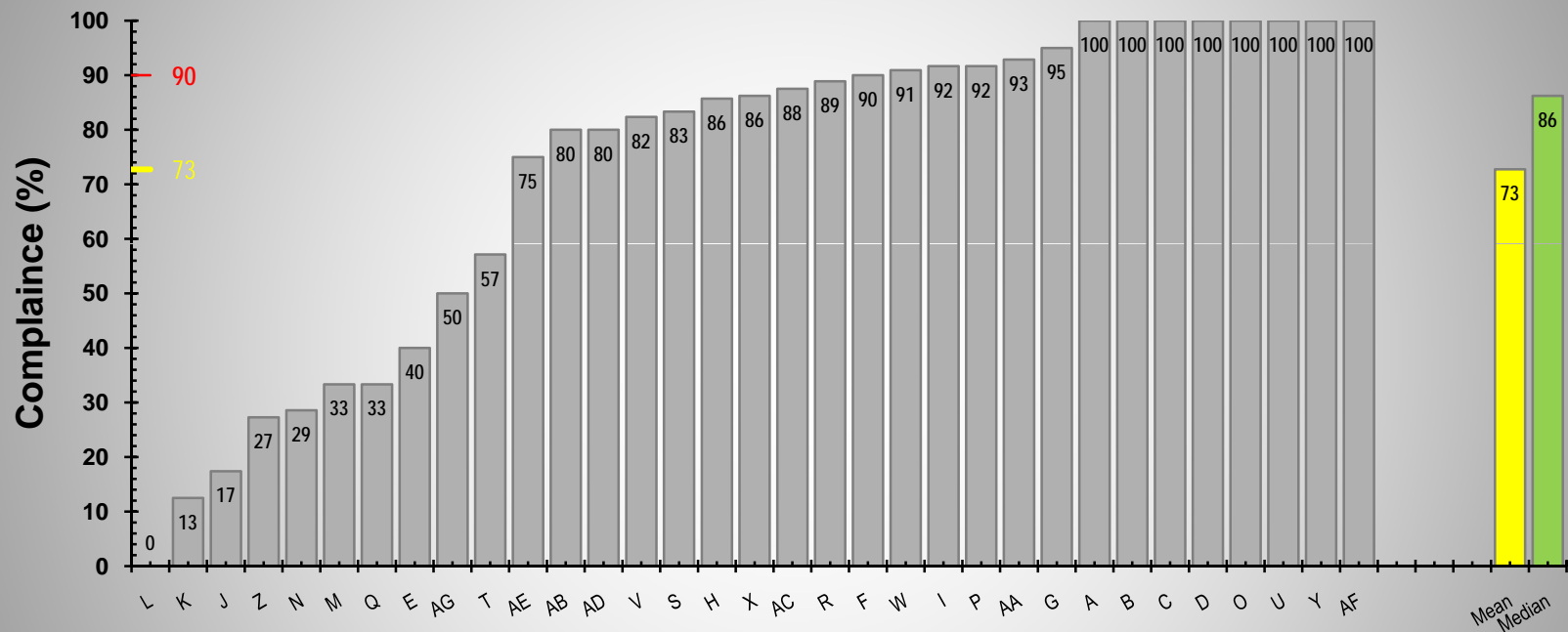
Percentage of female patients who had PAP screen results documented



- HIVQUAL 2006, Top 25%
- HAB Median, 2006
- TFC
- Mean

AOM Clinics (Tn=35)
Charts Reviewed (Tn=948)

Percentage of patients who have received complete dosing regimen (two doses) against Hepatitis A

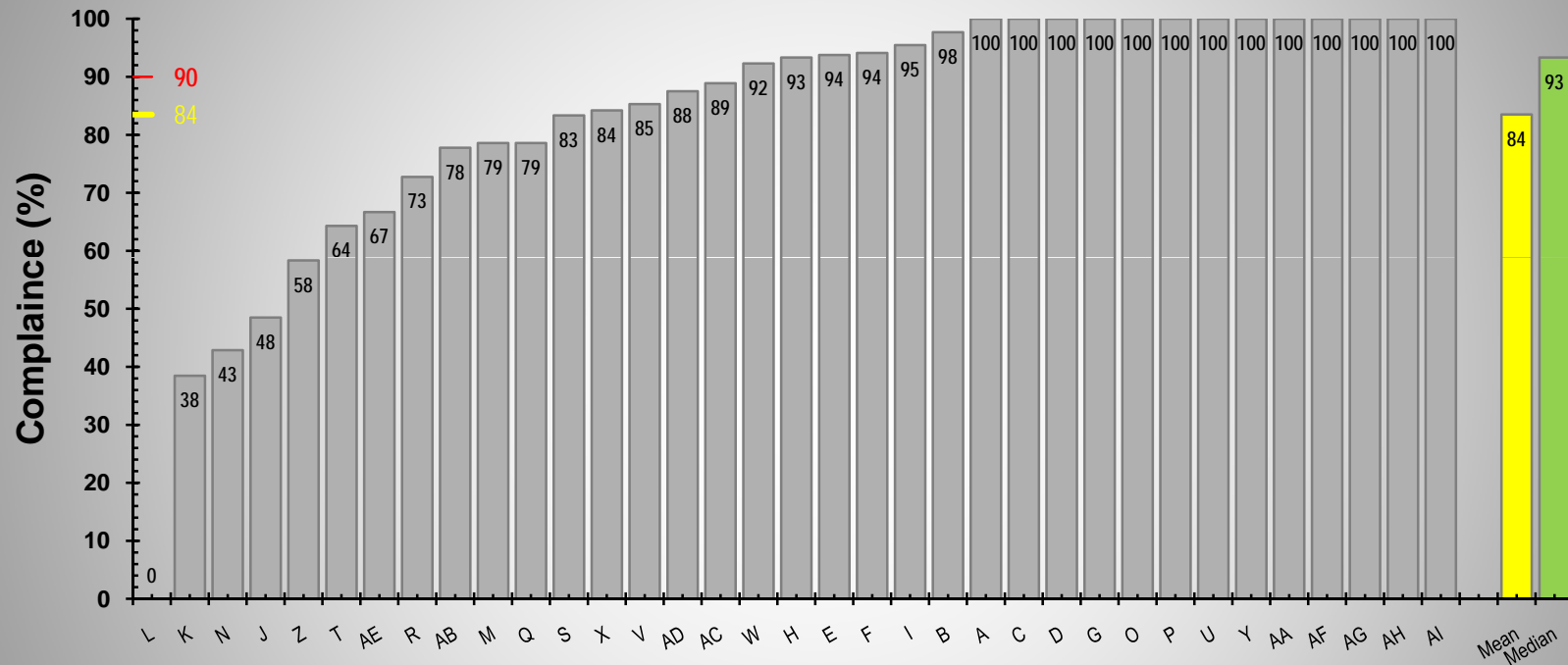


AOM Clinics (Tn=33)
Charts Reviewed (Tn=880)

