

JACKSONVILLE FIMR/HIV Pilot Project

**Adapting FIMR to Examine the
Pregnancies of HIV+ Women**

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HIV in Jacksonville

- Jacksonville-Duval County ranks sixth statewide in reported HIV/AIDS cases.
- Women make up 41% of reported HIV cases
- 1 in every 90 Black women in city is living with HIV/AIDS
- Heterosexual contact leading mode of transmission
- Nearly 80 HIV-infected women a year become pregnant in Jacksonville

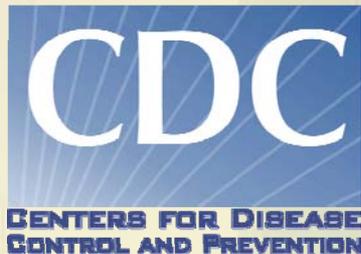
HIV Exposed & Infected Newborns By County, 2007-2009*

County	Total Births	HIV Infected Newborns	
		Number	Rate/100,000
Broward	66,480	7	10.5
Dade	100,245	4	4.0
DUVAL	40,326	6	14.9
Leon	9,644	2	20.7
Orange	48,767	3	6.1
Pinellas	27,243	2	7.3
All Other Counties	397,930	9	2.3
Statewide	690,635	33	4.8

Source: Florida Department of Health, 2010. *2009 births are provisional.

FIMR/HIV Pilot

- In 2005, Jacksonville, two other cities selected by CDC, CityMatCH and NFIMR to pilot use of FIMR process in examining the experiences of HIV+ women in and around pregnancy.



What is FIMR?

- FIMR is a process communities use to examine sentinel event cases (fetal or infant deaths) to enhance their understanding of local factors that play a role in circumstances preceding the event, and to identify needed system remedies and motivate subsequent action.



FIMR Overview

- Abstract birth, medical records, hospital records, medical examiner reports, etc.
- All info is de-identified (patient, providers, facilities)
- Family interview
- Case summary reviewed by multi-disciplinary team
- Community recommendations formulated and disseminated



FIMR Overview

- Goal is systems change.
- Not punitive --- no malpractice or fault finding
- Recommendations presented annually to Community Action Group.

Project Goals

- To review, identify, address and reduce missed opportunities for providing optimum care to HIV+ pregnant women and preventing mother-to-child HIV transmission.



Project Goals

- Bring together key members of the community to review information from individual cases of HIV positive pregnant women and their infants in order to identify key issues, missed opportunities and develop and promote system change.

Jacksonville Project Partners

- NEF Healthy Start Coalition
- UF Rainbow Center (Ryan White Part C,D)
- Duval County Health Department
- Florida Department of Health- HIV/AIDS (Ryan White Part B)
- City of Jacksonville (Ryan White Part A)
- First Coast Community AIDS Prevention Partnership
- Other Community MCH, HIV/AIDS Groups



Overview of Review Process

- **Case identification & selection**
 - Purposeful, not random selection
 - Cases selected based on some indication of system gap:
 - Timing of the woman's diagnosis
 - Pregnancy outcome
 - Entry into prenatal care
 - Mother's HIV treatment status and viral load
 - Mother's receipt of antiretroviral prophylaxis during labor and delivery
 - 32 cases reviewed



Overview (con't)

- **Case Abstraction**

- Contract with UF Rainbow Center
- All available medical, hospital, CM records
- Info collected: prenatal care, labor and delivery care, post-partum/reproductive health care, maternal HIV care, newborn care, and pediatric care.
- De-identified

- **Maternal interview**

- Social worker at Rainbow Center
- Completed on about 30% of cases reviewed



Overview (con't)

- **Case Review**

- Multidisciplinary team (MCH, HIV/AIDS, community)
- Monthly case reviews (starting Feb. 2007)
- Strengths, opportunities for improvements, issues identified
- Recommendations



Overview (con't)

