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.

### Higher Education

<table>
<thead>
<tr>
<th>Program name</th>
<th>Date of last literature review</th>
<th>Total benefits</th>
<th>Taxpayer benefits</th>
<th>Non-taxpayer benefits</th>
<th>Costs</th>
<th>Benefits minus costs (net present value)</th>
<th>Benefit to cost ratio</th>
<th>Chance benefits will exceed costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early college high school (for high school students)</td>
<td>Feb. 2018</td>
<td>$71,470</td>
<td>$13,380</td>
<td>$58,089</td>
<td>$(4,117)</td>
<td>$67,352</td>
<td>$17.36</td>
<td>92 %</td>
</tr>
<tr>
<td>College in the high school (for high school students)</td>
<td>Feb. 2018</td>
<td>$24,384</td>
<td>$5,043</td>
<td>$19,341</td>
<td>$(280)</td>
<td>$24,104</td>
<td>$87.02</td>
<td>100 %</td>
</tr>
<tr>
<td>College advising provided by counselors (for high school students)</td>
<td>Jan. 2018</td>
<td>$24,067</td>
<td>$4,973</td>
<td>$19,093</td>
<td>$(810)</td>
<td>$23,257</td>
<td>$29.70</td>
<td>97 %</td>
</tr>
<tr>
<td>Dual enrollment (for high school students)</td>
<td>Dec. 2017</td>
<td>$22,087</td>
<td>$5,343</td>
<td>$16,744</td>
<td>$(1,567)</td>
<td>$20,520</td>
<td>$14.10</td>
<td>100 %</td>
</tr>
<tr>
<td>Summer outreach counseling (for high school graduates)</td>
<td>Dec. 2016</td>
<td>$15,412</td>
<td>$3,162</td>
<td>$12,250</td>
<td>$(100)</td>
<td>$15,312</td>
<td>$154.33</td>
<td>89 %</td>
</tr>
<tr>
<td>Performance-based scholarships (for high school students)</td>
<td>Dec. 2016</td>
<td>$5,261</td>
<td>$949</td>
<td>$4,312</td>
<td>$(1,561)</td>
<td>$3,700</td>
<td>$3.37</td>
<td>72 %</td>
</tr>
<tr>
<td>Text message reminders (for 2-year college students)</td>
<td>Dec. 2016</td>
<td>$3,632</td>
<td>$462</td>
<td>$3,170</td>
<td>$(36)</td>
<td>$3,596</td>
<td>$99.89</td>
<td>96 %</td>
</tr>
<tr>
<td>Text message reminders (for high school students and graduates)</td>
<td>Jan. 2018</td>
<td>$3,306</td>
<td>$628</td>
<td>$2,678</td>
<td>$(10)</td>
<td>$3,296</td>
<td>$336.40</td>
<td>60 %</td>
</tr>
<tr>
<td>Student success courses (for 4-year college students)</td>
<td>Sep. 2017</td>
<td>$3,433</td>
<td>$688</td>
<td>$2,745</td>
<td>$(611)</td>
<td>$2,822</td>
<td>$5.62</td>
<td>63 %</td>
</tr>
<tr>
<td>College advising provided by a peer mentor (for high school students)</td>
<td>Dec. 2016</td>
<td>$1,912</td>
<td>$477</td>
<td>$1,434</td>
<td>$(814)</td>
<td>$1,098</td>
<td>$2.35</td>
<td>53 %</td>
</tr>
<tr>
<td>Student success courses (for 2-year college students)</td>
<td>Sep. 2017</td>
<td>$611</td>
<td>$47</td>
<td>$564</td>
<td>$(286)</td>
<td>$325</td>
<td>$2.13</td>
<td>65 %</td>
</tr>
<tr>
<td>Learning communities—linked developmental and student success courses (for 2-year college students)</td>
<td>Jul. 2017</td>
<td>$179</td>
<td>$50</td>
<td>$129</td>
<td>$(396)</td>
<td>$(217)</td>
<td>$0.45</td>
<td>34 %</td>
</tr>
<tr>
<td>Brief information interventions (for high school students)</td>
<td>Nov. 2017</td>
<td>$(153)</td>
<td>$(22)</td>
<td>$(131)</td>
<td>$(75)</td>
<td>$(227)</td>
<td>$(2.04)</td>
<td>43 %</td>
</tr>
<tr>
<td>Learning communities—linked developmental and college courses (for 2-year college students)</td>
<td>Jul. 2017</td>
<td>$259</td>
<td>$95</td>
<td>$164</td>
<td>$(902)</td>
<td>$(643)</td>
<td>$0.29</td>
<td>17 %</td>
</tr>
<tr>
<td>Text message reminders (for 4-year college students)</td>
<td>Dec. 2016</td>
<td>$(1,016)</td>
<td>$(130)</td>
<td>$(887)</td>
<td>$(36)</td>
<td>$(1,053)</td>
<td>$(27.94)</td>
<td>11 %</td>
</tr>
<tr>
<td>Performance-based scholarships (for 4-year college students)</td>
<td>Dec. 2016</td>
<td>$(200)</td>
<td>$149</td>
<td>$(349)</td>
<td>$(2,918)</td>
<td>$(3,118)</td>
<td>$(0.07)</td>
<td>11 %</td>
</tr>
<tr>
<td>Performance-based scholarships (for 2-year college students)</td>
<td>Dec. 2016</td>
<td>$(1,091)</td>
<td>$(9)</td>
<td>$(1,100)</td>
<td>$(2,733)</td>
<td>$(3,824)</td>
<td>$(0.40)</td>
<td>1 %</td>
</tr>
<tr>
<td>Intensive advising (for 2-year college students)</td>
<td>Nov. 2017</td>
<td>$(3,628)</td>
<td>$(225)</td>
<td>$(3,402)</td>
<td>$(842)</td>
<td>$(4,470)</td>
<td>$(4.31)</td>
<td>17 %</td>
</tr>
</tbody>
</table>
### Other Higher Education topics reviewed:

