Appendix C
Abstraction Forms

General Population (pages 167-194)
Cancer Population (pages 195-216)

Data abstraction form for general population

Data Abstraction Form

Tracking Information: **original edited based on other info:** ○ Yes ○ No

Abstractor: [_____]

Study Name (if has one): ....   **>1 study in papers:** [_____]

Citation: Paper ID: _____   First Author _____

Journal: _____   Publication year _____

Paper ID: _____   First Author _____

Journal: _____   Publication year _____

Paper ID: _____   First Author _____

Journal: _____   Publication year _____

Paper ID: _____   First Author _____

Journal: _____   Publication year _____

Paper ID: _____   First Author _____

Journal: _____   Publication year _____

Paper ID: _____   First Author _____

Journal: _____   Publication year _____

Funding Source: ☐ Government ☐ Private ☐ Non-funded ☐ Unknown

Study Type: ○ Journal article ○ Technical report ○ Other…

[Next Page]

Data abstraction form for general population (continued)

Verification/Selection of Study Eligibility

Stop if any of the following is "No"

Reported on a behavioral intervention or policy change	○ Yes	○ No	○ Unclear	**Qualify (1=no)** [0]
Reported any physical activity /physical fitness	○ Yes	○ No	○ Unclear	
Concurrent comparison group with reported results	○ Yes	○ No	○ Unclear	
Have ≥ 75 subjects in total	○ Yes	○ No	○ Unclear	
Reported at least 3 month post intervention f/u data	○ Yes	○ No	○ Unclear	

Stop if any of the following is "Yes"

Targets subjects with acute disease	○ Yes	○ No	○ Unclear
Targets subjects with CHD, PVD, CVD	○ Yes	○ No	○ Unclear
Targets subjects with cystic fibrosis	○ Yes	○ No	○ Unclear
Targets subjects with osteoarthritis	○ Yes	○ No	○ Unclear
Targets subjects with severe COPD	○ Yes	○ No	○ Unclear
Targets nursing home residents or prisoners	○ Yes	○ No	○ Unclear
Study of a cardiac rehabilitation program	○ Yes	○ No	○ Unclear
Study of rehabilitation/physiotherapy intervention	○ Yes	○ No	○ Unclear

If Yes, describe:

Do not stop for following but bring information to meeting for discussion:

Is there any other disease in this sample?	○ Yes	○ No	○ Unclear
Are there any other risk factors in this sample?	○ Yes	○ No	○ Unclear

If Yes, describe:

[BACK]   [NEXT]

Classification Information

A. Study Design:

○ Randomized
○ Non-randomized   } ○ Individual   ○ Group
○ Other…

B. Study Sample:

Eligibility Criteria:

....
....
....
....
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....
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....
....

Setting for recruitment (check all that apply):

☐ Unknown
☐ School
☐ Community
☐ Worksite
☐ Primary care or health care
☐ Home
☐ Public health agency ⟶ ○ Federal ○ State ○ Local ⟶ Specify: ....

☐ Other governmental agency
⟶ ○ Federal ○ State ○ Local ⟶ Specify: ....
☐ Other…

[BACK]   [NEXT]

Intervention Information

C. Interventions:

Number of intervention groups: _____

Number of comparison groups: _____

Intervention part of a larger study?:

○ Yes ──────────→ If Yes, Describe:
○ No

....
....
....
....
....
....

Intervention description:

If more than one comparison group, enter comparison groups as "intervention" groups starting with #1. For all of the groups, select below each button whether the group is an intervention or comparison group.

| Comparison group | Intervention Group #1 | Intervention group #2 | Intervention Group #3 | Intervention Group #4 | Intervention Group #5 | Intervention Group #6 |

You should enter intervention information for all groups before proceeding. You should have entered information on

groups. You should see a working name for each intervention above the buttons.

C. Sampling of the population:

To create the comparison and intervention groups, were groups sampled (e.g., clinics or schools) or individuals?

[Groups] [Individuals]

[BACK]

If there was only one comparison group, the following three pages were completed.

Intervention description: Comparison group (page 1)

Working name (less than 8 characters): ....

Intervention setting:

☐ Unknown   ☐ Public health agency   ○ Federal
☐ School   ○ State
☐ Community   ☐ Other governmental agency   ○ Local   → Specify: ....
☐ Worksite   ○ Federal → Specify: ....
☐ Primary care or health care ☐ Other...   ○ State
☐ Home   ○ Local

For this group, was there a physical activity intervention, non-physical activity intervention or neither?

