

Washington State Institute for Public Policy

Benefit-Cost Results

The WSIPP benefit-cost analysis examines, on an apples-to-apples basis, the monetary value of programs or policies to determine whether the benefits from the program exceed its costs. WSIPP's research approach to identifying evidence-based programs and policies has three main steps. First, we determine "what works" (and what does not work) to improve outcomes using a statistical technique called meta-analysis. Second, we calculate whether the benefits of a program exceed its costs. Third, we estimate the risk of investing in a program by testing the sensitivity of our results. For more detail on our methods, see our [Technical Documentation](#).

Current estimates replace old estimates. Numbers will change over time as a result of model inputs and monetization methods.

Juvenile Justice

| Program name | Date of last literature review | Total benefits | Taxpayer benefits | Non-taxpayer benefits | Costs | Benefits minus costs (net present value) | Benefit to cost ratio | Chance benefits will exceed costs |
|--|--------------------------------|----------------|-------------------|-----------------------|------------|--|-----------------------|-----------------------------------|
| Boot camps | Oct. 2016 | \$34,658 | \$2,875 | \$31,782 | \$42,857 | \$77,515 | n/a | 100 % |
| Dialectical Behavior Therapy (DBT) for youth in the juvenile justice system | Jun. 2017 | \$59,838 | \$12,442 | \$47,396 | (\$2,149) | \$57,688 | \$27.84 | 93 % |
| Functional Family Therapy (FFT) for youth in state institutions | Jul. 2017 | \$40,206 | \$8,539 | \$31,667 | (\$3,469) | \$36,737 | \$11.59 | 96 % |
| Education and Employment Training (EET, King County) | Dec. 2015 | \$36,180 | \$9,023 | \$27,157 | (\$865) | \$35,316 | \$41.84 | 100 % |
| Functional Family Therapy (FFT) for youth on probation | Jul. 2017 | \$28,951 | \$7,240 | \$21,711 | (\$3,467) | \$25,484 | \$8.35 | 96 % |
| Parenting with Love and Limits | Jun. 2017 | \$24,950 | \$6,385 | \$18,565 | (\$2,795) | \$22,154 | \$8.93 | 94 % |
| Functional Family Parole | Jun. 2017 | \$22,095 | \$5,041 | \$17,054 | (\$3,470) | \$18,626 | \$6.37 | 76 % |
| Cognitive behavioral therapy (CBT) | Dec. 2014 | \$15,116 | \$3,707 | \$11,410 | (\$395) | \$14,722 | \$38.30 | 95 % |
| Multisystemic Therapy (MST) for juveniles convicted of sex offenses | Aug. 2017 | \$21,644 | \$5,408 | \$16,236 | (\$8,902) | \$12,742 | \$2.43 | 72 % |
| Wilderness experience programs | Sep. 2015 | \$18,637 | \$5,975 | \$12,662 | (\$6,457) | \$12,181 | \$2.89 | 96 % |
| Other family-based therapies (non-name brand) | Sep. 2015 | \$13,545 | \$3,315 | \$10,230 | (\$1,814) | \$11,730 | \$7.47 | 93 % |
| Adolescent Diversion Project | Jul. 2015 | \$9,164 | \$2,284 | \$6,881 | \$964 | \$10,129 | n/a | 97 % |
| Mentoring | Jun. 2014 | \$12,897 | \$4,045 | \$8,852 | (\$3,296) | \$9,601 | \$3.91 | 82 % |
| Coordination of Services | Sep. 2015 | \$9,962 | \$2,780 | \$7,182 | (\$419) | \$9,543 | \$23.76 | 96 % |
| Multidimensional Treatment Foster Care | Jul. 2017 | \$19,951 | \$4,999 | \$14,952 | (\$10,766) | \$9,185 | \$1.85 | 70 % |
| Diversion, no services (vs. traditional juvenile court processing) | Jul. 2015 | \$7,263 | \$1,796 | \$5,467 | \$1,081 | \$8,344 | n/a | 98 % |
| Therapeutic communities for juveniles with substance use disorder | Aug. 2017 | \$12,690 | \$3,135 | \$9,555 | (\$4,720) | \$7,969 | \$2.69 | 74 % |
| Teaching-Family Model | Jun. 2015 | \$30,139 | \$8,122 | \$22,016 | (\$22,363) | \$7,776 | \$1.35 | 59 % |
| Intensive supervision (parole) | Sep. 2015 | \$9,023 | \$2,133 | \$6,890 | (\$2,156) | \$6,867 | \$4.18 | 76 % |
| Aggression Replacement Training (ART) for youth in state institutions | Jun. 2017 | \$6,470 | \$1,482 | \$4,987 | (\$1,604) | \$4,865 | \$4.03 | 65 % |
| Multisystemic Therapy (MST) | Aug. 2017 | \$12,655 | \$3,434 | \$9,220 | (\$7,830) | \$4,824 | \$1.62 | 73 % |
| Vocational and employment training | Jun. 2017 | \$5,838 | \$2,989 | \$2,850 | (\$1,966) | \$3,872 | \$2.97 | 53 % |
| Multisystemic Therapy (MST) for juveniles with substance use disorder | Aug. 2017 | \$11,381 | \$3,612 | \$7,769 | (\$7,826) | \$3,555 | \$1.45 | 51 % |
| Aggression Replacement Training (ART) for youth on probation | Jun. 2017 | \$4,958 | \$1,353 | \$3,604 | (\$1,604) | \$3,353 | \$3.09 | 64 % |
| Victim offender mediation | Apr. 2012 | \$3,717 | \$1,136 | \$2,581 | (\$615) | \$3,102 | \$6.04 | 77 % |
| Diversion with services (vs. traditional juvenile court processing) | Jul. 2015 | \$2,393 | \$563 | \$1,830 | \$573 | \$2,966 | n/a | 94 % |
| Diversion with services (vs. simple release) | Jul. 2015 | (\$260) | \$47 | (\$308) | (\$865) | (\$1,126) | (\$0.30) | 39 % |
| Drug court | Jul. 2014 | \$1,247 | \$815 | \$432 | (\$3,266) | (\$2,019) | \$0.38 | 43 % |
| Other substance use disorder treatment for juveniles (non-therapeutic communities) | Aug. 2017 | (\$798) | \$177 | (\$975) | (\$2,352) | (\$3,150) | (\$0.34) | 42 % |
| Family Integrated Transitions for youth in state institutions | Dec. 2014 | \$6,524 | \$2,548 | \$3,976 | (\$11,946) | (\$5,422) | \$0.55 | 41 % |
| Intensive supervision (probation) | Sep. 2015 | (\$5,800) | (\$878) | (\$4,922) | (\$4,408) | (\$10,208) | (\$1.32) | 0 % |

| Program name | Date of last literature review | Total benefits | Taxpayer benefits | Non-taxpayer benefits | Costs | Benefits minus costs (net present value) | Benefit to cost ratio | Chance benefits will exceed costs |
|---|--------------------------------|----------------|-------------------|-----------------------|-----------|--|-----------------------|-----------------------------------|
| Scared Straight | May. 2015 | (\$10,759) | (\$2,929) | (\$7,830) | (\$106) | (\$10,865) | (\$101.25) | 2 % |
| Treatment for juveniles convicted of sex offenses (non-MST) | Aug. 2017 | (\$24,271) | (\$4,154) | (\$20,117) | (\$9,366) | (\$33,637) | (\$2.59) | 18 % |

Other Juvenile Justice topics reviewed:

| Program name | Date of last literature review | Notes |
|---|--------------------------------|---|
| Other group home programs (non-name brand) | Jun. 2015 | Click for meta-analytic results |
| Team Child | Mar. 2017 | Click for meta-analytic results |
| Connections Wraparound | Jan. 2013 | No rigorous evaluation measuring outcome of interest. |
| Dialectical behavior therapy (DBT) for substance use disorder: Integrated Treatment Model | Jun. 2017 | No rigorous evaluation measuring outcome of interest. |
| Electronic monitoring | Sep. 2015 | No rigorous evaluation measuring outcome of interest. |
| Group homes (Boys Town) | Sep. 2015 | No rigorous evaluation measuring outcome of interest. |
| Group homes (Sanctuary Model) | Jun. 2015 | No rigorous evaluation measuring outcome of interest. |
| Group homes (Stop-Gap model) | Jun. 2015 | No rigorous evaluation measuring outcome of interest. |
| Juvenile Detention Alternatives Initiative | Jan. 2014 | No rigorous evaluation measuring outcome of interest. |
| Step Up | May. 2015 | No rigorous evaluation measuring outcome of interest. |
| You Are Not Your Past | Jan. 2013 | No rigorous evaluation measuring outcome of interest. |
| Teen Courts | Oct. 2006 | See previous WSIPP publication for past findings. |

Adult Criminal Justice

| Program name | Date of last literature review | Total benefits | Taxpayer benefits | Non-taxpayer benefits | Costs | Benefits minus costs (net present value) | Benefit to cost ratio | Chance benefits will exceed costs |
|---|--------------------------------|----------------|-------------------|-----------------------|------------|--|-----------------------|-----------------------------------|
| Offender Reentry Community Safety Program (for individuals with serious mental illness) | Apr. 2012 | \$69,737 | \$23,841 | \$45,896 | (\$36,719) | \$33,017 | \$1.90 | 97 % |
| Circles of Support and Accountability | Nov. 2016 | \$28,465 | \$6,921 | \$21,544 | (\$3,909) | \$24,557 | \$7.28 | 93 % |
| Correctional education (post-secondary education) | Jul. 2016 | \$24,693 | \$6,729 | \$17,963 | (\$1,249) | \$23,444 | \$19.77 | 100 % |
| Employment counseling and job training (transitional reentry from incarceration into the community) | Aug. 2016 | \$23,985 | \$6,704 | \$17,282 | (\$2,433) | \$21,552 | \$9.86 | 97 % |
| Drug Offender Sentencing Alternative (for persons convicted of drug offenses) | Nov. 2016 | \$22,720 | \$6,758 | \$15,962 | (\$1,628) | \$21,091 | \$13.95 | 99 % |
| Vocational education in prison | Jul. 2016 | \$17,894 | \$4,951 | \$12,944 | (\$1,494) | \$16,400 | \$11.98 | 97 % |
| Case management ("swift, certain, and fair") for drug-involved persons | Nov. 2016 | \$15,041 | \$4,371 | \$10,670 | \$381 | \$15,422 | n/a | 100 % |
| Electronic monitoring (probation) | Dec. 2014 | \$13,897 | \$3,931 | \$9,967 | \$1,138 | \$15,035 | n/a | 93 % |
| Mental health courts | Oct. 2016 | \$17,451 | \$5,050 | \$12,401 | (\$3,104) | \$14,347 | \$5.62 | 96 % |
| Intensive supervision (surveillance and treatment) | Dec. 2016 | \$13,170 | \$3,883 | \$9,286 | (\$813) | \$12,357 | \$16.21 | 100 % |
| Reentry courts | Aug. 2016 | \$17,055 | \$5,189 | \$11,867 | (\$4,920) | \$12,136 | \$3.47 | 95 % |
| Inpatient or intensive outpatient drug treatment during incarceration | Nov. 2016 | \$13,120 | \$3,660 | \$9,460 | (\$1,289) | \$11,832 | \$10.18 | 98 % |
| Therapeutic communities (in the community) for individuals with co-occurring disorders | Nov. 2016 | \$16,487 | \$4,884 | \$11,603 | (\$5,090) | \$11,397 | \$3.24 | 86 % |
| Drug Offender Sentencing Alternative (for persons convicted of property offenses) | Nov. 2016 | \$12,558 | \$3,832 | \$8,725 | (\$1,627) | \$10,931 | \$7.72 | 71 % |
| Correctional education (basic skills) | Jul. 2016 | \$12,092 | \$3,380 | \$8,712 | (\$1,249) | \$10,843 | \$9.68 | 97 % |
| Outpatient or non-intensive drug treatment during incarceration | Nov. 2016 | \$10,553 | \$2,906 | \$7,647 | (\$749) | \$9,804 | \$14.10 | 99 % |
| Outpatient or non-intensive drug treatment in the community | Nov. 2016 | \$10,345 | \$3,086 | \$7,259 | (\$768) | \$9,576 | \$13.47 | 100 % |
| Electronic monitoring (parole) | Dec. 2014 | \$8,214 | \$2,035 | \$6,179 | \$1,138 | \$9,352 | n/a | 100 % |
| "Swift, certain, and fair" supervision | Jan. 2017 | \$9,161 | \$2,544 | \$6,617 | \$68 | \$9,229 | n/a | 87 % |
| Drug courts | Aug. 2016 | \$13,915 | \$4,877 | \$9,038 | (\$4,922) | \$8,993 | \$2.83 | 100 % |
| Therapeutic communities (during incarceration) for individuals with substance use disorders | Nov. 2016 | \$11,072 | \$2,962 | \$8,110 | (\$2,199) | \$8,873 | \$5.03 | 96 % |
| Serious and Violent Offender Reentry Initiative (SVORI) | Aug. 2016 | \$22,868 | \$8,149 | \$14,719 | (\$14,543) | \$8,325 | \$1.57 | 90 % |
| Risk Need and Responsivity supervision (for individuals classified as high- and moderate-risk) | Dec. 2016 | \$9,534 | \$2,932 | \$6,602 | (\$1,372) | \$8,161 | \$6.95 | 98 % |
| Cognitive behavioral therapy (CBT) (for individuals classified as high- or moderate-risk) | Dec. 2016 | \$8,818 | \$2,726 | \$6,092 | (\$1,394) | \$7,424 | \$6.33 | 100 % |
| Correctional industries in prison | Jul. 2016 | \$6,208 | \$1,714 | \$4,494 | (\$485) | \$5,723 | \$12.80 | 100 % |
| Therapeutic communities (in the community) for individuals with substance use disorders | Nov. 2016 | \$9,497 | \$3,043 | \$6,453 | (\$3,783) | \$5,714 | \$2.51 | 79 % |
| Housing assistance without services | Aug. 2016 | \$7,595 | \$2,467 | \$5,128 | (\$2,002) | \$5,593 | \$3.79 | 92 % |
| Case management (not "swift, certain, and fair") for drug-involved persons | Nov. 2016 | \$5,634 | \$1,508 | \$4,126 | (\$385) | \$5,249 | \$14.63 | 85 % |
| Work release | Jul. 2016 | \$4,255 | \$1,064 | \$3,191 | \$503 | \$4,759 | n/a | 99 % |
| Police diversion for low-severity offenses (pre-arrest) | Mar. 2017 | \$3,905 | \$1,111 | \$2,794 | \$556 | \$4,460 | n/a | 86 % |
| Day reporting centers | Oct. 2016 | \$7,782 | \$2,811 | \$4,972 | (\$3,987) | \$3,796 | \$1.95 | 75 % |
| Employment counseling and job training in the community | Aug. 2016 | \$4,191 | \$1,485 | \$2,706 | (\$1,965) | \$2,226 | \$2.13 | 73 % |
| Treatment in the community for individuals convicted of sex offenses | Jan. 2017 | \$4,075 | \$1,199 | \$2,876 | (\$2,416) | \$1,659 | \$1.69 | 60 % |
| Treatment during incarceration for individuals convicted of sex offenses | Jan. 2017 | \$5,924 | \$1,791 | \$4,133 | (\$4,570) | \$1,354 | \$1.30 | 61 % |
| Restorative justice conferencing | Feb. 2017 | \$2,219 | \$850 | \$1,369 | (\$1,110) | \$1,109 | \$2.00 | 57 % |
| Intensive supervision (surveillance only) | Dec. 2016 | \$395 | \$130 | \$264 | (\$107) | \$287 | \$3.68 | 53 % |
| Jail diversion for individuals with mental illness (post-arrest) | Mar. 2017 | (\$814) | (\$422) | (\$392) | \$690 | (\$125) | n/a | 50 % |
| Employment counseling and job training with paid work experience in the community | Aug. 2016 | \$4,958 | \$2,194 | \$2,764 | (\$5,377) | (\$419) | \$0.92 | 46 % |
| Sex offender registration and community notification | Nov. 2016 | (\$1,807) | (\$369) | (\$1,438) | (\$350) | (\$2,157) | (\$5.16) | 33 % |
| Inpatient or intensive outpatient drug treatment in the community | Nov. 2016 | (\$1,346) | (\$124) | (\$1,222) | (\$889) | (\$2,235) | (\$1.51) | 33 % |
| Life skills education | Dec. 2016 | (\$1,742) | (\$311) | (\$1,431) | (\$1,147) | (\$2,889) | (\$1.52) | 34 % |
| Driving Under the Influence (DUI) courts | Aug. 2016 | \$4,429 | \$2,562 | \$1,867 | (\$7,837) | (\$3,408) | \$0.57 | 19 % |

