

Appendix
Community Guide Methods for Systematic Reviews of Economic Evidence
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Appendix Table 1. Variables and Information Abstracted for Economic Review of Tailored Pharmacy-based Interventions for Medication Adherence

Study Characteristics	Study Author (Year), Trial Name, Design, Comparison, Perspective, Analytic Years, Funding- Pharma/Public/None
Intervention Characteristics	CVD Prevention or CVD Management, Pilot/Trial/Full-scale, Setting, Pharmacist Type, Additional Interventions, Intervention Length, Duration of intervention, Intervention Summary, Selection of patients, Frequency of contacts, Components of Pharmacist Meeting, Disease Focus
Population Characteristics	Area (US Census region), City, Country, State (US), Intervention Size, Control Size, % CVD, % T2DM, % Dyslipidemia, % HTN%, Mean Age, % Female, % Minority, % Medicaid, % Medicare, % Commercial Insurance, % Less than HS, % Unemployed, % Urban/Rural, Patient selection
Currency	Currency, Index Year, CPI, PPP
Intervention Costs	Intervention cost per patient per year, Intervention Cost Components, Source of Intervention Cost
Change in Healthcare Costs	Change in Healthcare cost per patient per year, Healthcare Cost Method, Healthcare Cost Modeled (Y/N)?, Healthcare cost components, Type Healthcare Cost (Whether CVD or All Cause), Source of Healthcare Cost
Cost Offsets (Benefits)	Productivity at worksites
Cost-effectiveness	QALY/DALY, QALY/DALY Modeled (Y/N)?, Cost per QALY/DALY, Cost-effectiveness Horizon
Cost-benefit	Intervention Cost Plus Benefits Period, Cost-benefit, ROI
Effectiveness Changes and Baseline Values	Other Effectiveness Measures, Adherence Change, SBP Change, DBP Change, LDL Change, A1c Change, QoL Change, Adherence Baseline, SBP Baseline, DBP Baseline, LDL Baseline, A1c Baseline, QoL Baseline

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Appendix Table 2. Variables and Information Abstracted for Economic Review of Permanent Supportive Housing with Housing First

Study Characteristics	Study Authors (Year), Country, State (US), Region (US), City, Design, Comparison, Perspective, Pilot/Trial/Full-scale, Setting, Trial Name, Funding Source
Intervention Characteristics	Additional Interventions, Intervention Length, Follow-up (Health outcomes), Intervention Size, Control Size, Intervention Year (Index), Patient Selection, Services Offered, Setting, Urban/Rural, Summary, Comparison
Population Characteristics	Disease/Condition Focus, Mean Age, % Female, % Race Black, % Race White, % Race Hispanic, % Race Other, % Veterans, % Medicaid, % Medicare, % Commercial Insurance, % Less than HS, % Unemployed, % Alcohol Use, % Substance Use, % With Arrest History, % with Hospitalization History, Longest Homeless (months)
Currency	Currency, Index Year, Consumer Price Index (CPI), Purchasing Power Parity (PPP)
Intervention Costs	Intervention Cost per Patient per Year, Intervention Cost Components, Source of Intervention Cost, Estimation Methods for Intervention Cost
Change in Healthcare Costs	Time Horizon (months), Change in Healthcare Cost, Change in Physical Healthcare Cost, Change in Mental Healthcare Cost, Change in SUD Healthcare Cost, Healthcare Cost Method, Healthcare Cost Modeled (Y/N), Healthcare Cost Components, Source of Healthcare Cost
Cost Offsets (Benefits)	Change in Total Benefits (Cost Offsets), Components of Benefits, Change in Productivity, Change in Welfare, Change in Interim Housing, Change in Judicial, Change in Other Costs, Benefits Period (months), Benefits Estimation Method, Benefits Modeled (Y/N), Source of Benefits
Cost-effectiveness	Change in Quality Adjusted Life Year (QALY) or Disability Adjusted Life Year (DALY), QALY/DALY Method, Cost per QALY or DALY, Cost per QALY/DALY Modeled (Y/N), Cost-effectiveness Horizon, Cost-effectiveness Method
Cost-benefit	Cost-benefit (C-B), Return on Investment (ROI), Included Benefits Components, C-B or ROI Time Period
Effectiveness Changes and Baseline Values	Homelessness, Housing Stability, Hospital or Emergency Department (ED) Use, HIV-Related Health, Wellness or Quality of Life, Arrests or Jail, Other, Source of Effectiveness Outcomes, Methods for Estimation, Follow-up Period

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Appendix Table 3. Community Guide Systematic Economic Reviews: Comparisons between Original* and Updated Methods

Original Methods	Updated Methods
Involve 4 steps: (1) systematic literature search; (2) selection of studies using economic analytic methods, such as cost, cost-effectiveness, cost-benefit or cost-utility analyses based on explicit inclusion criteria; (3) abstraction and adjustment of economic data using a standardized abstraction form; and (4) listing of adjusted summary measures in summary tables and their interpretation	Involve 9 steps: (1) prioritization of review; (2) creation of a Coordination Team; (3) conceptualization of review; (4) literature search; (5) screening studies for inclusion; (6) abstraction of studies; (7) analysis of results; (8) translation of evidence to CPSTF economic findings; and (9) dissemination of findings and evidence gaps
Inflation adjustment with either the consumer price index (CPI) or the medical consumer price index (MCPI) and conversion of foreign currencies to U.S. dollars using purchasing power parity rates	No change except for inflation adjustment, which uses consumer price index (CPI) to provide conservative cost and economic benefit estimates
No quality scoring of economic estimates	Explicit quality assessment of each economic estimate based on two domains: quality of capture and quality of measurement
Economic evidence is included in the Rationale section of the Community Preventive Service Task Force's Recommendation and Rationale Statement	Reporting of any cost-benefit, ROI, and cost-effectiveness finding is included within the Recommendation section after the recommendation statement and also in the Rationale section
No decision criteria for generating economic findings for the Community Preventive Services Task Force (CPSTF)	Explicit decision tables based on study quality and the quality of economic estimates, together with the number of estimates, are used to obtain a CPSTF economic finding
Use societal perspective for costs, economic benefits and summary economic estimates following the guideline of the Panel on Cost-Effectiveness in Health and Medicine	Allow for ROI economic finding based on the narrower perspective of the investor

* Carande-Kulis VG, Maciosek MV, Briss PA, Teutsch SM, Zaza S, Truman BI, Messonnier ML, Pappaioanou M, Harris JR, Fielding J. Methods for systematic reviews of economic evaluations for the Guide to Community Preventive Services. Task Force on Community Preventive Services. Am J Prev Med. 2000 Jan;18(1 Suppl):75-91.