○ Physical activity intervention   ○ Non-physical activity intervention   ○ No specific intervention

Intervention components:

☐ Provision of information   ☐ Public health or medical care intervention   ☐ Combined with smoking cessation
☐ Environmental intervention   ☐ Combined with diet   ☐ Not Specified

PA Mode/Type:

☐ Walking   ☐ Biking   ☐ Resistance exercise
☐ Jogging   ☐ Garden or yardwork   ☐ Stretching and relaxation techniques
☐ Exercise class   ☐ Lifestyle Exercise   ☐ Not specified
☐ Stair climbing   ☐ Aerobic activity undefined or multiple modes ☐ Other...

PA Intensity:

○ Light   ○ Moderate   ○ Vigorous   ○ Not specified   ○ Not clear

PA Frequency:

sessions per week _____   ○ Not specified   ○ Not clear

Frequency of contact:

frequency (include units) _____   ○ Not specified   ○ Not clear

Who is contact with? _____

PA duration: (short vs long bouts)

_____ [   ]   ○ Not specified   ○ Not clear

[BACK]   [NEXT]

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Intervention description: Comparison group (page 2)

PA location:

☐ Home ☐ Community ☐ Worksite ☐ Not specified ☐ Other...
☐ Exercise facility ☐ School ☐ Assisted Living Facility ☐ Not clear

Intervention Tailoring:

☐ None ☐ Culture
☐ Stage of life or age ☐ Exercise preferences or goals
☐ Stage of readiness for change and other psychological variables ☐ Risk factor status
☐ Gender ☐ Other...

Intervention Mode:

☐ Mail ☐ Internet or email ☐ Computerized feedback system ☐ Other...
☐ Telephone ☐ In person ☐ Not specified

Intervention delivery:

☐ Individual ☐ Group ☐ Not specified

Behavioral intervention approaches:

☐ None ☐ Written Feedback or verbal encouragement ☐ Education on normal response to exercise
☐ Problem solving ☐ Provision of equipment ☐ Education on why one should exercise
☐ Self monitoring ☐ Self efficacy enhancement ☐ Not clear
☐ Goal setting ☐ Social support ☐ Other...
☐ Relapse prevention ☐ Skill building
☐ Incentives and contracts ☐ Benefits and barriers

Monetary cost of participation fees, gear and equipment:

○ None ○ Low ○ Medium or High ○ Not specified ○ Not clear

Regimen structure versus flexibility:

○ High structure ○ Middleground ○ High flexibility ○ Not applicable ○ Not clear

Physical/environmental barriers addressed:

☐ None ☐ Distance ☐ Safety ☐ Transportation ☐ Accessibility ☐ Not clear

[BACK] [NEXT]

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Intervention description: Comparison group (page 3)

Description of the intervention:

What:

....

....

How:

....

....

Who:

....

....

Where:

....

....

Other:

....

....

Total length of the intervention: ....

Maximum length of follow-up for this intervention: ....

Was there a theory presented as 'underlying the intervention'?:

○ Yes ⟶ Describe: ☐ Social Learning Theory .... (Bandura 1977)

○ No   ☐ Social Cognitive Theory .... (Bandura 1986)

                          ☐ Transtheoretical Model or Stages of Change .... (Prochaska)

                          ☐ Decision Making Theory .... (Janis and Mann)

                          ☐ Social Ecology Theory .... (Stokel)

                          ☐ Problem Behavior Model .... (Jessor and Jessor)

                          ☐ Motivational Interviewing ....

                          ☐ Health Belief Model ....

                          ☐ Other ....

[BACK]   [NEXT]

Data abstraction form for general population (continued)

If there was more than one comparison group, they were identified as intervention groups starting with #1 up to #6. For each intervention, they completed the next three pages.

Intervention description: Intervention group 1 (page 1)

Working name (less than 8 characters): ....

Intervention setting:

☐ Unknown   ☐ Public health agency   →   ○ Federal
☐ School   ○ State   → Specify:...
☐ Community   ○ Local
☐ Worksite   ☐ Other governmental agency → ○ Federal → Specify:...
☐ Primary care or health care   ☐ Other…   ○ State
☐ Home   ○ Local

For this group, was there a physical activity intervention, non-physical activity intervention or neither?