| | | | | | | | | |
|--|-----------|------------|-----------|------------|------------|------------|----------|-------|
| Domestic violence perpetrator treatment (Duluth-based model) | Aug. 2014 | (\$2,051) | (\$382) | (\$1,669) | (\$1,449) | (\$3,500) | (\$1.42) | 24 % |
| Violence reduction treatment | Dec. 2016 | (\$528) | \$539 | (\$1,068) | (\$5,080) | (\$5,608) | (\$0.10) | 29 % |
| Housing assistance with services | Aug. 2016 | \$1,113 | \$1,981 | (\$868) | (\$11,555) | (\$10,442) | \$0.10 | 3 % |
| Community-based correctional facilities (halfway houses) | Aug. 2016 | (\$5,994) | (\$480) | (\$5,513) | (\$8,379) | (\$14,372) | (\$0.72) | 0 % |
| Police diversion for individuals with mental illness (pre-arrest) | Mar. 2017 | (\$13,929) | (\$2,000) | (\$11,929) | (\$4,767) | (\$18,696) | (\$2.92) | 1 % |
| Policy | | | | | | | | |
| For individuals classified as lower risk, decrease prison average daily population by 250, by lowering length of stay by 3 months | Oct. 2013 | (\$4,455) | (\$862) | (\$3,593) | \$5,887 | \$1,432 | n/a | 68 % |
| For individuals classified as moderate risk, decrease prison average daily population by 250, by lowering length of stay by 3 months | Oct. 2013 | (\$15,791) | (\$2,497) | (\$13,294) | \$5,888 | (\$9,903) | n/a | 8 % |
| For individuals classified as high risk, decrease prison average daily population by 250, by lowering length of stay by 3 months | Oct. 2013 | (\$43,462) | (\$5,834) | (\$37,628) | \$5,885 | (\$37,577) | n/a | 0 % |
| Police (results per-officer) | | | | | | | | |
| Deploy one additional police officer with hot spots strategies | Oct. 2013 | \$518,405 | \$66,942 | \$451,463 | (\$96,637) | \$421,768 | \$5.36 | 100 % |
| Deploy one additional police officer with statewide average practices | Oct. 2013 | \$445,980 | \$57,627 | \$388,353 | (\$92,152) | \$353,828 | \$4.84 | 100 % |

Other Adult Criminal Justice topics reviewed:

| Program name | Date of last literature review | Notes |
|--|--------------------------------|---|
| Civil legal aid | Mar. 2017 | Click for meta-analytic results |
| Day fines | Feb. 2017 | Click for meta-analytic results |
| Deferred prosecution of DUI offenses | Mar. 2017 | Click for meta-analytic results |
| Dialectical behavior therapy | Sep. 2015 | Click for meta-analytic results |
| Domestic violence perpetrator treatment (Non-Duluth models) | Aug. 2014 | Click for meta-analytic results |
| Ignition interlock devices for alcohol-related offenses | Mar. 2014 | Click for meta-analytic results |
| Legal financial obligation repayment interventions | Jan. 2017 | Click for meta-analytic results |
| Parenting programs (for incarcerated parents) | Aug. 2016 | Click for meta-analytic results |
| Revocation reduction programs | Mar. 2017 | Click for meta-analytic results |
| Therapeutic communities for individuals with personality disorders | Dec. 2016 | Click for meta-analytic results |
| Banning criminal record check boxes in hiring | Nov. 2016 | No rigorous evaluation measuring outcome of interest. |
| Cautioning for cannabis offenses | Mar. 2017 | No rigorous evaluation measuring outcome of interest. |
| Child support barriers | Mar. 2017 | No rigorous evaluation measuring outcome of interest. |
| Mentoring programs | Mar. 2017 | No rigorous evaluation measuring outcome of interest. |
| Pretrial detention | Feb. 2017 | No rigorous evaluation measuring outcome of interest. |
| Project Sentry | Mar. 2017 | No rigorous evaluation measuring outcome of interest. |
| State ID provision | Mar. 2017 | No rigorous evaluation measuring outcome of interest. |
| Veteran's courts | Jul. 2016 | No rigorous evaluation measuring outcome of interest. |
| Adult boot camps | Oct. 2006 | See previous WSIPP publication for past findings. |

Child Welfare

| Program name | Date of last literature review | Total benefits | Taxpayer benefits | Non-taxpayer benefits | Costs | Benefits minus costs (net present value) | Benefit to cost ratio | Chance benefits will exceed costs |
|--|--------------------------------|----------------|-------------------|-----------------------|-----------|--|-----------------------|-----------------------------------|
| Parent Child Interaction Therapy (PCIT) for families in the child welfare system | Aug. 2017 | \$24,636 | \$9,140 | \$15,496 | (\$1,642) | \$22,994 | \$15.00 | 95 % |
| Intensive Family Preservation Services (HOMEBUILDERS®) | Aug. 2017 | \$16,496 | \$9,524 | \$6,971 | (\$3,491) | \$13,005 | \$4.73 | 96 % |
| Subsidized guardianship (Title IV-E waivers) | Aug. 2017 | \$5,472 | \$1,187 | \$4,285 | \$3,620 | \$9,092 | n/a | 99 % |
| SafeCare | Aug. 2017 | \$3,748 | \$1,425 | \$2,322 | (\$185) | \$3,563 | \$20.25 | 92 % |
| Alternative Response | Aug. 2017 | \$3,285 | \$983 | \$2,302 | (\$244) | \$3,042 | \$13.49 | 89 % |
| Flexible funding (Title IV-E waivers) | Apr. 2012 | \$1,219 | \$392 | \$828 | \$0 | \$1,219 | n/a | 90 % |
| Other Family Preservation Services (non-HOMEBUILDERS®) | Aug. 2017 | (\$4,469) | (\$956) | (\$3,513) | (\$3,202) | (\$7,671) | (\$1.40) | 0 % |
| Family dependency treatment court | Aug. 2017 | (\$6,104) | (\$1,310) | (\$4,794) | (\$5,499) | (\$11,604) | (\$1.11) | 7 % |
| Youth Villages LifeSet | Jun. 2016 | (\$3,423) | \$678 | (\$4,101) | (\$9,802) | (\$13,225) | (\$0.35) | 20 % |

Other Child Welfare topics reviewed:

| Program name | Date of last literature review | Notes |
|---|--------------------------------|---|
| Attachment and Biobehavioral Catch-Up | Nov. 2017 | Click for meta-analytic results |
| Family Team Decision-Making | Aug. 2017 | Click for meta-analytic results |
| Fostering Healthy Futures | Aug. 2017 | Click for meta-analytic results |
| Functional Family Therapy-Child Welfare (FFT-CW) | Sep. 2017 | Click for meta-analytic results |
| Locating family connections for children in foster care | Aug. 2017 | Click for meta-analytic results |
| Multisystemic Therapy (MST) for child abuse and neglect | Aug. 2017 | Click for meta-analytic results |
| Project KEEP | Aug. 2017 | Click for meta-analytic results |
| Structured Decision Making Risk Assessment | Aug. 2017 | Click for meta-analytic results |
| Alternatives for Families (AF-CBT) | May. 2015 | No rigorous evaluation measuring outcome of interest. |
| Circle of Security | Aug. 2017 | No rigorous evaluation measuring outcome of interest. |
| Including Fathers—Father Engagement Program | Aug. 2017 | No rigorous evaluation measuring outcome of interest. |
| Kaleidoscope Play and Learn | Aug. 2017 | No rigorous evaluation measuring outcome of interest. |
| Parent Mentor Program | Aug. 2017 | No rigorous evaluation measuring outcome of interest. |
| Parents and Children Together (PACT) | Aug. 2017 | No rigorous evaluation measuring outcome of interest. |
| Parents for Parents | Aug. 2017 | No rigorous evaluation measuring outcome of interest. |
| Partners with Families and Children | Aug. 2017 | No rigorous evaluation measuring outcome of interest. |
| Pathway to Reunification | Aug. 2017 | No rigorous evaluation measuring outcome of interest. |
| Promoting First Relationships | Aug. 2017 | No rigorous evaluation measuring outcome of interest. |
| Safe Babies, Safe Moms | Aug. 2017 | No rigorous evaluation measuring outcome of interest. |

