

CASES 



Nathaniel
Assertive Community
Treatment:
New York County
Alternative to Incarceration
Program

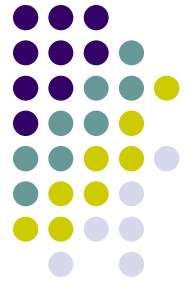
May 13, 2011

ACT Roundtable Meeting



Consumer Characteristics

| | |
|--------------------------|-----|
| ▪ Average Age | 43 |
| ▪ Male | 84% |
| ▪ African American | 60% |
| ▪ Latino | 23% |
| ▪ Caucasian | 13% |
| ▪ Schizophrenia | 79% |
| ▪ Bipolar Disorder | 16% |
| ▪ Substance use disorder | 84% |
| ▪ Medical problem | 53% |
| ▪ Homeless | 63% |
| ▪ AOT | 19% |



Legal Characteristics

- **Top 10 Convictions**

Assault 2nd Degree

Criminal Sale Of A Controlled Substance 3rd Degree

Robbery 2nd Degree

Robbery 3rd Degree

Burglary 3rd Degree

Grand Larceny 4th Degree

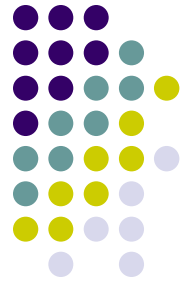
Burglary 2nd Degree

Criminal Contempt 1st Degree

Criminal Possession Of A Weapon 3rd Degree

Criminal Possession Of A Controlled Substance 3rd Degree

Impetus For CASES & Kirby MOU

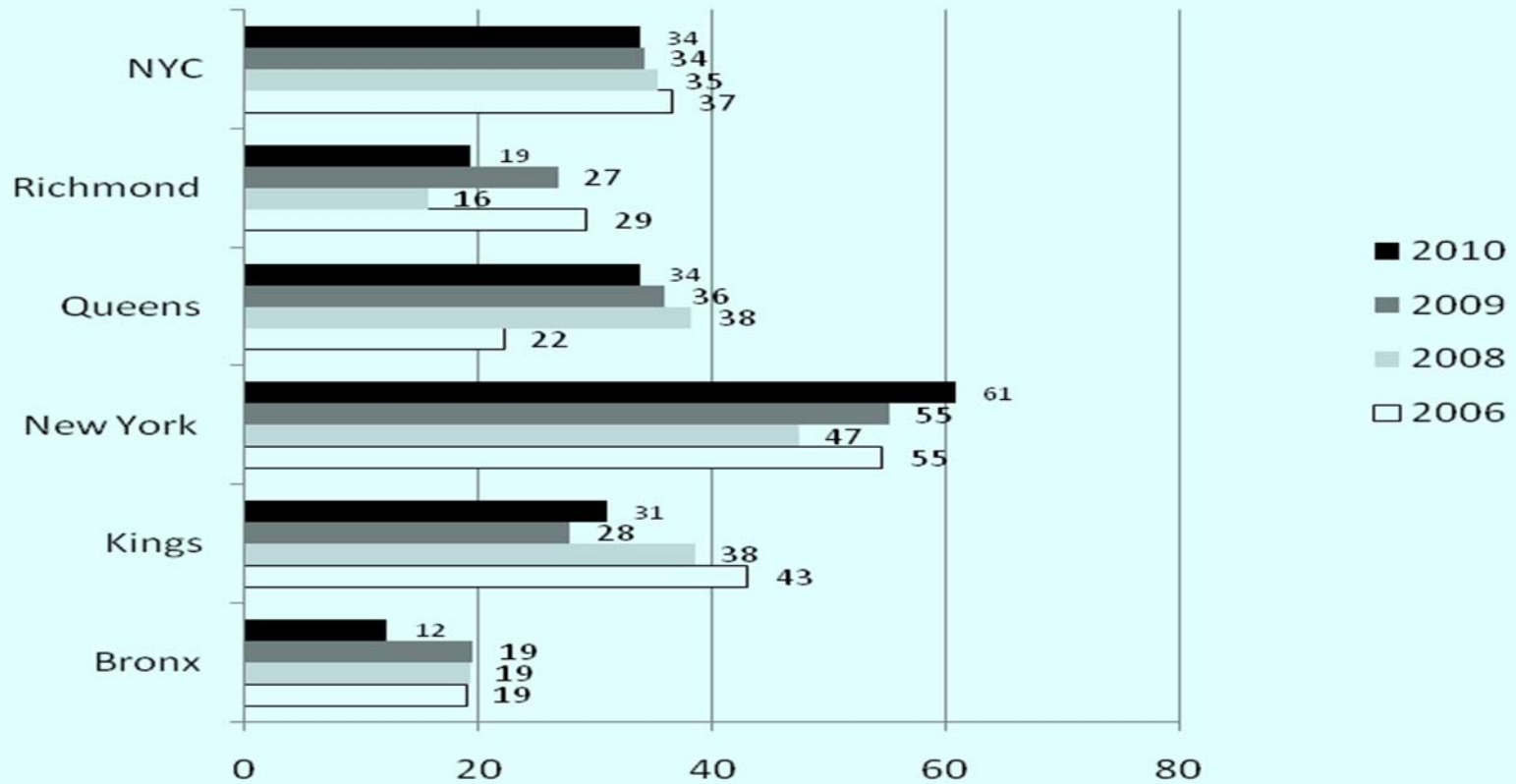


- High rate of inappropriate referrals to Nathaniel ACT
- Re-hospitalization for Restoration Services (Hicks Presentation AAPL 2003)
 - 27.5% of subjects were readmitted for restoration of fitness on the same charge more than once
 - 14.9% returned twice
 - 12.6% returned three times

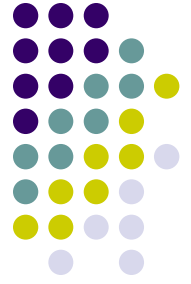
CPL 730 Felony Rate in NYC



Figure CPL 730 Temp or Commitment Rate per 10,000 Felony-Level Arrests, New York City Only, by County, 2006-2010

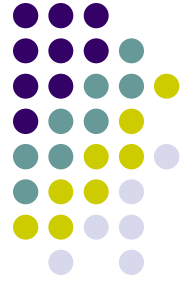


