General recidivism and recidivism for sexual offenses

Presented to:
CJPAC
April 27, 2017
## General Recidivism

### Recidivism, new arrest

<table>
<thead>
<tr>
<th></th>
<th>2011 COHORT</th>
<th>No SO flag</th>
<th>All SO flags</th>
<th>Any SO flag</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total cohort</td>
<td>11496</td>
<td>9930</td>
<td>678</td>
<td>1566</td>
</tr>
<tr>
<td>6-month count</td>
<td>2456</td>
<td>2147</td>
<td>98</td>
<td>309</td>
</tr>
<tr>
<td>12-month count</td>
<td>4403</td>
<td>3859</td>
<td>173</td>
<td>544</td>
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<tr>
<td>18-month count</td>
<td>5565</td>
<td>4883</td>
<td>220</td>
<td>682</td>
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<tr>
<td>24-month count</td>
<td>6314</td>
<td>5542</td>
<td>252</td>
<td>772</td>
</tr>
<tr>
<td>30-month count</td>
<td>6850</td>
<td>5999</td>
<td>294</td>
<td>851</td>
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<tr>
<td>36-month count</td>
<td>7263</td>
<td>6359</td>
<td>317</td>
<td>904</td>
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<tr>
<td>48-month count</td>
<td>7802</td>
<td>6803</td>
<td>368</td>
<td>999</td>
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<tr>
<td>60-month count</td>
<td>8148</td>
<td>7107</td>
<td>393</td>
<td>1041</td>
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### Recidivism, new conviction

<table>
<thead>
<tr>
<th></th>
<th>2011 COHORT</th>
<th>No SO flag</th>
<th>All SO flags</th>
<th>Any SO flag</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total cohort</td>
<td>11496</td>
<td>9930</td>
<td>678</td>
<td>1566</td>
</tr>
<tr>
<td>6-month count</td>
<td>859</td>
<td>723</td>
<td>45</td>
<td>136</td>
</tr>
<tr>
<td>12-month count</td>
<td>2478</td>
<td>2119</td>
<td>131</td>
<td>359</td>
</tr>
<tr>
<td>18-month count</td>
<td>3813</td>
<td>3268</td>
<td>202</td>
<td>545</td>
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<tr>
<td>24-month count</td>
<td>4904</td>
<td>4230</td>
<td>255</td>
<td>674</td>
</tr>
<tr>
<td>30-month count</td>
<td>5685</td>
<td>4913</td>
<td>294</td>
<td>772</td>
</tr>
<tr>
<td>36-month count</td>
<td>6259</td>
<td>5419</td>
<td>326</td>
<td>840</td>
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<tr>
<td>48-month count</td>
<td>6986</td>
<td>6047</td>
<td>372</td>
<td>938</td>
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<td>60-month count</td>
<td>7426</td>
<td>6417</td>
<td>410</td>
<td>1008</td>
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### 6-month to 60-month recidivism rates

<table>
<thead>
<tr>
<th>Time Period</th>
<th>2011 COHORT</th>
<th>All SO flag</th>
<th>Any SO flag</th>
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<tbody>
<tr>
<td>6-month</td>
<td>21.4%</td>
<td>21.6%</td>
<td>14.5%</td>
</tr>
<tr>
<td>12-month</td>
<td>38.3%</td>
<td>38.9%</td>
<td>25.5%</td>
</tr>
<tr>
<td>18-month</td>
<td>48.4%</td>
<td>49.2%</td>
<td>32.4%</td>
</tr>
<tr>
<td>24-month</td>
<td>54.9%</td>
<td>55.8%</td>
<td>37.2%</td>
</tr>
<tr>
<td>30-month</td>
<td>59.6%</td>
<td>60.4%</td>
<td>43.4%</td>
</tr>
<tr>
<td>36-month</td>
<td>63.2%</td>
<td>64.0%</td>
<td>46.8%</td>
</tr>
<tr>
<td>48-month</td>
<td>67.9%</td>
<td>68.5%</td>
<td>54.3%</td>
</tr>
<tr>
<td>60-month</td>
<td>70.9%</td>
<td>71.6%</td>
<td>58.0%</td>
</tr>
</tbody>
</table>

[Graphs showing recidivism rates from 6-month to 60-month]
# General Recidivism - subgroups