Pre-K to 12 Education

| Program name | Date of last literature review | Total benefits | Taxpayer benefits | Non-taxpayer benefits | Costs | Benefits minus costs (net present value) | Benefit to cost ratio | Chance benefits will exceed costs |
|--|--------------------------------|----------------|-------------------|-----------------------|------------|--|-----------------------|-----------------------------------|
| State and district early childhood education programs | Dec. 2013 | \$41,657 | \$13,501 | \$28,156 | (\$7,259) | \$34,398 | \$5.74 | 90 % |
| Becoming a Man (BAM) with high-dosage tutoring | May. 2015 | \$35,735 | \$9,686 | \$26,049 | (\$4,532) | \$31,203 | \$7.89 | 72 % |
| Consultant teachers: Literacy Collaborative | Jun. 2014 | \$25,473 | \$6,515 | \$18,957 | (\$751) | \$24,721 | \$33.90 | 100 % |
| Head Start | Dec. 2013 | \$28,706 | \$9,371 | \$19,335 | (\$8,946) | \$19,760 | \$3.21 | 81 % |
| Double-dose classes | May. 2015 | \$16,196 | \$4,431 | \$11,766 | (\$493) | \$15,703 | \$32.86 | 98 % |
| Tutoring: By peers | Jul. 2014 | \$15,264 | \$3,872 | \$11,392 | (\$114) | \$15,149 | \$133.59 | 83 % |
| Case management in schools | Jun. 2014 | \$14,660 | \$4,315 | \$10,345 | (\$229) | \$14,431 | \$64.07 | 96 % |
| Summer book programs: Multi-year intervention | Jun. 2014 | \$13,921 | \$3,541 | \$10,380 | (\$218) | \$13,703 | \$63.90 | 70 % |
| Tutoring: By adults for English language learner students | Jul. 2014 | \$15,049 | \$4,041 | \$11,008 | (\$1,453) | \$13,595 | \$10.35 | 69 % |
| Teacher professional development: Use of data to guide instruction | Jun. 2014 | \$13,493 | \$3,423 | \$10,070 | (\$110) | \$13,383 | \$122.55 | 98 % |
| Tutoring: By certificated teachers, small-group, structured | Jun. 2014 | \$14,213 | \$3,773 | \$10,440 | (\$1,447) | \$12,767 | \$9.82 | 96 % |
| Consultant teachers: Online coaching | Jun. 2014 | \$12,288 | \$3,122 | \$9,166 | (\$198) | \$12,090 | \$61.94 | 92 % |
| Tutoring: By adults, one-on-one, structured | Jun. 2014 | \$13,866 | \$3,806 | \$10,061 | (\$2,359) | \$11,508 | \$5.88 | 94 % |
| Project Lead The Way (PLTW) | Sep. 2014 | \$13,104 | \$3,530 | \$9,574 | (\$1,795) | \$11,309 | \$7.30 | 82 % |
| Consultant teachers: Content-Focused Coaching | Jun. 2014 | \$10,161 | \$2,573 | \$7,588 | (\$59) | \$10,102 | \$173.17 | 94 % |
| Special literacy instruction for English language learner students | Jul. 2014 | \$10,049 | \$2,615 | \$7,434 | (\$301) | \$9,748 | \$33.42 | 80 % |
| Tutoring: By non-certificated adults, small-group, structured | Jun. 2014 | \$9,078 | \$2,364 | \$6,714 | (\$552) | \$8,525 | \$16.44 | 78 % |
| Teacher professional development: Targeted | Jun. 2014 | \$8,269 | \$2,121 | \$6,147 | (\$268) | \$8,001 | \$30.89 | 79 % |
| Consultant teachers: Coaching | Jun. 2014 | \$6,326 | \$1,632 | \$4,694 | (\$259) | \$6,067 | \$24.40 | 81 % |
| Teacher professional development: Induction/mentoring | Jun. 2014 | \$5,414 | \$1,376 | \$4,038 | (\$77) | \$5,337 | \$70.72 | 64 % |
| Per-pupil expenditures: 10% increase for one student cohort from kindergarten through grade 12 | Apr. 2012 | \$16,173 | \$4,708 | \$11,465 | (\$11,044) | \$5,129 | \$1.46 | 66 % |
| Out-of-school-time tutoring by adults | Jun. 2014 | \$6,046 | \$1,644 | \$4,402 | (\$945) | \$5,101 | \$6.40 | 93 % |
| Summer learning programs: Academically focused | Jun. 2014 | \$5,443 | \$1,521 | \$3,922 | (\$1,166) | \$4,277 | \$4.67 | 86 % |
| Supplemental computer-assisted instruction for struggling readers | Jun. 2016 | \$4,012 | \$1,085 | \$2,928 | (\$553) | \$3,460 | \$7.26 | 58 % |
| National Board for Professional Teaching Standards (NBPTS) certification bonuses | Apr. 2012 | \$3,549 | \$910 | \$2,639 | (\$112) | \$3,436 | \$31.61 | 100 % |
| Parents as tutors with teacher oversight | Jun. 2014 | \$4,166 | \$1,149 | \$3,017 | (\$818) | \$3,348 | \$5.09 | 56 % |
| Becoming a Man (BAM) | May. 2015 | \$4,746 | \$1,489 | \$3,257 | (\$2,023) | \$2,723 | \$2.35 | 76 % |
| Teacher performance pay programs | Oct. 2015 | \$2,379 | \$605 | \$1,774 | (\$36) | \$2,342 | \$65.55 | 88 % |
| Tutoring: By adults, one-on-one, non-structured | Jun. 2014 | \$3,685 | \$1,116 | \$2,569 | (\$1,468) | \$2,216 | \$2.51 | 71 % |
| Teacher professional development: Online, targeted | Jun. 2014 | \$2,290 | \$615 | \$1,675 | (\$300) | \$1,990 | \$7.64 | 61 % |
| Summer book programs: One-year intervention | Jun. 2014 | \$1,910 | \$494 | \$1,417 | (\$79) | \$1,831 | \$24.08 | 56 % |
| First Step to Success | May. 2015 | \$2,335 | \$640 | \$1,695 | (\$600) | \$1,735 | \$3.89 | 53 % |
| Class size: reducing average class size by one student in kindergarten | Jan. 2013 | \$1,837 | \$567 | \$1,270 | (\$210) | \$1,627 | \$8.74 | 98 % |
| Summer book programs: One-year intervention, with additional support | Jun. 2014 | \$963 | \$257 | \$706 | (\$118) | \$845 | \$8.19 | 57 % |
| Tutoring: Supplemental Educational Services (under Title I) | May. 2015 | \$2,436 | \$838 | \$1,598 | (\$1,692) | \$744 | \$1.44 | 58 % |
| Class size: reducing average class size by one student in grade 1 | Jan. 2013 | \$951 | \$309 | \$642 | (\$210) | \$741 | \$4.53 | 89 % |
| Daily Behavior Report Cards | May. 2015 | \$713 | \$192 | \$521 | (\$51) | \$662 | \$14.06 | 68 % |
| Class size: reducing average class size by one student in grade 2 | Jan. 2013 | \$598 | \$205 | \$393 | (\$210) | \$388 | \$2.85 | 67 % |
| Class size: reducing average class size by one student in grade 3 | Jan. 2013 | \$484 | \$170 | \$313 | (\$210) | \$273 | \$2.30 | 60 % |
| Class size: reducing average class size by one student in one grade, 4-6 | Jan. 2013 | \$346 | \$127 | \$219 | (\$190) | \$156 | \$1.82 | 54 % |
| Class size: reducing average class size by one student in one grade, 9-12 | Jan. 2013 | \$314 | \$111 | \$203 | (\$170) | \$144 | \$1.85 | 53 % |
| Class size: reducing average class size by one student in one grade, 7-8 | Jan. 2013 | \$305 | \$111 | \$194 | (\$172) | \$133 | \$1.77 | 53 % |
| Second Step | May. 2015 | \$69 | \$32 | \$37 | (\$121) | (\$51) | \$0.57 | 30 % |
| Teacher professional development: Not targeted | Jun. 2014 | (\$28) | \$4 | (\$32) | (\$89) | (\$117) | (\$0.32) | 35 % |
| Conjoint Behavioral Consultation | May. 2015 | (\$191) | \$41 | (\$232) | (\$716) | (\$907) | (\$0.27) | 1 % |

| | | | | | | | | |
|---|-----------|-----------|---------|-----------|------------|------------|------------|------|
| Full-day kindergarten | Dec. 2013 | \$378 | \$445 | (\$66) | (\$2,762) | (\$2,384) | \$0.14 | 37 % |
| Educator professional development: Use of data to guide instruction | Jun. 2014 | (\$3,195) | (\$803) | (\$2,392) | (\$18) | (\$3,213) | (\$174.30) | 31 % |
| "Check-in" behavior interventions | May. 2015 | (\$2,307) | (\$371) | (\$1,936) | (\$1,349) | (\$3,656) | (\$1.71) | 46 % |
| Even Start | Apr. 2012 | (\$4,959) | (\$716) | (\$4,243) | (\$4,324) | (\$9,283) | (\$1.15) | 31 % |
| Early Head Start | Apr. 2012 | (\$1,494) | \$2,176 | (\$3,670) | (\$11,123) | (\$12,617) | (\$0.13) | 25 % |

Other Pre-K to 12 Education topics reviewed:

| Program name | Date of last literature review | Notes |
|--|--------------------------------|---|
| Academic Vocabulary Instruction | Jun. 2016 | Click for meta-analytic results |
| Charter schools: Knowledge Is Power Program (KIPP) | Aug. 2013 | Click for meta-analytic results |
| Charter schools: non-urban charter schools | Aug. 2013 | Click for meta-analytic results |
| Charter schools: overall impact | Aug. 2013 | Click for meta-analytic results |
| Charter schools: urban charter schools | Aug. 2013 | Click for meta-analytic results |
| Model early childhood education programs | Dec. 2013 | Click for meta-analytic results |
| Pre-K and elementary bilingual instruction for English language learners | Jun. 2014 | Click for meta-analytic results |
| Principal quality | Aug. 2013 | Click for meta-analytic results |
| Teacher experience | Apr. 2012 | Click for meta-analytic results |
| Teacher graduate degrees | Apr. 2012 | Click for meta-analytic results |
| Teacher in-subject graduate degrees | Apr. 2012 | Click for meta-analytic results |
| Transition programs for incoming kindergarteners | Jun. 2016 | Click for meta-analytic results |
| ACCEPTS program | May. 2015 | No rigorous evaluation measuring outcome of interest. |
| Advancement Via Individual Determination (AVID) | Jul. 2013 | No rigorous evaluation measuring outcome of interest. |
| Connecting With Others program | May. 2015 | No rigorous evaluation measuring outcome of interest. |
| Credit retrieval | Jun. 2014 | No rigorous evaluation measuring outcome of interest. |
| High Schools That Work (HSTW) | Jul. 2013 | No rigorous evaluation measuring outcome of interest. |
| International Baccalaureate | Jul. 2013 | No rigorous evaluation measuring outcome of interest. |
| K-12 educator professional learning communities | Jul. 2013 | No rigorous evaluation measuring outcome of interest. |
| Lunch Buddy Program | May. 2015 | No rigorous evaluation measuring outcome of interest. |
| Make Your Day | May. 2015 | No rigorous evaluation measuring outcome of interest. |
| MicroSociety | Jul. 2013 | No rigorous evaluation measuring outcome of interest. |
| Montessori in K-12 | Jul. 2013 | No rigorous evaluation measuring outcome of interest. |
| Parent and family engagement coordinators | Jun. 2014 | No rigorous evaluation measuring outcome of interest. |
| Skillstreaming | May. 2015 | No rigorous evaluation measuring outcome of interest. |
| Team teaching/co-teaching | May. 2015 | No rigorous evaluation measuring outcome of interest. |
| Think Time | May. 2015 | No rigorous evaluation measuring outcome of interest. |
| K-12 teacher effectiveness | Dec. 2007 | See previous WSIPP publication for past findings. |