○ Physical activity intervention   ○ Non-physical activity intervention   ○ No specific intervention

Intervention components:

☐ Provision of information   ☐ Public health or medical care intervention   ☐ Combined with smoking cessation
☐ Environmental intervention   ☐ Combined with diet   ☐ Not Specified

PA Mode/Type:

☐ Walking   ☐ Biking   ☐ Resistance exercise
☐ Jogging   ☐ Garden or yardwork   ☐ Stretching and relaxation techniques
☐ Exercise class   ☐ Lifestyle Exercise   ☐ Not specified
☐ Stair climbing   ☐ Aerobic activity undefined or multiple modes   ☐ Other…

PA Intensity:

○ Light   ○ Moderate   ○ Vigorous   ○ Not specified   ○ Not clear

PA Frequency:

\# sessions per week   _____   ○ Not specified   ○ Not clear

Frequency of contact:

frequency (include units)   _____   ○ Not specified   ○ Not clear

Who is contact with?   _____

PA duration: (short vs long bouts)

_____ [box]   ○ Not specified   ○ Not clear

[BACK]   [NEXT]

Data abstraction form for general population (continued)

Intervention description: Intervention group 1 (page 2)

PA location:

☐ Home   ☐ Community ☐ Worksite   ☐ Not specified ☐ Other…
☐ Exercise facility ☐ School   ☐ Assisted Living Facility ☐ Not clear

Intervention Tailoring:

☐ None   ☐ Culture
☐ Stage of life or age   ☐ Exercise preferences or goals
☐ Stage of readiness for change and other psychological variables ☐ Risk factor status
☐ Gender   ☐ Other…

Intervention Mode:

☐ Mail   ☐ Internet or email ☐ Computerized feedback system ☐ Other…
☐ Telephone ☐ In person   ☐ Not specified

Intervention delivery:

☐ Individual ☐ Group ☐ Not specified

Behavioral intervention approaches:

☐ None   ☐ Written Feedback or verbal encouragement ☐ Education on normal response to exercise
☐ Problem solving   ☐ Provision of equipment   ☐ Education on why one should exercise
☐ Self monitoring   ☐ Self efficacy enhancement   ☐ Not clear
☐ Goal setting   ☐ Social support   ☐ Other…
☐ Relapse prevention   ☐ Skill building
☐ Incentives and contracts ☐ Benefits and barriers

Monetary cost of participation fees, gear and equipment:

○ None ○ Low ○ Medium or High ○ Not specified ○ Not clear

Regimen structure versus flexibility:

○ High structure ○ Middleground ○ High flexibility ○ Not applicable ○ Not clear

Physical/environmental barriers addressed:

☐ None ☐ Distance ☐ Safety ☐ Transportation ☐ Accessibility ☐ Not clear

[BACK]   [NEXT]

Intervention description: Intervention group 1 (page 3)

Description of the intervention:

What:

....
....

How:

....
....

Who:

....
....

Where:

....
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Other:

....
....

Total length of the intervention: ....

Maximum length of follow-up for this intervention: ....

Was there a theory presented as 'underlying the intervention'?:

○ Yes ⟶ Describe: ☐ Social Learning Theory .... (Bandura 1977)
○ No ☐ Social Cognitive Theory .... (Bandura 1986)
  ☐ Transtheoretical Model or Stages of Change .... (Prochaska)
  ☐ Decision Making Theory .... (Janis and Mann)
  ☐ Social Ecology Theory .... (Stokel)
  ☐ Problem Behavior Model .... (Jessor and Jessor)
  ☐ Motivational Interviewing ....
  ☐ Health Belief Model ....
  ☐ Other ....

[BACK] [NEXT]

Population and Sample Number (Groups sampled)

Type of Group:

Total number of groups within population of groups: .... ○ Not noted

How sampled:						
Number Groups Enrolled:						
How sampled:						
Number Individuals Enrolled:						

Is the response rate from the sampling frame indicated in the paper?

○ Yes ⟶ Describe: ....

○ No   ....

[BACK] [NEXT]

Population and Sample Number (Individuals sampled)

"N" for sampling frame: .... ○ Not noted

How sampled:						
Number Individuals Observed:						

Is the response rate from the sampling frame indicated in the paper?

○ Yes ⟶ Describe: ....
○ No ....

