June 2016 Inventory of Evidence-Based, Research-Based, and Promising Practices

For Prevention and Intervention Services for Children and Juveniles in Child Welfare, Juvenile Justice, and Mental Health Systems

Revised January 13, 2017 for technical corrections

Budget area	Program/intervention	Manual	Current definitions	Suggested definitions	Cost- beneficial	Reason program does not meet suggested evidence-based criteria (see full definitions below)	Percent minority
	Intervention						
	Alternatives for Families (AF-CBT)	Yes	Р	Р		No rigorous evaluation measuring outcome of interest	
	Family Search and Engagement	Yes	Р	Р		No rigorous evaluation measuring outcome of interest	
	Fostering Health Futures	Yes	۲	۲		Single evaluation	56%
	Functional Family Therapy (FFT) for children in the child welfare system	Yes	Р	Р		No rigorous evaluation measuring outcome of interest	
	Including Fathers—Father Engagement Program	Yes	Р	Р		No rigorous evaluation measuring outcome of interest	
	Intensive Family Preservation Services (HOMEBUILDERS®)	Yes	•	•	99%		58%
	King County Family Treatment Court	Yes	Р	Р		No rigorous evaluation measuring outcome of interest	
	Multisystemic Therapy (MST) for child abuse and neglect	Yes	۲	۲		Single evaluation	82%
	Other Family Preservation Services (non-HOMEBUILDERS®)	Varies*	Р	0	0%	Weight of evidence	76%
	Parent-Child Assistance Program	Yes	Р	Р		Single evaluation	52%
	Parent-Child Interaction Therapy (PCIT) for families in the child welfare system	Yes	•	•	94%		48%
	Parents for Parents	Yes	Р	Р		No rigorous evaluation measuring outcome of interest	
lre	Partners with Families and Children	Yes	Р	Р		No rigorous evaluation measuring outcome of interest	
Child welfare	Pathway to Reunification	Yes	Р	Р		No rigorous evaluation measuring outcome of interest	
Š	SafeCare	Yes	۲	۲	50%	Benefit-cost	33%
lic	Youth Villages LifeSet	Yes	۲	۲	22%	Benefit-cost	49%
Ð	Prevention						
	Circle of Security	Yes	Р	Р		No rigorous evaluation measuring outcome of interest	
	Healthy Families America	Yes	•	۲	51%	Benefit-cost	72%
	Kaleidoscope Play and Learn	Yes	Р	Р		No rigorous evaluation measuring outcome of interest	
	Nurse Family Partnership	Yes	•	۲	58%	Benefit-cost/heterogeneity	20%
	Other home visiting programs for at-risk mothers and children	Varies*	•	۲	63%	Benefit-cost	50%
	Parent Child Home Program	Yes	۲	۲	43%	Benefit-cost	65%
	Parent Mentor Program	Yes	Р	Р		No rigorous evaluation measuring outcome of interest	
	Parents and Children Together (PACT)		Р	Р		No rigorous evaluation measuring outcome of interest	
	Parents as Teachers	Yes	Р	Р	67%	Weight of evidence	80%
	Promoting Alternative Thinking Strategies (PATHS)	Yes	Р	Р	63%	Weight of evidence	49%
	Promoting First Relationships	Yes	Р	Р		No rigorous evaluation measuring outcome of interest	
	Safe Babies, Safe Moms	Yes	Р	Р		No rigorous evaluation measuring outcome of interest	
	Triple-P Positive Parenting Program (System)	Yes	۲	۲	63%	Benefit-cost	33%

• Evidence-based • Research-based • P Promising • Produces null or poor outcomes **NR** Not reported See definitions and notes on page 7.

*This program is an example within a broader category.