- **Community Action**

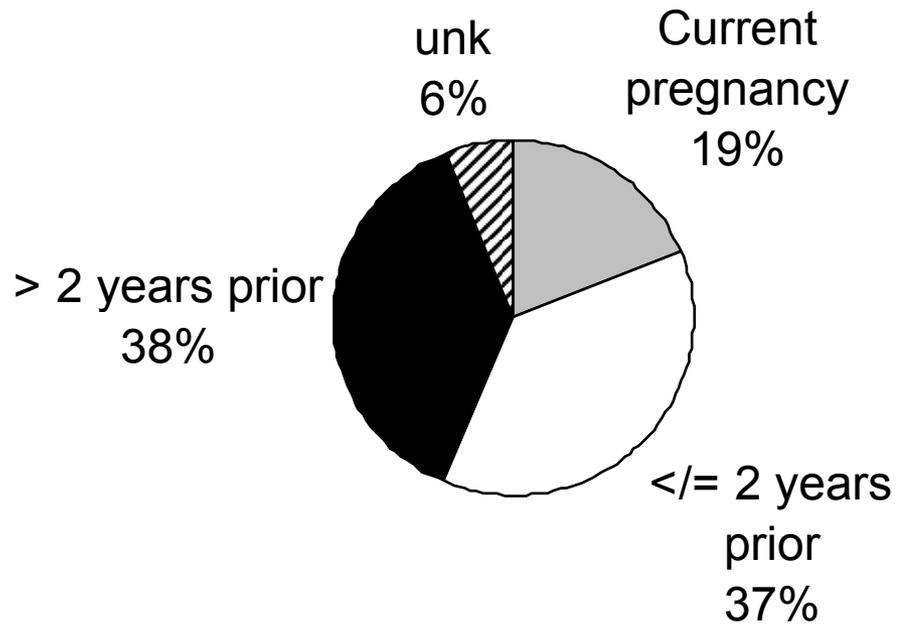
- Role: Initiate systems change based on findings, recommendations
- “Champions”
 - UF Rainbow Center
 - Duval County Health Department
 - Ryan White Part A Planning Council
 - First Coast Community AIDS Prevention Partnership
 - Case Review Team Oversight

Profile of Cases Reviewed

- Most cases involved HIV+ mothers who were Black, age 20-25 years old, and single.
- Nearly 30 percent of the women received late or no prenatal care.
- About same proportion started care in first trimester
- Most care was paid for by Medicaid.
- In 13 percent of the cases, this was the woman's first pregnancy