Children's Mental Health

| Program name | Date of last literature review | Total benefits | Taxpayer benefits | Non-taxpayer benefits | Costs | Benefits minus costs (net present value) | Benefit to cost ratio | Chance benefits will exceed costs |
|--|--------------------------------|----------------|-------------------|-----------------------|-----------|--|-----------------------|-----------------------------------|
| Anxiety | | | | | | | | |
| Remote cognitive behavioral therapy (CBT) for children with anxiety | Apr. 2012 | \$6,808 | \$2,017 | \$4,791 | \$791 | \$7,599 | n/a | 93 % |
| Acceptance and Commitment Therapy (ACT) for children with anxiety | Aug. 2017 | \$6,534 | \$1,998 | \$4,536 | \$367 | \$6,901 | n/a | 99 % |
| Group cognitive behavioral therapy (CBT) for children with anxiety | Apr. 2012 | \$6,194 | \$1,884 | \$4,310 | \$418 | \$6,612 | n/a | 100 % |
| Individual cognitive behavioral therapy (CBT) for children with anxiety | Apr. 2012 | \$4,335 | \$1,487 | \$2,848 | (\$782) | \$3,554 | \$5.55 | 98 % |
| Parent cognitive behavioral therapy (CBT) for young children with anxiety | Apr. 2012 | \$1,811 | \$468 | \$1,343 | \$648 | \$2,459 | n/a | 99 % |
| Attention Deficit Hyperactivity Disorder | | | | | | | | |
| Behavioral parent training (BPT) for children with ADHD | Apr. 2012 | \$439 | \$101 | \$338 | \$113 | \$552 | n/a | 91 % |
| Cognitive behavioral therapy (CBT) for children with ADHD | Apr. 2012 | (\$1,059) | (\$146) | (\$914) | (\$1,049) | (\$2,108) | (\$1.01) | 8 % |
| Multimodal Therapy (MMT) for children with ADHD | Apr. 2012 | \$5,904 | \$2,698 | \$3,206 | (\$8,892) | (\$2,988) | \$0.66 | 42 % |
| Depression | | | | | | | | |
| Blues Program | May. 2015 | (\$28) | \$11 | (\$39) | (\$116) | (\$144) | (\$0.24) | 41 % |
| Cognitive behavioral therapy (CBT) for children & adolescents with depression | Aug. 2017 | (\$122) | \$36 | (\$158) | (\$444) | (\$566) | (\$0.27) | 31 % |
| Acceptance and Commitment Therapy (ACT) for children with depression | Aug. 2017 | (\$157) | \$30 | (\$187) | (\$598) | (\$755) | (\$0.26) | 31 % |
| Disruptive Behavior | | | | | | | | |
| Other behavioral parent training (BPT) for children with disruptive behavior disorders | Apr. 2012 | \$2,271 | \$680 | \$1,591 | \$112 | \$2,383 | n/a | 89 % |
| Triple-P Positive Parenting Program: Level 4, individual | Apr. 2012 | \$3,331 | \$1,168 | \$2,162 | (\$992) | \$2,339 | \$3.36 | 86 % |
| Triple-P Positive Parenting Program: Level 4, group | Apr. 2012 | \$1,641 | \$410 | \$1,232 | \$560 | \$2,201 | n/a | 100 % |
| Parent Child Interaction Therapy (PCIT) for children with disruptive behavior | Apr. 2012 | \$3,118 | \$1,154 | \$1,964 | (\$1,414) | \$1,704 | \$2.21 | 78 % |
| Parent Management Training—Oregon Model (treatment population) | May. 2015 | \$1,932 | \$698 | \$1,234 | (\$698) | \$1,234 | \$2.77 | 84 % |
| Collaborative primary care for children with behavior disorders | Aug. 2017 | \$1,401 | \$466 | \$935 | (\$275) | \$1,127 | \$5.10 | 73 % |
| Incredible Years: Parent training | Apr. 2012 | \$2,360 | \$934 | \$1,426 | (\$1,321) | \$1,039 | \$1.79 | 55 % |
| Multimodal Therapy (MMT) for children with disruptive behavior | Apr. 2012 | \$2,303 | \$761 | \$1,542 | (\$1,358) | \$945 | \$1.70 | 51 % |
| Helping the Noncompliant Child | Jun. 2015 | \$1,555 | \$574 | \$981 | (\$698) | \$857 | \$2.23 | 65 % |
| Families and Schools Together (FAST) | Apr. 2012 | \$2,315 | \$764 | \$1,551 | (\$1,876) | \$439 | \$1.23 | 50 % |
| Brief Strategic Family Therapy (BSFT) | Jun. 2016 | \$320 | \$479 | (\$159) | (\$544) | (\$224) | \$0.59 | 43 % |
| Incredible Years: Parent training and child training | Apr. 2012 | \$316 | \$357 | (\$41) | (\$1,729) | (\$1,413) | \$0.18 | 12 % |
| Stop Now and Plan (SNAP) | Dec. 2015 | \$160 | \$567 | (\$407) | (\$3,337) | (\$3,177) | \$0.05 | 4 % |
| Serious Emotional Disturbance | | | | | | | | |
| Multisystemic Therapy (MST) for youth with serious emotional disturbance (SED) | Apr. 2012 | \$9,517 | \$3,822 | \$5,696 | (\$6,906) | \$2,611 | \$1.38 | 61 % |
| Dialectical Behavior Therapy (DBT) for adolescent self-harming behavior | Aug. 2017 | \$146 | \$69 | \$77 | (\$151) | (\$5) | \$0.97 | 50 % |
| Trauma | | | | | | | | |
| Cognitive behavioral therapy (CBT)-based models for child trauma | Aug. 2017 | \$21,728 | \$6,873 | \$14,855 | \$109 | \$21,837 | n/a | 100 % |
| Eye Movement Desensitization and Reprocessing (EMDR) for child trauma | Apr. 2012 | \$8,645 | \$2,721 | \$5,924 | \$165 | \$8,810 | n/a | 82 % |

Other Children's Mental Health topics reviewed:

| Program name | Date of last literature review | Notes |
|---|--------------------------------|---|
| Addition of CBT to antidepressants (compared to antidepressants alone) for adolescent depression | Aug. 2014 | Click for meta-analytic results |
| Child-Parent Psychotherapy | Jun. 2013 | Click for meta-analytic results |
| Choice Theory/Reality Therapy | Dec. 2015 | Click for meta-analytic results |
| Collaborative primary care for children with depression | Aug. 2017 | Click for meta-analytic results |
| Full fidelity wraparound for children with serious emotional disturbance (SED) | Jan. 2012 | Click for meta-analytic results |
| Intensive Family Preservation Services (HOMEBUILDERS®) for youth with serious emotional disturbance (SED) | Jun. 2016 | Click for meta-analytic results |
| Modularized Approaches to Treatment of Anxiety, Depression, and Behavior (MATCH) | Jun. 2013 | Click for meta-analytic results |
| Motivational interviewing to engage children in mental health treatment | Aug. 2017 | Click for meta-analytic results |
| New Beginnings for children of divorce | Jun. 2015 | Click for meta-analytic results |
| ADOPTS (therapy to address distress of post traumatic stress in adoptive children) | Jan. 2013 | No rigorous evaluation measuring outcome of interest. |
| Encompass for ADHD | Jun. 2016 | No rigorous evaluation measuring outcome of interest. |
| Families Moving Forward | Jan. 2013 | No rigorous evaluation measuring outcome of interest. |
| Kids Club and Moms Empowerment support groups | Jan. 2013 | No rigorous evaluation measuring outcome of interest. |
| Take 5: Trauma Affects Kids Everywhere—Five Ways to Promote Resilience | Jan. 2013 | No rigorous evaluation measuring outcome of interest. |
| Theraplay | Jan. 2013 | No rigorous evaluation measuring outcome of interest. |

Health Care

| Program name | Date of last literature review | Total benefits | Taxpayer benefits | Non-taxpayer benefits | Costs | Benefits minus costs (net present value) | Benefit to cost ratio | Chance benefits will exceed costs |
|---|--------------------------------|----------------|-------------------|-----------------------|-----------|--|-----------------------|-----------------------------------|
| Obesity and Diabetes | | | | | | | | |
| Lifestyle interventions to prevent diabetes: Long-term, intensive, individual counseling programs | Feb. 2017 | \$29,787 | \$11,936 | \$17,851 | (\$3,787) | \$26,000 | \$7.87 | 100 % |
| Lifestyle interventions to prevent diabetes: Shorter-term programs with group-based counseling | Feb. 2017 | \$13,756 | \$4,875 | \$8,880 | (\$446) | \$13,309 | \$30.82 | 80 % |
| Behavioral interventions to reduce obesity for adults: High-intensity, in-person programs | Dec. 2014 | \$2,297 | \$500 | \$1,797 | (\$624) | \$1,673 | \$3.68 | 59 % |
| Behavioral interventions to reduce obesity for adults: Remotely-delivered programs | Dec. 2014 | \$807 | \$153 | \$654 | (\$95) | \$712 | \$8.48 | 54 % |
| Behavioral interventions to reduce obesity for adults: Low-intensity, in-person programs | Dec. 2014 | \$158 | \$48 | \$110 | (\$185) | (\$26) | \$0.86 | 46 % |
| Behavioral interventions to reduce obesity for children: Remotely-delivered programs | Dec. 2014 | \$31 | \$10 | \$21 | (\$65) | (\$34) | \$0.47 | 49 % |
| Behavioral interventions to reduce obesity for children: Low-intensity, in-person programs | Dec. 2014 | (\$50) | \$4 | (\$54) | (\$165) | (\$215) | (\$0.30) | 46 % |
| Behavioral interventions to reduce obesity for children: Moderate- to high-intensity, face-to-face programs | Dec. 2014 | \$27 | \$35 | (\$8) | (\$333) | (\$306) | \$0.08 | 46 % |
| Health Care System Efficiency | | | | | | | | |
| Transitional care programs to prevent hospital readmissions: Comprehensive programs | Dec. 2014 | \$1,809 | \$834 | \$975 | (\$419) | \$1,390 | \$4.32 | 100 % |
| Transitional care programs to prevent hospital readmissions: All programs, general patient populations | Dec. 2014 | \$431 | \$189 | \$242 | (\$52) | \$380 | \$8.34 | 88 % |
| Patient-centered medical homes in physician-led practices without explicit utilization or cost incentives (high-risk populations) | Dec. 2016 | \$149 | \$75 | \$75 | (\$83) | \$66 | \$1.80 | 45 % |
| Interventions to reduce unnecessary emergency department visits: General education on appropriate ED use | Dec. 2014 | \$17 | \$7 | \$10 | (\$8) | \$9 | \$2.14 | 51 % |
| Patient-centered medical homes in physician-led practices without explicit utilization or cost incentives (general population) | Dec. 2016 | \$32 | \$29 | \$3 | (\$83) | (\$51) | \$0.39 | 34 % |
| Patient-centered medical homes in physician-led practices with utilization or cost incentives (high-risk populations) | Dec. 2016 | \$89 | \$65 | \$24 | (\$155) | (\$66) | \$0.57 | 35 % |
| Interventions to reduce unnecessary emergency department visits: Asthma self-management education for children | Dec. 2014 | (\$38) | (\$1) | (\$36) | (\$78) | (\$116) | (\$0.48) | 48 % |
| Patient-centered medical homes in physician-led practices with utilization or cost incentives (general population) | Dec. 2016 | \$36 | \$44 | (\$9) | (\$155) | (\$119) | \$0.23 | 31 % |
| Interventions to reduce unnecessary emergency department visits: Intensive case management for frequent ED users | Dec. 2014 | \$3,430 | \$3,205 | \$225 | (\$9,581) | (\$6,151) | \$0.36 | 44 % |
| Maternal and Infant Health | | | | | | | | |
| Other prenatal home visiting programs | Dec. 2016 | \$11,625 | \$748 | \$10,878 | (\$693) | \$10,932 | \$16.77 | 100 % |
| Smoking cessation programs for pregnant women: Contingency management | Dec. 2016 | \$9,972 | \$970 | \$9,002 | (\$209) | \$9,763 | \$47.61 | 98 % |
| Enhanced prenatal care programs delivered through Medicaid | Dec. 2016 | \$6,396 | \$841 | \$5,555 | (\$415) | \$5,981 | \$15.42 | 98 % |
| Group prenatal care (compared to standard prenatal care) | Dec. 2016 | \$2,704 | \$176 | \$2,528 | \$1,096 | \$3,800 | n/a | 94 % |
| Smoking cessation programs for pregnant women: Nicotine replacement treatment | Dec. 2016 | \$3,347 | \$312 | \$3,035 | (\$116) | \$3,231 | \$28.82 | 75 % |
| Non-Medicaid enhanced prenatal care programs for African-American women | Dec. 2016 | \$3,355 | \$561 | \$2,795 | (\$592) | \$2,763 | \$5.66 | 69 % |
| Non-Medicaid enhanced prenatal care programs for adolescents | Dec. 2016 | \$2,996 | \$644 | \$2,351 | (\$513) | \$2,483 | \$5.84 | 73 % |
| Smoking cessation programs for pregnant women: Intensive behavioral interventions | Dec. 2016 | \$2,262 | \$204 | \$2,058 | (\$95) | \$2,168 | \$23.90 | 89 % |
| Resource Mothers Program | Dec. 2016 | \$2,005 | \$358 | \$1,647 | (\$716) | \$1,290 | \$2.80 | 84 % |
| Cesarean section reduction programs: Multi-faceted hospital-based interventions (Medicaid population) | Nov. 2015 | \$286 | \$202 | \$84 | (\$34) | \$251 | \$8.31 | 100 % |
| Cesarean section reduction programs: Multi-faceted hospital-based interventions (private pay population) | Nov. 2015 | \$271 | \$0 | \$271 | (\$34) | \$236 | \$7.87 | 100 % |
| Cesarean section reduction programs: Audit and feedback (Medicaid population) | Nov. 2015 | \$172 | \$124 | \$48 | (\$28) | \$144 | \$6.25 | 85 % |

| | | | | | | | | |
|---|-----------|---------|---------|-----------|---------|-----------|----------|-------|
| Cesarean section reduction programs: Audit and feedback (private pay population) | Nov. 2015 | \$160 | \$0 | \$160 | (\$28) | \$132 | \$5.80 | 84 % |
| Cesarean section reduction programs: Mandatory second opinion (Medicaid population) | Nov. 2015 | \$148 | \$124 | \$24 | (\$77) | \$71 | \$1.92 | 100 % |
| Cesarean section reduction programs: Mandatory second opinion (private pay population) | Nov. 2015 | \$138 | \$0 | \$138 | (\$77) | \$61 | \$1.79 | 98 % |
| Cesarean section reduction programs: Continuous support (Medicaid population) | Nov. 2015 | (\$7) | \$83 | (\$89) | (\$261) | (\$267) | (\$0.03) | 1 % |
| Cesarean section reduction programs: Continuous support (private pay population) | Nov. 2015 | (\$13) | \$0 | (\$13) | (\$261) | (\$274) | (\$0.05) | 1 % |
| Interventions to prevent excessive gestational weight gain (population with obesity-related risk factors) | Dec. 2016 | (\$751) | (\$212) | (\$538) | (\$202) | (\$953) | (\$3.71) | 47 % |
| Interventions to prevent excessive gestational weight gain (general population) | Dec. 2016 | (\$928) | \$119 | (\$1,047) | (\$184) | (\$1,112) | (\$5.03) | 36 % |