Profile of CPL 730 Felony Defendants



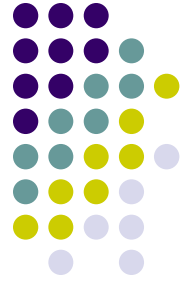
- 63% Arrested for Violent Felony
- 38% Medicaid Reimbursed Service in 12 Months Prior to Arrest
 - 15% Emergency Room Visits
 - 27% Inpatient Psychiatric Admission
 - 14% Outpatient Appointment

Profile of CPL 730 Felony Defendants



- 40% of Underlying Arrests “Sealed” by 2009
Either Acquittal or Dismissal
- 27% Un-sentenced by 2009
- Defendants Convicted by 2009
 - 53% State Prison
 - 35% Jail Sentence
 - 5% Probation

Profile of CPL 730 Felony Defendants

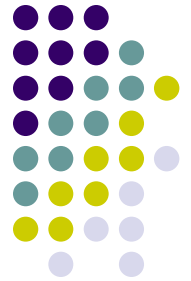


Mental Health Service Utilization Post CPL 730 Service (Excludes State Correction Inmates)

- 28% Medicaid Reimbursed Service
 - 12% Emergency Room Visit
 - 18% Inpatient Psychiatric Admission
 - Few Outpatient Appointments Reported

NYC Billings for Restoration Services

2007-2010

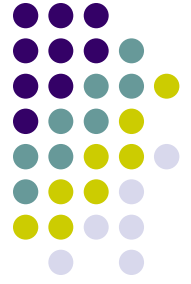


| | |
|-------|--------------|
| 2007 | \$16,477,000 |
| 2008 | \$16,768,084 |
| 2009 | \$16,512,932 |
| 2010 | \$17,190,710 |
| Total | \$66,948,726 |

STAFFING

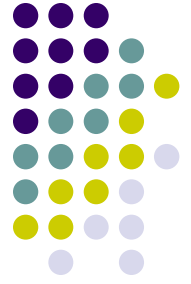


- Program Director/Team Leader
- Psychiatrist
- Nurses RN & LPN
- Family Specialist
- Employment Specialist
- Substance Abuse Specialist
- Housing Case Manager (P/T)
- Peer Specialist
- **Housing Peer Specialist (P/T)**
- **Housing Specialist Social Worker**
- **Supported Employment Coordinator**
- **Intake Specialist**
- **Court Liaison Specialist Social Worker**