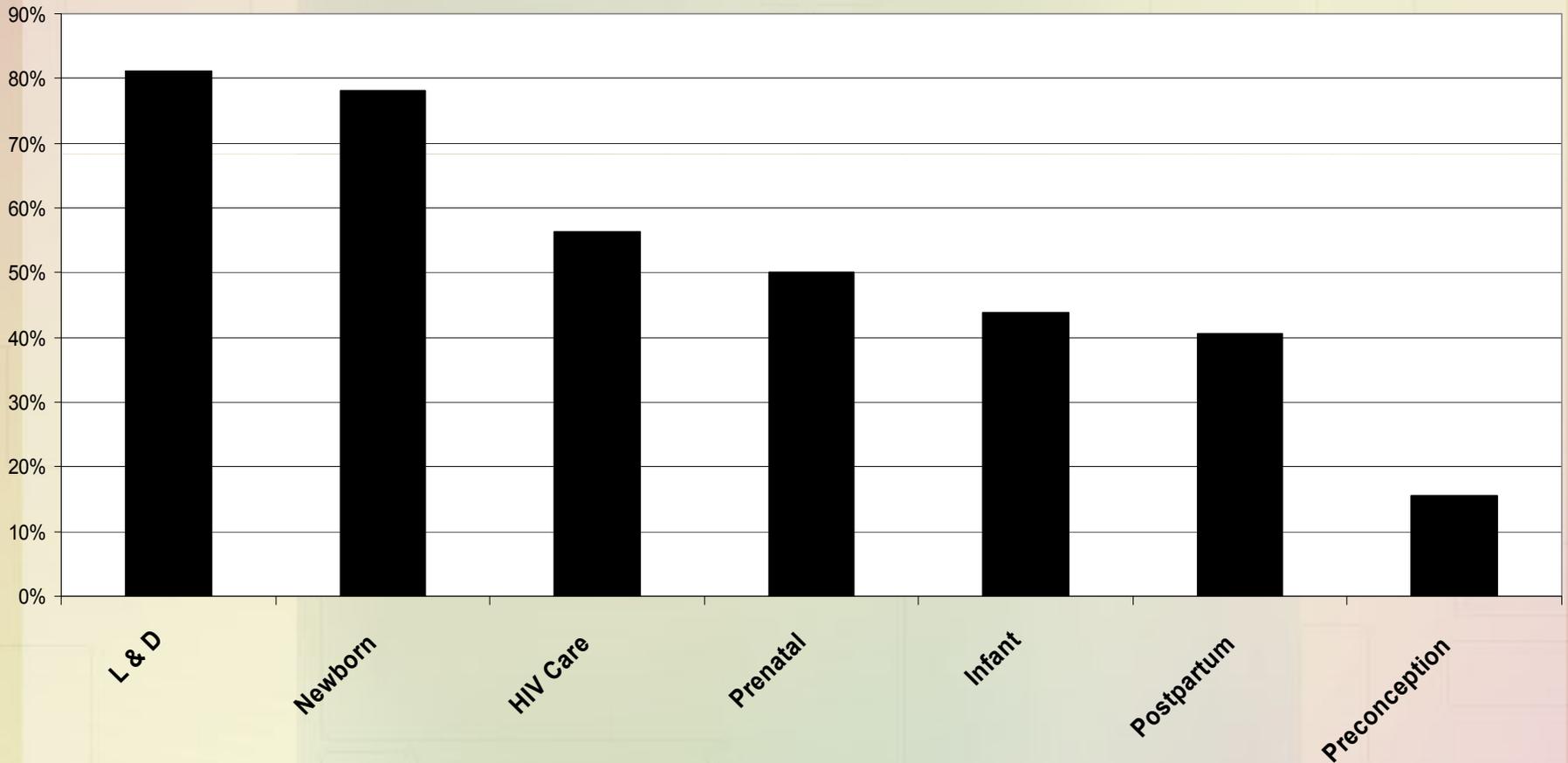


Jacksonville FIMR/HIV Case Reviews Timing of Mother's HIV Diagnosis (n=32)



