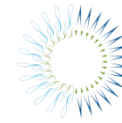


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The Pew-MacArthur Results First Initiative:
Using Evidence to Inform Decisions

Friday, March 09, 2018



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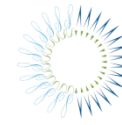
The Policy Challenge

- Budget development often relies on inertia, opinions, or anecdote
- Limited data on:
 - What programs are funded
 - What each program costs
 - What programs accomplish
 - How they compare

SOLUTION:
Bring evidence into the
process



The Results First Approach: Bring Evidence into the Process



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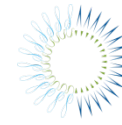
1. Inventory programs and
compare to research

2. Conduct benefit-cost
analysis

3. Use your results



The Results First Approach: Bring Evidence into the Process



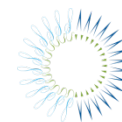
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1. Inventory programs and compare to research

- **PROGRAM** means an intervention (program or practice) implemented to achieve desired outcomes

Program Inventory



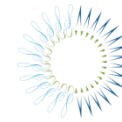
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PROGRAM INFORMATION	BUDGET		EVIDENCE-BASED
PROGRAM NAME	PROGRAM BUDGET	% OF PROGRAM BUDGET	RATINGS
Nurse-Family Partnership	\$125,000	6%	
Parent Child Interaction Therapy	\$50,000	3%	
SafeCare	\$300,000	15%	
Family Connections	\$250,000	13%	
Healthy Families America	\$180,000	9%	
Peer-to-Peer Skill Building	\$100,000	5%	
All other programs	\$950,000	49%	

Note: Data created by author for illustrative purposes only and are not intended to reflect any actual program budget.

Results First Clearinghouse Database



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Clearinghouses Included

Clearinghouse

Blueprints for Healthy Youth Development

California Evidence-Based Clearinghouse for Child Welfare

Coalition for Evidence-Based Policy

CrimeSolutions.gov

National Registry of Evidence-based Programs and Practice

Promising Practices Network

What Works Clearinghouse

What Works in Reentry Clearinghouse

Abbreviation Used

Blueprints

CEBC

Coalition

CrimeSolutions

NREPP

PPN

WWC

WWR

Area of Interest

Child welfare and juvenile justice

Child welfare

Social policy

Criminal justice

Substance abuse and mental health

Child welfare, juvenile justice, and social programs

Education

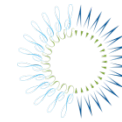
Criminal justice

Rating Colors

The clearinghouse assigned the intervention its second-highest rating. This generally requires an evaluation that used a quasi-experimental design and showed that the intervention had a positive impact.

● Highest rated ● Second-highest rated ● No evidence of effects ● Mixed effects ● Negative effects

Results First Clearinghouse Database



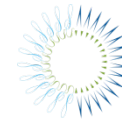
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Policy area	Intervention	Blueprints	CEBC	Coalition	Crime Solutions	NREPP	PPN	WWC	WWR
Child welfare	Adolescent Parenting Program		●						
Child welfare	Adults and Children Together Raising Safe Kids Program				●				
Child welfare	All Babies Cry					●			
Child welfare	Alternatives for Families: Cognitive Behavioral Therapy		●		●	●			
Child welfare	Attachment and Biobehavioral Catch-up		●			●			
Child welfare	Clearinghouse: National Registry of Evidence-based Programs and Practice Intervention: Chicago Parent Program Evidence Rating: 3.5					●			
Child welfare									
Child welfare									
Child welfare	Chicago Parent Program		●		●	●			
Child welfare	Child FIRST	●		●	●	●			
Child welfare	Child Sexual Abuse Prevention: Teacher Training Workshop						●		

Learn more | ➡

Assess Funding by Level of Effectiveness



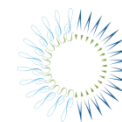
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PROGRAM INFORMATION	BUDGET		EVIDENCE-BASED	
PROGRAM NAME	PROGRAM BUDGET	% OF PROGRAM BUDGET	RATINGS	
Nurse-Family Partnership	\$125,000	6%	Highest rated	9%
Parent Child Interaction Therapy	\$50,000	3%	Highest rated	
SafeCare	\$300,000	15%	Second-highest rated	28%
Family Connections	\$250,000	13%	Second-highest rated	
Healthy Families America	\$180,000	9%	No evidence of effects	9%
Peer-to-Peer Skill Building	\$100,000	5%	Not rated	54%
All other programs	\$950,000	49%	Not rated	

Note: Data created by author for illustrative purposes only and are not intended to reflect any actual program budget.