ACT Core Services

- Medication Support
- Service Planning & Coordination
- Integrated Treatment for Substance Abuse
- Housing Services
- Health
- Money Management & Entitlements
- Daily Activities
- Wellness Self-Management & Relapse Prevention
- School & Training Opportunities
- Work Opportunities
- Family Life and Social Relationships
- Empowerment & Self Help



ATI Core Services

- Screening, Advocacy and Intake
- Criminal Justice Liaison
- Risk Assessment (Dangerousness and Suicidality)
- Community Supervision
- Assessment of Risk for Criminal Recidivism
- Cognitive Behavioral Interventions
- Integrated Dual Disorder Treatment
- Supported Employment Services
- Transitional Apartment

Nathaniel Supported Housing Program

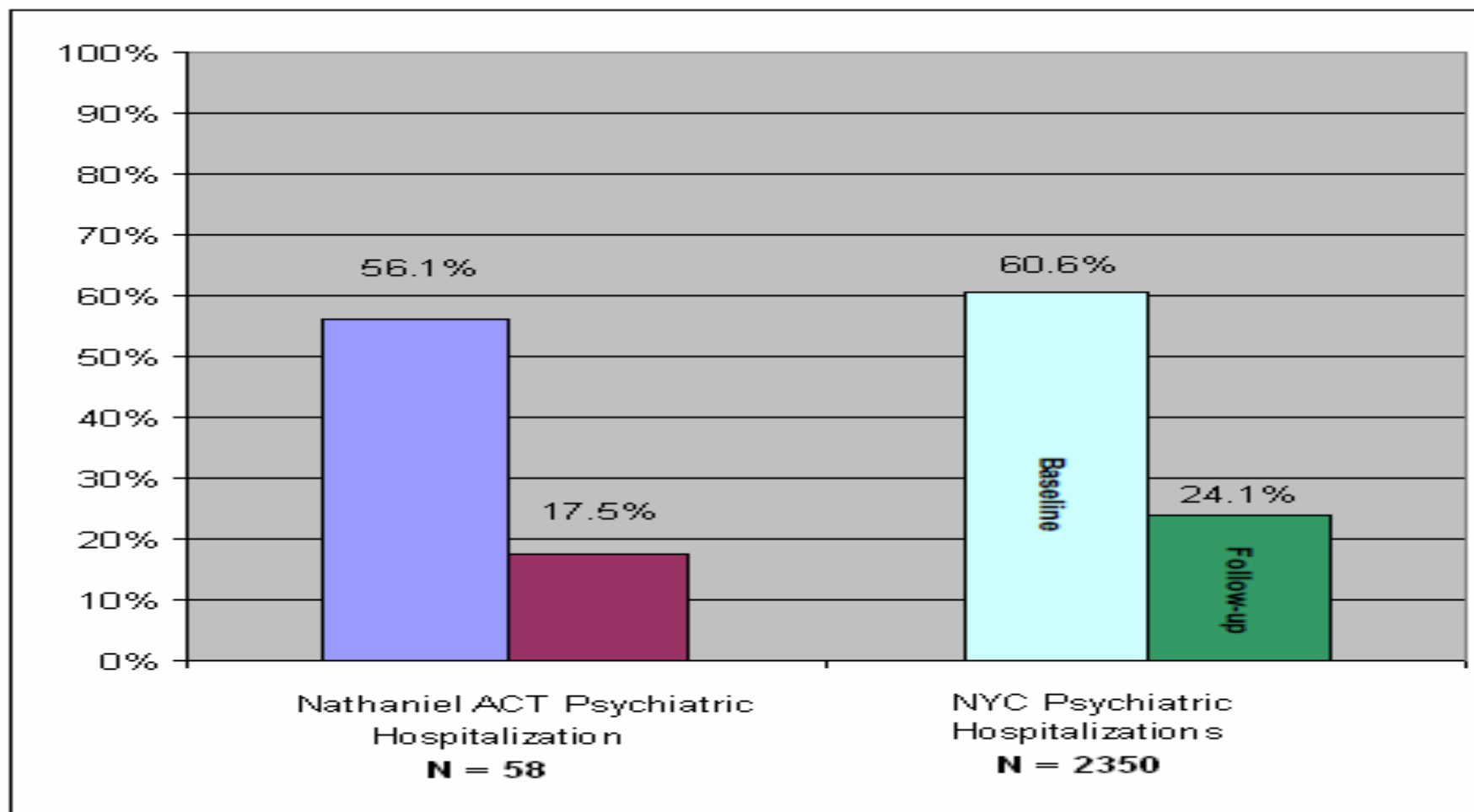
- Supported Housing (scattered-site apartments)