— TFC
 — Mean



Percentage of patients who completed the vaccination series for Hepatitis B and documentation in chart

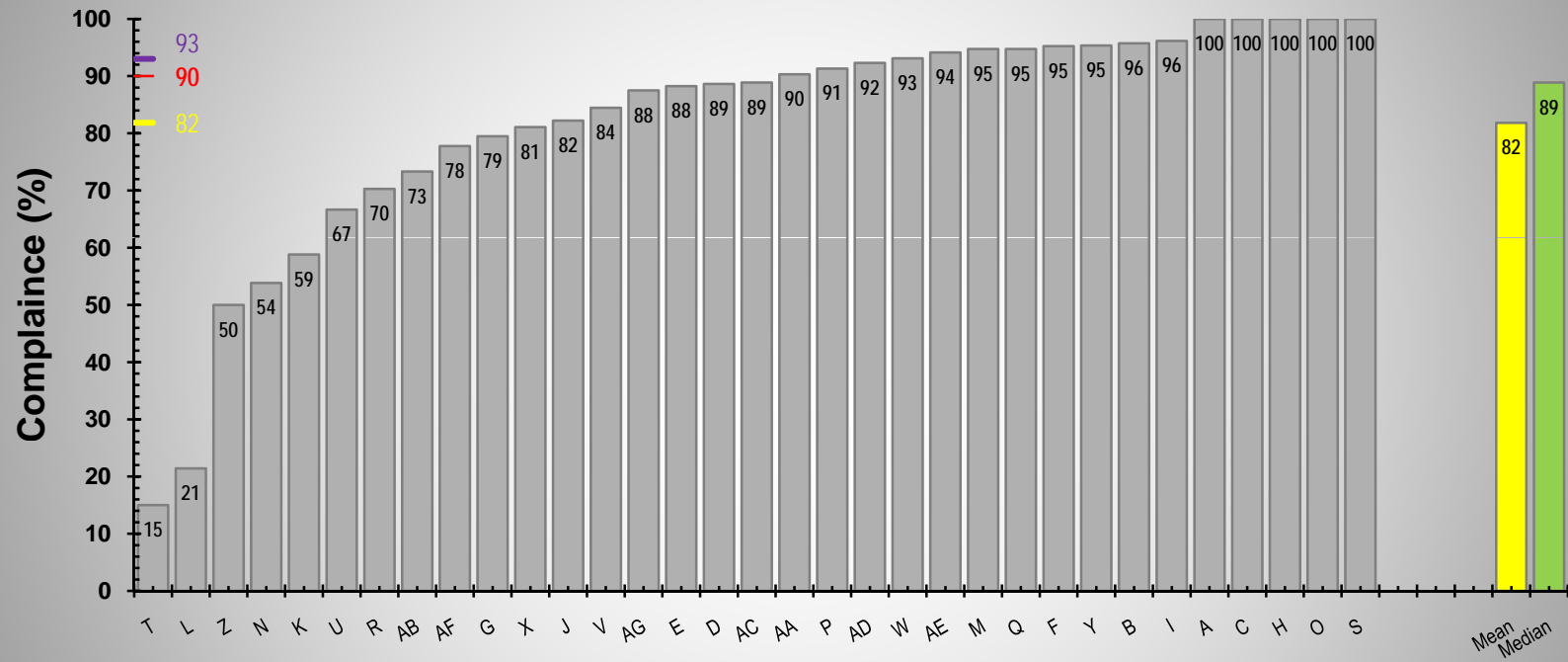


AOM Clinics (Tn=35)
Charts Reviewed (Tn=948)

— TFC

— Mean

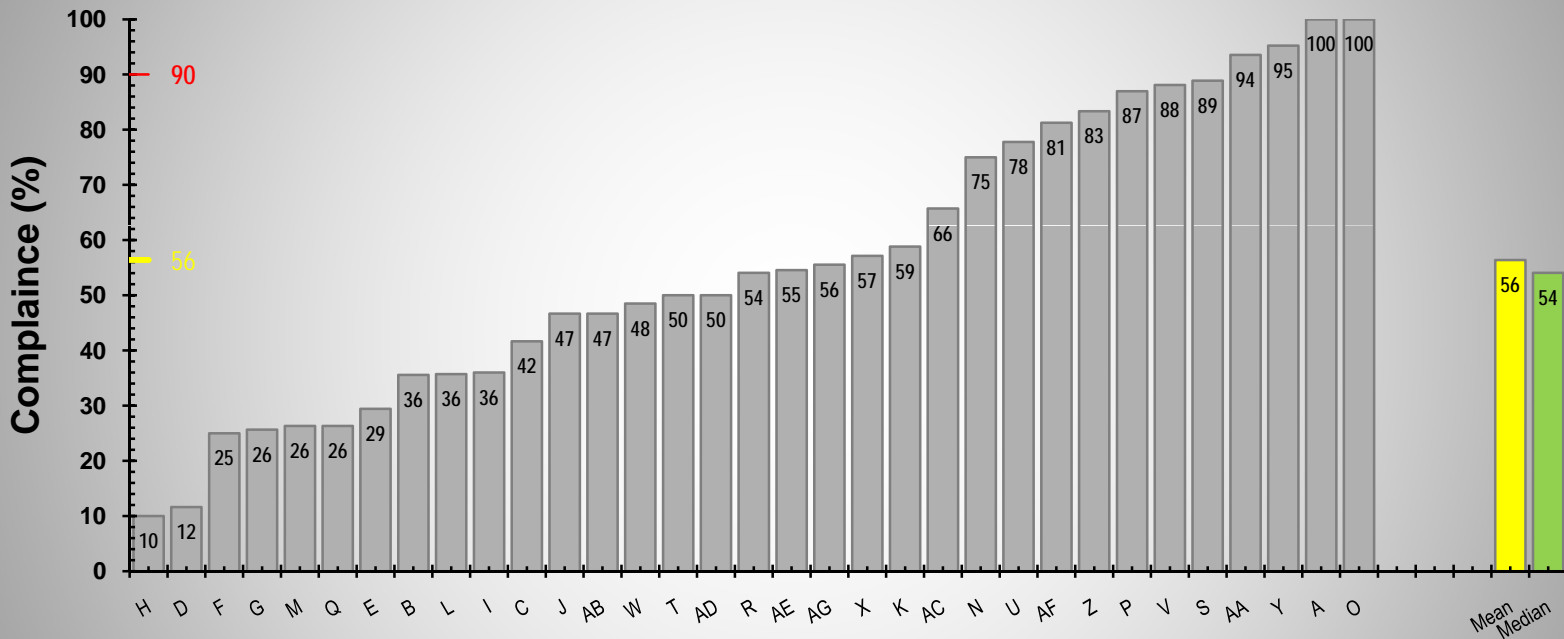
Percentage of patients who have ever received a pneumococcal vaccination