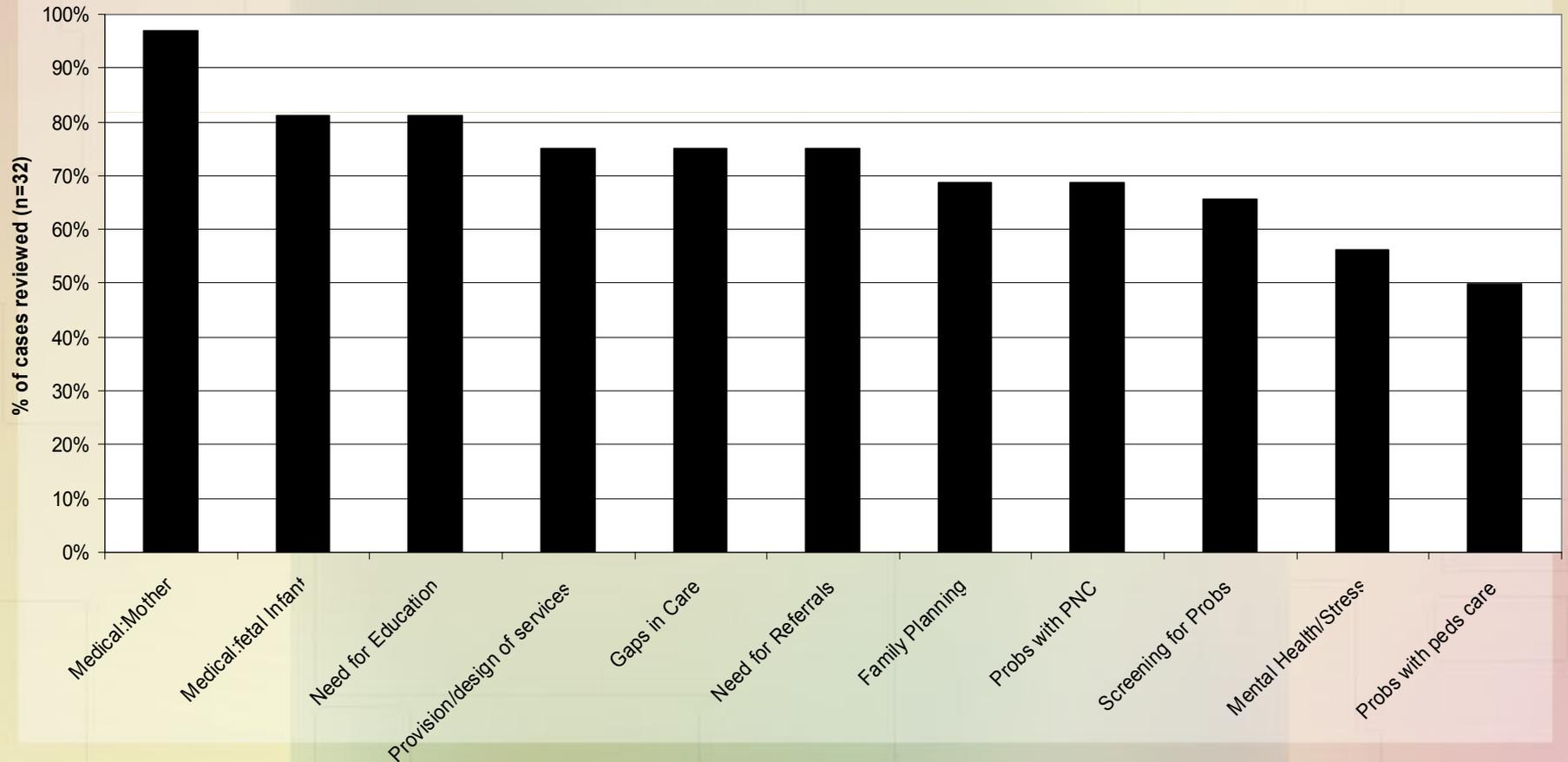
Preliminary Findings: Strengths

Jacksonville FIMR/HIV Pilot
% of Cases Receiving Full Array of Services (n=32)