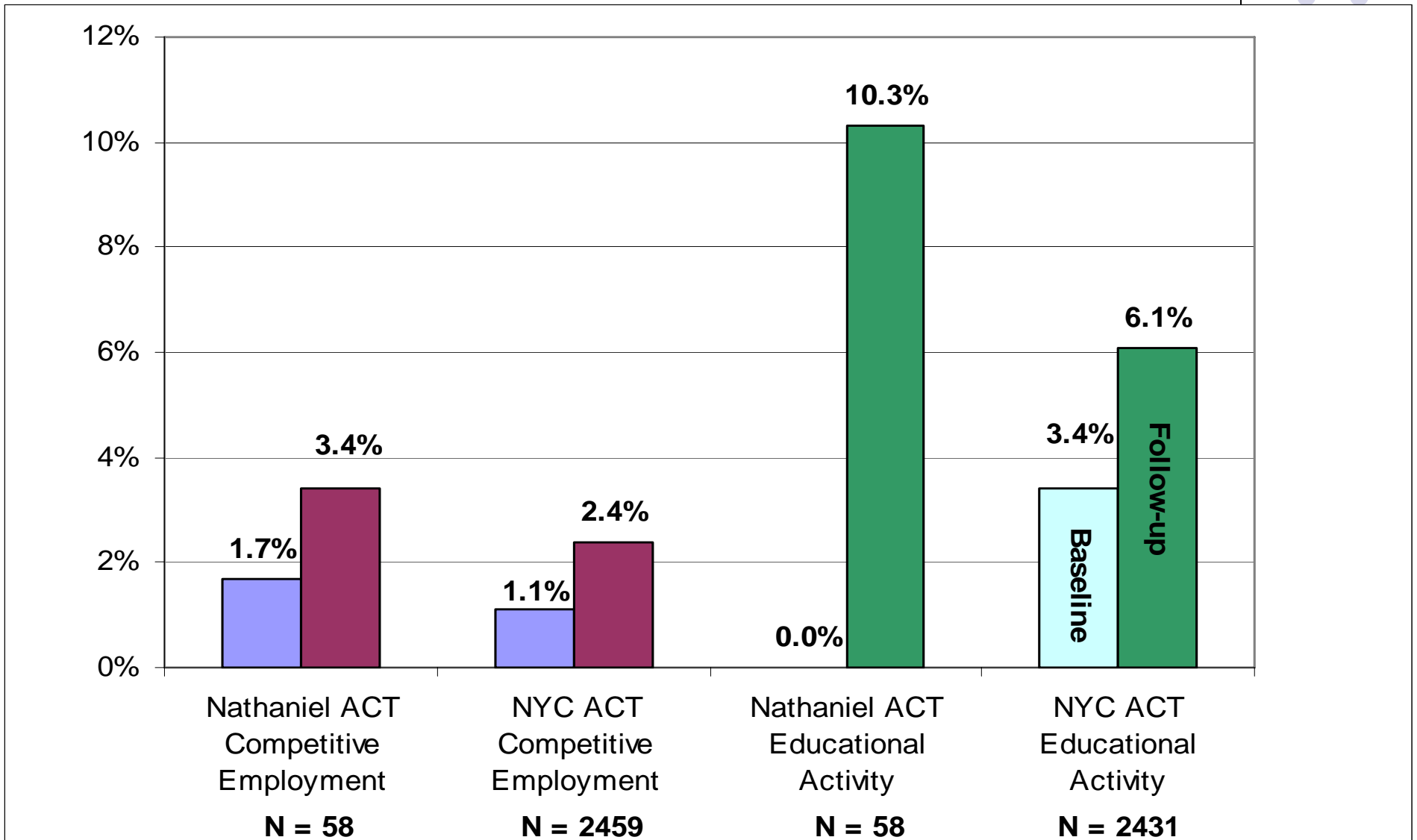
Case Study

- 47 year old White male
- Arrested June 2007 Falsely Reporting Bomb to ABC news anchor
- Admitted to forensic hospital Dec 2007
- Screened at forensic hospital June 2008
- Two days in jail after restoration of competency admitted to ACT team August 2008
- No hospital admissions or arrests since ACT enrollment
- Lives in Apartment Treatment Program
- Completes ATI Supervision in June 2011