<table>
<thead>
<tr>
<th>Cohort size</th>
<th>Age quantiles</th>
<th>Juvenile history</th>
<th>Sex offenders history</th>
<th>DOC Sentence ID</th>
<th>Arrest history</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>15 to 24</td>
<td>2,490</td>
<td>8,496</td>
<td>9,930</td>
<td>524</td>
</tr>
<tr>
<td></td>
<td>25 to 29</td>
<td>2,175</td>
<td>2,999</td>
<td>1,565</td>
<td>394</td>
</tr>
<tr>
<td></td>
<td>30 to 36</td>
<td>2,322</td>
<td>9,142</td>
<td>1,653</td>
<td>377</td>
</tr>
<tr>
<td></td>
<td>37 to 45</td>
<td>2,306</td>
<td>2,353</td>
<td>3,100</td>
<td>227</td>
</tr>
<tr>
<td></td>
<td>46 to 82</td>
<td>2,202</td>
<td>10,682</td>
<td>2,122</td>
<td>118</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Juvenile record, No</td>
<td>8,496</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Juvenile record, Yes</td>
<td>2,999</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Supervision as juvenile, No</td>
<td>9,142</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Commitment as juvenile, No</td>
<td>10,682</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Commitment as juvenile, Yes</td>
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<tr>
<td>Sex offenders history</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>No SO flag</td>
<td>9,930</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SO flag any</td>
<td>1,565</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SO flag, all</td>
<td>684</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DOC Sentence ID</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>First</td>
<td>2,609</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Second</td>
<td>1,653</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3rd to 5th</td>
<td>3,100</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6th to 9th</td>
<td>2,122</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10 or more</td>
<td>2,009</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arrest history</td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SEX ASSAULT 1</td>
<td>524</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SEX ASSAULT 2</td>
<td>394</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SEX ASSAULT 4</td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IL SEXUAL CNTCT</td>
<td>227</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PUBLIC INDECENCY</td>
<td>118</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PATRONIZE PROST</td>
<td>81</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PROSTITUTION RELATED</td>
<td>45</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHILD PORN. Poss.</td>
<td>28</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total male cohort</td>
<td>11,495</td>
<td></td>
<td></td>
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</table>
Recidivism rates vary considerably within the offender population.

- Re-arrest rates varies from 39% to 86%. The mean was 71%.
- Return-to-prison rates ranged from 31% to 79%. The mean was 42%.
- Conviction rates varied from 47% to 82%. The mean was 65%.
- Re-sentenced rates ranged from 7% to 61%

We know higher sub-group rates exist.
Out of 11,495 offenders who were released or discharged from prison in 2011, 188 were charged with a new sexual offense within 5 years of discharge.
Out of 11,495 offenders who were released or discharged from prison in 2011, 87 were convicted for a new sexual offense within 5 years of discharge.
### New arrests and convictions for sex offenses