AOM Clinics (Tn=33)
Charts Reviewed (Tn=880)

— HIVQUAL 2005, Top 25%
 — TFC
 — Mean

Number of patients who received influenza vaccination within the measurement period

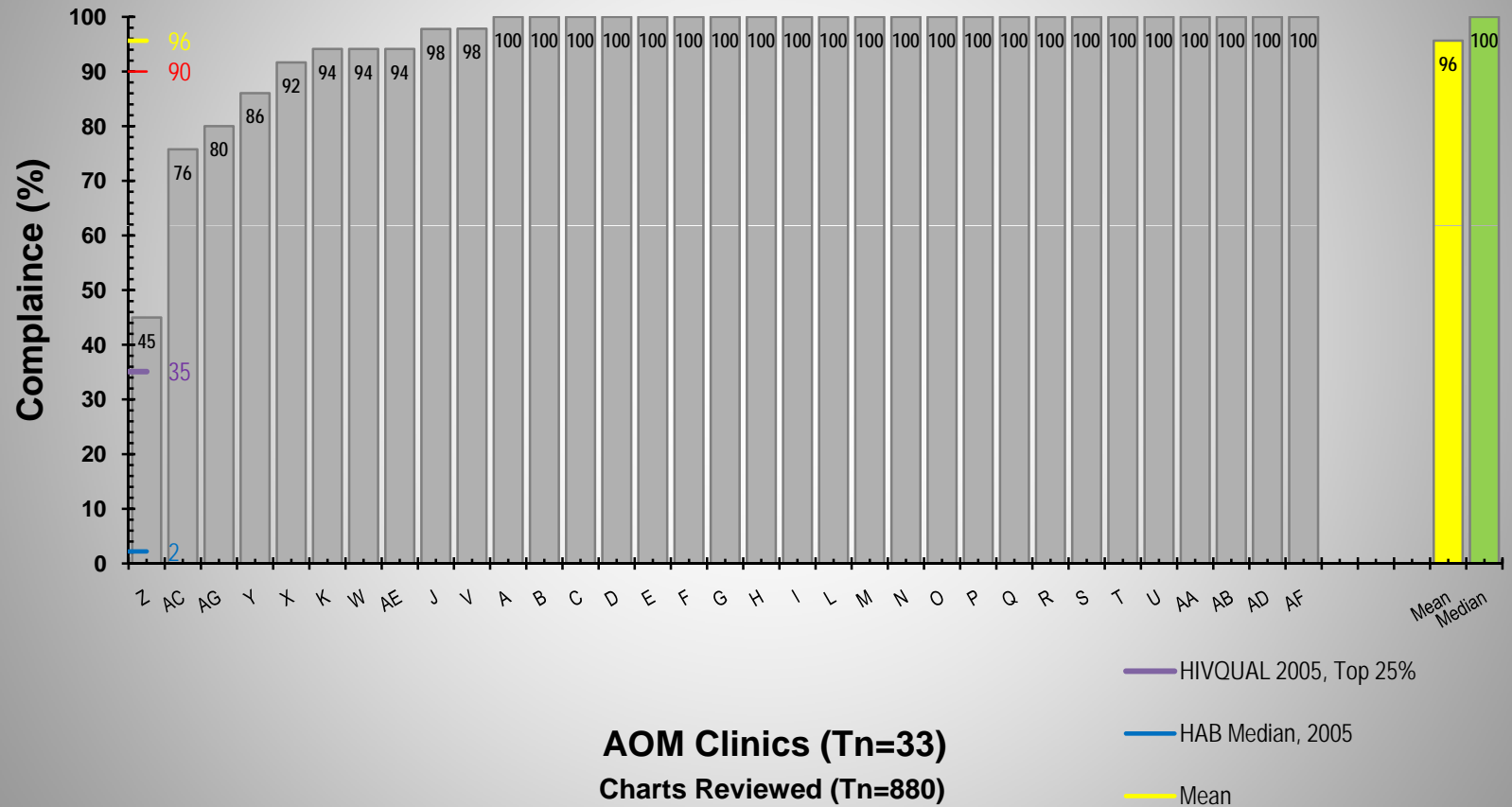


AOM Clinics (Tn=33)
Charts Reviewed (Tn=880)