Program Inventory Example

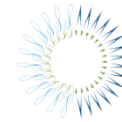


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TERN		BUDGET			EVIDENCE-BASED				
ProgID	Program Name	Percent of Total Budget	Funding Source	Year of Dollars	Program Evaluated (Y/N)	Impact Evaluation or Performance Monitoring (if evaluated)	Clearinghouse	Rating from Clearinghouse	RF ACJ Program
20	Post-Secondary Academic Service	NA	Self-pay	FY'15	N		CrimeSolutions.gov	2nd Highest	Correctional education (basic or post-secondary) in prison
400	Re-entry Services								
21	Reentry Course/ DOL Reentry Program	1.4%	Missing cost of	FY'15	N		-	Not Rated	No Match
22	Assess, Plan, Identify and Coordinate (APIC)	1.1%	MHTA (authorize	FY'15			WWR	2nd Highest	No Match
23	Institutional Discharge Project Plus (IDP+)	0.9%	General Fund	FY'15			WWR	Highest	No Match
24	Partners Reentry Center	2.4%	FY'16	FY'16	no		WWR	2nd Highest	No Match
25	ACM Transitional Homes In	NA	ACM donations &	NA	no		-	Excluded	-

Program Inventory Iowa Example



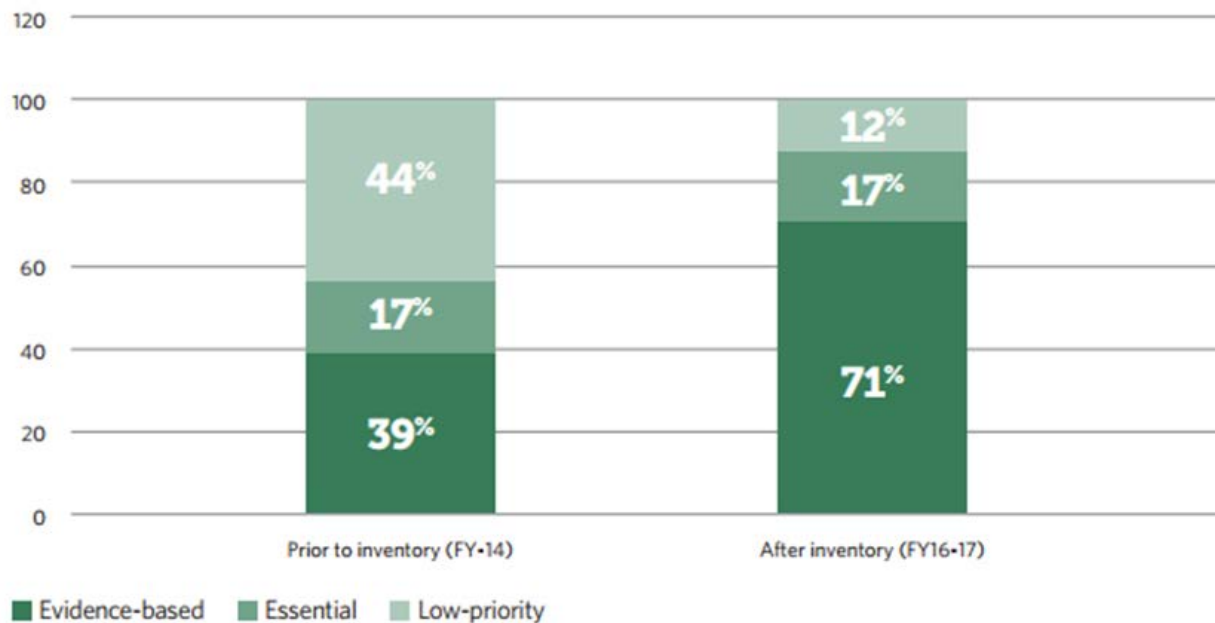
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Figure 3

Iowa Increases the Frequency of Evidence-Based Offerings

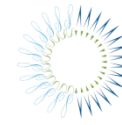
Despite reduction in the number of programs offered, the availability of evidence-based ones rose



Source: Iowa Department of Corrections

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The Results First Approach: Bring Evidence into the Process



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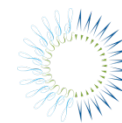
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1. Inventory programs and
compare to research

2. Conduct benefit-cost
analysis



The Results First Model



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1 Use the best **research** to identify what works



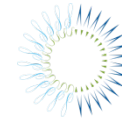
2 Predict the **impact** in your jurisdiction