[BACK] [NEXT]

Data abstraction form for general population (continued)

Sample Demographics

								Sig.
Age:								
Mean								
Standard deviation:								
Median								
Age Range:	--	--	--	--	--	--	--	
Other:								
Not reported:	○ NR	○ NR	○ NR	○ NR	○ NR	○ NR	○ NR	
Gender:								
% male								
% female								
% unknown								
Not reported:	○ NR	○ NR	○ NR	○ NR	○ NR	○ NR	○ NR	
Race:								
% White								
% Black								
% Asian								
% American Indian								
% Pacific								
% Other								
Not reported:	○ NR	○ NR	○ NR	○ NR	○ NR	○ NR	○ NR	
Ethnicity:								
% Hispanic or Latino								
% **NOT** Hispanic/Latino								
% Other								
Not reported:	○ NR	○ NR	○ NR	○ NR	○ NR	○ NR	○ NR	
Socioeconomic status:								

○ TO **Check here if only total population numbers reported so column represents total sample**

Paper ID, page & table:

[BACK] [NEXT]

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Data abstraction form for general population (continued)

Other factor definitions

Factor 1:
Short Factor name:
Measure: [   ]
Units: ....
Results reported as: [   ]

Factor 2:
Short Factor name:
Measure: [   ]
Units: ....
Results reported as: [   ]

Factor 3:
Short Factor name:
Measure: [   ]
Units: ....
Results reported as: [   ]

Factor 4:
Short Factor name:
Measure: [   ]
Units: ....
Results reported as: [   ]

Factor 5:
Short Factor name:
Measure: [   ]
Units: ....
Results reported as: [   ]

Factor 6:
Short Factor name:
Measure: [   ]
Units: ....
Results reported as: [   ]

Factor 7:
Short Factor name:
Measure: [   ]
Units: ....
Results reported as: [   ]

Factor 8:
Short Factor name:
Measure: [   ]
Units: ....
Results reported as: [   ]

Factor 9:
Short Factor name:
Measure: [   ]
Units: ....
Results reported as: [   ]

Factor 10:
Short Factor name:
Measure: [   ]
Units: ....
Results reported as: [   ]

[Define Factor] **If the desired measure does not appear in the pull-down menu, click here to define additional factors**

[BACK] [NEXT]

Define Factor

To enter additional factors, first click below to bring up "factor". Then enter additional factors in list. Try not to create more than one name for the same factor.

| factor | **Click Here**

[BACK]

Data abstraction form for general population (continued)

Other Sample Characteristics

							Sig.

Paper ID, page & table:

○ T.O. Check here if only total population numbers reported so column represents total sample

BACK   NEXT

Outcome Measure Descriptions

Evaluation study characteristics:

Location: [   ]   **If not USA, describe:** ....

....

Setting:

☐ Hospital   ☐ Mental health setting   ☐ Home   ☐ Not reported
☐ Clinic or health care provider office ☐ Community based organization   ☐ Prison   ☐ Does not apply
☐ Nursing home   ☐ School   ☐ Street   ☐ Other…
☐ Child day care center   ☐ Workplace   ☐ Shelter
☐ Drug treatment center   ☐ Religious institution   ☐ Community wide

Describe outcome measures used in study: **Describe:** ....

....

....

....

Outcome Measures:

Click on each button and enter the information on that outcome measure. If one outcome is noted as the primary outcome, it should be Outcome 1.

Outcome 1	Outcome 2	Outcome 3	Outcome 4	Outcome 5
Outcome 6	Outcome 7	Outcome 8	Outcome 9	Outcome 10
Outcome 11	Outcome 12	Outcome 13	Outcome14	Outcome 15

[BACK]   [NEXT]

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Data abstraction form for general population (continued)

There could be more than one outcome measure identified. The following page would be completed for each outcome identified.

Data abstraction form for general population (continued)

Outcome 1 Definition

Short outcome name: ....

Outcome name: [   ]

Outcome measure: [   ]

How was outcome measured:

- ☐ Resource utilization .... ☐ Attendance record review ☐ Other ....
- ☐ Observation .... ☐ Physical activity log ....
- ☐ Interview .... ☐ Accelerometer ....
- ☐ Self administed questionnaire ☐ Pedometer ....
- ☐ Fitness test .... ☐ Not reported ....

Units: ....

Describe how was outcome measured:

....

....

....

To enter additional outcome names, first click below to bring up "outcome". Then enter additional outcomes in list. Try not to create more than one name for the same outcome.

To enter additional outcome measures for an outcome, first click below to bring up the outcome name. Then enter additional outcome measures in the list. Try not to create more than one name for the same outcome.

[   ] **Click Here**

BACK

Exposure to Intervention

Assessment of exposure to the intervention:

☐ Resource utilization   ⟶ Describe:

☐ Observation   ⟶ Describe:

☐ Self report   ⟶ Describe:

☐ Fitness test   ⟶ Describe:

☐ Attendance sheets   ⟶ Describe:

☐ Staff completed process evaluation forms ⟶ Describe:

☐ % of completed interaction contacts   ⟶ Describe:

☐ Not reported/did not assess   ⟶ Describe:

☐ Other…

BACK   NEXT

Results and Mediators

Was there a univariate or bivariate model used with no adjustments employed?