— TFC

— Mean

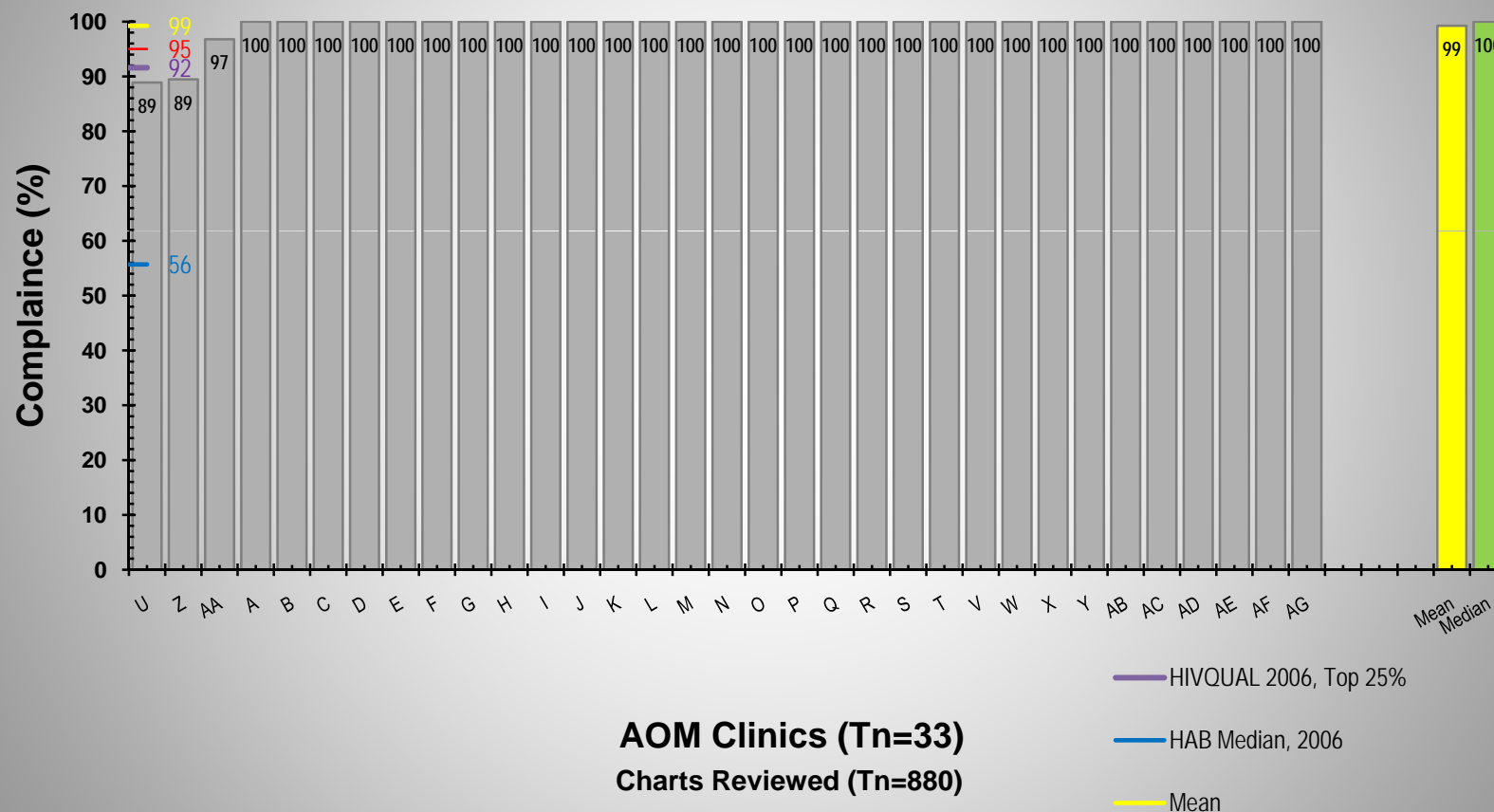
Percentage of patients who have had a mental health assessment



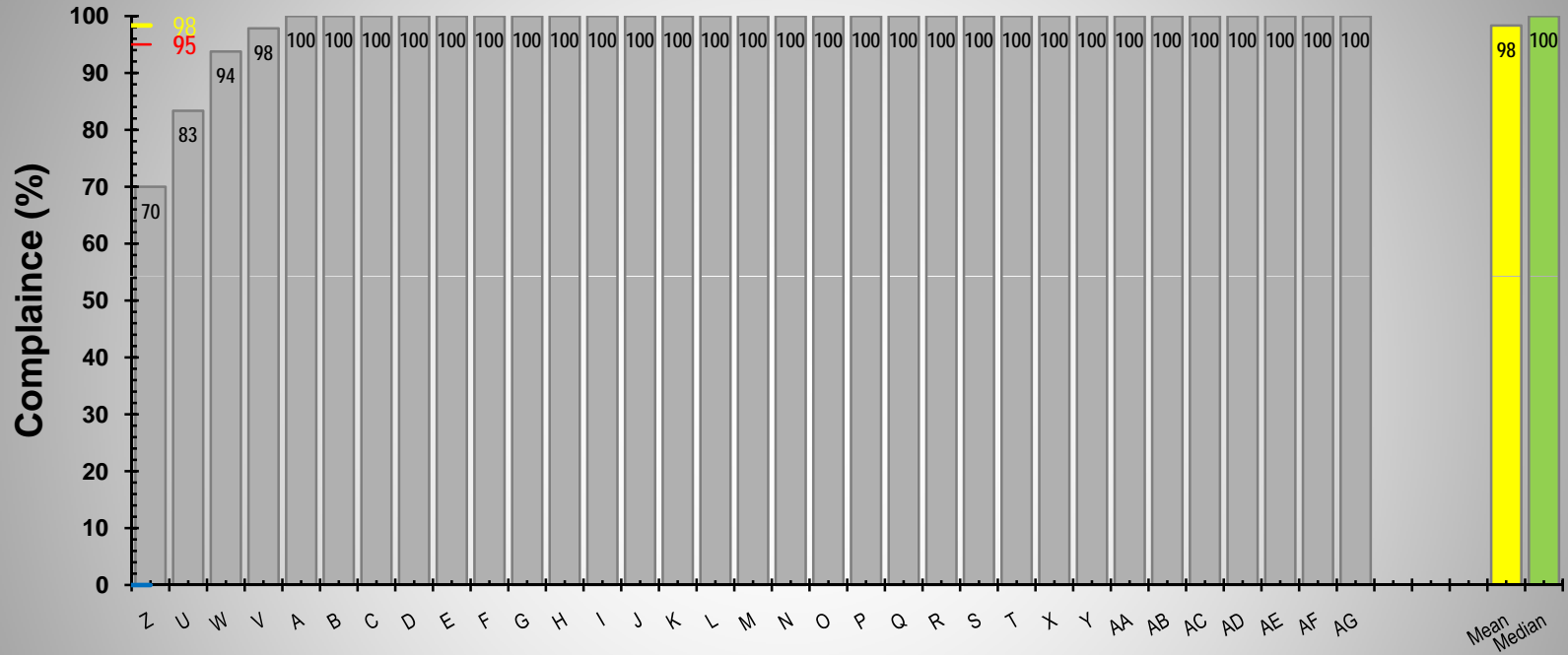
AOM Clinics (Tn=33)
Charts Reviewed (Tn=880)