3 Calculate long-term **benefits** and **costs**

BENEFIT
COST

Child Welfare Model Overview

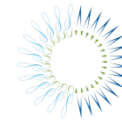


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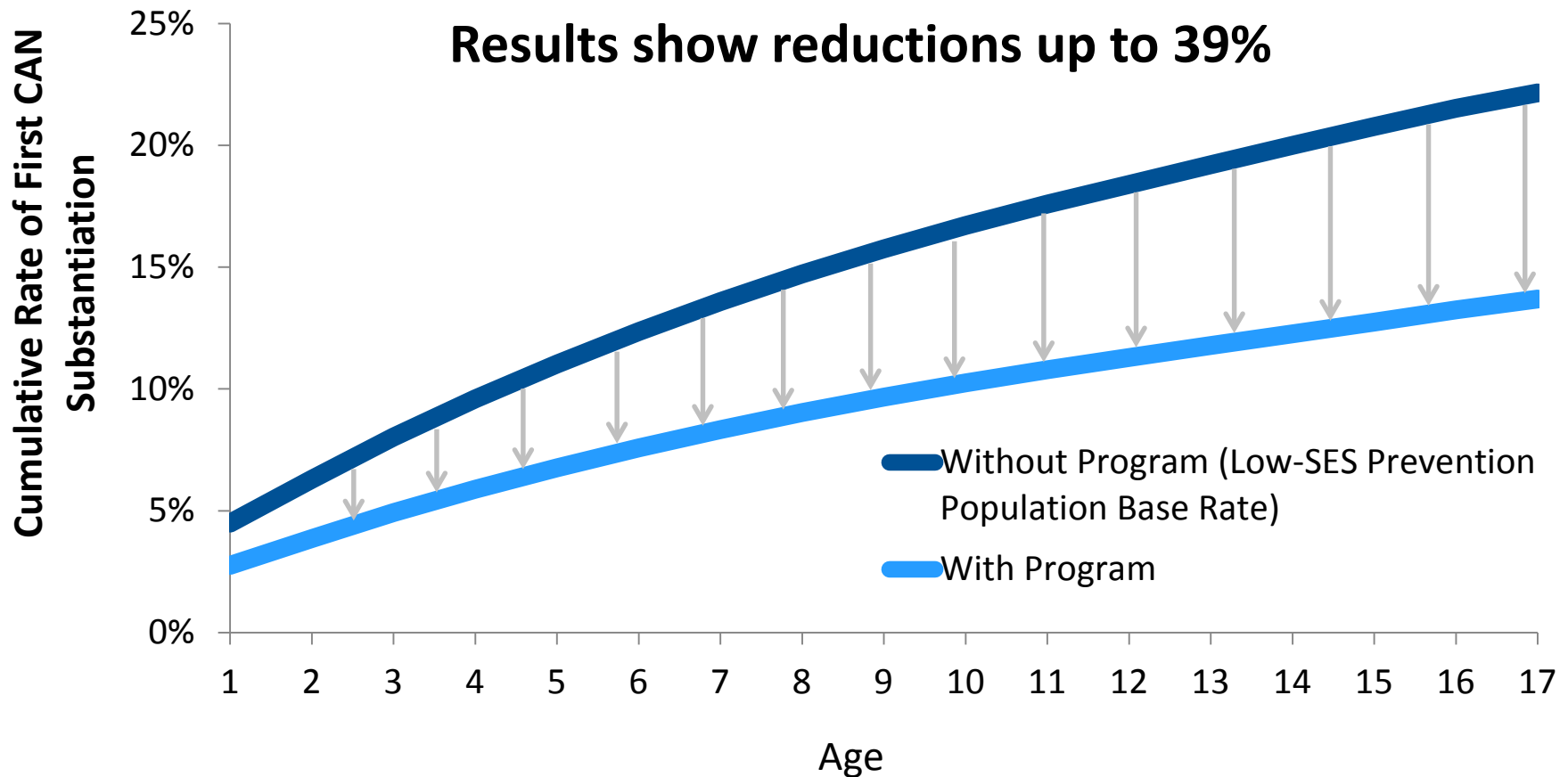
- Estimates the monetary value of changes in substantiated child abuse or neglect (CAN) cases and out-of-home placements (OOHP)
- Multiple sources of benefits:
 - Taxpayer: via change in resource use (police, courts, Child Protective Services, Child Welfare Services)
 - Society: tangible and intangible costs associated with victimization
- Impacts are estimated for primary populations (generally children) and where applicable, for secondary populations (generally parents)

Nurse-Family Partnership programs can reduce child abuse, neglect occurrence rates



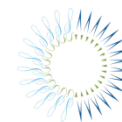
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Source: Based on Washington data

Compare Return on Investment



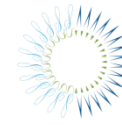
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Child Welfare Programs	Costs	Benefits	Benefit-Cost Ratio
Prevention Population			
Triple P Positive Parenting Program (All levels)	\$149	\$803	\$5.39
Nurse-Family Partnership	\$9,994	\$30,441	\$3.05
Parents as Teachers	\$2,671	\$4,907	\$1.84
Indicated Population			
Parent Child Interaction Therapy	\$1,614	\$30,134	\$18.67
Intensive Family Preservation Services (Homebuilders(c))	\$3,429	\$20,636	\$6.02
Other family preservation services (non-Homebuilders®)	\$3,145	-\$3,774	-\$1.20

