

School-Based Service Learning

Program description:

School-based service learning programs promote integration of service-learning in the school curriculum and deliver services to the community. Students are involved in community field experiences in nursing homes, senior centers, and child centers, among other locations. This program is coupled with classroom discussions of their experiences to reinforce social and critical skills and help students develop as individuals and as engaged citizens. Health education and/or social studies may be included in the curriculum. Typically, these programs target higher risk student populations.

Typical age of primary program participant: 15

Typical age of secondary program participant: N/A

Meta-Analysis of Program Effects

Outcomes Measured	Primary or Secondary Participant	No. of Effect Sizes	Unadjusted Effect Sizes (Random Effects Model)			Adjusted Effect Sizes and Standard Errors Used in the Benefit-Cost Analysis					
			ES	SE	p-value	First time ES is estimated			Second time ES is estimated		
						ES	SE	Age	ES	SE	Age
Teen pregnancy (under age 18)	P	3	-0.20	0.19	0.00	-0.16	0.19	16	-0.16	0.39	26

Benefits and costs were not estimated for teen pregnancy prevention programs.

Discount Rates Applied to the Meta-Analysis

Type of Discount	Discount Rate
1- Less well-implemented comparison group or observational study, with some covariates.	0.5
2- Well-implemented comparison group design, often with many statistical controls.	0.5
3- Well-done observational study with many statistical controls (e.g., instrumental variables).	0.75
4- Random assignment, with some implementation issues.	0.75
5- Well-done random assignment study.	1.00
Program developer = researcher	0.5
Unusual (not "real-world") setting	0.5
Weak measurement used	0.5

Studies Used in the Meta-Analysis

Coyle, K. K., Kirby, D. B., Robin, L. E., Banspach, S. W., Baumler, E., & Glassman, J. R. (2006). All4You! A randomized trial of an HIV, other STDs, and pregnancy prevention intervention for alternative school students. *AIDS Education and Prevention*, 18(3), 187-203.

Melchior, A. (1998, July). *National evaluation of learn and serve America school and community-based programs: Final report*. Cambridge, MA: Abt Associates.

O'Donnell, L., Stueve, A., O'Donnell, C., Duran, R., San Doval, A., Wilson, R. F., . . . Pleck, J. H. (2002) Long-term reductions in sexual initiation and sexual activity among urban middle schoolers in the Reach for Health service learning program. *Journal of Adolescent Health*, 31(1), 93-100.