Percentage of patients on ART who were assessed for adherence (and counseled if suboptimal adherence) two or more times in the measurement year



Percentage of patients with HIV infection who received HIV risk counseling within the measurement year

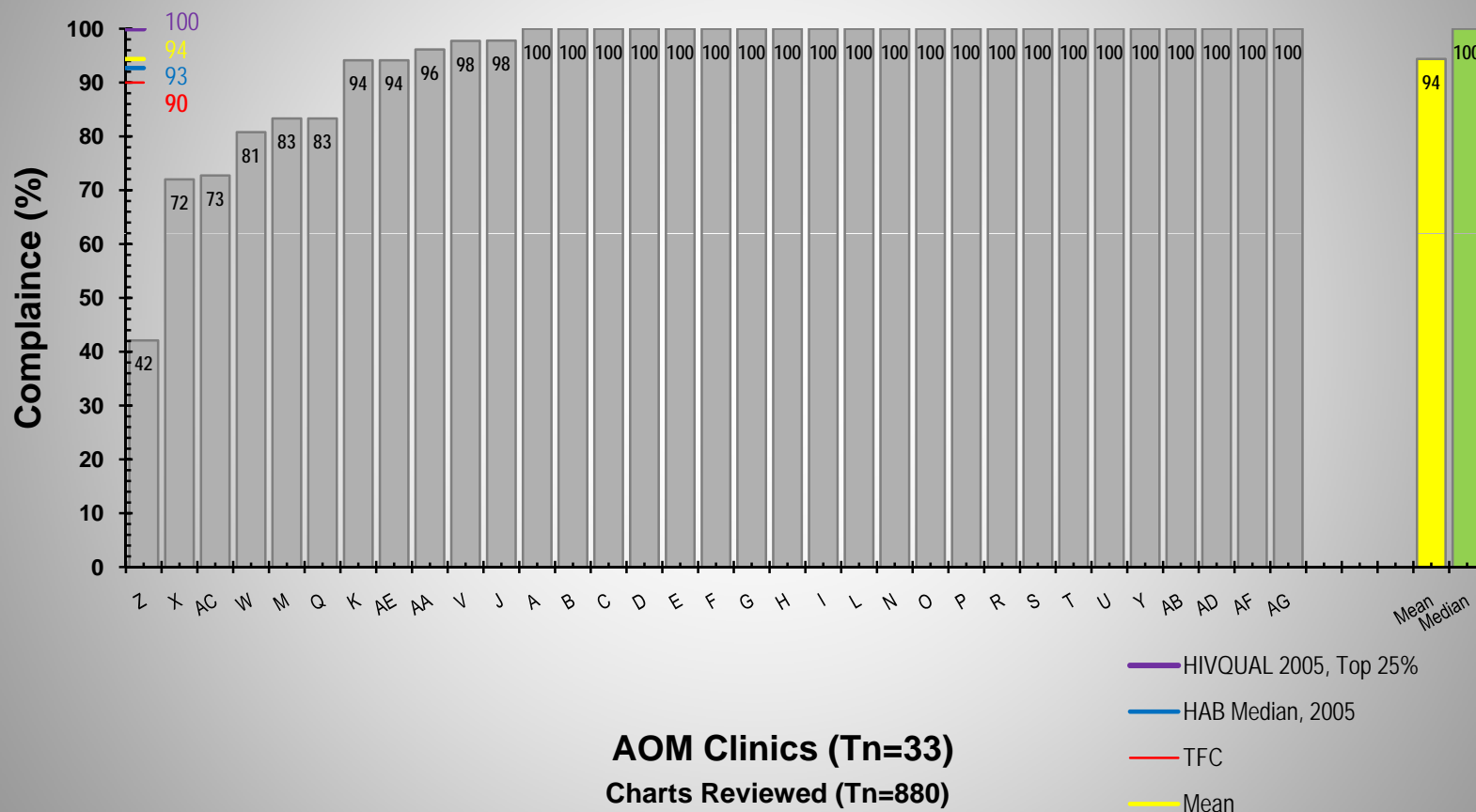


AOM Clinics (Tn=33)
Charts Reviewed (Tn=880)