Source: Based on Washington data

The Results First Approach: Bring Evidence into the Process



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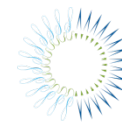
1. Inventory programs and compare to research

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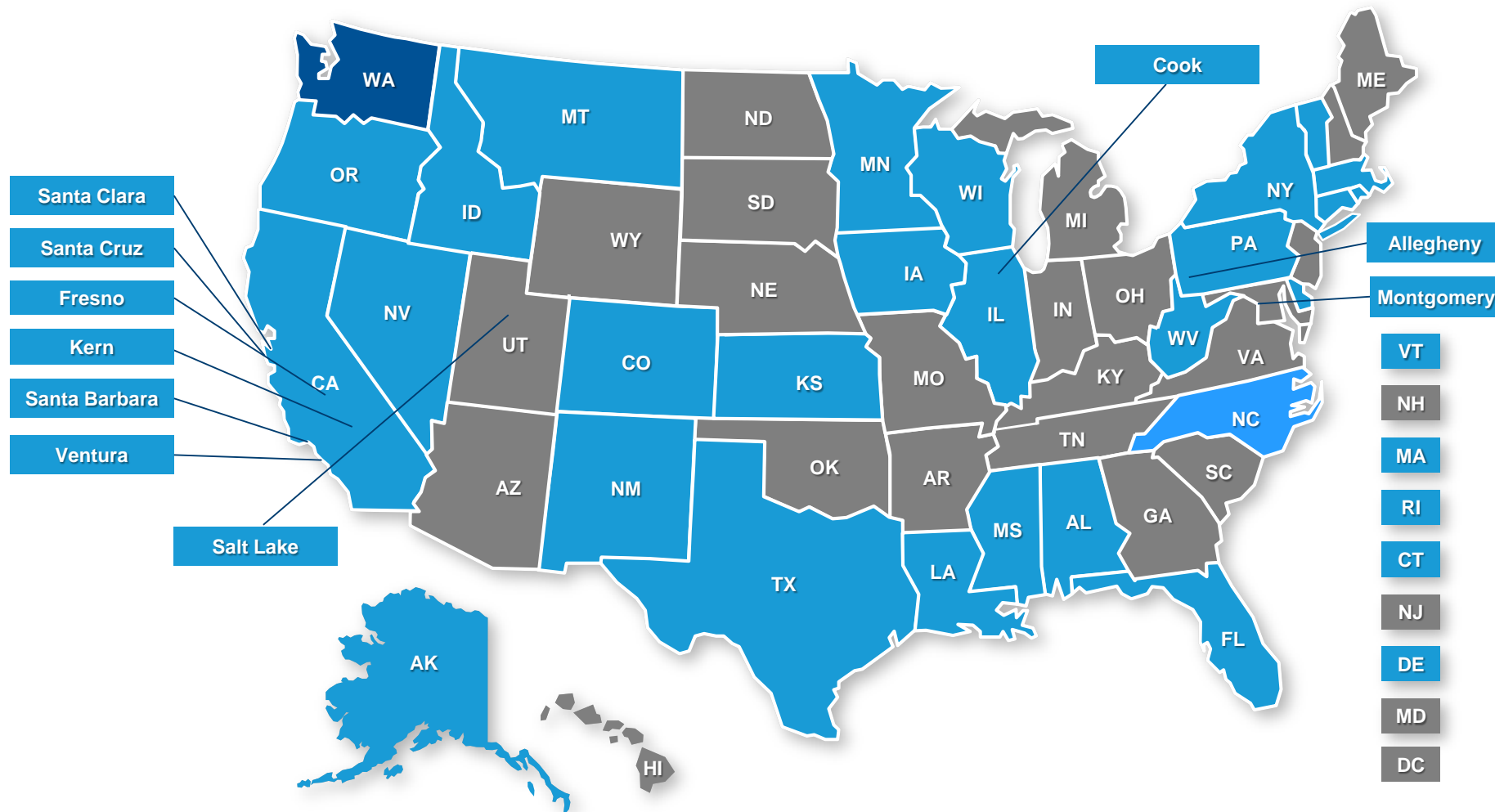


Participation in Results First



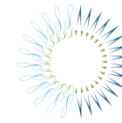
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A report from the Pew-MacArthur Results First Initiative

| Jan 2017



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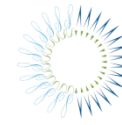
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How States Engage in Evidence-Based Policymaking