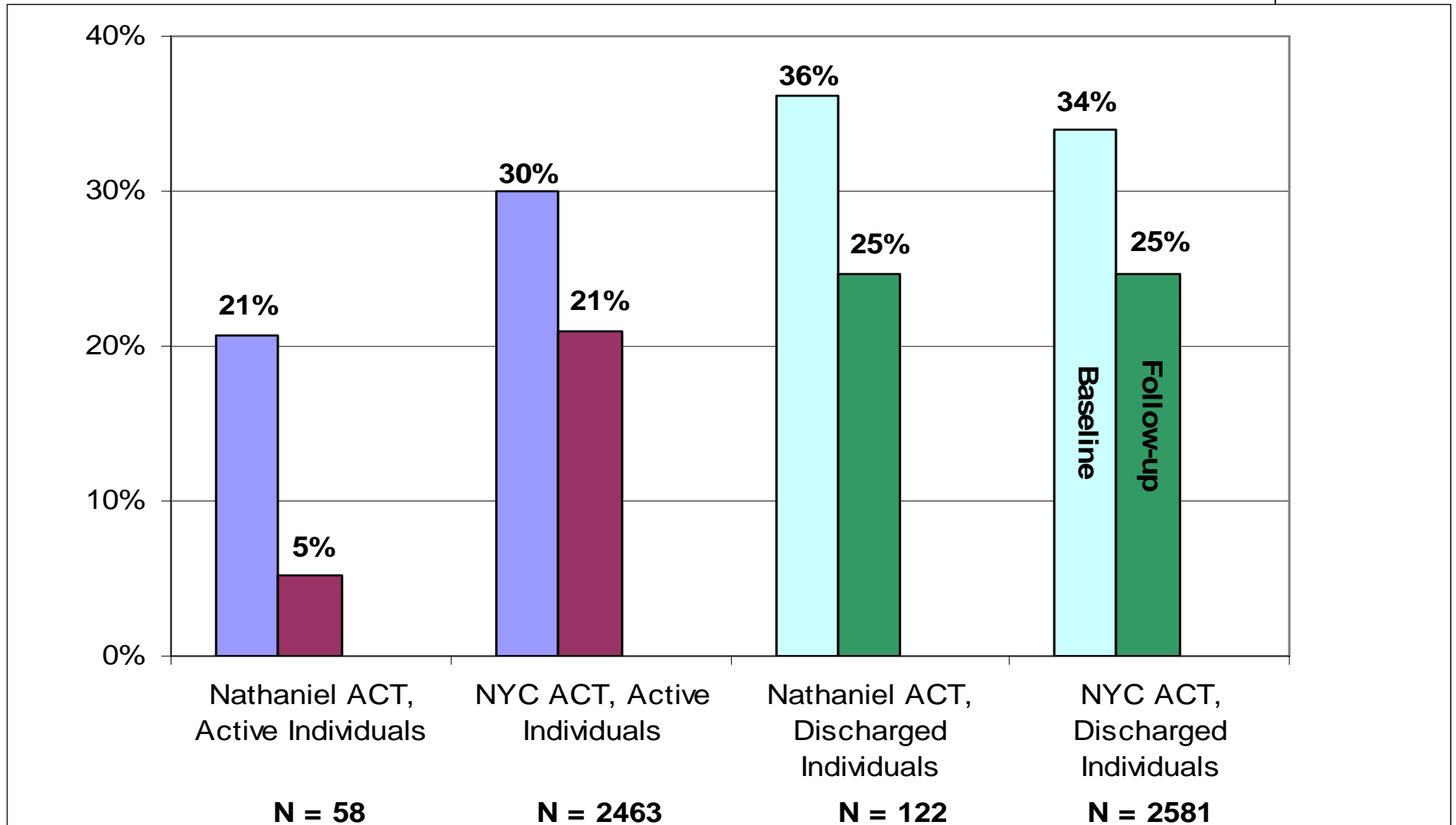
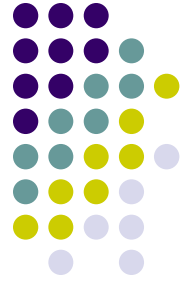
Outcomes – Psychiatric Hospitalization



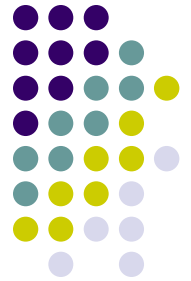
Outcomes – Employment & Education Activity