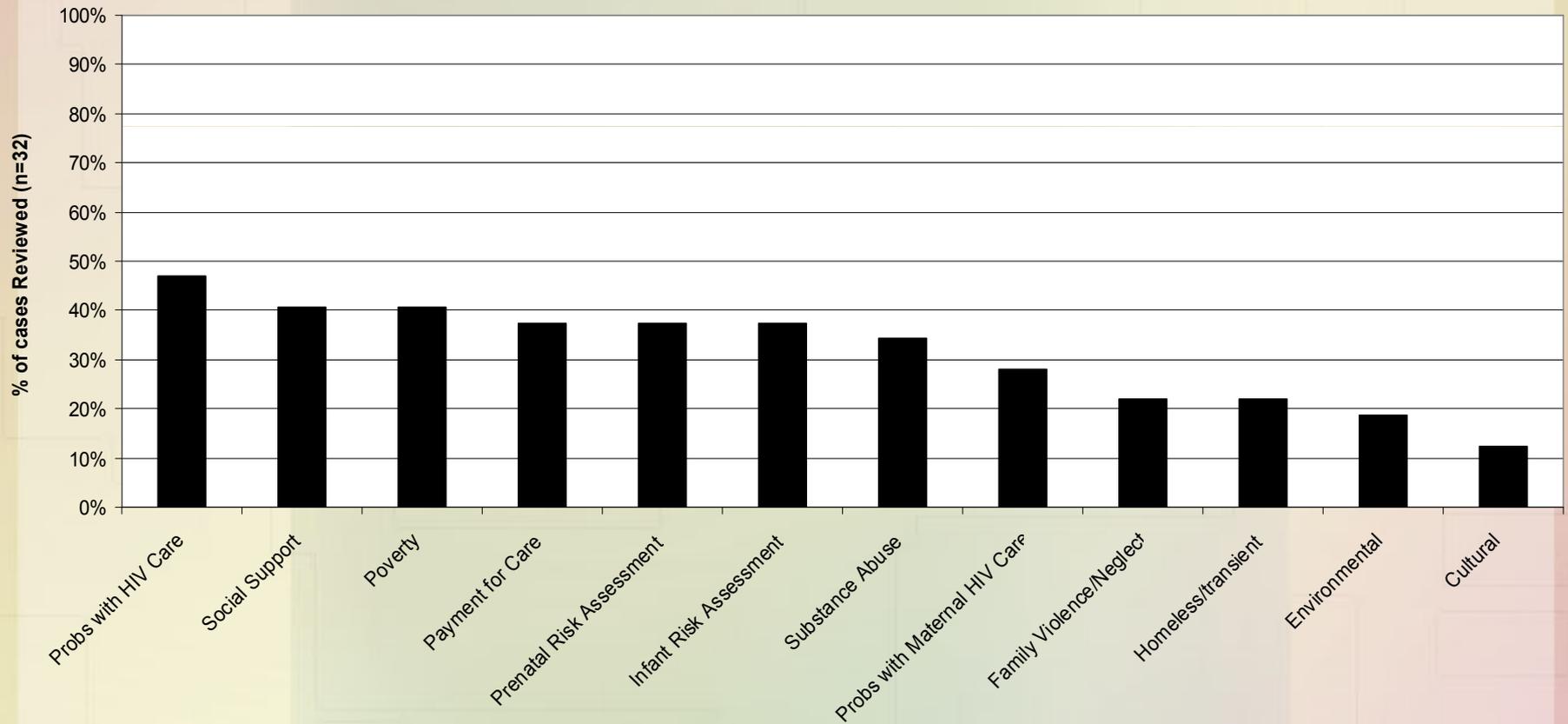
Preliminary Findings: Concerns

Jacksonville FIMR/HIV Pilot
Frequency of Issues Identified