A national assessment

How States Engage in Evidence-Based Policymaking

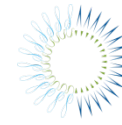


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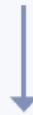


How States Engage in Evidence-Based Policymaking



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assessed in four policy areas

Behavioral Health

Programs to
improve mental
health and decrease
substance abuse

Child Welfare

Programs to
reduce the
incidence of child
maltreatment

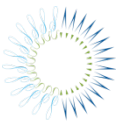
Criminal Justice

Programs to
reduce recidivism
of convicted
offenders

Juvenile Justice

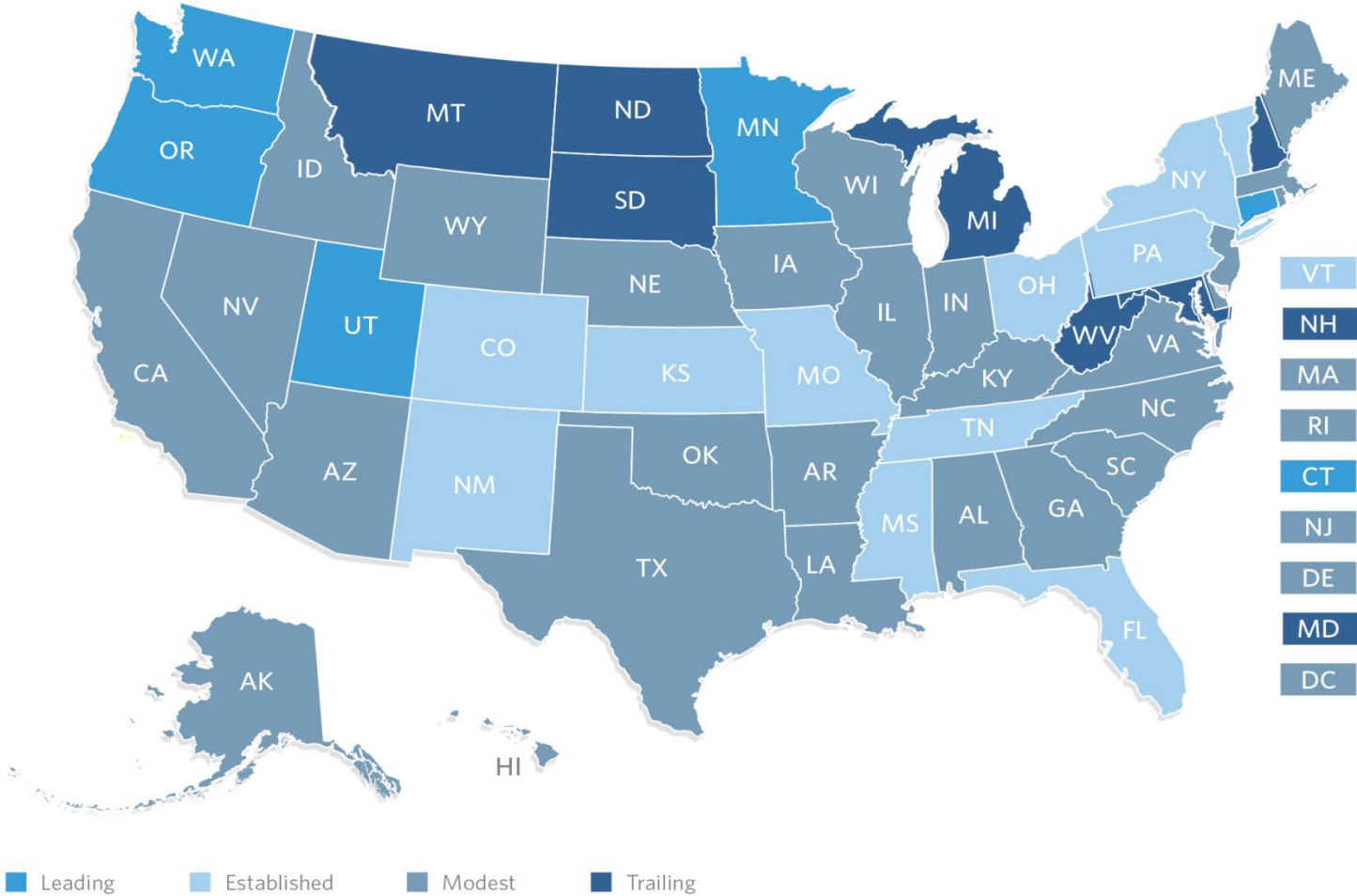
Programs to
reduce recidivism
of adjudicated
youth