<table>
<thead>
<tr>
<th>Offenders arrested for all new sexual offenses</th>
<th>Offenders convicted for new sexual offenses</th>
<th>Ratio of convictions to arrests</th>
</tr>
</thead>
<tbody>
<tr>
<td>Child porn poss.</td>
<td>1</td>
<td>100%</td>
</tr>
<tr>
<td>Patron. Prostitute</td>
<td>5</td>
<td>80%</td>
</tr>
<tr>
<td>Public indecency</td>
<td>16</td>
<td>75%</td>
</tr>
<tr>
<td>Sex assault 1</td>
<td>15</td>
<td>73%</td>
</tr>
<tr>
<td>All SO flags</td>
<td>28</td>
<td>71%</td>
</tr>
<tr>
<td>Prostitution related</td>
<td>3</td>
<td>67%</td>
</tr>
<tr>
<td>Juv. Sex charge: Yes</td>
<td>3</td>
<td>67%</td>
</tr>
<tr>
<td>Any SO flag</td>
<td>65</td>
<td>65%</td>
</tr>
<tr>
<td>First</td>
<td>24</td>
<td>63%</td>
</tr>
<tr>
<td>Sex assault 4</td>
<td>13</td>
<td>62%</td>
</tr>
<tr>
<td>15 to 24</td>
<td>33</td>
<td>61%</td>
</tr>
<tr>
<td>Sex assault 2</td>
<td>15</td>
<td>60%</td>
</tr>
<tr>
<td>Second</td>
<td>18</td>
<td>56%</td>
</tr>
<tr>
<td>Illegal sex. contact</td>
<td>11</td>
<td>55%</td>
</tr>
<tr>
<td>Juv. Record: Yes</td>
<td>55</td>
<td>51%</td>
</tr>
<tr>
<td>Juv. Supv.: Yes</td>
<td>47</td>
<td>49%</td>
</tr>
<tr>
<td>25 to 30</td>
<td>43</td>
<td>49%</td>
</tr>
<tr>
<td>Third to fifth</td>
<td>50</td>
<td>48%</td>
</tr>
<tr>
<td>Juv. Commitment: No</td>
<td>169</td>
<td>48%</td>
</tr>
<tr>
<td>Total cohort</td>
<td>188</td>
<td>46%</td>
</tr>
<tr>
<td>Juv. Supv.: No</td>
<td>141</td>
<td>45%</td>
</tr>
<tr>
<td>Tenth or more</td>
<td>47</td>
<td>45%</td>
</tr>
<tr>
<td>Juv. Record: No</td>
<td>133</td>
<td>44%</td>
</tr>
<tr>
<td>Juv. Sex charge: No</td>
<td>185</td>
<td>44%</td>
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<tr>
<td>37 to 45</td>
<td>41</td>
<td>44%</td>
</tr>
<tr>
<td>31 to 36</td>
<td>37</td>
<td>43%</td>
</tr>
<tr>
<td>No SO flag</td>
<td>123</td>
<td>37%</td>
</tr>
<tr>
<td>46 to 82</td>
<td>34</td>
<td>35%</td>
</tr>
<tr>
<td>Sixth to ninth</td>
<td>49</td>
<td>35%</td>
</tr>
<tr>
<td>Juv. Commitment: Yes</td>
<td>19</td>
<td>32%</td>
</tr>
</tbody>
</table>

Only 46% of offenders who were arrested for a sexual offense went on to be convicted for a sexual offense.
### Prior arrest and conviction history, 2011 cohort

<table>
<thead>
<tr>
<th>Category</th>
<th>Cohort</th>
<th>Sex crime any, arrest</th>
<th>Sex crime any, conviction</th>
<th>Ratio conviction to arrest</th>
</tr>
</thead>
<tbody>
<tr>
<td>All SO flags</td>
<td>684</td>
<td>684</td>
<td>683</td>
<td>100%</td>
</tr>
<tr>
<td>Child porn</td>
<td>39</td>
<td>39</td>
<td>33</td>
<td>85%</td>
</tr>
<tr>
<td>Ill. Sexual contact</td>
<td>227</td>
<td>227</td>
<td>174</td>
<td>77%</td>
</tr>
<tr>
<td>STS score &quot;XXX1&quot;</td>
<td>1184</td>
<td>1016</td>
<td>754</td>
<td>74%</td>
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<tr>
<td>Sex assault 2</td>
<td>406</td>
<td>406</td>
<td>284</td>
<td>70%</td>
</tr>
<tr>
<td>Sex assault 1</td>
<td>572</td>
<td>572</td>
<td>395</td>
<td>69%</td>
</tr>
<tr>
<td>Patronizing prostitution</td>
<td>81</td>
<td>81</td>
<td>54</td>
<td>67%</td>
</tr>
<tr>
<td>Prostitution-related</td>
<td>45</td>
<td>45</td>
<td>30</td>
<td>67%</td>
</tr>
<tr>
<td>Sex assault 4</td>
<td>382</td>
<td>382</td>
<td>250</td>
<td>65%</td>
</tr>
<tr>
<td>Any SO flag</td>
<td>1560</td>
<td>1388</td>
<td>845</td>
<td>61%</td>
</tr>
<tr>
<td><strong>Entire cohort</strong></td>
<td><strong>11446</strong></td>
<td><strong>1388</strong></td>
<td><strong>845</strong></td>
<td><strong>61%</strong></td>
</tr>
<tr>
<td>Public indecency</td>
<td>118</td>
<td>118</td>
<td>61</td>
<td>52%</td>
</tr>
</tbody>
</table>

61% of offenders who had been charged with a sex crime at the time of their arrest was convicted of a sexual offense.
Recidivism rates v. recidivism events - a caution

Recidivism, return-to-prison, 2011 and 2014 cohorts

Recidivism - 1-year return to prison, 2011 v. 2014

The upshot: although overall recidivism rates remained relatively constant the number of recidivation events was down by 19%.
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