



# **Solano County**

# **Results First**

Presented to Solano County Board of Supervisors  
on June 11, 2019  
Probation Department



# Overview

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- **Introduction**
- **Results First Approach**
- **Program Inventory**
- **Benefit Cost Model**
- **Next Steps**



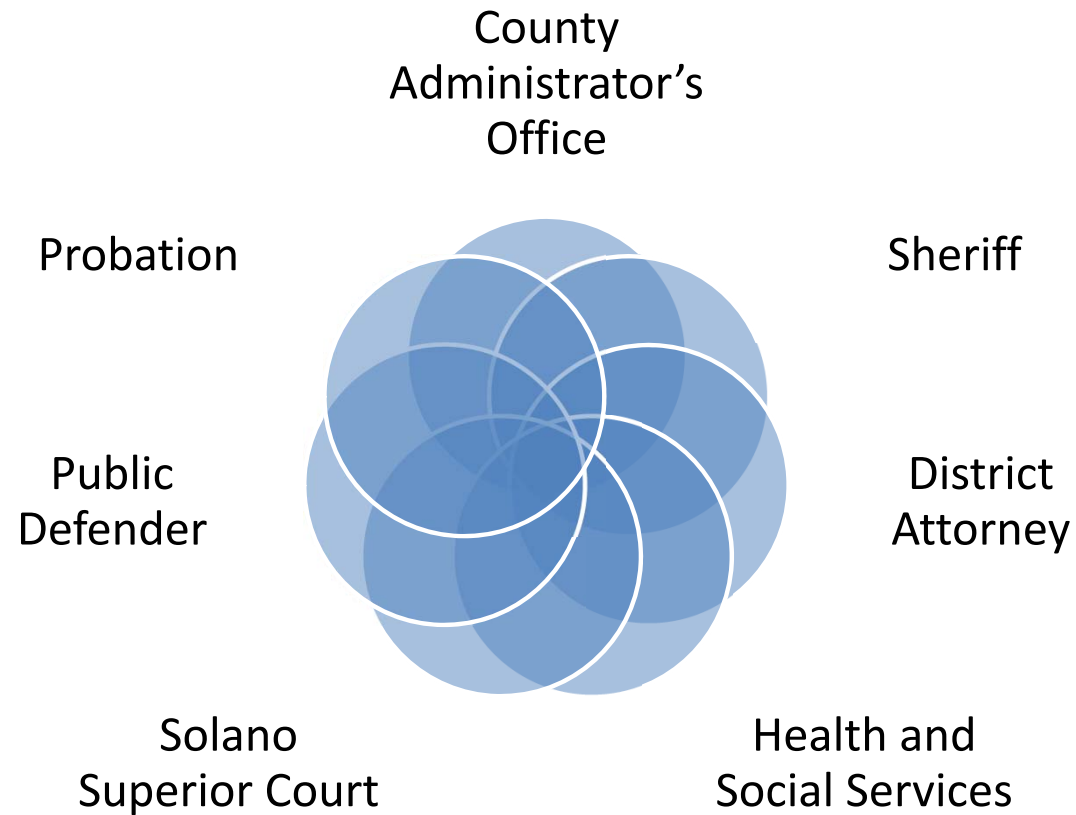
# Introduction

- **Implementation of the Results First Initiative**
  - In 2017, the County Administrator's Office, the Probation Department, and the Community Corrections Partnership (CCP) endorsed partnering with California State Associate of Counties (CSAC) Hub for Criminal Justice Programming to implement the Results First Initiative
- **Results First Initiative Purpose**
  - To aid counties in implementing an innovative policy making approach and benefit-cost model to invest in policies and programs best supported by evidence to reduce recidivism<sup>1</sup> of the Adult Criminal Justice Population

<sup>1</sup> Recidivism is defined as a new crime conviction after the start of supervision or release from incarceration.