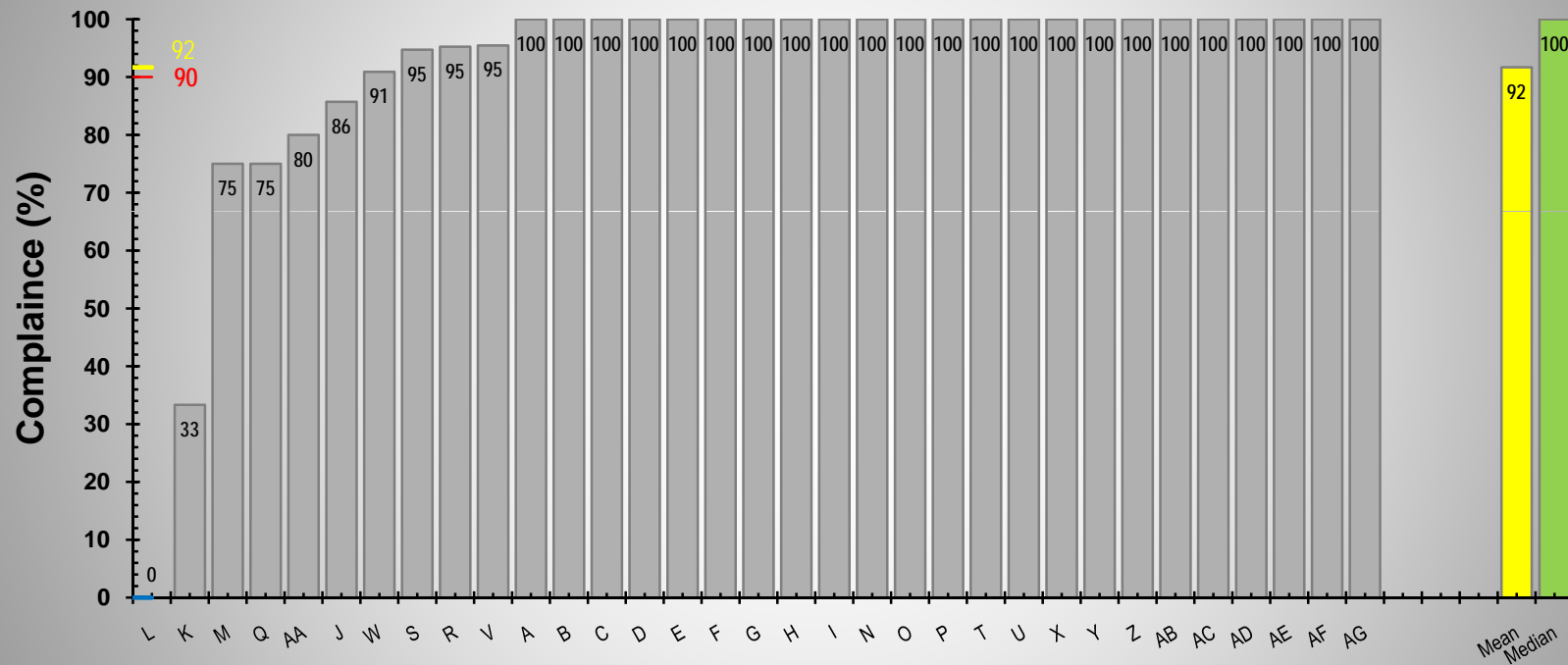
— TFC
 — Mean
 — Median



Percentage of patients who have been assessed for substance use (alcohol and illicit substances) in the measurement year



Percentage of patients with HIV and Hepatitis B (HBV) or Hepatitis C (HCV) infection who received alcohol counseling within the measurement year



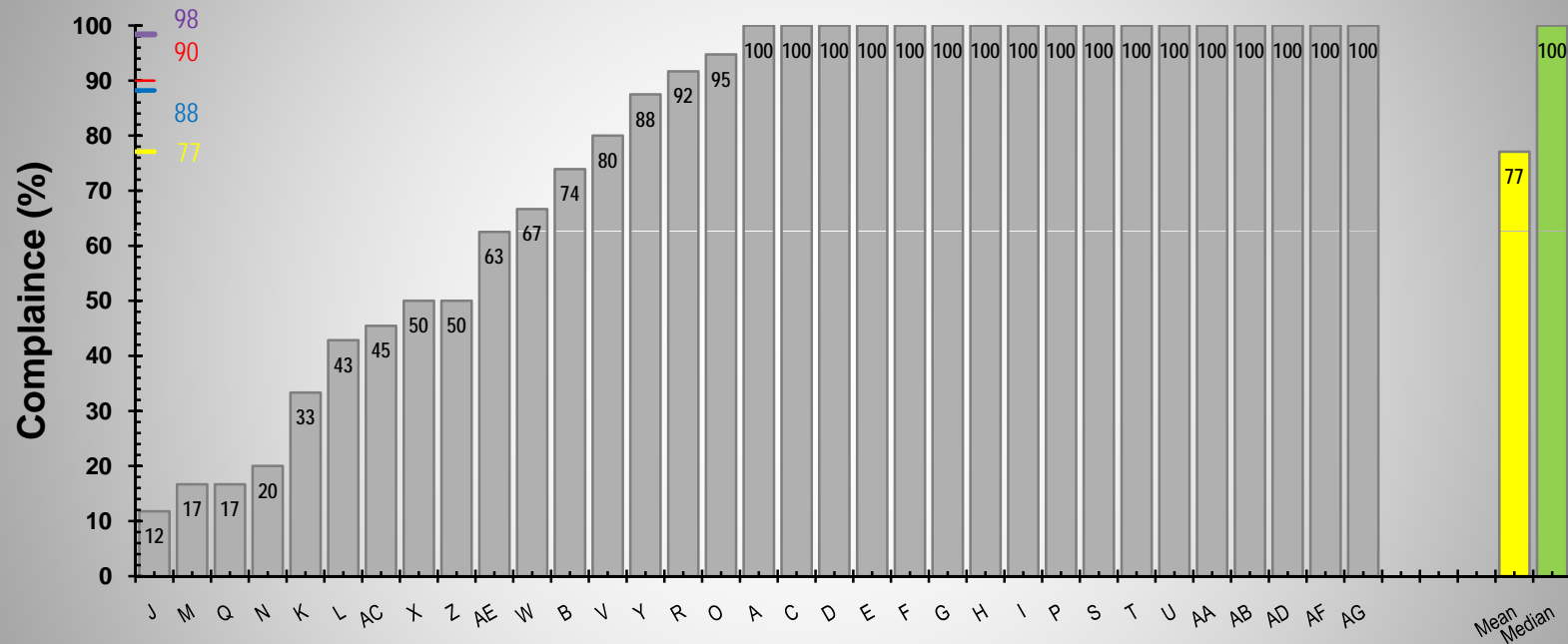
AOM Clinics (Tn=33)
Charts Reviewed (Tn=880)

— TFC

— Mean



Percentage of patients who received tobacco cessation counseling within the measurement year