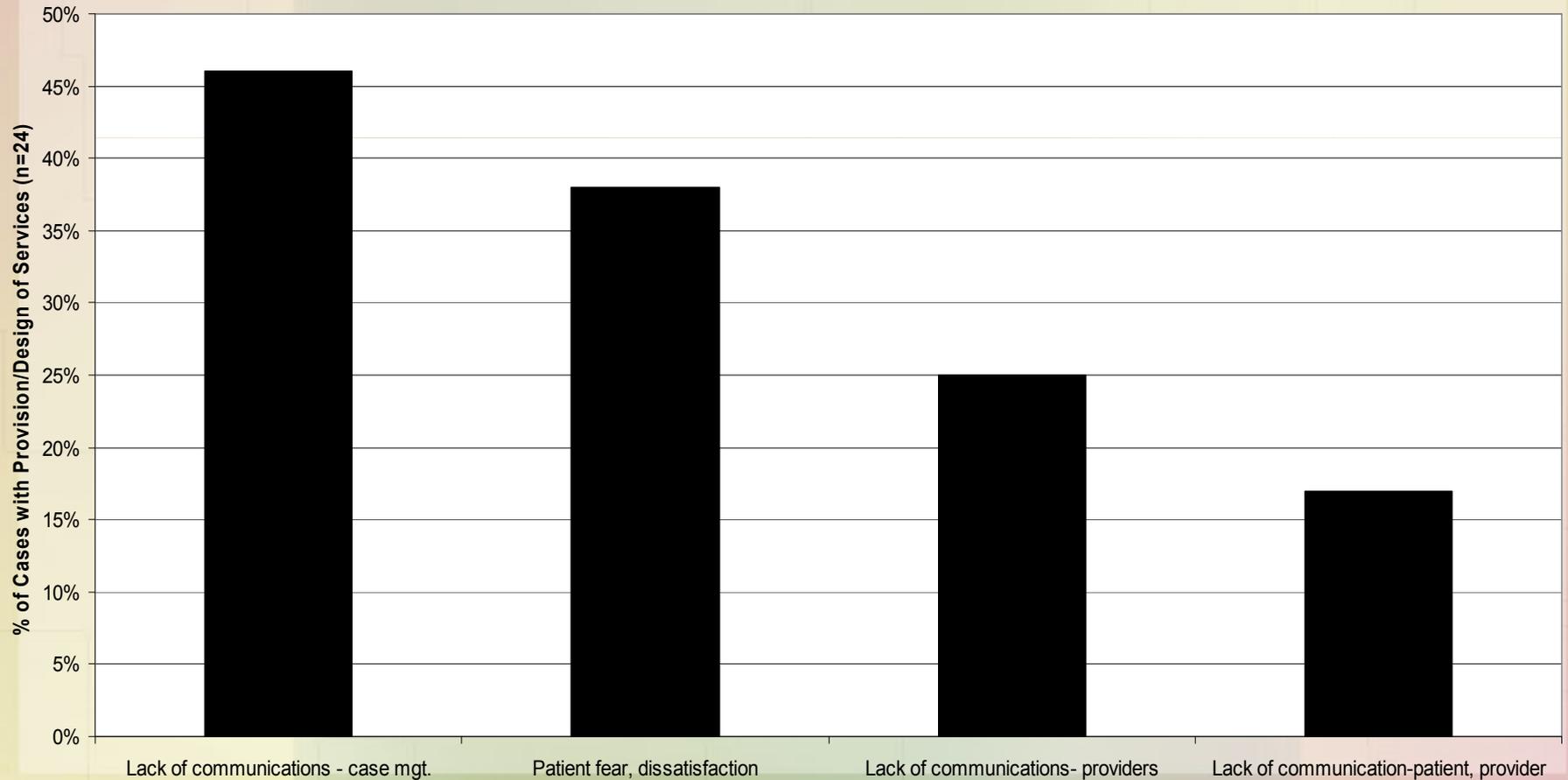
Preliminary Findings: Concerns

Jacksonville FIMR/HIV Pilot
Frequency of Issues Identified (con't)



