Using Data to Drive Reform Efforts: Snapshot of Current Successes

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Florida Department of Juvenile Justice
Discussion Topics

• Arrest Trends (National and Florida)
• Civil Citation & Alternatives to Arrest
• Advancements in Risk Assessment
• DJJ Resources and Data on the Web
National Delinquency Trends
National Arrests

Nationally, between 2002 and 2011:

- The violent crime index declined by \(-27\%\)
- Murder declined by \(-36\%\)
- Robbery declined by \(-3\%\)
- Burglary declined \(-28\%\)
- Auto theft declined \(-69\%\)
- Drug abuse violations declined \(-20\%\)

<table>
<thead>
<tr>
<th>Most serious offense</th>
<th>Percent change in arrests 2002–2011</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Juvenile</td>
</tr>
<tr>
<td>Violent Crime Index</td>
<td>(-27%)</td>
</tr>
<tr>
<td>Murder</td>
<td>(-36%)</td>
</tr>
<tr>
<td>Forcible rape</td>
<td>(-40%)</td>
</tr>
<tr>
<td>Robbery</td>
<td>(-3%)</td>
</tr>
<tr>
<td>Aggravated assault</td>
<td>(-34%)</td>
</tr>
<tr>
<td>Property Crime Index</td>
<td>(-30%)</td>
</tr>
<tr>
<td>Burglary</td>
<td>(-28%)</td>
</tr>
<tr>
<td>Larceny-theft</td>
<td>(-25%)</td>
</tr>
<tr>
<td>Motor vehicle theft</td>
<td>(-69%)</td>
</tr>
<tr>
<td>Simple assault</td>
<td>(-19%)</td>
</tr>
<tr>
<td>Weapons law violations</td>
<td>(-20%)</td>
</tr>
<tr>
<td>Drug abuse violations</td>
<td>(-20%)</td>
</tr>
</tbody>
</table>

The juvenile Violent Crime Index arrest rate fell 30% between 2006 and 2011.

The juvenile **Property** Crime Index arrest rate fell 22% between 2008 and 2011.

Comparing Florida to National Delinquency Trends
24% reduction between 2007 and 2011
27% decline in Florida during similar period
Key Trend...

• During FY 2013-14, delinquency declined in 54 of 67 Counties in Florida
The number of youth in Florida between the ages of 10-17 continues to grow...

Source: Florida Office of Economic and Demographic Research; February 2014 Demographic Estimating Conference
Key Trend...

• Over the past 5 years, Delinquency steadily declined in almost every major offense category

Source: Florida Department of Juvenile Justice, 2013 Delinquency Profile Report.
5-Year change from FY2008-09 through FY 2012-13
Delinquency Trends (5-Year Changes)

- Total Delinquency: -36%
- Felonies: -28%
- Misdemeanors: -41%
- “Other” Offenses: -33%

Source: Florida Department of Juvenile Justice, 2014 Delinquency Profile Report. 5-Year change from FY2009-10 through FY 2013-14
Felony Offenses (5-Year Changes)

- Murder/Manslaughter: -66%
- Felony Drug: -49%
- Aggravated Assault/Battery: -30%
- Burglary: -30%
- Armed Robbery: -27%

Source: Florida Department of Juvenile Justice, 2014 Delinquency Profile Report. 5-Year change from FY2009-10 through FY 2013-14
Felony Offenses (5-Year Changes)

- Grand Theft: +3%

Source: Florida Department of Juvenile Justice, 2014 Delinquency Profile Report. 5-Year change from FY2009-10 through FY 2013-14
Key Trend...

• **All** misdemeanor categories declined over the past 5 years.

• Strongest reductions over the past 2 years.

*Source: Florida Department of Juvenile Justice, 2013 Delinquency Profile Report.*
Misdemeanor Offenses (5-Year Changes)

- Petit Theft: -51%
- Disorderly Conduct: -50%
- Assault/Battery: -33%
- Drug Misdemeanors: -33%

Source: Florida Department of Juvenile Justice, 2014 Delinquency Profile Report. 5-Year change from FY2009-10 through FY 2013-14
Other Offenses
(5-Year Changes)

- Contempt of Court: -60%
- Violation of Probation (New-Law): -19%
- Violation of Probation (Non-Law): -47%
- Violation of Probation (LEO): -10%

Source: Florida Department of Juvenile Justice, 2014 Delinquency Profile Report.
5-Year change from FY2009-10 through FY 2013-14
Utilization of Juvenile Justice Services
Youth Served in the Juvenile Justice System in Florida (FY 2013-14)