<table>
<thead>
<tr>
<th>Program name</th>
<th>Date of last literature review</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accelerated Study in Associate Programs (ASAP)</td>
<td>Oct. 2017</td>
<td>Click for meta-analytic results</td>
</tr>
<tr>
<td>Community college promise programs (for high school students)</td>
<td>Aug. 2017</td>
<td>Click for meta-analytic results</td>
</tr>
<tr>
<td>Early commitment programs (for middle and high school students)</td>
<td>Dec. 2016</td>
<td>Click for meta-analytic results</td>
</tr>
<tr>
<td>Merit aid (for college students)</td>
<td>Dec. 2016</td>
<td>Click for meta-analytic results</td>
</tr>
<tr>
<td>Merit aid (for high school students)</td>
<td>Dec. 2016</td>
<td>Click for meta-analytic results</td>
</tr>
<tr>
<td>Merit aid with financial need requirements (for high school students)</td>
<td>Dec. 2016</td>
<td>Click for meta-analytic results</td>
</tr>
<tr>
<td>Need-based grants (for college students)</td>
<td>Dec. 2017</td>
<td>Click for meta-analytic results</td>
</tr>
<tr>
<td>Need-based grants (for high school students and graduates)</td>
<td>Dec. 2017</td>
<td>Click for meta-analytic results</td>
</tr>
<tr>
<td>Summer bridge (for high school graduates)</td>
<td>Dec. 2016</td>
<td>Click for meta-analytic results</td>
</tr>
<tr>
<td>Tuition sticker price increase at 2-year college (for college students)</td>
<td>Aug. 2017</td>
<td>Click for meta-analytic results</td>
</tr>
<tr>
<td>Tuition sticker price increase at 2-year college (for high school students and graduates)</td>
<td>Aug. 2017</td>
<td>Click for meta-analytic results</td>
</tr>
<tr>
<td>Tuition sticker price increase at 4-year college (for 4-year college students)</td>
<td>Aug. 2017</td>
<td>Click for meta-analytic results</td>
</tr>
<tr>
<td>Tuition sticker price increase at 4-year college (for high school students and graduates)</td>
<td>Aug. 2017</td>
<td>Click for meta-analytic results</td>
</tr>
<tr>
<td>15 to Finish</td>
<td>Nov. 2017</td>
<td>No rigorous evaluation measuring outcome of interest.</td>
</tr>
<tr>
<td>College recovery programs</td>
<td>Dec. 2016</td>
<td>No rigorous evaluation measuring outcome of interest.</td>
</tr>
<tr>
<td>Open educational resources</td>
<td>Jun. 2017</td>
<td>No rigorous evaluation measuring outcome of interest.</td>
</tr>
</tbody>
</table>

For further information, contact: (360) 664-9800, institute@wsipp.wa.gov

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