Falls Prevention for Older Adults

| | | | | | | | | |
|--|-----------|-----------|---------|-----------|-----------|-----------|----------|-------|
| Home hazard reduction (high-risk population) | Oct. 2017 | \$3,516 | \$584 | \$2,933 | (\$318) | \$3,198 | \$11.05 | 100 % |
| Otago Exercise Program (general population) | Jan. 2018 | \$3,590 | \$473 | \$3,117 | (\$628) | \$2,963 | \$5.72 | 100 % |
| Group exercise classes (high-risk population) | Feb. 2018 | \$2,948 | \$503 | \$2,446 | (\$345) | \$2,603 | \$8.54 | 73 % |
| Individual exercise programs (high-risk population) | Feb. 2018 | \$2,756 | \$345 | \$2,411 | (\$580) | \$2,175 | \$4.75 | 76 % |
| Group exercise classes for osteoporosis/osteopenia | Jan. 2018 | \$643 | \$144 | \$499 | (\$297) | \$347 | \$2.17 | 79 % |
| Multifactorial programs: physician-led (high-risk population) | Nov. 2017 | \$1,850 | \$458 | \$1,392 | (\$1,504) | \$346 | \$1.23 | 65 % |
| Tai Chi (high-risk population) | Jan. 2018 | \$523 | \$113 | \$410 | (\$221) | \$302 | \$2.37 | 57 % |
| Tai Chi (general population) | Jan. 2018 | \$523 | \$123 | \$399 | (\$334) | \$189 | \$1.57 | 81 % |
| Group exercise classes (general population) | Feb. 2018 | \$170 | \$44 | \$126 | (\$132) | \$38 | \$1.29 | 61 % |
| Individual exercise programs (general population) | Feb. 2018 | \$278 | \$76 | \$202 | (\$267) | \$11 | \$1.04 | 50 % |
| Cognitive behavioral interventions (general population) | Feb. 2018 | \$259 | \$71 | \$188 | (\$293) | (\$34) | \$0.89 | 42 % |
| Multifactorial interventions: nurse-led (general population) | Nov. 2017 | \$463 | \$126 | \$336 | (\$666) | (\$204) | \$0.69 | 21 % |
| Home hazard reduction (general population) | Oct. 2017 | (\$73) | \$1 | (\$74) | (\$157) | (\$230) | (\$0.47) | 17 % |
| Multifactorial interventions: nurse-led (high-risk population) | Nov. 2017 | (\$4,926) | (\$567) | (\$4,359) | (\$562) | (\$5,488) | (\$8.76) | 0 % |

Other Health Care topics reviewed:

| Program name | Date of last literature review | Notes |
|--|--------------------------------|---------------------------------|
| Accountable Care Organizations: (a) Alternative Quality Contract | Nov. 2015 | Click for meta-analytic results |
| Accountable Care Organizations: (b) Medicare Physician Group Practice Demonstration (PGPD) | Nov. 2015 | Click for meta-analytic results |
| Accountable Care Organizations: (c) Medicare Pioneer ACOs | Nov. 2015 | Click for meta-analytic results |
| Cost sharing: (a) High-Deductible Health Plans (moderate to high deductibles, with and without HRAs or HSAs), general patient population | Nov. 2015 | Click for meta-analytic results |
| Cost sharing: (b) High-Deductible Health Plans (moderate to high deductible levels, with or without HSAs), low-income patient population | Nov. 2015 | Click for meta-analytic results |
| Cost sharing: (c) High-Deductible Health Plans with moderate deductibles (individual < \$1000), general patient population | Nov. 2015 | Click for meta-analytic results |
| Cost sharing: (d) High-Deductible Health Plans with higher deductibles (individual > \$1000), general patient population | Nov. 2015 | Click for meta-analytic results |
| Cost sharing: (e) High-Deductible Health Plans with higher deductibles (individual > \$1000) and HRA accounts, general patient population | Nov. 2015 | Click for meta-analytic results |
| Cost sharing: (f) High-Deductible Health Plans with higher deductibles (individual > \$1000) and HSA accounts, general patient population | Nov. 2015 | Click for meta-analytic results |
| Cost sharing: (g) Coinsurance (25% rate or higher) versus no cost sharing, general patient population | Nov. 2015 | Click for meta-analytic results |
| Cost sharing: (h) Copay increases across multiple services, low-income population | Nov. 2015 | Click for meta-analytic results |
| Cost sharing: (i) Copay increases across multiple services, low-income and chronically-ill population | Nov. 2015 | Click for meta-analytic results |
| Cost sharing: (j) Emergency department copays, general patient population | Nov. 2015 | Click for meta-analytic results |
| Cost sharing: (k) Emergency department copays, low-income patient population | Nov. 2015 | Click for meta-analytic results |
| Cost sharing: (l) Copays for nonemergent emergency department visits, Medicaid adult population | Nov. 2015 | Click for meta-analytic results |
| Cost sharing: (m) Copays for prescription drugs, general patient population | Nov. 2015 | Click for meta-analytic results |
| Cost sharing: (n) Copays for prescription drugs, adults with a chronic illness | Nov. 2015 | Click for meta-analytic results |
| Cost sharing: (o) Copay reductions for prescription drugs used to treat chronic conditions (Value Based Insurance Design), adults with chronic illnesses | Nov. 2015 | Click for meta-analytic results |
| Cost sharing: (p) Copays for prescription drugs, low-income children (CHIP) | Nov. 2015 | Click for meta-analytic results |
| Cost sharing: (q) Copays for prescription drugs, low-income children (CHIP) with a chronic illness | Nov. 2015 | Click for meta-analytic results |
| Cost sharing: (r) Copays for prescription drugs, Medicare beneficiaries | Nov. 2015 | Click for meta-analytic results |
| Falls prevention: Individual exercise programs for osteoporosis/osteopenia | Jan. 2018 | Click for meta-analytic results |
| Falls prevention: Multicomponent interventions including exercise and home hazard reduction (general population) | Jan. 2018 | Click for meta-analytic results |
| Falls prevention: Multicomponent interventions including exercise and home hazard reduction (high-risk population) | Jan. 2018 | Click for meta-analytic results |
| Falls prevention: Multicomponent interventions including group exercise and vitamin D supplementation (high-risk population) | Jan. 2018 | Click for meta-analytic results |
| Falls prevention: Otago Exercise Program (high-risk population) | Jan. 2018 | Click for meta-analytic results |
| Oral health: Fluoride varnish treatment for permanent teeth | Oct. 2014 | Click for meta-analytic results |
| Oral health: Fluoride varnish treatment for primary teeth | Oct. 2014 | Click for meta-analytic results |
| Oral health: Resin sealants for molars | Oct. 2014 | Click for meta-analytic results |
| Patient-centered medical homes in integrated health systems (high-risk population) | Dec. 2016 | Click for meta-analytic results |
| Smoking cessation programs for pregnant women: Postpartum smoking relapse prevention | Dec. 2016 | Click for meta-analytic results |

| | | |
|---|-----------|---|
| Transitional care programs to prevent hospital readmissions: Brief phone follow-up only | Dec. 2014 | Click for meta-analytic results |
| Chronic Care Model (CCM) interventions | Dec. 2016 | No rigorous evaluation measuring outcome of interest. |
| Long-acting reversible contraception (LARC) | Dec. 2016 | No rigorous evaluation measuring outcome of interest. |
| Oral health: Mid-level dental care providers | Oct. 2014 | No rigorous evaluation measuring outcome of interest. |
| Oral health: Preventive dental visits | Oct. 2014 | No rigorous evaluation measuring outcome of interest. |
| Prenatal depression screening | Dec. 2016 | No rigorous evaluation measuring outcome of interest. |

Substance Use Disorders

| Program name | Date of last literature review | Total benefits | Taxpayer benefits | Non-taxpayer benefits | Costs | Benefits minus costs (net present value) | Benefit to cost ratio | Chance benefits will exceed costs |
|--|--------------------------------|----------------|-------------------|-----------------------|------------|--|-----------------------|-----------------------------------|
| Early Intervention | | | | | | | | |
| Brief intervention in primary care | Sep. 2016 | \$4,832 | \$1,543 | \$3,289 | (\$273) | \$4,559 | \$17.70 | 86 % |
| Brief intervention in a medical hospital | Sep. 2016 | \$4,119 | \$1,306 | \$2,813 | (\$161) | \$3,958 | \$25.59 | 75 % |
| Teen Intervene | Jun. 2016 | \$3,756 | \$949 | \$2,807 | (\$385) | \$3,371 | \$9.76 | 94 % |
| Brief intervention in emergency department (SBIRT) | Sep. 2016 | \$3,285 | \$1,099 | \$2,186 | (\$435) | \$2,850 | \$7.56 | 62 % |
| Brief Alcohol Screening and Intervention of College Students (BASICS): A Harm Reduction Approach | May. 2014 | \$1,267 | \$407 | \$860 | (\$73) | \$1,194 | \$17.34 | 69 % |
| Brief intervention for youth in medical settings | Feb. 2015 | \$406 | \$136 | \$270 | (\$333) | \$73 | \$1.22 | 49 % |
| Alcohol Literacy Challenge (for college students) | Jun. 2016 | (\$454) | (\$142) | (\$312) | (\$4) | (\$458) | (\$115.93) | 49 % |
| Treatment for Youth | | | | | | | | |
| Teen Marijuana Check-Up | Jul. 2014 | \$2,479 | \$796 | \$1,683 | (\$109) | \$2,370 | \$22.70 | 100 % |
| Adolescent Assertive Continuing Care | Jun. 2013 | (\$1,000) | \$28 | (\$1,027) | (\$2,254) | (\$3,253) | (\$0.44) | 36 % |
| Functional Family Therapy (FFT) for adolescents with substance use disorder | Jun. 2016 | (\$577) | \$217 | (\$794) | (\$3,469) | (\$4,046) | (\$0.17) | 0 % |
| Multidimensional Family Therapy (MDFT) | May. 2015 | \$2,234 | \$1,606 | \$628 | (\$8,061) | (\$5,827) | \$0.28 | 24 % |
| Treatment for Adults | | | | | | | | |
| Contingency management (higher cost) for substance use disorders | May. 2014 | \$19,455 | \$1,725 | \$17,730 | (\$572) | \$18,884 | \$34.03 | 77 % |
| Seeking Safety | May. 2014 | \$16,805 | \$5,367 | \$11,438 | (\$396) | \$16,409 | \$42.40 | 88 % |
| Contingency management (higher cost) for marijuana use | May. 2014 | \$9,422 | \$3,040 | \$6,381 | (\$571) | \$8,850 | \$16.49 | 78 % |
| Contingency management (lower cost) for opioid use disorder | Dec. 2016 | \$8,305 | \$955 | \$7,350 | (\$356) | \$7,949 | \$23.35 | 100 % |
| Brief marijuana dependence counseling | May. 2014 | \$8,168 | \$2,645 | \$5,523 | (\$558) | \$7,611 | \$14.65 | 90 % |
| Family Behavior Therapy (FBT) | May. 2014 | \$9,385 | \$1,987 | \$7,398 | (\$1,902) | \$7,483 | \$4.93 | 60 % |
| Brief cognitive behavioral intervention for amphetamine users | May. 2014 | \$7,172 | \$1,394 | \$5,778 | (\$210) | \$6,962 | \$34.07 | 61 % |
| Motivational interviewing to enhance treatment engagement | Dec. 2014 | \$7,053 | \$2,128 | \$4,925 | (\$267) | \$6,787 | \$26.46 | 63 % |
| Motivational Enhancement Therapy (MET) (problem drinkers) | May. 2014 | \$5,976 | \$1,775 | \$4,201 | (\$342) | \$5,635 | \$17.49 | 61 % |
| Cognitive-behavioral coping-skills therapy for alcohol or drug use disorders | Sep. 2016 | \$5,837 | \$680 | \$5,157 | (\$266) | \$5,572 | \$21.95 | 60 % |
| 12-Step Facilitation Therapy | May. 2014 | \$5,069 | \$538 | \$4,531 | \$323 | \$5,392 | n/a | 60 % |
| Community Reinforcement Approach (CRA) with vouchers | May. 2014 | \$5,370 | \$1,190 | \$4,180 | (\$1,206) | \$4,165 | \$4.45 | 56 % |
| Holistic Harm Reduction Program (HHRP+) | May. 2014 | \$4,169 | \$506 | \$3,663 | (\$813) | \$3,356 | \$5.13 | 56 % |
| Relapse Prevention Therapy | May. 2014 | \$3,190 | \$942 | \$2,248 | \$0 | \$3,190 | n/a | 56 % |
| Contingency management (lower cost) for substance use disorders | May. 2014 | \$2,356 | \$289 | \$2,067 | (\$250) | \$2,106 | \$9.42 | 59 % |
| Individual drug counseling approach for the treatment of cocaine addiction | May. 2014 | \$4,218 | \$263 | \$3,955 | (\$2,380) | \$1,838 | \$1.77 | 54 % |
| Matrix Model Intensive Outpatient Treatment Program (IOP) for stimulant use disorders | May. 2014 | \$2,748 | \$435 | \$2,313 | (\$1,281) | \$1,467 | \$2.15 | 52 % |
| Sober living houses | Oct. 2016 | \$1,543 | \$196 | \$1,347 | (\$287) | \$1,256 | \$5.38 | 70 % |
| Peer support for individuals with substance use disorder | May. 2014 | \$3,788 | \$598 | \$3,190 | (\$2,815) | \$973 | \$1.35 | 51 % |
| Contingency management (lower cost) for marijuana use | May. 2014 | \$153 | \$87 | \$66 | (\$251) | (\$98) | \$0.61 | 49 % |
| Cognitive-behavioral coping-skills therapy for opioid use disorder | Dec. 2016 | (\$535) | (\$34) | (\$501) | (\$538) | (\$1,073) | (\$0.99) | 42 % |
| Supportive-expressive psychotherapy for substance use disorders | May. 2014 | \$335 | \$1,214 | (\$880) | (\$2,037) | (\$1,703) | \$0.16 | 48 % |
| Behavioral self-control training (BSCT) | May. 2014 | (\$12,643) | (\$3,419) | (\$9,225) | (\$158) | (\$12,801) | (\$80.03) | 23 % |
| Medication-assisted Treatment | | | | | | | | |
| Methadone maintenance for opioid use disorder | Dec. 2016 | \$8,257 | \$1,140 | \$7,116 | (\$3,769) | \$4,488 | \$2.19 | 88 % |
| Buprenorphine (or buprenorphine/naloxone) maintenance treatment for opioid use disorder | Dec. 2016 | \$8,092 | \$1,161 | \$6,931 | (\$4,633) | \$3,458 | \$1.75 | 86 % |
| Injectable naltrexone for opiates (for individuals in the criminal justice system) | Dec. 2016 | (\$126) | \$1,365 | (\$1,491) | (\$16,545) | (\$16,671) | (\$0.01) | 0 % |
| Injectable naltrexone for opiates | Dec. 2016 | (\$876) | \$825 | (\$1,700) | (\$16,533) | (\$17,409) | (\$0.05) | 0 % |