Montana is *Trailing* in Evidence-Based Policymaking

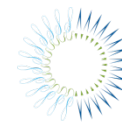


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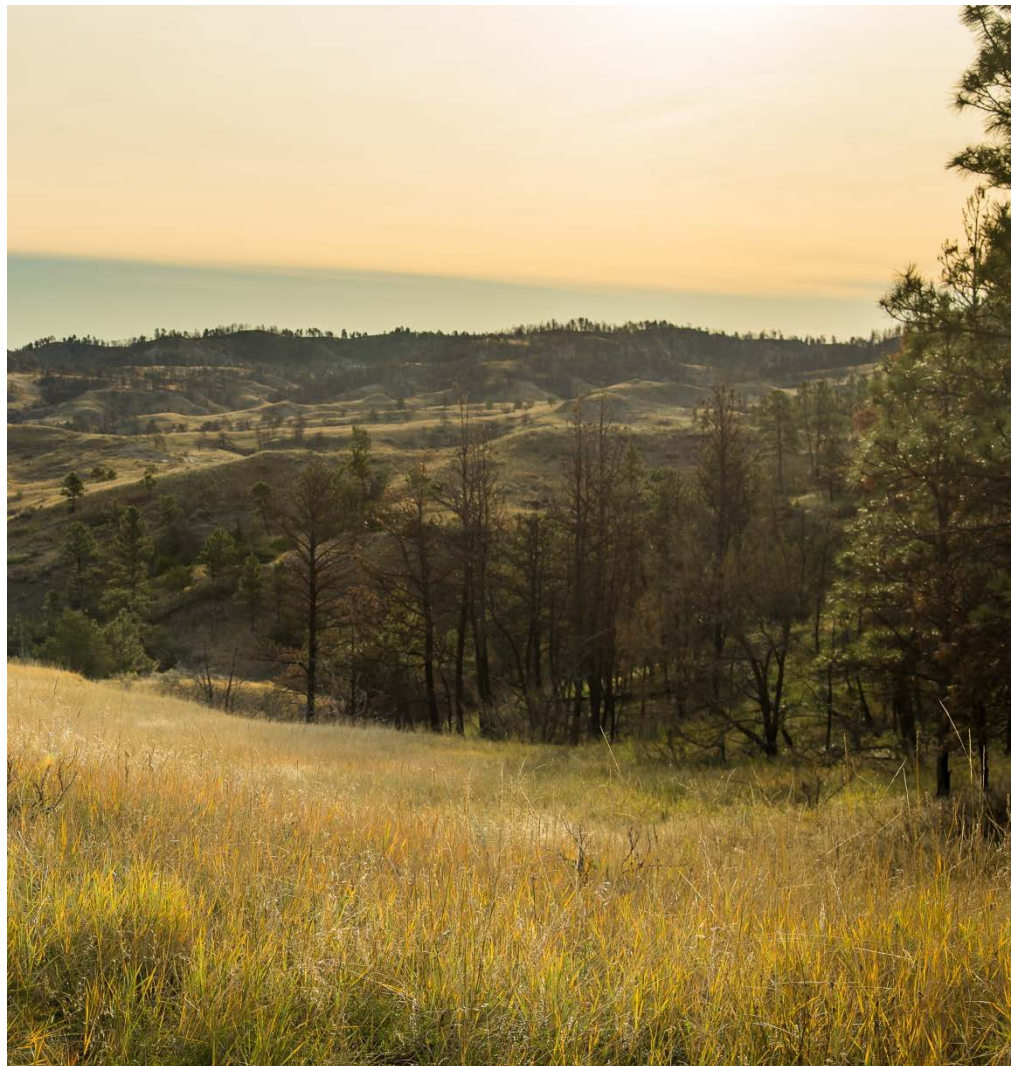
Results First in Montana



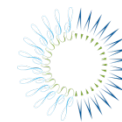
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- Invited by the Montana Legislative Finance Committee
- Results First work started September 2017
- Child Welfare policy area and model of specific interest
- Targeted completion: Summer 2018