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	Adolescent Diversion Project	Yes	•	•	97%		58%
	Aggression Replacement Training	Yes					
	Youth in state institutions		۲	۲	92%	Heterogeneity	17%
	Youth on probation		۲	۲	91%	Heterogeneity	17%
	Cognitive behavioral therapy	Varies*	•	•	94%		43%
	Moral Reconation Therapy*	Yes					
	Reasoning and Rehabilitation*	Yes					
	Other cognitive behavioral therapy*	Varies*					
	Connections Wraparound	Yes	Р	Р		No rigorous evaluation measuring outcome of interest	
	Coordination of Services	Yes	۲	۲	95%	Heterogeneity	30%
	Dialectical Behavior Therapy	Yes	۲	۲		Single evaluation	27%
	Dialectical Behavior Therapy for substance abuse: Integrated treatment model	Yes	Р	Р		No rigorous evaluation measuring outcome of interest	
	Drug court	Varies*	•	۲	57%	Benefit-cost	38%
	Education and Employment Training (EET, King County)	Yes	۲	۲		Single evaluation	74%
	Family-based therapies (non-name brand)	Varies*	•	•	95%		53%
	Family Integrated Transitions (youth in state institutions)	Yes	۲	۲		Single evaluation	30%^
e	Functional Family Parole (with quality assurance)	Yes	۲	۲	72%	Benefit-cost	46%
stic	Functional Family Therapy	Yes					
Juvenile justice	Youth in state institutions		•	•	99%		18%^
nile	Youth on probation		•	•	99%		18%^
avr	Juvenile Detention Alternatives Initiative	Yes	Р	Р		No rigorous evaluation measuring outcome of interest	
-	Mentoring	Yes	•	•	87%		40%
	Multidimensional Family Therapy (MDFT) for substance abusers	Yes	۲	۲	12%	Benefit-cost	100%
	Multidimensional Treatment Foster Care	Yes	۲	۲	61%	Benefit-cost/heterogeneity	23%
	Multisystemic Therapy	Yes	•	•	75%		52%
	Multisystemic Therapy (MST) for substance abusers	Yes	•	۲	54%	Benefit-cost	63%
	Parenting with Love and Limits	Yes	۲	•	98%		55%
	Scared Straight	Yes	0	0	4%	Weight of evidence	NR
	Sex offender treatment	Varies*					
	Multisystemic Therapy	Yes	•	۲		Benefits & costs cannot be estimated at this time	43%
	Sex offender treatment (non-MST)	Varies*	Р	Р		Weight of evidence	NR
	Step Up	Yes	Р	Р		No rigorous evaluation measuring outcome of interest	
	Teaching-Family (group home model)	Yes	۲	۲		Single evaluation	22%
	Therapeutic Communities for substance abusers	Varies*	•	•	76%		58%
	Vocational and employment training	Varies*	۲	۲	55%	Weight of evidence	68%
	Victim offender mediation	Varies*	•	•	78%		71%
	Wilderness experience programs	Varies*	•	•	100%		36%
	You Are Not Your Past	No	Р	Р		No rigorous evaluation measuring outcome of interest	

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	Anxiety							
	Cognitive Behavioral Therapy (CBT) for anxious children (group, individual or remote) $^{\sharp}$	Varies*	•	۲	100%	Heterogeneity	20%	
	Cool Kids*	Yes						
	Coping Cat [*]	Yes						
	Coping Cat/Koala book-based model [*]	Yes						
	Coping Koala*	Yes						
	Other Cognitive Behavioral Therapy (CBT) for anxious children*	Varies*						
	Parent Cognitive Behavioral Therapy (CBT) for anxious young children	Varies*	۲	۲	99%	Heterogeneity	26%	
	Theraplay	Yes	Р	Р		No rigorous evaluation measuring outcome of interest		
	Attention Deficit Hyperactivity Disorder							
	Behavioral Parent Training (BPT) for children with ADHD		۲	۲	89%	Heterogeneity	10%	
	Barkley Model*	Yes						
	New Forest Parenting Programme*	Yes						
	Cognitive Behavioral Therapy (CBT) for children with ADHD		0	0	8%	Weight of evidence	24%	
	ENCOMPASS for ADHD	Yes	Р	Р		No rigorous evaluation measuring outcome of interest		
	Multimodal Therapy (MMT) for children with ADHD	Varies*	۲	۲	33%	Benefit-cost	37%	
	Depression							
	Cognitive Behavioral Therapy (CBT) for depressed adolescents	Varies*	۲	۲	38%	Benefit-cost/heterogeneity	26%	
÷	Coping with depression—Adolescents*	Yes						
eal	Treatment for Adolescents with Depression Study*	Yes						
Ē Ē	Other Cognitive Behavioral Therapy (CBT) for depressed adolescents*	Varies*						
Mental health	Cognitive Behavioral Therapy (CBT) for depressed children	Yes	•	۲	59%	Benefit-cost	38%	
Σe	Blues Program		-	0	410/	D ("	2004	
	(group CBT prevention program for high school students at risk for depression)	Yes	•	۲	41%	Benefit-cost	38%	
	Disruptive Behavior (Oppositional Defiant Disorder or Conduct Disorder)							
	Behavioral Parent Training (BPT) for children with disruptive behavior disorders	Varies*						
	Helping the Noncompliant Child	Yes	۲	۲	66%	Benefit-cost/heterogeneity	31%	
	Incredible Years: Parent training	Yes	•	۲	54%	Benefit-cost	52%	
	Incredible Years: Parent training + child training	Yes	•	۲	13%	Benefit-cost/heterogeneity	22%	
	Parent Child Interaction Therapy (PCIT) for children with disruptive behavior problems	Yes	•	•	79%		47%	
	Parent Management Training—Oregon Model (treatment population)	Yes	•	•	83%		34%	
	Triple-P Positive Parenting Program: Level 4, Group	Yes	•	•	100%		80%	
	Triple-P Positive Parenting Program: Level 4, Individual	Yes	•	•	86%		36%	
	Other Behavioral Parent Training (BPT) for children with disruptive behavior disorders	Varies*	۲	۲	89%	Heterogeneity	NR	
	Brief Strategic Family Therapy (BSFT)	Yes	•	۲	46%	Benefit-cost	100%	
	Choice Theory/Reality Therapy	Yes	Р	Р		No rigorous evaluation measuring outcome of interest		
	Families and Schools Together (FAST)	Yes	•	۲	49%	Benefit-cost	53%	
	Kids Club and Moms Empowerment support groups	Yes	Р	Р		No rigorous evaluation measuring outcome of interest		
	Multimodal Therapy (MMT) for children with disruptive behavior	Varies*	Р	Р	49%	Weight of evidence	7%	
	Stop Now and Plan (SNAP)	Yes	۲	۲	4%	Benefit-cost	77%	