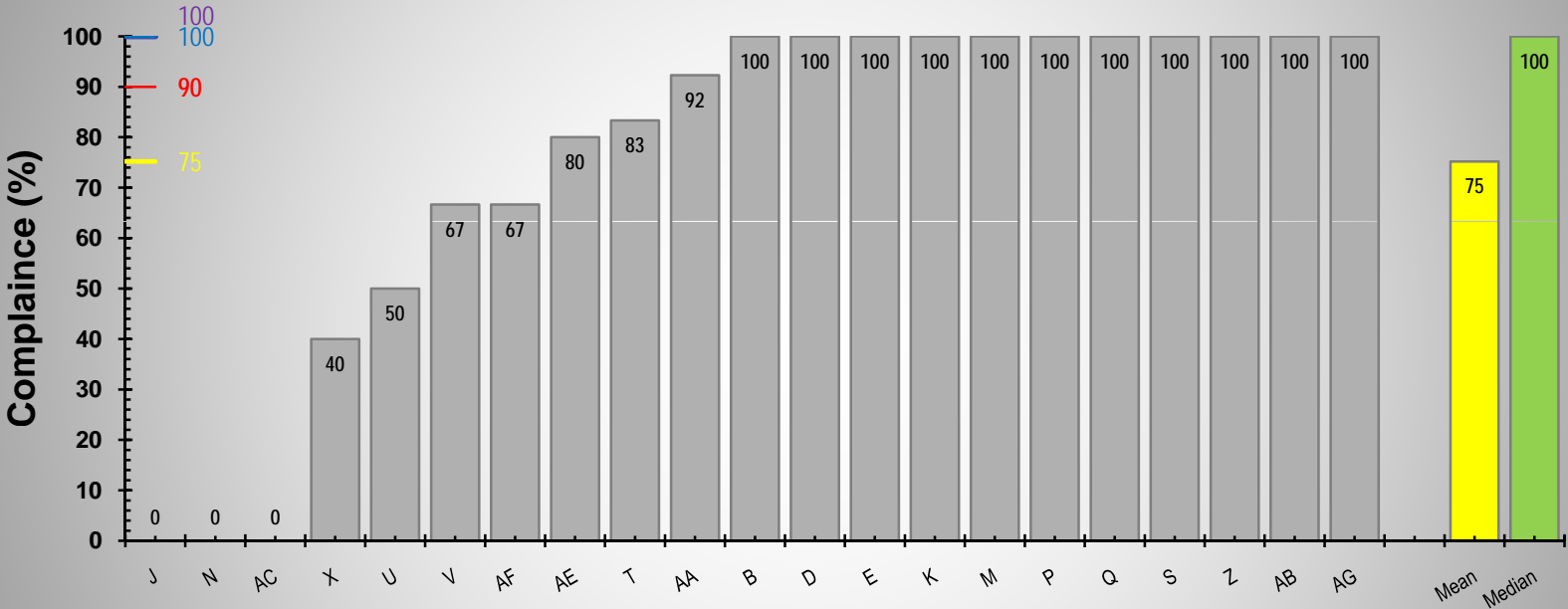


AOM Clinics (Tn=33)
Charts Reviewed (Tn=880)

- HIVQUAL 2005, Top 25%
- HAB Median, 2005
- Mean



Percentage of patients with CD4 count < 50 cells/mm³ with documented ophthalmology referral within the measurement year

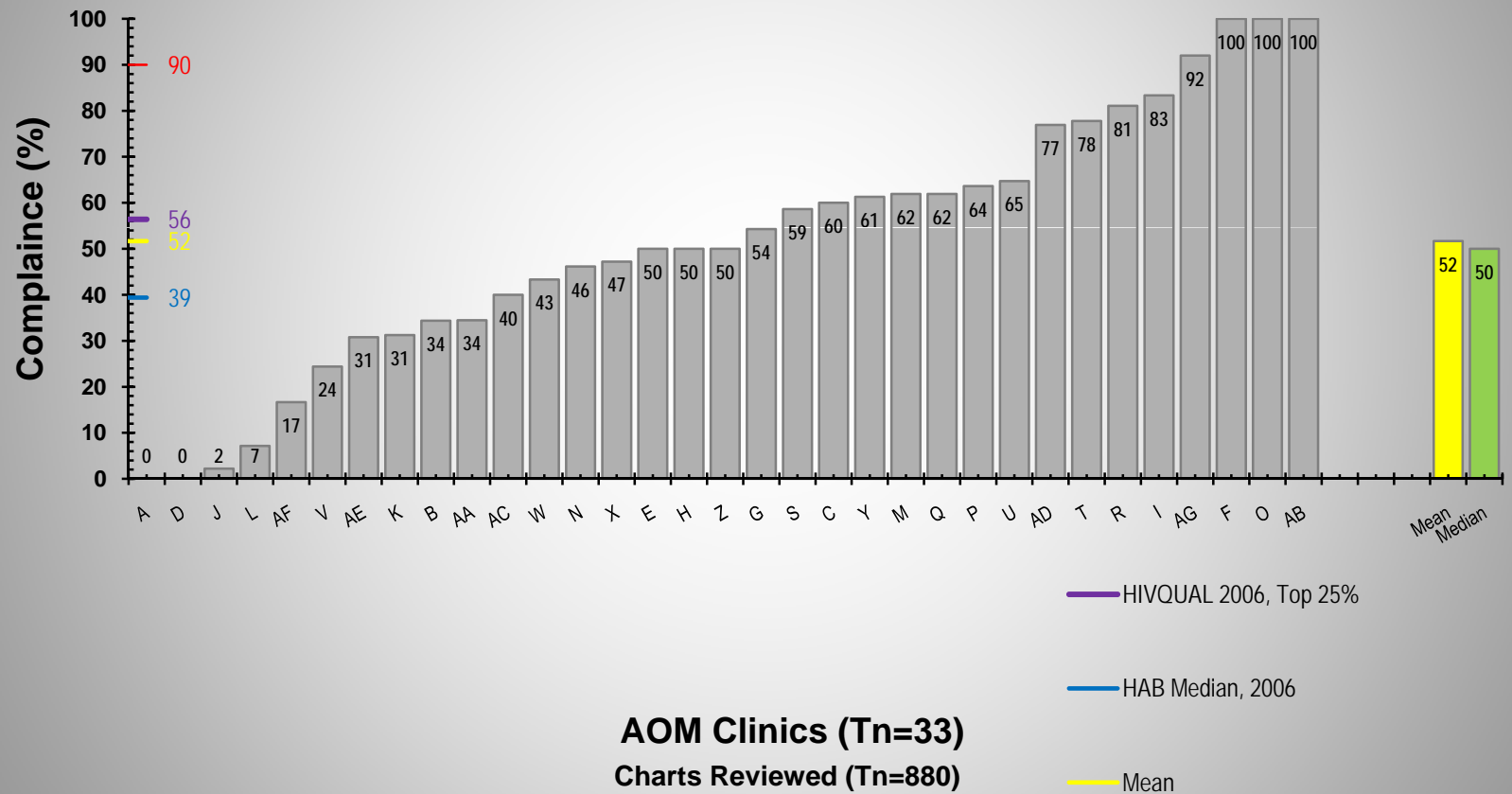


AOM Clinics (Tn=21)
Charts Reviewed (Tn=551)