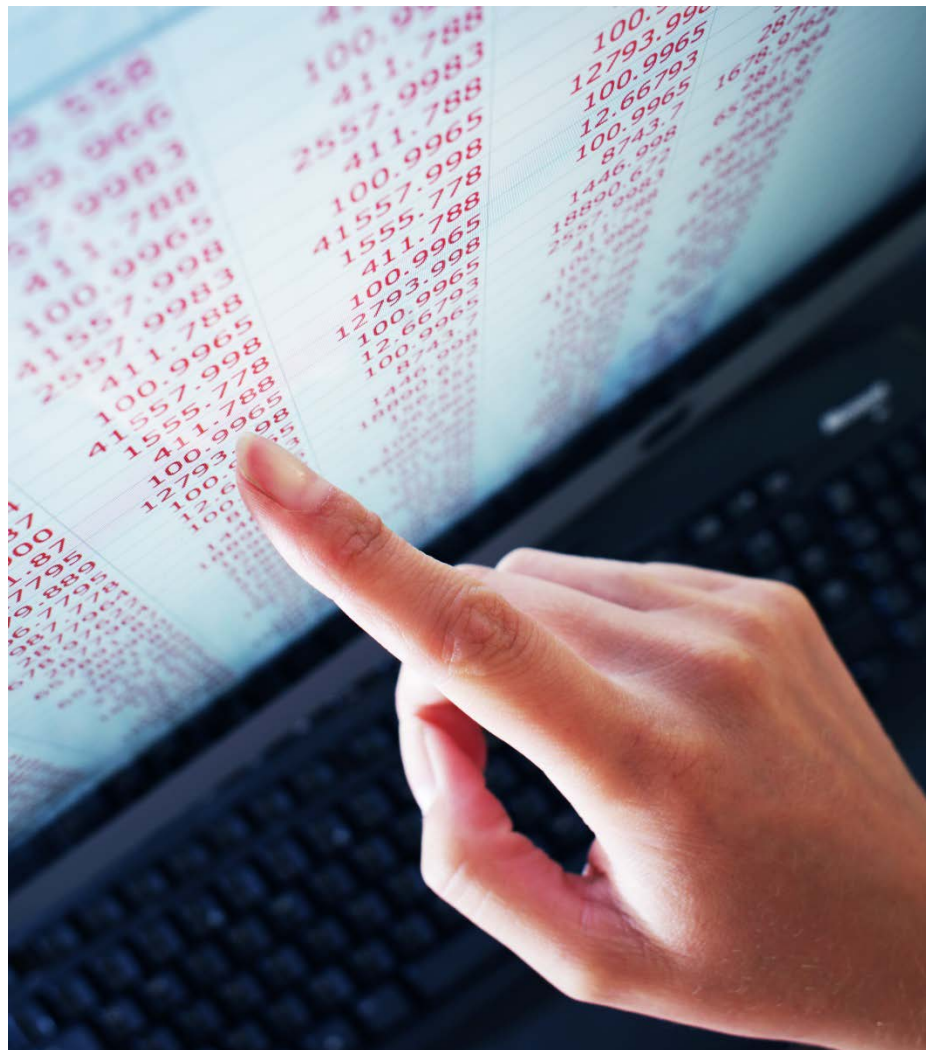
Program Inventory Progress



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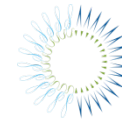
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- Inventoried in-home programs supported by Child and Family Services (IV-B)
- Programs included 11 providers, ~40 programs or interventions
- Evidence-matching for programs currently underway



Child Welfare Montana Model

- Model update from LFD



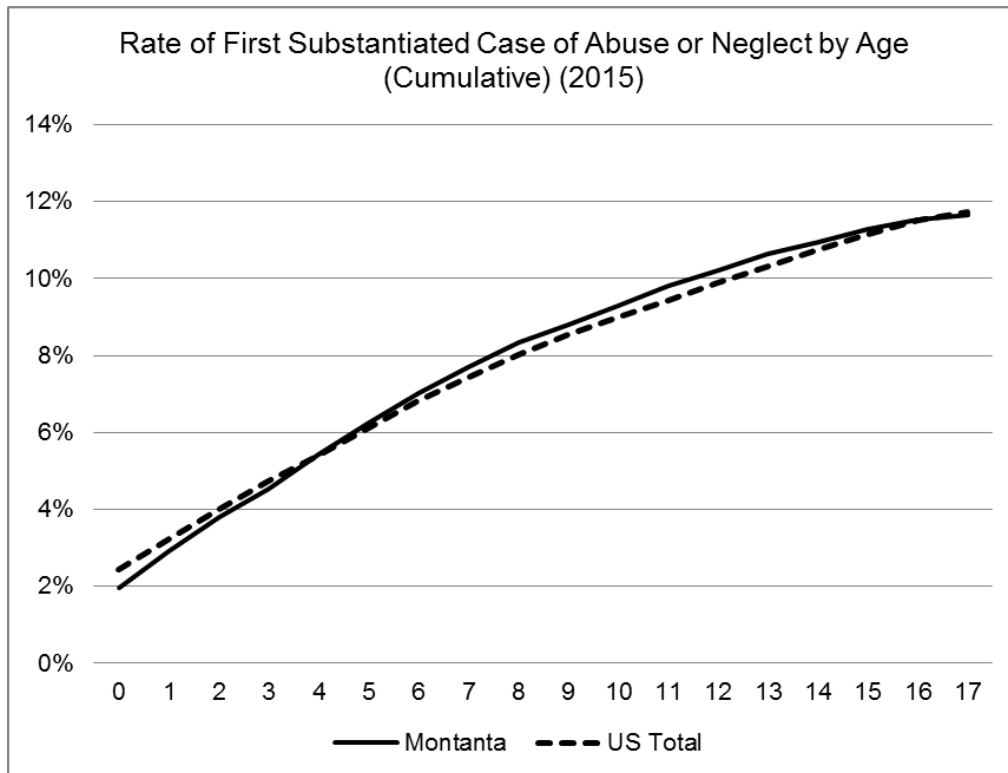
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USING PREVALENCE RATES TO UNDERSTAND CHILD WELFARE OUTCOMES