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[#]This program is a special analysis for the purpose of this inventory and does not have a program-specific webpage on WSIPP's website.

The classifications in this document are current as of June 2016.

For the most up-to-date results, please visit the program's page on our website http://www.wsipp.wa.gov/BenefitCost

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	Fetal Alcohol Syndrome	Revis	ed January 1	3, 2017 for te	chnical corre	ctions	
	Families Moving Forward	Yes	Р	Р		No rigorous evaluation measuring outcome of interest	
	Serious Emotional Disturbance						
	Multisystemic Therapy (MST) for youth with serious emotional disturbance (SED)	Yes	۲	۲	61%	Benefit-cost	59%
	Full Fidelity Wraparound for Youth with serious emotional disturbance (SED)	Yes	۲	۲		Benefits & costs cannot be estimated at this time	61%
	Intensive Family Preservation (HOMEBUILDERS $\ensuremath{\mathbb{R}}$) for youth with serious emotional disturbance (SED)	Yes	۲	۲		Single evaluation	94%
(continued)	Trauma						
tin	ADOPTS (therapy to address distress of post traumatic stress in adoptive children)	Yes	Р	Р		No rigorous evaluation measuring outcome of interest	
lo	Child-Parent Psychotherapy	Yes	۲	۲		Single evaluation	9%
9	Cognitive Behavioral Therapy (CBT)-based models for child trauma	Varies*	•	•	100%		82%
Mental health	Classroom-based intervention for war-exposed children*	Yes					
h	Cognitive Behavioral Intervention for Trauma in Schools*	Yes					
Ital	Enhancing Resiliency Among Students Experiencing Stress (ERASE-Stress)*	Yes					
ler	KID-NET Narrative Exposure Therapy for children*	Yes					
2	Trauma Focused CBT for children*	Yes					
	Trauma Grief Component Therapy*	Yes					
	Other Cognitive Behavioral Therapy (CBT)-based models for child trauma*	Varies*					
	Eye Movement Desensitization and Reprocessing (EMDR) for child trauma	Yes	•	•	81%		40%
	Take 5: Trauma Affects Kids Everywhere—Five Ways to Promote Resilience	Yes	Р	Р		No rigorous evaluation measuring outcome of interest	
	Treatment Organizational Approaches						
	Modularized Approaches to Treatment of Anxiety, Depression and Behavior (MATCH)	Yes	۲	۲		Single evaluation	65%