Outcomes – Harmful Behaviors



Recidivism



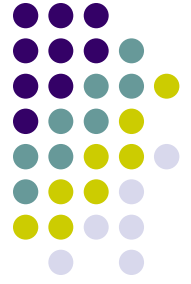
| | Pre-Intake Arrest (2 years) | | Post-Admission Arrest (2 years) | | Percent decrease |
|-----------------------|--|------|--|-----|-------------------------|
| N = 158 | N | % | N | % | |
| Any arrests | 158 | 100% | 57 | 36% | 64% |
| Arrests (Mean) | 2.30 | | 0.70 | | 70% |

CPL 730 Recidivism



| | Pre-Intake Arrest | | Post-Admission Arrests | | Percent decrease |
|-----------------------|--------------------------|------|-------------------------------|-----|-------------------------|
| | (2 years) | | (2 years) | | |
| N = 33 | N | % | N | % | 67% |
| Any arrests | 33 | 100% | 11 | 33% | |
| Arrests (Mean) | 2.70 | | 0.85 | | 69% |

Recidivism



BASELINE ARREST RATE AMONG RECIPIENTS (N=158) PRE vs. POST ADMISSION

| Baseline Arrest Rate | 2 Years Pre-Arrest | 2 Years Post Admission | Difference in Mean Values | Percent Decrease |
|-----------------------------|---------------------------|-------------------------------|----------------------------------|-------------------------|
| 1 (n=17) | 1.29 | 0.06 | 1.24 | 95% |
| 2 to 9 (n=92) | 2.09 | 0.42 | 1.66 | 80% |
| 10 to 19 (n= 35) | 2.34 | 1.17 | 1.17 | 50% |
| 20 to 29 (n=4) | 3.00 | 1.00 | 2.00 | 67% |
| 30 or more (n=10) | 5.60 | 2.50 | 3.10 | 55% |

Recidivism



| | Pre-Intake Arrest (4 years) | | Post-Admission Arrests (4 years) | | Percent decrease |
|-------------------------------|--|------|---|-----|-----------------------------|
| N = 101 | N | % | N | % | |
| Any arrests | 101 | 100% | 46 | 46% | 54% |
| Arrests (Mean) | 3.00 | | 1.15 | | 62% |
| Any convictions | 96 | 1.00 | 42 | 44% | 56% |
| Convictions (Mean) | 2.52 | | 0.98 | | 61% |

Recidivism – ATI Graduates

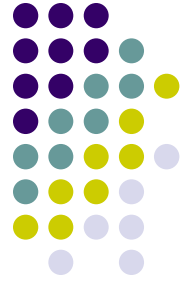


PROBATION SENTENCE

| | Pre-Intake Arrest (4 years) | | Post-Admission Arrests (4 years) | | Percent decrease |
|---------------------------|--------------------------------|------|-------------------------------------|-----|---------------------|
| | N | % | N | % | |
| Any arrests | 25 | 100% | 9 | 36% | 64% |
| Arrests (Mean) | 2.40 | | 0.68 | | 72% |

TIME SERVED, DISMISSAL, AND CONDITIONAL DISCHARGE

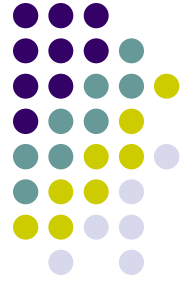
| | Pre-Intake Arrest (4 years) | | Post-Admission Arrests (4 years) | | Percent decrease |
|---------------------------|--------------------------------|------|-------------------------------------|-----|---------------------|
| | N | % | N | % | |
| Any arrests | 40 | 100% | 15 | 37% | 63% |
| Arrests (Mean) | 3.05 | | 1.03 | | 66% |



Outcomes

| 175 Consumers | Percent | Number |
|----------------------|----------------|---------------|
| ATI Successful | 58% | 101 |
| Prison | 22% | 39 |
| Jail | 9% | 15 |
| Transfer of Services | 6% | 10 |
| Death | 3% | 6 |
| Missing | 2% | 4 |

After Nathaniel ACT



- June 2008 to June 2010 (n=23)

| | |
|--------------------------------|-----|
| ICM & Clinic | 57% |
| ACT | 13% |
| Moved out of state | 9% |
| State Hospital | 9% |
| Residential | 4% |
| Adult Home SCM & Day Treatment | 4% |
| Dropped out | 4% |