The Results First Initiative uses a benefit-cost model to estimate the monetary value of changing outcomes due to policy choices. The primary outcome of interest in the child welfare policy area is the 'prevalence rate' of child abuse or neglect. This rate gives the average percent chance that a child at a given age will have been a victim of abuse or neglect. The line graph below presents data from Montana (2015) and an average of 27 other states.

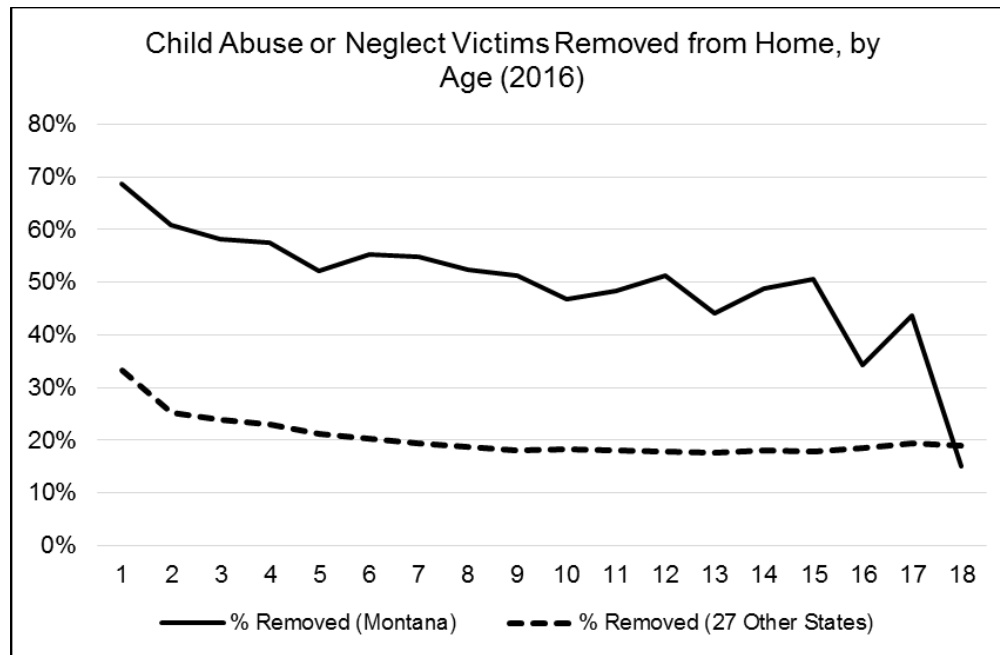


The data in this graph indicate the average 3 year old in Montana has a 4.5% chance of having experienced their first case of abuse or neglect. The average 16 year old has an 11.5% chance of having experienced their first case of abuse or neglect, and so on.

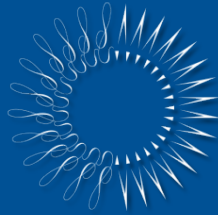
Lowering the prevalence rate of abuse and neglect has a number of positive outcomes, some in the short-term and some that are long-term: preventing the abuse or neglect of a child has positive impacts over that individual's life cycle. Preventing abuse and neglect also has fiscal benefits for states – again, in both the short and long-term.

The Results First Initiative benefit-cost model includes costs related to police involvement, court involvement, adoption costs, and the lifetime costs of abuse or neglect for victims.

An additional child welfare outcome of interest is the out-of-home placement rate for those children who have been victims of abuse or neglect. Montana removed 54% of abuse or neglect victims from the home in 2016; a higher removal rate than most other states. The line graph below presents data for Montana and 27 other states in 2016. The benefit-cost model is able to calculate the monetary value of reducing the probability that a victim of abuse or neglect is removed from the home.



Reducing out-of-home placement rates has two positive impacts. First, out-of-home placements are associated with a higher likelihood of negative long-run impacts on the child. Second, out-of-home placements have large per-child costs: keeping children in the home (when possible) is a more cost-beneficial outcome.



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Questions?

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ndantzer@pewtrusts.org

www.pewtrusts.org/ResultsFirst