| | | | | | | | | |
|-----------------------------------|-----------|-----------|-------|-----------|------------|------------|----------|-----|
| Injectable naltrexone for alcohol | Dec. 2016 | (\$7,357) | \$264 | (\$7,622) | (\$16,537) | (\$23,894) | (\$0.44) | 0 % |
|-----------------------------------|-----------|-----------|-------|-----------|------------|------------|----------|-----|

Other Substance Use Disorders topics reviewed:

| Program name | Date of last literature review | Notes |
|--|--------------------------------|---|
| Adolescent Community Reinforcement Approach | Jun. 2013 | Click for meta-analytic results |
| Bupreorphine implants | Dec. 2016 | Click for meta-analytic results |
| Community Reinforcement and Family Training (CRAFT) for engaging clients in treatment | Sep. 2016 | Click for meta-analytic results |
| Day treatment with abstinence contingencies and vouchers | May. 2014 | Click for meta-analytic results |
| Dialectical behavior therapy (DBT) for co-morbid substance use disorder and serious mental illness | May. 2014 | Click for meta-analytic results |
| Early initiation of buprenorphine treatment for opioid use disorder (compared to referral to treatment only) | Dec. 2016 | Click for meta-analytic results |
| Early initiation of methadone treatment for opioid use disorder (compared to referral to treatment only) | Dec. 2016 | Click for meta-analytic results |
| Injectable bromocriptine for alcohol | Dec. 2016 | Click for meta-analytic results |
| MET/CBT-5 for youth marijuana use | Feb. 2015 | Click for meta-analytic results |
| Naltrexone implants | Dec. 2016 | Click for meta-analytic results |
| Node-link mapping | May. 2014 | Click for meta-analytic results |
| Parent-Child Assistance Program | Aug. 2017 | Click for meta-analytic results |
| Wraparound services for pregnant/postpartum women in treatment for substance use disorders | Sep. 2016 | Click for meta-analytic results |
| Anger management for substance abuse and mental health clients: Cognitive-behavioral therapy | May. 2014 | No rigorous evaluation measuring outcome of interest. |
| Buprenorphine taper for prescription opioid use disorder | Dec. 2016 | No rigorous evaluation measuring outcome of interest. |
| Dialectical behavior therapy for substance abuse: Integrated Treatment model | May. 2015 | No rigorous evaluation measuring outcome of interest. |
| Matrix Model treatment for adolescents with substance use disorder | Jun. 2013 | No rigorous evaluation measuring outcome of interest. |
| Medication-assisted therapies for opioid use during pregnancy—buprenorphine vs. methadone | Dec. 2016 | No rigorous evaluation measuring outcome of interest. |
| Preventing Addiction-Related Suicide (PARS) | May. 2014 | No rigorous evaluation measuring outcome of interest. |
| Recovery Support Services | Jun. 2016 | No rigorous evaluation measuring outcome of interest. |
| Seven Challenges | Jan. 2013 | No rigorous evaluation measuring outcome of interest. |
| Therapeutic community for non-offenders | May. 2014 | No rigorous evaluation measuring outcome of interest. |
| Behavioral Couples Therapy (marital) | May. 2014 | Too few rigorous evaluations to date. |

Adult Mental Health

| Program name | Date of last literature review | Total benefits | Taxpayer benefits | Non-taxpayer benefits | Costs | Benefits minus costs (net present value) | Benefit to cost ratio | Chance benefits will exceed costs |
|---|--------------------------------|----------------|-------------------|-----------------------|------------|--|-----------------------|-----------------------------------|
| Anxiety | | | | | | | | |
| Cognitive behavioral therapy (CBT) for adult anxiety | Sep. 2016 | \$30,943 | \$9,781 | \$21,162 | (\$573) | \$30,370 | \$54.01 | 100 % |
| Acceptance and Commitment Therapy for adult anxiety | Sep. 2016 | \$20,995 | \$6,643 | \$14,352 | (\$432) | \$20,562 | \$48.55 | 85 % |
| Collaborative primary care for anxiety (general adult population) | Dec. 2016 | \$12,301 | \$3,985 | \$8,316 | (\$834) | \$11,467 | \$14.76 | 90 % |
| Depression | | | | | | | | |
| Cognitive behavioral therapy (CBT) for adult depression | Sep. 2016 | \$24,793 | \$7,758 | \$17,035 | (\$505) | \$24,288 | \$49.09 | 100 % |
| Collaborative primary care for depression (general adult population) | Dec. 2016 | \$10,471 | \$3,371 | \$7,100 | (\$834) | \$9,637 | \$12.56 | 98 % |
| Collaborative primary care for depression with comorbid medical conditions (general adult population) | Dec. 2016 | \$6,877 | \$2,275 | \$4,602 | (\$937) | \$5,939 | \$7.34 | 100 % |
| Collaborative primary care for depression with comorbid medical conditions (older adult population) | Dec. 2016 | \$1,968 | \$692 | \$1,276 | (\$575) | \$1,392 | \$3.42 | 82 % |
| Collaborative primary care for depression (older adult population) | Dec. 2016 | \$1,275 | \$481 | \$794 | (\$577) | \$698 | \$2.21 | 78 % |
| Trauma | | | | | | | | |
| Cognitive behavioral therapy (CBT) for adult posttraumatic stress disorder (PTSD) | Sep. 2016 | \$49,748 | \$15,791 | \$33,957 | (\$565) | \$49,184 | \$88.11 | 100 % |
| Eye Movement Desensitization and Reprocessing (EMDR) for adult posttraumatic stress disorder (PTSD) | Sep. 2016 | \$41,418 | \$13,082 | \$28,337 | (\$69) | \$41,349 | \$598.94 | 100 % |
| Posttraumatic stress disorder (PTSD) prevention following trauma | May. 2014 | \$5,508 | \$1,873 | \$3,635 | (\$854) | \$4,654 | \$6.45 | 100 % |
| Serious Mental Illness | | | | | | | | |
| Cognitive behavioral therapy (CBT) for schizophrenia/psychosis | Dec. 2014 | \$13,679 | \$7,954 | \$5,725 | (\$1,457) | \$12,221 | \$9.39 | 60 % |
| Illness Management and Recovery (IMR) | Sep. 2016 | \$4,945 | \$2,021 | \$2,924 | (\$1,624) | \$3,321 | \$3.04 | 55 % |
| Individual Placement and Support (IPS) for individuals with serious mental illness | May. 2014 | \$2,451 | \$893 | \$1,558 | (\$807) | \$1,644 | \$3.04 | 71 % |
| Primary care in integrated settings (Veteran's Administration, Kaiser Permanente) | May. 2014 | \$761 | \$406 | \$355 | (\$231) | \$530 | \$3.30 | 51 % |
| Acceptance and Commitment Therapy for schizophrenia/psychosis | Sep. 2016 | \$1,199 | \$892 | \$307 | (\$700) | \$498 | \$1.71 | 58 % |
| Mobile crisis response | May. 2014 | \$1,358 | \$1,190 | \$168 | (\$1,196) | \$162 | \$1.14 | 48 % |
| Primary care in behavioral health settings | May. 2014 | \$146 | \$116 | \$30 | (\$220) | (\$75) | \$0.66 | 50 % |
| Primary care in behavioral health settings (community-based settings) | May. 2014 | (\$262) | (\$27) | (\$235) | (\$274) | (\$536) | (\$0.96) | 25 % |
| Peer support: Substitution of a peer specialist for a non-peer on the treatment team | May. 2014 | (\$1,644) | (\$502) | (\$1,141) | \$0 | (\$1,644) | n/a | 24 % |
| Peer support: Addition of a peer specialist to the treatment team | May. 2014 | \$1,698 | \$1,147 | \$551 | (\$3,518) | (\$1,820) | \$0.48 | 26 % |
| Critical Time Intervention for serious mental illness | Sep. 2016 | \$1,006 | \$2,253 | (\$1,247) | (\$5,837) | (\$4,831) | \$0.17 | 14 % |
| Forensic Assertive Community Treatment (FACT) | May. 2014 | (\$5,274) | \$549 | (\$5,823) | (\$12,926) | (\$18,200) | (\$0.41) | 0 % |
| Supported housing for chronically homeless adults | Dec. 2014 | (\$7,089) | \$287 | (\$7,376) | (\$15,451) | (\$22,540) | (\$0.46) | 0 % |
| Assertive community treatment (ACT) | May. 2014 | (\$8,436) | \$523 | (\$8,958) | (\$18,260) | (\$26,696) | (\$0.46) | 11 % |

Other Adult Mental Health topics reviewed:

| Program name | Date of last literature review | Notes |
|--|--------------------------------|---|
| Assisted outpatient treatment | Nov. 2015 | Click for meta-analytic results |
| Cognitive behavioral therapy (CBT) for prodromal psychosis | Sep. 2016 | Click for meta-analytic results |
| Collaborative primary care for dementia (older adult population) | Feb. 2018 | Click for meta-analytic results |
| Individual Placement and Support for first episode psychosis | Aug. 2017 | Click for meta-analytic results |
| Integrated Dual Disorder Treatment | Sep. 2016 | Click for meta-analytic results |
| Integrated treatment for first-episode psychosis | Sep. 2016 | Click for meta-analytic results |
| Integrated treatment for prodromal psychosis | Sep. 2016 | Click for meta-analytic results |
| Medicaid Health Homes | Dec. 2014 | Click for meta-analytic results |
| Motivational interviewing to enhance treatment engagement for serious mental illness | Sep. 2016 | Click for meta-analytic results |
| Telemedicine for depression in primary care | Dec. 2016 | Click for meta-analytic results |
| Telemedicine for posttraumatic stress disorder (PTSD) in primary care | Dec. 2016 | Click for meta-analytic results |
| Wellness Recovery Action Plan (WRAP) | Dec. 2014 | Click for meta-analytic results |
| Collaborative primary care for posttraumatic stress disorder (PTSD) | Dec. 2016 | No rigorous evaluation measuring outcome of interest. |
| Crisis Intervention Team | May. 2014 | No rigorous evaluation measuring outcome of interest. |
| Forensic Integrative Re-entry Support and Treatment (FIRST) | May. 2014 | No rigorous evaluation measuring outcome of interest. |
| Forensic Intensive Supportive Housing (FISH) | May. 2014 | No rigorous evaluation measuring outcome of interest. |
| Integrated cognitive therapies program for co-occurring mental illness and substance abuse | May. 2014 | No rigorous evaluation measuring outcome of interest. |
| Peer Bridger | May. 2014 | No rigorous evaluation measuring outcome of interest. |
| Trauma Informed Care: Risking Connection | May. 2014 | No rigorous evaluation measuring outcome of interest. |