○ Yes ⟶ Paper ID(s), Page numbers, Table numbers
○ No

....
....
....

Was there a multivariate model used?

○ Yes ⟶ Paper ID(s), Page numbers, Table numbers
○ No

....
....

Were results examined for sub-groups?

○ Yes ⟶ Paper ID(s), Page numbers, Table numbers
○ No

....
....

Mediators

Were there any hypothesized mediators for changes in PA behavior?

○ Yes ⟶ Describe: ....
○ No

....
....

Was exposure to mediators assessed?

○ Yes ⟶ Describe: ....
○ No

....
....

Was there any statistical analysis to assess whether change in mediator was associated with the change in physical activity?

○ Yes ⟶ Paper ID(s), Page numbers, Table numbers
○ No

....

[BACK] [NEXT]

Other information

What other key issues were addressed in the paper?

☐ Costs
☐ Potential harms
☐ Other benefits
☐ Implementation
☐ Barriers to implementation
☐ Community acceptance or involvement
☐ formation of use of existing coalitions to develop, implement or evaluate interventions
☐ Ethical constraints
☐ Not discussed
☐ Other…

Other important information:

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Relevant references:

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| BACK | NEXT |

Study quality: Descriptions and Samplings

Descriptions:

Was the study sample well described?

○ Yes   ○ No

Was the intervention well described (what, how, who, where)?

○ Yes   ○ No

Explain:

....
....
....
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....

Samplings:

Did the authors specify the sampling frame or universe of selection for the study sample?

○ Yes   ○ No   ○ NA   ○ NR

Was the sample that served as the unit of analysis the entire eligible sample or a probability sample at the point of reference?

○ Yes   ○ No   ○ NA   ○ NR

Are there other selection bias issues not otherwise addressed?

○ Yes   ○ No   ○ NA   ○ NR

Explain:

....
....
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....

BACK   NEXT

Study quality: Measurement

Measurement:

Did the authors attempt to measure exposure to the intervention?

O Yes O No O NA O NR

Was the exposure variable valid?

O Yes O No O NA O NR

Was the exposure variable reliable (consistent and reproducible)?

O Yes O No O NA O NR

Were the outcome and other independent (or predictor) variables valid?

O Yes O No O NA O NR

Were the outcome and other independent (or predictor) variables reliable (consistent and reproducible)?

O Yes O No O NA O NR

Explain:

....
....
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....
....

[BACK] [NEXT]

Study quality: Analysis

Data analysis:

Did the authors conduct appropriate statistical testing by:

conducting statistical testing (when appropriate)?

○ Yes   ○ No   ○ NA   ○ NR

reporting which statistical tests were used?

○ Yes   ○ No   ○ NA   ○ NR

controlling for repeated measures in samples that were followed over time?

○ Yes   ○ No   ○ NA   ○ NR

controlling for differential exposure to the intervention?

○ Yes   ○ No   ○ NA   ○ NR

using a model designed to handle multi-level data when they included group-level and individual covariates in the model?

○ Yes   ○ No   ○ NA   ○ NR

Explain:

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<div align="center">

Study quality: Interpretation

</div>

Interpretation of Results:

Did at least 80% of enrolled participants complete the study?

○ Yes ○ No ○ NA ○ NR

Did the authors assess if the units of analysis were comparable prior to exposure to the intervention?

○ Yes ○ No ○ NA ○ NR

Did the authors institute study procedures to limit bias appropriately (e.g. randomization, restriction, matching, stratification or statistical adjustment)?

○ Yes ○ No ○ NA ○ NR

Bias and confounders: Taken de novs from the paper, you may check both yes and no. If you check yes, be sure to describe all potential biases or unmeasured/contextual confounders NOT identified by the authors. For all responses indicate the likely direction of effect on the result if possible:

☐ Yes ☐ No

Authors: ....
....

Reviewers: ....
....

Other:

Other important limitations not specified elsewhere (specify):

....
....
....
....
....