<table>
<thead>
<tr>
<th>Category</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prevention</td>
<td>47,302</td>
</tr>
<tr>
<td>Detention</td>
<td>28,070</td>
</tr>
<tr>
<td>Diversion</td>
<td>21,070</td>
</tr>
<tr>
<td>Community Supervision</td>
<td>26,267</td>
</tr>
<tr>
<td>Commitment</td>
<td>4,754</td>
</tr>
</tbody>
</table>

*Source: Florida Department of Juvenile Justice Comprehensive Accountability Report. Figures for Diversion and Probation are preliminary.*
Civil Citation and Alternative to Arrest Programs
Key Trend...

- Civil Citation & Alternative to Arrest Programs in Florida have the lowest recidivism in the Juvenile Justice continuum

Source: Florida Department of Juvenile Justice, 2013 Delinquency Profile Report.
Effectiveness of Civil Citation

Source: Florida Department of Juvenile Justice, 2014 Comprehensive Accountability Report (CAR) – Preliminary Analyses
Advancements in Risk Assessment: Florida Leading the Way
Predictive Analytics and Advanced Dashboarding
Improving Assessment Accuracy
Improving Assessment Accuracy

<table>
<thead>
<tr>
<th>Risk Level</th>
<th>FL DJJ PACT MODEL</th>
<th>Machine Learning/Analytics Model</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td># Cases</td>
<td>% Cases</td>
</tr>
<tr>
<td>Low</td>
<td>39,250</td>
<td>72%</td>
</tr>
<tr>
<td>Moderate</td>
<td>6,077</td>
<td>11%</td>
</tr>
<tr>
<td>Moderate High</td>
<td>5,477</td>
<td>10%</td>
</tr>
<tr>
<td>High</td>
<td>3,665</td>
<td>7%</td>
</tr>
</tbody>
</table>

DJJ Resources and Data on the Web
Briefing Sheets

http://www.djj.state.fl.us/research/fast-facts/delinquency-briefings

- Gang Activity for DJJ Involved Youth
- Domestic Violence Placements
- Obstruction/Resisting Arrest Analysis
- R-Pact Change Score Analysis
- Adhering to the Risk Principle
- General Delinquency Briefings
- Serious, Violent and Chronic Offenders
- And more....
Agency Priority Scorecards

http://www.djj.state.fl.us/research/reports/djj-monthly-accountability-scorecard/

[Table and chart showing percentage changes in various categories]

**Legend**
- A green arrow indicates improvement in a measure compared to the same month of the previous year.
- A green circle indicates no change from the same month of the previous year.
- A red arrow indicates that, compared to the same month of the previous year, an improvement is needed.

**Note:** For civil citation, the number shown represents a percentage point change compared to the same month of the previous year. For example, the 8 reported for January 2013 indicates that the percentage of eligible youth who received civil citation increased by eight percentage points from 25% to 33% since January 2012. For all other measures, percentages are a percentage change compared to the same month during the previous fiscal year. For example, the -3% reported for “Number of Delinquency Arrests” for January 2013 indicates a reduction by 3% from January 2012.
## Current Program Performance Dashboards

http://www.djj.state.fl.us/research/reports/current-performance-measurement-reports

### Table: Performance Dashboard

<table>
<thead>
<tr>
<th>Risk Level</th>
<th>Program Name</th>
<th>ODP</th>
<th>ODP Rank</th>
<th>Youth Served</th>
<th>ODP Rank</th>
<th>Youth Served</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Bristol Academy - Specialized Unit</td>
<td>0%</td>
<td>1</td>
<td>48</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Bristol Youth Academy</td>
<td>2%</td>
<td>10</td>
<td>50</td>
<td>24</td>
<td>24</td>
</tr>
<tr>
<td></td>
<td>Bristol Youth Academy Substance Abuse</td>
<td>0%</td>
<td>1</td>
<td>67</td>
<td>24</td>
<td>24</td>
</tr>
<tr>
<td></td>
<td>Britt Halfway House</td>
<td>0%</td>
<td>1</td>
<td>48</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>Broward Girls Academy</td>
<td>0%</td>
<td>1</td>
<td>51</td>
<td></td>
<td>51</td>
</tr>
</tbody>
</table>

### Chart: Race/Ethnicity of Total Girls Served by PACE

- Black: 883
- White: 610
- Hispanic: 324
- Other: 9
The Delinquency Profile

http://www.djj.state.fl.us/research/delinquency-data/delinquency-profile