Public Health & Prevention

| Program name | Date of last literature review | Total benefits | Taxpayer benefits | Non-taxpayer benefits | Costs | Benefits minus costs (net present value) | Benefit to cost ratio | Chance benefits will exceed costs |
|---|--------------------------------|----------------|-------------------|-----------------------|------------|--|-----------------------|-----------------------------------|
| School-based | | | | | | | | |
| Mentoring for students (non-Big Brothers Big Sisters): school-based (taxpayer costs only) | Jun. 2014 | \$26,962 | \$8,340 | \$18,623 | (\$1,489) | \$25,473 | \$18.11 | 71 % |
| Mentoring for students (non-Big Brothers Big Sisters): school-based (including volunteer costs) | Jun. 2014 | \$26,602 | \$8,368 | \$18,234 | (\$2,417) | \$24,185 | \$11.00 | 70 % |
| School-based programs to increase physical activity | Nov. 2015 | \$15,613 | \$3,772 | \$11,841 | (\$469) | \$15,144 | \$33.28 | 66 % |
| Positive Action | Aug. 2015 | \$14,002 | \$3,543 | \$10,459 | (\$444) | \$13,558 | \$31.57 | 87 % |
| Seattle Social Development Project | Apr. 2012 | \$16,368 | \$5,225 | \$11,142 | (\$3,759) | \$12,608 | \$4.35 | 66 % |
| Good Behavior Game | Apr. 2012 | \$10,673 | \$2,760 | \$7,912 | (\$163) | \$10,510 | \$65.47 | 70 % |
| Caring School Community (formerly Child Development Project) | Jun. 2014 | \$10,275 | \$2,609 | \$7,666 | (\$1,255) | \$9,021 | \$8.19 | 61 % |
| Behavioral Monitoring and Reinforcement Program (BMRP) | Apr. 2012 | \$9,441 | \$2,752 | \$6,688 | (\$1,342) | \$8,098 | \$7.03 | 64 % |
| Coping and Support Training (CAST) | Aug. 2017 | \$8,420 | \$2,720 | \$5,700 | (\$457) | \$7,963 | \$18.43 | 91 % |
| Other school-wide positive behavior programs | Aug. 2015 | \$8,423 | \$2,207 | \$6,216 | (\$619) | \$7,804 | \$13.61 | 78 % |
| Promoting Alternative Thinking Strategies (PATHS) | Jun. 2015 | \$7,487 | \$1,826 | \$5,662 | (\$360) | \$7,127 | \$20.80 | 63 % |
| School-based tobacco prevention programs | Dec. 2014 | \$4,790 | \$1,221 | \$3,569 | (\$64) | \$4,726 | \$75.10 | 99 % |
| Model Smoking Prevention Program | Dec. 2014 | \$2,929 | \$734 | \$2,196 | (\$33) | \$2,897 | \$90.08 | 91 % |
| All Stars | Dec. 2014 | \$2,694 | \$685 | \$2,009 | (\$104) | \$2,590 | \$25.81 | 97 % |
| Project EX | Dec. 2014 | \$2,502 | \$629 | \$1,873 | (\$60) | \$2,442 | \$41.71 | 88 % |
| Life Skills Training | Jun. 2014 | \$1,736 | \$417 | \$1,319 | (\$100) | \$1,636 | \$17.35 | 66 % |
| SPORT | Jun. 2014 | \$1,528 | \$391 | \$1,137 | (\$40) | \$1,489 | \$38.59 | 69 % |
| Coping Power Program | Jun. 2016 | \$2,842 | \$938 | \$1,904 | (\$1,826) | \$1,016 | \$1.56 | 55 % |
| Alcohol Literacy Challenge (for high school students) | Jun. 2016 | \$1,017 | \$316 | \$701 | (\$4) | \$1,013 | \$259.46 | 58 % |
| ATHENA (Athletes Targeting Healthy Exercise and Nutrition Alternatives) | Dec. 2014 | \$613 | \$160 | \$452 | (\$38) | \$574 | \$16.00 | 56 % |
| keepin' it REAL | Jun. 2014 | \$581 | \$184 | \$397 | (\$49) | \$531 | \$11.81 | 62 % |
| American Indian adolescent substance use prevention programs | Dec. 2014 | \$554 | \$202 | \$352 | (\$56) | \$498 | \$9.90 | 55 % |
| Lions Quest Skills for Adolescence | Jun. 2014 | \$589 | \$146 | \$443 | (\$97) | \$492 | \$6.05 | 68 % |
| Project Towards No Drug Abuse (TND) | Jun. 2014 | \$523 | \$166 | \$357 | (\$66) | \$457 | \$7.93 | 58 % |
| Too Good for Drugs | Dec. 2014 | \$497 | \$131 | \$366 | (\$54) | \$443 | \$9.28 | 90 % |
| Project ALERT | Jul. 2014 | \$503 | \$146 | \$357 | (\$152) | \$351 | \$3.30 | 64 % |
| School-based BMI screening and parental notification | Nov. 2015 | \$77 | \$25 | \$52 | (\$25) | \$51 | \$3.02 | 50 % |
| School-based obesity prevention education | Nov. 2015 | (\$28) | \$6 | (\$34) | (\$117) | (\$145) | (\$0.24) | 48 % |
| Youth advocacy/empowerment programs for tobacco prevention | Dec. 2014 | (\$164) | (\$39) | (\$125) | (\$23) | (\$187) | (\$7.13) | 36 % |
| Responsive Classroom | Oct. 2015 | \$342 | \$158 | \$184 | (\$547) | (\$205) | \$0.63 | 49 % |
| Preschool programs to create a healthy food environment and increase physical activity | Nov. 2015 | (\$99) | \$4 | (\$103) | (\$250) | (\$350) | (\$0.40) | 46 % |
| Project SUCCESS | Aug. 2014 | (\$293) | (\$54) | (\$239) | (\$160) | (\$453) | (\$1.84) | 39 % |
| InShape | Jun. 2014 | (\$451) | (\$139) | (\$312) | (\$15) | (\$466) | (\$29.59) | 47 % |
| Drug Abuse Resistance Education (D.A.R.E.) | Aug. 2015 | (\$423) | (\$184) | (\$239) | (\$55) | (\$478) | (\$7.71) | 49 % |
| Home- or Family-based | | | | | | | | |
| Parent Management Training - Oregon Model (Prevention population) | May. 2015 | \$6,244 | \$1,762 | \$4,482 | (\$657) | \$5,587 | \$9.50 | 61 % |
| Strengthening Families for Parents and Youth 10-14 | Apr. 2012 | \$5,381 | \$1,378 | \$4,004 | (\$835) | \$4,547 | \$6.45 | 76 % |
| Computer-based substance use prevention programs | Dec. 2014 | \$2,708 | \$699 | \$2,010 | (\$71) | \$2,637 | \$38.13 | 70 % |
| Nurse Family Partnership | Mar. 2018 | \$13,646 | \$3,027 | \$10,619 | (\$11,819) | \$1,827 | \$1.15 | 53 % |
| Family Matters | Jun. 2016 | \$1,772 | \$473 | \$1,299 | (\$196) | \$1,576 | \$9.04 | 74 % |
| Guiding Good Choices (formerly Preparing for the Drug Free Years) | Jun. 2014 | \$1,869 | \$558 | \$1,311 | (\$674) | \$1,195 | \$2.77 | 56 % |
| Other home visiting programs for at-risk families | Apr. 2018 | \$8,247 | \$2,408 | \$5,839 | (\$8,457) | (\$211) | \$0.98 | 49 % |
| Family Check-Up (also known as Positive Family Support) | Jun. 2014 | (\$66) | \$18 | (\$84) | (\$333) | (\$399) | (\$0.20) | 46 % |
| Home Instruction for Parents of Preschool Youngsters (HIPPI) | Aug. 2017 | \$3,530 | \$1,306 | \$2,224 | (\$4,029) | (\$499) | \$0.88 | 46 % |
| Familias Unidas | Jun. 2016 | (\$266) | \$141 | (\$407) | (\$1,486) | (\$1,752) | (\$0.18) | 41 % |

| | | | | | | | | |
|--|-----------|------------|----------|------------|------------|------------|----------|-------|
| Healthy Families America | Jul. 2017 | \$3,232 | \$2,087 | \$1,145 | (\$5,072) | (\$1,840) | \$0.64 | 42 % |
| Parents as Teachers | Aug. 2017 | \$542 | \$829 | (\$287) | (\$4,467) | (\$3,926) | \$0.12 | 26 % |
| Early Start (New Zealand) | Jun. 2017 | (\$1,713) | (\$223) | (\$1,490) | (\$3,520) | (\$5,233) | (\$0.49) | 2 % |
| Child Parent Enrichment Project (CPEP) | Apr. 2018 | (\$8,242) | (\$172) | (\$8,070) | (\$14,917) | (\$23,159) | (\$0.55) | 12 % |
| Infant Health and Development Program (IHDP) | Aug. 2017 | (\$1,590) | \$2,911 | (\$4,501) | (\$39,598) | (\$41,188) | (\$0.04) | 16 % |
| Community-based | | | | | | | | |
| Computer-based programs for smoking cessation | Dec. 2014 | \$32,321 | \$6,704 | \$25,617 | (\$41) | \$32,280 | \$794.18 | 100 % |
| Quantum Opportunities Program | Apr. 2012 | \$49,449 | \$18,286 | \$31,164 | (\$27,323) | \$22,127 | \$1.81 | 63 % |
| Text messaging programs for smoking cessation | Dec. 2014 | \$19,202 | \$3,798 | \$15,404 | (\$53) | \$19,149 | \$363.46 | 100 % |
| Mentoring for students (non-Big Brothers Big Sisters): community-based (taxpayer costs only) | Jun. 2014 | \$14,904 | \$4,680 | \$10,224 | (\$2,950) | \$11,954 | \$5.05 | 64 % |
| Mentoring for students (non-Big Brothers Big Sisters): community-based (including volunteer costs) | Jun. 2014 | \$13,316 | \$4,608 | \$8,709 | (\$5,539) | \$7,777 | \$2.40 | 59 % |
| Communities That Care | Apr. 2012 | \$3,148 | \$863 | \$2,286 | (\$593) | \$2,555 | \$5.31 | 82 % |
| Project STAR | Jul. 2014 | \$1,708 | \$491 | \$1,217 | (\$516) | \$1,192 | \$3.31 | 72 % |
| Project Northland | Jun. 2014 | \$858 | \$238 | \$621 | (\$191) | \$668 | \$4.51 | 73 % |
| PROSPER | Jun. 2016 | \$998 | \$376 | \$621 | (\$529) | \$469 | \$1.89 | 59 % |
| Big Brothers Big Sisters (community-based, taxpayer costs only) | Sep. 2017 | (\$188) | \$112 | (\$299) | (\$1,223) | (\$1,411) | (\$0.15) | 13 % |
| Big Brothers Big Sisters (community-based, including volunteer costs) | Sep. 2017 | (\$1,650) | \$119 | (\$1,769) | (\$4,177) | (\$5,828) | (\$0.40) | 0 % |
| Children's Aid Society--Carrera | Apr. 2012 | \$7,571 | \$4,227 | \$3,344 | (\$14,956) | (\$7,384) | \$0.51 | 42 % |
| CASASTART | Apr. 2012 | (\$7,439) | (\$739) | (\$6,701) | (\$7,158) | (\$14,598) | (\$1.04) | 23 % |
| Fast Track prevention program | Apr. 2012 | (\$22,219) | \$2,254 | (\$24,473) | (\$61,908) | (\$84,127) | (\$0.36) | 0 % |
| Population-level policies | | | | | | | | |
| Access to tobacco quitlines | Dec. 2014 | \$20,789 | \$1,580 | \$19,210 | (\$217) | \$20,572 | \$95.85 | 95 % |
| More intensive tobacco quitlines (compared to less intensive quitlines) | Dec. 2014 | \$9,687 | \$1,577 | \$8,111 | (\$132) | \$9,556 | \$73.51 | 100 % |
| Anti-smoking media campaign, youth effect | Dec. 2014 | \$4,128 | \$1,035 | \$3,094 | (\$28) | \$4,100 | \$147.33 | 100 % |
| Anti-smoking media campaigns, adult effect | Dec. 2014 | \$1,995 | \$573 | \$1,422 | (\$36) | \$1,960 | \$56.06 | 86 % |
| Triple-P Positive Parenting Program (System) | Apr. 2012 | \$1,409 | \$462 | \$947 | (\$152) | \$1,257 | \$9.29 | 63 % |
| Multicomponent environmental interventions to prevent youth tobacco use | Jun. 2016 | \$1,318 | \$354 | \$964 | (\$157) | \$1,161 | \$8.42 | 86 % |
| Multicomponent environmental interventions to prevent youth alcohol use | Jun. 2016 | (\$174) | (\$37) | (\$137) | (\$106) | (\$281) | (\$1.64) | 27 % |