- HIVQUAL 2005, Top 25%
- HIVQUAL 2005 (Median)
- TFC
- Mean



Percentage of patients who received a referral to a dentist at least once during the measurement year



AOM Clinics (Tn=33)
Charts Reviewed (Tn=880)

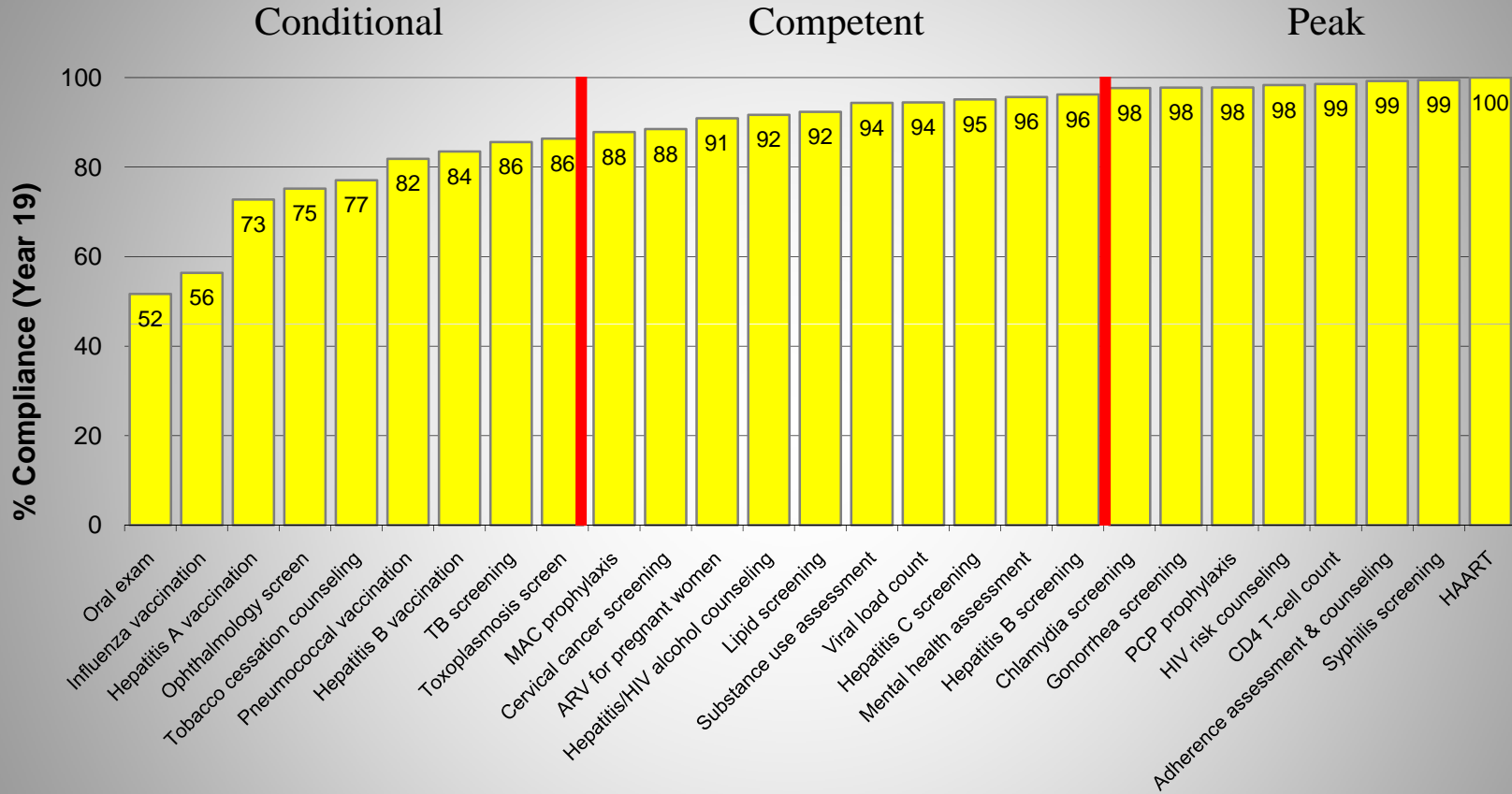


What did we do well?



What can we improve?

Comparison by Performance Score



Clinical/Performance Measures

We did extremely well in ...

- HAART
- STD screening – chlamydia, gonorrhea
- Counseling – adherence, HIV risk
- CD4 monitoring
- PCP prophylaxis



We also did well in ...

- Hepatitis screening – Hep B & C
- Assessments – mental health, substance use
- Screening – cervical cancer
- Labs – lipids
- Counseling – alcohol use
- ARV for pregnant women
- Prophylaxis - MAC



We can improve on....

- Screening – toxoplasmosis, ophthalmology, tuberculosis
- Vaccination – Hep A & B, flu, pneumonia
- Counseling – tobacco cessation
- Referrals for dental care



Low Performing Clinics

- Transient population
- Unaware of performance/no baseline
- Frequency of process – not always done, easily missed
- Nature of process – ex. TSTs for TB screening
- Performance and system issues within the clinic – leadership, staffing, resources
- Geographic disparities in access to certain services
- Transportation



Next Steps

- Implement rapid capture system using tablet PCs in the field
- Develop central database for performance data and corrective action management



Questions?



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