[BACK] [To first screen]

Data abstraction form for cancer population

Data Abstraction Form

Tracking Information: **original edited based on other info:** ○ Yes ○ No

Abstractor: [_____]

Study Name (if has one): ....   **>1 study in papers:** [_____]

Citation: Paper ID: _____   First Author _____

Journal: _____   Publication year _____

Paper ID: _____   First Author _____

Journal: _____   Publication year _____

Paper ID: _____   First Author _____

Journal: _____   Publication year _____

Paper ID: _____   First Author _____

Journal: _____   Publication year _____

Paper ID: _____   First Author _____

Journal: _____   Publication year _____

Paper ID: _____   First Author _____

Journal: _____   Publication year _____

Funding Source: ☐ Government ☐ Private ☐ Non-funded ☐ Unknown

Study Type: ○ Journal article ○ Technical report ○ Other…

[Next Page]

Verification/Selection of Study Eligibility

Stop if any of the following is "No"

Reported on a behavioral intervention or policy change ○ Yes ○ No ○ Unclear

Intervened on physical activity /physical fitness ○ Yes ○ No ○ Unclear

Concurrent comparison group with reported results ○ Yes ○ No ○ Unclear

Targets subjects with a diagnosis of cancer ○ Yes ○ No ○ Unclear

Targets adults ○ Yes ○ No ○ Unclear

Other info, record but do not stop:

Cancer type: □ Breast □ Colon □ Other...

Survivors: ○ Yes ○ No ○ Unclear

Subjects currently on treatment ○ Yes ○ No ○ Unclear

If Yes, describe:

Do not stop for following but bring information to meeting for discussion:

Is there any other disease in this sample? ○ Yes ○ No ○ Unclear

Are there any other risk factors in this sample? ○ Yes ○ No ○ Unclear

If Yes, describe:

[BACK] [NEXT]

Data abstraction form for cancer population (continued)

Classification Information

A. Study Design:

- ○ Randomized
- ○ Non-randomized   } ○ Individual   ○ Group
- ○ Other…

B. Study Sample:

Eligibility Criteria:

....
....
....
....
....
....
....
....
....

Setting for recruitment (check all that apply):

- ☐ Unknown
- ☐ School
- ☐ Community
- ☐ Worksite
- ☐ Primary care or health care
- ☐ Home
- ☐ Public health agency ⟶ ○ Federal ○ State ○ Local ⟶ Specify: ....
- ☐ Other governmental agency
  ⟶ ○ Federal ○ State ○ Local ⟶ Specify: ....
- ☐ Other…

[BACK]   [NEXT]

Intervention Information

C. Interventions:

Number of intervention groups: _____

Number of comparison groups: _____

Intervention part of a larger study?:

○ Yes ⟶ If Yes, Describe:
○ No

....
....
....
....
....
....

Intervention description:

If more than one comparison group, enter comparison groups as "intervention" groups starting with #1. For all of the groups, select below each button whether the group is an intervention or comparison group.

Comparison group	Intervention Group #1	Intervention group #2	Intervention Group #3	Intervention Group #4	Intervention Group #5	Intervention Group #6

You should enter intervention information for all groups before proceeding. You should have entered information on

groups. You should see a working name for each intervention above the buttons.

C. Sampling of the population:

To create the comparison and intervention groups, were groups sampled (e.g., clinics or schools) or individuals?

[Groups] [Individuals]

[BACK]

Data abstraction form for cancer population (continued)

If there was only one comparison group, the following three pages were completed.

Intervention description: Comparison group (page 1)

Working name (less than 8 characters): ....

Intervention setting:

☐ Unknown   ☐ Public health agency   ⭕ Federal
☐ School   ⭕ State
☐ Community   ☐ Other governmental agency ⭕ Local → Specify: ....
☐ Worksite   ⭕ Federal → Specify: ....
☐ Primary care or health care   ☐ Other...   ⭕ State
☐ Home   ⭕ Local

For this group, was there a physical activity intervention, non-physical activity intervention or neither?

⭕ Physical activity intervention   ⭕ Non-physical activity intervention   ⭕ No specific intervention

Were there other intervention elements? if so describe:

                  ⭕ Yes   ⭕ No   ⭕ Unclear

PA Mode/Type:

☐ Aerobic activity undefined or multiple modes
☐ Not specified
☐ Other...

PA Intensity:

....
....

PA Frequency:

\# sessions per week   _____   ⭕ Not specified   ⭕ Not clear

PA duration: (short vs long bouts)

_____ [ ]   ⭕ Not specified   ⭕ Not clear

[BACK]   [NEXT]

Data abstraction form for cancer population (continued)

Intervention description: Comparison group (page 2)

PA location:

☐ Home ☐ Community ☐ Worksite ☐ Not specified ☐ Other...
☐ Exercise facility ☐ School ☐ Assisted Living Facility ☐ Not clear

Intervention Mode:

☐ Mail ☐ Internet or email ☐ Not specified
☐ Telephone ☐ In person ☐ Other...