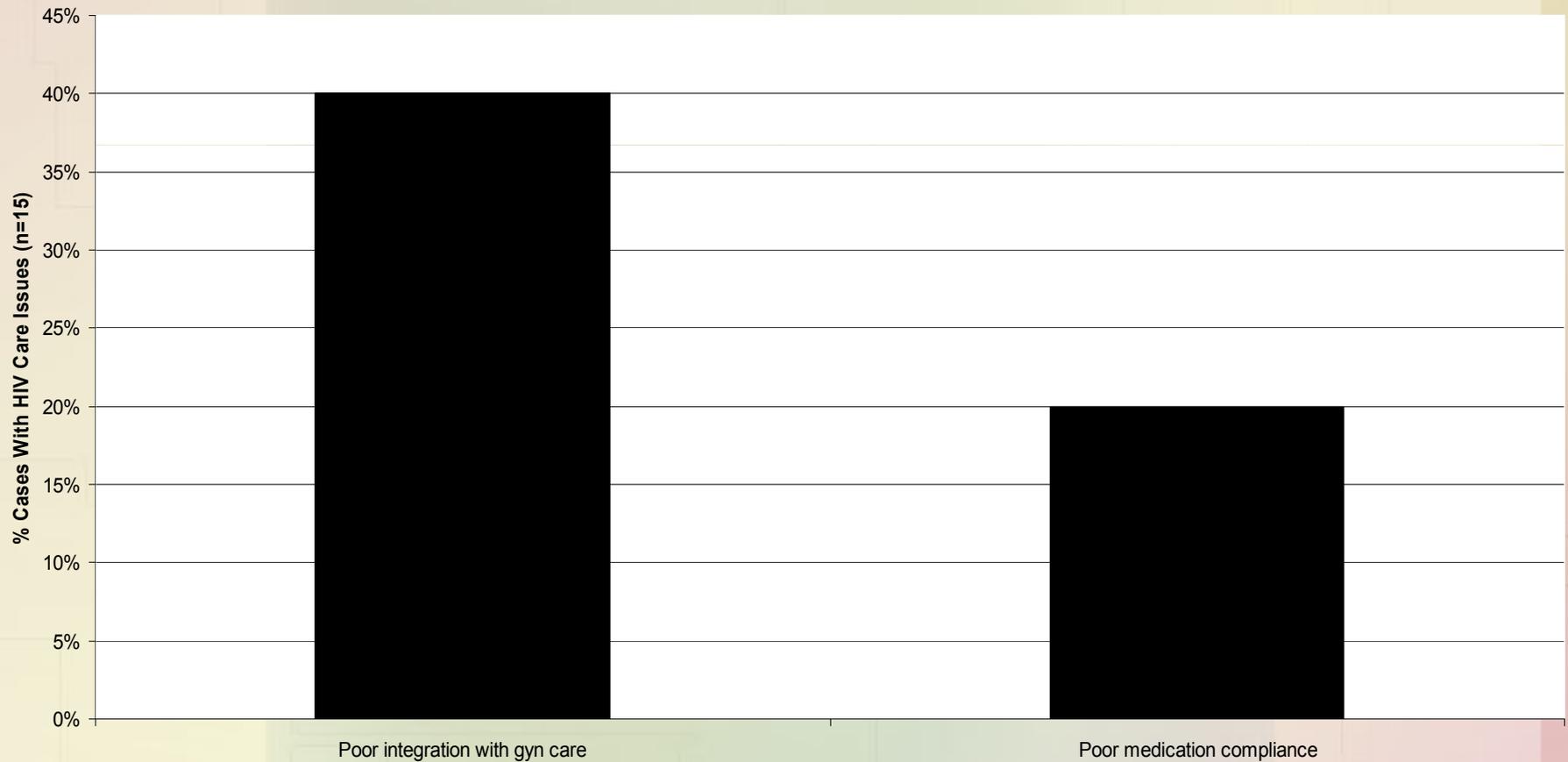
Preliminary Findings: Concerns

Jacksonville FIMR/HIV Pilot
Provision/Design of Services
Most Frequent Problems Identified