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	Child FIRST	Yes	۲	۲		Single evaluation	94%
	Communities That Care	Yes	•	•	80%		33%
	Coping and Support Training	Yes	Р	Р		No rigorous evaluation measuring outcome of interest	49%
	Familias Unidas	Yes	۲	۲	42%	Benefit-cost	100%
	Fast Track prevention program	Yes	۲	۲	0%	Benefit-cost	53%
	Good Behavior Game	Yes	•	۲	71%	Benefit-cost	56%
	Guiding Good Choices (formerly Preparing for the Drug Free Years)	Yes	۲	۲	56%	Benefit-cost	46%
	Mentoring for students: community-based (taxpayer costs only)	Varies*	•	۲	72%	Benefit-cost	78%
	Big Brothers Big Sisters*	Yes					57%
_	Other Mentoring Programs*	Varies*					92%
tion	4Results Mentoring	Yes	Р	Р		No rigorous evaluation measuring outcome of interest	
General prevention	New Beginnings for children of divorce	Yes	۲	۲		Single evaluation	11%
rey	Nurturing Fathers	Yes	Р	Р		No rigorous evaluation measuring outcome of interest	
d	Positive Action	Yes	•	•	88%		63%
era	Promoting Alternative Thinking Strategies (PATHS)	Yes	Р	Р	63%	Weight of evidence	49%
Ger	PROSPER	Yes	۲	۲	55%	Benefit-cost/heterogeneity	15%
0	Pyramid Model	Yes	Р	Р		No rigorous evaluation measuring outcome of interest	
	Quantum Opportunities Program	Yes	•	۲	61%	Benefit-cost	90%
	Raising Healthy Children	Yes	Р	Р		Single evaluation	18%
	Reconnecting Youth	Yes	0	0	0%	Weight of evidence	92%
	Seattle Social Development Project	Yes	۲	۲		Single evaluation	35%
	Strengthening Multi-Ethnic Families and Communities	Yes	Р	Р		No rigorous evaluation measuring outcome of interest	
	Strengthening Families for Parents and Youth 10-14	Yes	۲	۲	71%	Benefit-cost/heterogeneity	21%
	Strong African American Families	Yes	۲	۲		Single evaluation	100%
	Strong African American Families—Teen	Yes	۲	۲		Single evaluation	100%
	Youth and Family Link	No	Р	Р		No rigorous evaluation measuring outcome of interest	

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	Prevention						
	Alcohol Literacy Challenge for high school students	Yes	Р	Р		Single evaluation	33%
	Athletes Training and Learning to Avoid Steroids (ATLAS)	Yes	Р	Р		Weight of evidence	22%
	Brief intervention for youth in medical settings	Yes	۲	۲	49%	Benefit-cost	65%
	Compliance checks for alcohol	Varies*	۲	۲		Single evaluation	25%
	Compliance checks for tobacco	Varies*	Р	Р		Single evaluation	28%
	Family Matters	Yes	۲	۲	74%	Heterogeneity	22%
	Keepin' it Real	Yes	Р	Р	62%	Weight of evidence	83%
	Life Skills Training	Yes	•	۲	66%	Benefit-cost	38%
	Lions Quest Skills for Adolescence	Yes	۲	۲	65%	Benefit-cost	74%
	Multicomponent environmental interventions to prevent youth alcohol use	Varies*	Р	Р	27%	Weight of evidence	19%
	Multicomponent environmental interventions to prevent youth tobacco use	Varies*	۲	۲	86%	Heterogeneity	21%
	Project ALERT	Yes	•	۲	64%	Benefit-cost/heterogeneity	12%
	Project Northland	Yes	•	۲	74%	Benefit-cost	36%
Substance abuse	Project STAR	Yes	•	۲	73%	Benefit-cost/heterogeneity	5%
abu	Project SUCCESS	Yes	0	0	41%	Weight of evidence	38%
e	Project Toward No Drug Abuse	Yes	•	۲	57%	Benefit-cost	70%
tan	Protecting You/Protecting Me	Yes	Р	Р		Weight of evidence	92%
.sq	SPORT	Yes	۲	۲		Single evaluation	49%
Su	STARS (Start Taking Alcohol Risks Seriously) for Families	Yes	Р	Р		Single evaluation	66%
	Teen Intervene	Yes	•	۲	96%	Heterogeneity	29%
	Treatment						
	Adolescent Assertive Continuing Care	Yes	۲	۲	37%	Benefit-cost/heterogeneity	26%
	Adolescent Community Reinforcement Approach	Yes	۲	۲		Single evaluation	59%
	Dialectical Behavior Therapy for substance abuse: Integrated Treatment Model	Yes	Р	Р		No rigorous evaluation measuring outcome of interest	
	Functional Family Therapy for substance-abusing adolescents (FFT-SA)	Yes	۲	۲		Mixed results	74%
	Matrix Model substance abuse treatment for adolescents	Yes	Р	Р		No rigorous evaluation measuring outcome of interest	
	MET/CBT-5 for youth marijuana use	Yes	۲	۲		Single evaluation	33%
	Multidimensional Family Therapy for substance abusing youth	Yes	۲	۲	12%	Benefit-cost	100%
	Multisystemic Therapy (MST) for substance-abusing juvenile offenders	Yes	•	۲	54%	Benefit-cost	63%
	Recovery Support Services	Yes	Р	Р		No rigorous evaluation measuring outcome of interest	
	Seven Challenges	Yes	Р	Р		No rigorous evaluation measuring outcome of interest	
	Teen Marijuana Check-Up	Yes	•	•	100%		39%
	Therapeutic communities for substance abusers	Varies*	•	•	76%		58%