# Solano County Results First Collaborative





## Results First Approach



- The Program Inventory contains nearly 50 funded programs<sup>2</sup> that serve the adult criminal justice population
- The Cost-Benefit Analysis produced a model through which the County can project the return of investment of a program based on its impact on recidivism
- The County and the community can save up to \$121,479 by avoiding one recidivist

<sup>2</sup> A program is defined as an intervention (program or a practice) that engages specific participants to achieve a discrete outcome. The discrete outcome focus is recidivism reduction



## Program Inventory

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- **Gather program information including program description, capacity, participants, location, outcomes addressed, and budget**
- **Match program description, outcomes addressed, dosage, and setting of programs to the evidence using the Results First Clearinghouse**
- **Clearinghouses review and summarize rigorous evaluations of different programs/interventions then assign ratings to interventions based on evidence**

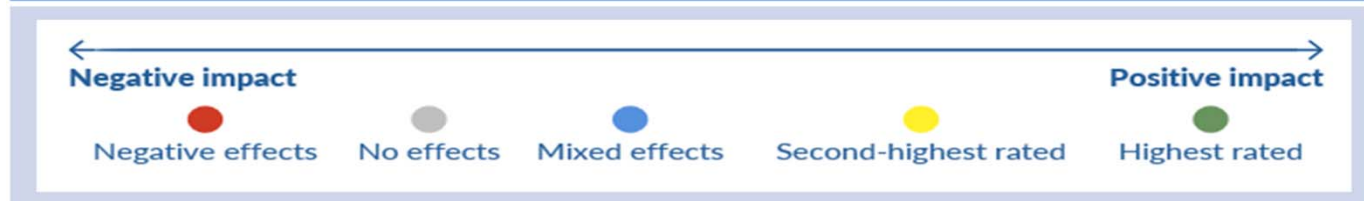


# Program Inventory

**Table 1: Program Inventory Example**

Program Name	Description	Outcomes Addressed	Evidence Rating
<b>Reasoning and Rehabilitation II (R&amp;R II)</b>	Cognitive behavioral therapy intended to help participants develop social skills, moral reasoning, and problem-solving skills.	Criminal Thinking Companions Anti-Social Patterns Pro-Criminal Attitude	Highest Rated
<b>Employment Services</b>	Employment services in the form of soft skills, resume preparation, job searches and job training. Includes interactive journalized curriculum.	Employment	Highest Rated
<b>Matrix for Probation clients</b>	Intensive outpatient approach for substance abuse and dependence	Substance Abuse	Second Highest

## Clearinghouse Ratings System





## Benefit Cost Model

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- Projects return of investment of a program based on the impact on reducing recidivism
- Model relies on high-quality research studies and meta-analysis to measure the impact on programs of reducing analysis.
- The level of effectiveness of programs at impacting crime as seen through repeated trips through the criminal justice system (recidivism)
- Monetizes recidivism reductions using Solano County-specific county 1) costs, 2) recidivism, 3) sentencing outcomes, and 4) resources used (days on probation, in jail, or in prison)