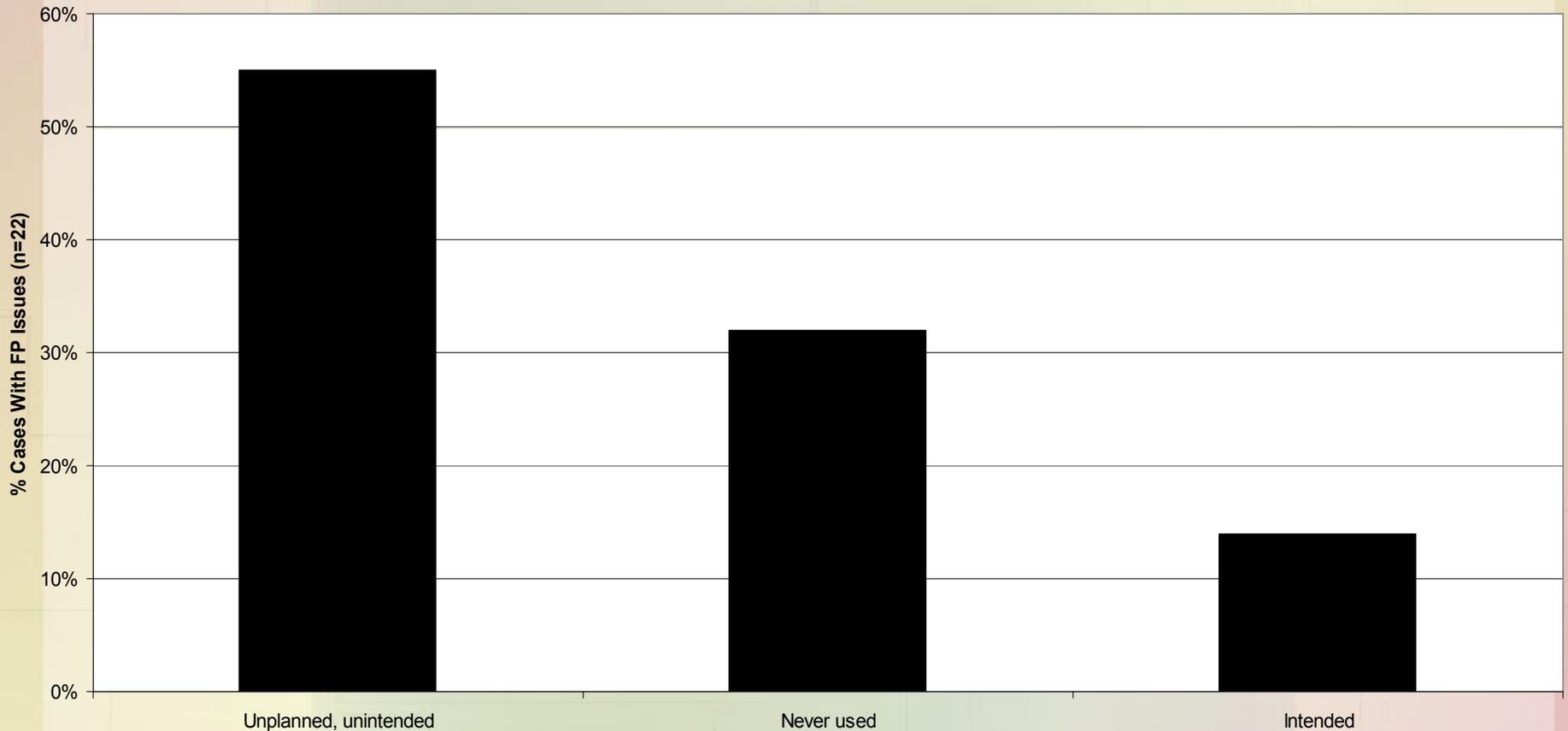
Preliminary Findings: Concerns

Jacksonville FIMR/HIV Pilot Project
HIV Care Issues
Most Frequent Problems Identified



Preliminary Findings: Concerns

Jacksonville FIMR/HIV Pilot
Family Planning Issues
Most Frequent Problems Identified



Recommendations

- 10 recommendations
- “Themes”
 - Need to **integrate** HIV/Reproductive Health Services
 - Need to take advantage of missed opportunities for **re-engaging** HIV+ women lost to care
 - Need for improved service **coordination**
 - Need to reduce **barriers** to services

From Reviews to Action!

- Work group established to ensure all pregnant women at high-risk clinic receive case management
- Health Dept successfully funded for Title X grant to increase testing, integrate HIV & FP services
- Ryan White Part A Assessment & Screening revisions under development (goal: integration of HIV, reproductive health care)
- Changes to internal processes (UF Rainbow)
- Grand rounds, presentations

Factors Contributing to Success

- Jacksonville's history of strong collaboration
- CRT: diverse, committed group
- Leadership and staff of UF Rainbow Center
- Coalition's FIMR experience



Challenges

- Resources
- Super-confidentiality of HIV data
- IRB
- Redundancy, organization of forms



Sustainability

- CRT agreed to meet quarterly after pilot
 - Monitoring, promoting implementation of recommendations
 - Review of all cases that result in perinatal HIV transmission (if resources can be identified)
- Advocacy on state, local level (Title V, HIV/AIDS) for continued resources

Opportunities!

- Potential for replication!
- Questions? Thanks!
- For more information: Carol Brady
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