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Definitions and Notes:

Current Law Definitions:

Evidence-based:	A program or practice that has had multiple site random controlled trials across heterogeneous populations demonstrating that the program or practice is effective for the population.
Research-based:	A program or practice that has some research demonstrating effectiveness, but that does not yet meet the standard of evidence-based practices.
Promising practice:	A practice that presents, based upon preliminary information, potential for becoming a research-based or consensus-based practice.

Suggested Definitions:

- Evidence-based: A program or practice that has been tested in heterogeneous or intended populations with multiple randomized and/or statistically-controlled evaluations, or one large multiple-site randomized and/or statistically-controlled evaluation, where the weight of the evidence from a systematic review demonstrates sustained improvements in at least one of the following outcomes: child abuse, neglect, or the need for out of home placement; crime; children's mental health; education; or employment. Further, "evidence-based" means a program or practice that can be implemented with a set of procedures to allow successful replication in Washington and, when possible, has been determined to be cost-beneficial.
- <u>Research-based</u>: A program or practice that has been tested with a single randomized and/or statistically-controlled evaluation demonstrating sustained desirable outcomes; or where the weight of the evidence from a systematic review supports sustained outcomes as identified in the term "evidence-based" in RCW (the above definition) but does not meet the full criteria for "evidence-based."
- Promising practice: A program or practice that, based on statistical analyses or a well-established theory of change, shows potential for meeting the "evidence-based" or "research-based" criteria, which could include the use of a program that is evidence-based for outcomes other than the alternative use.
- <u>Cost-beneficial</u>: A program or practice where the monetary benefits exceed costs with a high degree of probability according to the Washington State Institute for Public Policy.

Reasons Programs May Not Meet Suggested Evidence-Based Criteria:

Benefit-cost: The proposed definition of evidence-based practices requires that, when possible, a benefit-cost analysis be conducted. We use WSIPP's benefit-cost model to determine whether a program meets this criterion. Programs that do not have at least a 75% chance of a positive net present value do not meet the benefit-cost test. The WSIPP model uses Monte Carlo simulation to test the probability that benefits exceed costs. The 75% standard was deemed an appropriate measure of risk aversion.

Heterogeneity: To be designated as evidence-based, the state statute requires that a program has been tested on a "heterogeneous" population. We operationalize heterogeneity in two ways. First, the proportion of program participants belonging to ethnic/racial minority groups must be greater than or equal to the proportion of minority children aged 0 to 17 in Washington. From the 2010 Census, for children aged 0 through 17 in Washington, 68% were white and 32% were minorities. Thus, if the weighted average of program participants in the outcome evaluations of the program is at least 32% ethnic/racial minority, then the program is considered to have been tested in a heterogeneous population.

Second, the heterogeneity criterion can also be achieved if at least one of the studies has been conducted on youth in Washington and a subgroup analysis demonstrates the program is effective for minorities (p < 0.20). Programs passing the second test are marked with a ^.

Programs whose evaluations do not meet either of these two criteria do not meet the heterogeneity definition.

Single evaluation: The program does not meet the minimum standard of multiple evaluations or one large multiple-site evaluation contained in the current or proposed definitions.

Weight of evidence: To meet the evidence-based definition, results from a random effects meta-analysis (p-value < 0.20) of multiple evaluations or one large multiple-site evaluation must indicate the practice achieves the desired outcome(s). To meet the research-based definition, one single-site evaluation must indicate the practice achieves the desired outcomes (p-value < 0.20).

* Varies: This is a general program/intervention classification. Some programs within this classification have manuals and some do not. The results listed on the inventory represent a typical, or average, implementation. Additional research will need to be completed in order to establish the most effective sets of procedures within this general category.

For questions about evidence-based & research-based programs contact Marna Miller at marna.miiller@wsipp.wa.gov. For questions about promising practices or technical assistance contact Jessica Leith at jmleith@uw.edu. E2SHB2536-7i