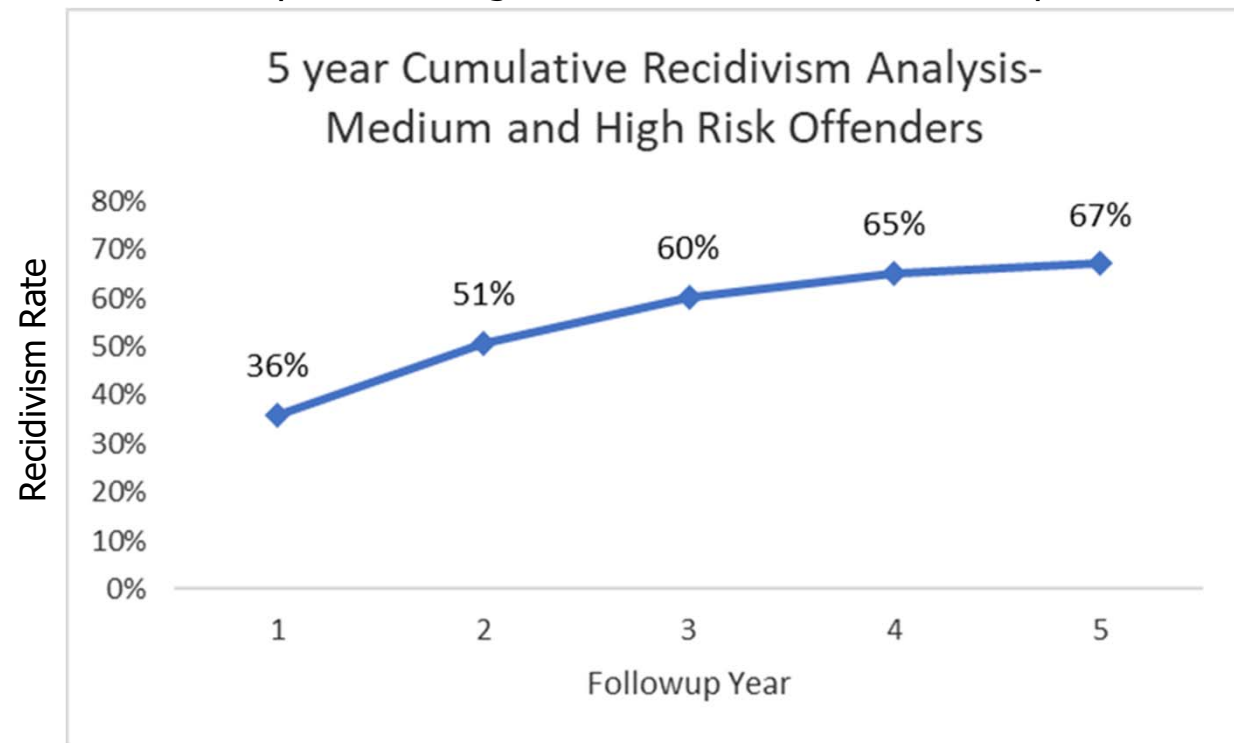
## Recidivism Analysis

- The baseline cohort studied began supervision between Oct. 1, 2011 – Sept. 30, 2012, and then were followed for 5 years to track new convictions
- The recidivism rates for this cohort and subsequent cohorts continue to be studied. In April 2018 the Probation Department reported to the Board a reduction in recidivism in subsequent cohorts
- Cohorts are comprised of medium to high risk offenders as determined by a correctional risk assessment tool
- LS/CMI is a correctional risk assessment tool that assesses the relative risk of an individual to reoffend, and then prioritizes service needs to design customized case plans to make needs-based referrals to programming



# Recidivism Analysis

Cohort 1: Supervision began between Oct. 1, 2011 – Sept. 30, 2012





## Benefit Cost Analysis Results

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- **Each recidivating event costs up to \$121,479 for the public and victims**
- **By avoiding one recidivist the County and the Community can realize a benefit of up to the \$121,479**
- **This benefit is realized through avoided marginal costs to County agencies serving the Adult Criminal Justice population as well as avoided victimization costs**



# Benefit Cost Analysis Results

Program Name	Benefits Per Participant	Program Cost	Benefit-Cost Ratio	Recidivism Reduction
Matrix Model	\$8,196	\$ 1,208	\$6.78	-10%
Reasoning and Rehabilitation	\$7,312	\$ 227	\$32.15	-9%
Education - High School Diploma or GED	\$7,622	\$ 1,564	\$4.87	-9%
Employment	\$1,714	\$1,083	\$1.83	-2%

- **Benefits per participant:** The programs monetary impact for reducing recidivism
- **Program Cost:** The cost to provide the program
- **Cost Benefit Ratio:** The amount of benefits for every dollar in costs invested
- **Recidivism reduction:** The estimated recidivism reduction based on Solano County's baseline recidivism rate



## Next Steps

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- **Develop a county-wide evidence-based program definition and approach for use when contracting, and issuing Requests for Applications and Requests for Proposals**
- **Build capacity within each County department to monitor and respond to fidelity concerns through quality assurance and fidelity analysis**
- **Continue to collaborate on standardizing evidence-based programming, particularly on continuum of care**