Other Public Health & Prevention topics reviewed:

| Program name | Date of last literature review | Notes |
|---|--------------------------------|---|
| 10% increase in cigarette tax (effect on adults) | Dec. 2014 | Click for meta-analytic results |
| 10% increase in cigarette tax (effect on youth) | Dec. 2014 | Click for meta-analytic results |
| Adolescent Sibling Pregnancy Prevention | Apr. 2012 | Click for meta-analytic results |
| Athletes Training and Learning to Avoid Steroids (ATLAS) | Jun. 2016 | Click for meta-analytic results |
| Big Brothers Big Sisters (school-based) | Sep. 2017 | Click for meta-analytic results |
| Body Project | Jun. 2016 | Click for meta-analytic results |
| Case management for caregivers of older adults with dementia | Feb. 2018 | Click for meta-analytic results |
| Case management with monetary assistance for caregivers of older adults with dementia | Feb. 2018 | Click for meta-analytic results |
| Child FIRST | Jul. 2017 | Click for meta-analytic results |
| Circle of Security - Parenting (COS-P) | Jun. 2017 | Click for meta-analytic results |
| Compliance checks for alcohol | Jun. 2016 | Click for meta-analytic results |
| Compliance checks for tobacco | Jun. 2016 | Click for meta-analytic results |
| Curriculum-based support groups (CBSG) | Jun. 2016 | Click for meta-analytic results |
| Family Connects | Nov. 2017 | Click for meta-analytic results |
| Parent-Child Home Program | Aug. 2017 | Click for meta-analytic results |
| Postponing Sexual Involvement (c) | Apr. 2012 | Click for meta-analytic results |
| Protecting You/Protecting Me | Jun. 2016 | Click for meta-analytic results |
| Raising Healthy Children | Jun. 2016 | Click for meta-analytic results |
| Reconnecting Youth | Dec. 2014 | Click for meta-analytic results |
| School-based programs to create a healthy food environment | Nov. 2015 | Click for meta-analytic results |
| School-based service learning | Apr. 2012 | Click for meta-analytic results |
| School-based sexual education | Apr. 2012 | Click for meta-analytic results |
| Soda taxes: a 1% higher tax on soda than on other food items | Nov. 2015 | Click for meta-analytic results |
| STARS (Start Taking Alcohol Risks Seriously) for Families | Jun. 2016 | Click for meta-analytic results |
| Strong African American Families | Jun. 2016 | Click for meta-analytic results |
| Strong African American Families—Teen | Jun. 2016 | Click for meta-analytic results |
| Teen Outreach Program | Apr. 2012 | Click for meta-analytic results |
| Workplace-wide interventions to prevent obesity | Nov. 2015 | Click for meta-analytic results |
| 4Results Mentoring | Jun. 2013 | No rigorous evaluation measuring outcome of interest. |
| Aban Aya Youth Project | Dec. 2014 | No rigorous evaluation measuring outcome of interest. |
| Active Parenting of Teens: Families in Action | Dec. 2014 | No rigorous evaluation measuring outcome of interest. |
| Adult day services for older adults with dementia | Dec. 2017 | No rigorous evaluation measuring outcome of interest. |
| BrainTrain4Kids | Dec. 2014 | No rigorous evaluation measuring outcome of interest. |
| Celebrating Families | Dec. 2014 | No rigorous evaluation measuring outcome of interest. |
| DARE to be You | Dec. 2014 | No rigorous evaluation measuring outcome of interest. |
| Early Head Start – Home Visiting | Nov. 2017 | No rigorous evaluation measuring outcome of interest. |
| Friday Night Live | Dec. 2014 | No rigorous evaluation measuring outcome of interest. |
| Healthy Beginnings | Nov. 2017 | No rigorous evaluation measuring outcome of interest. |
| Hip-hop 2 prevent substance abuse and HIV | Dec. 2014 | No rigorous evaluation measuring outcome of interest. |
| Lead and Seed | Dec. 2014 | No rigorous evaluation measuring outcome of interest. |
| Marijuana Education Initiative | Jun. 2017 | No rigorous evaluation measuring outcome of interest. |
| Maternal Early Childhood Sustained Home-Visiting (MESCH) | Nov. 2017 | No rigorous evaluation measuring outcome of interest. |
| Media Detective | Dec. 2014 | No rigorous evaluation measuring outcome of interest. |
| Media Ready | Dec. 2014 | No rigorous evaluation measuring outcome of interest. |
| Minding the Baby | Nov. 2017 | No rigorous evaluation measuring outcome of interest. |
| Mobile phone "apps" for smoking cessation | Dec. 2014 | No rigorous evaluation measuring outcome of interest. |
| Native FACETS | Dec. 2014 | No rigorous evaluation measuring outcome of interest. |
| Not on Tobacco | Dec. 2014 | No rigorous evaluation measuring outcome of interest. |
| Nurturing Fathers | Jun. 2016 | No rigorous evaluation measuring outcome of interest. |
| PALS: Prevention through Alternative Learning Styles | Dec. 2014 | No rigorous evaluation measuring outcome of interest. |
| Project MAGIC | Dec. 2014 | No rigorous evaluation measuring outcome of interest. |
| Project Venture | Jun. 2014 | No rigorous evaluation measuring outcome of interest. |

| | | |
|---|-----------|---|
| Pyramid model | May. 2015 | No rigorous evaluation measuring outcome of interest. |
| Reality Tour | Dec. 2014 | No rigorous evaluation measuring outcome of interest. |
| Red Cliff Wellness School Curriculum | Jun. 2014 | No rigorous evaluation measuring outcome of interest. |
| Refuse, Remove, Reasons (RRR) High School Education Program | Dec. 2014 | No rigorous evaluation measuring outcome of interest. |
| Rock in Prevention, Rock PLUS | Dec. 2014 | No rigorous evaluation measuring outcome of interest. |
| Sembrando Salud | Dec. 2014 | No rigorous evaluation measuring outcome of interest. |
| SMART Leaders | Dec. 2014 | No rigorous evaluation measuring outcome of interest. |
| Stay SMART | Dec. 2014 | No rigorous evaluation measuring outcome of interest. |
| Storytelling for Empowerment | Dec. 2014 | No rigorous evaluation measuring outcome of interest. |
| Strengthening Multi-Ethnic Families and Communities | Jan. 2013 | No rigorous evaluation measuring outcome of interest. |
| TAP-Helping Teens Stop Using Tobacco | Dec. 2014 | No rigorous evaluation measuring outcome of interest. |
| Teens Against Tobacco Use (TATU) | Dec. 2014 | No rigorous evaluation measuring outcome of interest. |
| TEG-Intervening with Teen Tobacco Users | Dec. 2014 | No rigorous evaluation measuring outcome of interest. |
| Tobacco and Alcohol Prevention Program | Dec. 2014 | No rigorous evaluation measuring outcome of interest. |
| Youth and Family Link | Jun. 2016 | No rigorous evaluation measuring outcome of interest. |

Workforce Development

| Program name | Date of last literature review | Total benefits | Taxpayer benefits | Non-taxpayer benefits | Costs | Benefits minus costs (net present value) | Benefit to cost ratio | Chance benefits will exceed costs |
|--|--------------------------------|----------------|-------------------|-----------------------|-----------|--|-----------------------|-----------------------------------|
| Career and technical education academies | Dec. 2016 | \$14,943 | \$4,879 | \$10,065 | (\$5,566) | \$9,377 | \$2.68 | 85 % |
| Case management for unemployment insurance claimants | Nov. 2015 | \$3,628 | \$1,162 | \$2,467 | (\$182) | \$3,446 | \$19.90 | 68 % |
| Training with work experience for adult welfare recipients | Nov. 2015 | \$6,967 | \$3,805 | \$3,162 | (\$4,218) | \$2,749 | \$1.65 | 78 % |
| Job search and placement | Nov. 2015 | \$2,407 | \$1,520 | \$887 | (\$523) | \$1,884 | \$4.60 | 67 % |
| Work experience | Nov. 2015 | \$3,838 | \$2,574 | \$1,264 | (\$2,081) | \$1,757 | \$1.84 | 80 % |
| Training with work experience for adults, not targeting welfare recipients | Nov. 2015 | \$5,368 | \$2,394 | \$2,974 | (\$4,142) | \$1,226 | \$1.30 | 55 % |
| Case management for former welfare recipients | Nov. 2015 | (\$865) | \$426 | (\$1,291) | (\$2,950) | (\$3,815) | (\$0.29) | 19 % |
| Case management for welfare recipients or low-income individuals | Nov. 2015 | (\$903) | \$286 | (\$1,189) | (\$2,982) | (\$3,885) | (\$0.30) | 17 % |
| Training, no work experience | Nov. 2015 | \$3,923 | \$2,404 | \$1,519 | (\$8,394) | (\$4,470) | \$0.47 | 39 % |
| Training with work experience for youth | Nov. 2015 | (\$2,060) | \$823 | (\$2,882) | (\$7,478) | (\$9,538) | (\$0.28) | 34 % |

Higher Education

| Program name | Date of last literature review | Total benefits | Taxpayer benefits | Non-taxpayer benefits | Costs | Benefits minus costs (net present value) | Benefit to cost ratio | Chance benefits will exceed costs |
|---|--------------------------------|----------------|-------------------|-----------------------|-----------|--|-----------------------|-----------------------------------|
| Early college high school (for high school students) | Feb. 2018 | \$82,595 | \$19,195 | \$63,400 | (\$3,965) | \$78,629 | \$20.83 | 92 % |
| College in the high school (for high school students) | Feb. 2018 | \$37,546 | \$10,984 | \$26,563 | (\$270) | \$37,276 | \$139.00 | 100 % |
| College advising provided by counselors (for high school students) | Jan. 2018 | \$28,383 | \$6,644 | \$21,739 | (\$782) | \$27,601 | \$36.31 | 98 % |
| Dual enrollment (for high school students) | Dec. 2017 | \$26,290 | \$8,297 | \$17,992 | (\$1,510) | \$24,779 | \$17.41 | 100 % |
| Summer outreach counseling (for high school graduates) | Dec. 2016 | \$18,247 | \$4,248 | \$13,999 | (\$96) | \$18,151 | \$189.73 | 89 % |
| Performance-based scholarships (for high school students) | Dec. 2016 | \$6,049 | \$1,312 | \$4,737 | (\$1,505) | \$4,544 | \$4.02 | 92 % |
| Text message reminders (for high school students and graduates) | Jan. 2018 | \$3,887 | \$857 | \$3,031 | (\$9) | \$3,878 | \$410.21 | 60 % |
| Text message reminders (for 2-year college students) | Dec. 2016 | \$3,622 | \$531 | \$3,091 | (\$35) | \$3,587 | \$103.53 | 96 % |
| Student success courses (for 4-year college students) | Sep. 2017 | \$3,007 | \$705 | \$2,301 | (\$589) | \$2,418 | \$5.11 | 64 % |
| Student success courses (for 2-year college students) | Sep. 2017 | \$539 | \$55 | \$484 | (\$276) | \$264 | \$1.96 | 65 % |
| Learning communities—linked developmental and student success courses (for 2-year college students) | Jul. 2017 | \$147 | \$50 | \$97 | (\$381) | (\$234) | \$0.39 | 34 % |
| Brief information interventions (for high school students) | Nov. 2017 | (\$206) | (\$38) | (\$168) | (\$72) | (\$278) | (\$2.86) | 45 % |
| Learning communities—linked developmental and college courses (for 2-year college students) | Jul. 2017 | \$219 | \$101 | \$118 | (\$867) | (\$647) | \$0.25 | 18 % |
| Text message reminders (for 4-year college students) | Dec. 2016 | (\$970) | (\$145) | (\$825) | (\$35) | (\$1,005) | (\$27.73) | 12 % |
| College advising provided by a peer mentor (for high school students) | Dec. 2016 | (\$1,115) | (\$1,009) | (\$106) | (\$784) | (\$1,899) | (\$1.42) | 45 % |
| Performance-based scholarships (for 4-year college students) | Dec. 2016 | (\$242) | \$162 | (\$405) | (\$2,816) | (\$3,059) | (\$0.09) | 11 % |
| Performance-based scholarships (for 2-year college students) | Dec. 2016 | (\$1,075) | \$11 | (\$1,085) | (\$2,631) | (\$3,705) | (\$0.41) | 1 % |
| Intensive advising (for 2-year college students) | Nov. 2017 | (\$3,725) | (\$400) | (\$3,324) | (\$812) | (\$4,536) | (\$4.59) | 16 % |

Other Higher Education topics reviewed:

| Program name | Date of last literature review | Notes |
|---|--------------------------------|---|
| Accelerated Study in Associate Programs (ASAP) | Oct. 2017 | Click for meta-analytic results |
| Community college promise programs (for high school students) | Aug. 2017 | Click for meta-analytic results |
| Early commitment programs (for middle and high school students) | Dec. 2016 | Click for meta-analytic results |
| Merit aid (for college students) | Dec. 2016 | Click for meta-analytic results |
| Merit aid (for high school students) | Dec. 2016 | Click for meta-analytic results |
| Merit aid with financial need requirements (for high school students) | Dec. 2016 | Click for meta-analytic results |
| Need-based grants (for college students) | Dec. 2017 | Click for meta-analytic results |
| Need-based grants (for high school students and graduates) | Dec. 2017 | Click for meta-analytic results |
| Summer bridge (for high school graduates) | Dec. 2016 | Click for meta-analytic results |
| Tuition sticker price increase at 2-year college (for college students) | Aug. 2017 | Click for meta-analytic results |
| Tuition sticker price increase at 2-year college (for high school students and graduates) | Aug. 2017 | Click for meta-analytic results |
| Tuition sticker price increase at 4-year college (for 4-year college students) | Aug. 2017 | Click for meta-analytic results |
| Tuition sticker price increase at 4-year college (for high school students and graduates) | Aug. 2017 | Click for meta-analytic results |
| 15 to Finish | Nov. 2017 | No rigorous evaluation measuring outcome of interest. |
| College recovery programs | Dec. 2016 | No rigorous evaluation measuring outcome of interest. |
| Guided pathways | Oct. 2017 | No rigorous evaluation measuring outcome of interest. |
| Mathematics, Engineering, Science Achievement (MESA) program | Jan. 2018 | No rigorous evaluation measuring outcome of interest. |
| Open educational resources | Jun. 2017 | No rigorous evaluation measuring outcome of interest. |

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Washington State Institute for Public Policy

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