Intervention delivery:

☐ Individual ☐ Group ☐ Not specified

[BACK] [NEXT]

Intervention description: Comparison group (page 3)

Description of the intervention:

What:

....

....

How:

....

....

Who:

....

....

Where:

....

....

Other:

....

....

Total length of the intervention: ....

Maximum length of follow-up for this intervention: ....

Was there a theory presented as 'underlying the intervention'?:

○ Yes ⟶ Describe: ☐ Social Learning Theory .... (Bandura 1977)
○ No ☐ Social Cognitive Theory .... (Bandura 1986)
  ☐ Transtheoretical Model or Stages of Change .... (Prochaska)
  ☐ Decision Making Theory .... (Janis and Mann)
  ☐ Social Ecology Theory .... (Stokel)
  ☐ Problem Behavior Model .... (Jessor and Jessor)
  ☐ Motivational Interviewing ....
  ☐ Health Belief Model ....
  ☐ Other ....

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If there was more than one comparison group, they were identified as intervention groups starting with #1 up to #6. For each interventionm they completed the next three pages.

Data abstraction form for cancer population (continued)

Intervention description: Intervention group 1 (page 1)

Working name (less than 8 characters): ....

Intervention setting:

☐ Unknown   ☐ Public health agency   →   O Federal   → Specify:...
☐ School   O State
☐ Community   ☐ Other governmental agency   →   O Local
☐ Worksite   O Federal   → Specify:...
☐ Primary care or health care   ☐ Other…   O State
☐ Home   O Local

For this group, was there a physical activity intervention, non-physical activity intervention or neither?

O Physical activity intervention   O Non-physical activity intervention   O No specific intervention

Were there other intervention elements? if so describe:

                  O Yes   O No   O Unclear

PA Mode/Type:
☐ Aerobic activity undefined or multiple modes
☐ Not specified
☐ Other…

PA Intensity:

....

PA Frequency:

sessions per week   _____   O Not specified   O Not clear

PA duration: (short vs long bouts)

_____ [_____]   O Not specified   O Not clear

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Data abstraction form for cancer population (continued)

Intervention description: Intervention group 1 (page 2)

PA location:

☐ Home   ☐ Community   ☐ Worksite   ☐ Not specified   ☐ Other...
☐ Exercise facility   ☐ School   ☐ Assisted Living Facility   ☐ Not clear

Intervention Mode:

☐ Mail   ☐ Internet or email   ☐ Not specified
☐ Telephone   ☐ In person   ☐ Other...

Intervention delivery:

☐ Individual   ☐ Group   ☐ Not specified

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Intervention description: Intervention group 1 (page 3)

Description of the intervention:

What:

....
....

How:

....
....

Who:

....
....

Where:

....
....

Other:

....
....

Total length of the intervention: ....

Maximum length of follow-up for this intervention: ....

Was there a theory presented as 'underlying the intervention'?:

○ Yes ⟶ Describe: ☐ Social Learning Theory .... (Bandura 1977)
○ No   ☐ Social Cognitive Theory .... (Bandura 1986)
                              ☐ Transtheoretical Model or Stages of Change ...... (Prochaska)
                              ☐ Decision Making Theory .... (Janis and Mann)
                              ☐ Social Ecology Theory .... (Stokel)
                              ☐ Problem Behavior Model .... (Jessor and Jessor)
                              ☐ Motivational Interviewing ....
                              ☐ Health Belief Model ....
                              ☐ Other ....

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Population and Sample Number (Groups sampled)

Type of Group: _____

Total number of groups within population of groups: .... ○ Not noted

How sampled:						
Number Groups Enrolled:						
How sampled:						
Number Individuals Enrolled:						

Is the response rate from the sampling frame indicated in the paper?

○ Yes ⟶ Describe: ....

○ No ....

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Population and Sample Number (Individuals sampled)

"N" for sampling frame: .... ◯ Not noted

How sampled:						
Number Individuals Observed:						

Is the response rate from the sampling frame indicated in the paper?

◯ Yes ⟶ Describe: ....
◯ No ....

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Sample Demographics

								Sig.
Age:								
Mean								
Standard deviation:								
Median								
Age Range:	--	--	--	--	--	--	--	
Other:								
Not reported:	O NR	O NR	O NR	O NR	O NR	O NR	O NR	
Gender:								
% male								
% female								
% unknown								
Not reported:	O NR	O NR	O NR	O NR	O NR	O NR	O NR	
Race:								
% White								
% Black								
% Asian								
% American Indian								
%Pacific								
% Other								
Not reported:	O NR	O NR	O NR	O NR	O NR	O NR	O NR	
Ethnicity:								
% Hispanic or Latino								
% **NOT** Hispanic/Latino								
% Other								
Not reported:	O NR	O NR	O NR	O NR	O NR	O NR	O NR	
Socioeconomic status:								

O TO **Check here if only total population numbers reported so column represents total sample**

Paper ID, page & table:

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Other Sample Characteristics

								Sig.

Paper ID, page & table:

◯ TO. **Check here if only total population numbers reported so column represents total sample**

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Data abstraction form for cancer population (continued)

Exposure to Intervention

Assessment of exposure to the intervention:

☐ Resource utilization   ⟶ Describe:

☐ Observation   ⟶ Describe:

☐ Self report   ⟶ Describe:

☐ Fitness test   ⟶ Describe:

☐ Attendance sheets   ⟶ Describe:

☐ Staff completed process evaluation forms ⟶ Describe:

☐ % of completed interaction contacts   ⟶ Describe:

☐ Not reported/did not assess   ⟶ Describe:

☐ Other…

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Data abstraction form for cancer population (continued)

Other information

What other key issues were addressed in the paper?

☐ Costs
☐ Potential harms
☐ Other benefits
☐ Implementation
☐ Barriers to implementation
☐ Community acceptance or involvement
☐ formation of use of existing coalitions to develop, implement or evaluate interventions
☐ Ethical constraints
☐ Not discussed
☐ Other…

Other important information:

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Relevant references:

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Study quality: Descriptions and Samplings

Descriptions:

Was the study sample well described?

⭘ Yes ⭘ No

Was the intervention well described (what, how, who, where)?

⭘ Yes ⭘ No

Explain:

....
....
....
....
....

Samplings:

Did the authors specify the sampling frame or universe of selection for the study sample?

⭘ Yes ⭘ No ⭘ NA ⭘ NR

Was the sample that served as the unit of analysis the entire eligible sample or a probability sample at the point of reference?

⭘ Yes ⭘ No ⭘ NA ⭘ NR

Are there other selection bias issues not otherwise addressed?

⭘ Yes ⭘ No ⭘ NA ⭘ NR

Explain:

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....

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Study quality: Measurement

Measurement:

Did the authors attempt to measure exposure to the intervention?

○ Yes ○ No ○ NA ○ NR

Was the exposure variable valid?

○ Yes ○ No ○ NA ○ NR

Was the exposure variable reliable (consistent and reproducible)?

○ Yes ○ No ○ NA ○ NR

Were the outcome and other independent (or predictor) variables valid?

○ Yes ○ No ○ NA ○ NR

Were the outcome and other independent (or predictor) variables reliable (consistent and reproducible)?

○ Yes ○ No ○ NA ○ NR

Explain:

....
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....
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....

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Study quality: Analysis

Data analysis:

Did the authors conduct appropriate statistical testing by:

conducting statistical testing (when appropriate)?

○ Yes ○ No ○ NA ○ NR

reporting which statistical tests were used?

○ Yes ○ No ○ NA ○ NR

controlling for repeated measures in samples that were followed over time?

○ Yes ○ No ○ NA ○ NR

controlling for differential exposure to the intervention?

○ Yes ○ No ○ NA ○ NR

using a model designed to handle multi-level data when they included group-level and individual covariates in the model?

○ Yes ○ No ○ NA ○ NR

Explain:

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Study quality: Interpretation

Interpretation of Results:

Did at least 80% of enrolled participants complete the study?

○ Yes   ○ No   ○ NA   ○ NR

Did the authors assess if the units of analysis were comparable prior to exposure to the intervention?

○ Yes   ○ No   ○ NA   ○ NR

Did the authors institute study procedures to limit bias appropriately (e.g. randomization, restriction, matching, stratification or statistical adjustment)?

○ Yes   ○ No   ○ NA   ○ NR

Bias and confounders: Taken de novs from the paper, you may check both yes and no. If you check yes, be sure to describe all potential biases or unmeasured/contextual confounders NOT identified by the authors. For all responses indicate the likely direction of effect on the result if possible:

☐ Yes   ☐ No

Authors: ....
....

Reviewers: ....
....

Other:

Other important limitations not specified elsewhere (specify):

....
....
....
....
....

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