Appendix A. Data Collection Tool Sent to Stakeholders

8%

Thank you providing us with your feedback. The Johns Hopkins University Evidence-based Practice Center is assessing Future Research Needs for evidence about interventions that can help prevent childhood obesity.

Before completing the survey, please read the executive summary of the Comparative Effectiveness Review of Childhood Obesity Prevention Programs (attached in the email). Your expertise on priority areas for future research is extremely important. We will specifically ask you questions about future research needs related to study settings, interventions, outcomes and methodologies. We estimate that this will take 10-15 minutes to complete this assessment.

If there are any questions or problems, please contact Brandyn Lau at blau2@jhmi.edu.

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17%

* 1. Your name

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`████████████` 25%

* 2. Please select the THREE highest priority SETTINGS for future research on childhood obesity prevention.

☐ School

☐ Home

☐ Primary Care

☐ Child Care

☐ Community or Environment

☐ Multiple Setting

Multiple Settings, please specify (e.g. school + home or community + consumer health informatics)

[   ]

3. Please provide a brief explanation for your selections.

[   ]

* 4. Please select the ONE lowest priority SETTING for future research on childhood obesity prevention.

○ School

○ Home

○ Primary Care

○ Child Care

○ Community or Environment

5. Please provide a brief explanation for your selection.

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33%

* **6. What is the highest priority target for future research on childhood obesity prevention?**

○ Diet

○ Physical Activity / Sedentary Behavior

○ Combination (i.e. Diet and Physical Activity)

○ Other (please specify)

Other (please specify)

7. Please provide a brief explanation for your selection.

* **8. What is the lowest priority target for future research on childhood obesity prevention?**

○ Diet

○ Physical Activity / Sedentary Behavior

○ Combination Interventions (i.e. Diet + Physical Activity)

9. Please provide a brief explanation for your selection.

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42%

* 10. Do you think it is important for future research to study on other behaviors other than caloric intake, physical activity and sedentary behavior?
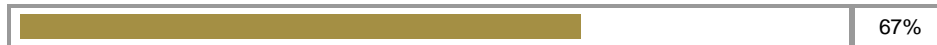
○ No

○ Yes

If Yes, please explain

50%

* 11. Please select up to TWO highest priority INTERMEDIATE OUTCOMES for future research in childhood obesity prevention.

☐ Nutrition knowledge, attitudes, and beliefs (child and caregivers)

☐ Food purchasing behaviors (child and caregivers)

☐ Dietary intake (energy, nutrients, foods)

☐ Food access

☐ Other (please specify)

Other(s) (please specify)

67%

* 12. Please select the highest priority age group for future research in childhood obesity prevention.

○ Toddler (age 2-5 years)

○ Childhood (age 6-12 years)

○ Adolescence (age 13-18 years)

○ All Children (age 2-18 years)

13. Please provide a brief explanation for your selection.

* 14. Please select the highest priority socioeconomic group for future research in childhood obesity prevention.

○ High income

○ Middle income

○ Low income

○ All income groups

15. Please provide a brief explanation for your selection.

* 16. Please select the highest priority race/ethnicity group for future research in childhood obesity prevention.

○ Asian/Pacific Islander

○ Black

○ Hispanic

○ Native American

○ White

○ All race/ethnicity groups

17. Please provide a brief explanation for your selection.

[text entry box]

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75%

Several limitations regarding many previous intervention studies and our suggestions for future research in the field were described in the discussion of the Executive Summary of the Comparative Effectiveness Review of Childhood Obesity Prevention Programs.

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83%

* **18. In our review of the Comparative Effectiveness Review of Childhood Obesity Prevention Programs, we identified several limitations in the published literature. They are listed below. Please select the 3 highest priority methodological needs for future studies on childhood obesity prevention.**

☐ Use of standardized definitions for overweight and obesity

☐ Use more rigorous analytic approaches (i.e. to better analyze the repeated measures collected during the follow-up)

☐ Making of outcome assessor to study group assignment

☐ Improved methods for evaluation of community-based interventions

☐ Greater fidelity to study intervention

☐ Description of barriers and facilitators

☐ Consideration of scalability of the intervention at the time of study design

☐ Assessment and report on adverse effects of the intervention

☐ Other (please specify)

If Other, please specify

19. Please provide a brief explanation for your selections.

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92%

20. Is there anything that you would like to add?

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Child Weight FRN (Round 2)

Thank you providing us with your feedback. Based on feedback provided in the first round of assessment, we will ask you questions about future research needs related to subgroup populations and interventions of highest priority for future research. We estimate that this will take 10 minutes to complete this assessment.

If you have any questions or problems, please contact Brandyn Lau at blau2@jhmi.edu.

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Child Weight FRN (Round 2)

1. Your name

Name:

<div style="border:1px solid #000; width:380px; height:40px; background:#c4d0f0;"></div>

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Child Weight FRN (Round 2)

2. If future studies were developed to focus on children of specific age groups, please select the HIGHEST PRIORITY age group for future research for obesity prevention in children.

○ Toddler (age 2-5)

○ Young children (age 6-12)

○ Adolescent (age 13-18)

3. Which subgroup population is a higher priority for future research of obesity prevention in children?

○ Low income

○ Racial/ethnic minority

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4. Please select the HIGHEST PRIORITY age-income subgroup populations for future research on obesity prevention in children.

	Toddlers	Young children	Adolescents
Low income	○	○	○
Middle income	○	○	○

5. Please select the HIGHEST PRIORITY age-race subgroup population for future research on obesity prevention in children.

	Toddlers	Young children	Adolescents
Asian/Pacific Islander	○	○	○
Black	○	○	○
Hispanic	○	○	○
Native American	○	○	○
White	○	○	○

6. Please select the HIGHEST PRIORITY race-income subgroup population for future research on obesity prevention in children.

	Low income	Middle income
Asian/Pacific Islander	○	○
Black	○	○
Hispanic	○	○
Native American	○	○
White	○	○

* 7. Please select the FIVE HIGHEST PRIORITY AGE-RACE-SOCIOECONOMIC subgroup populations, SETTING, and TARGET for future research on obesity prevention in children (where #1 is the highest priority).

	Age	Race/Ethnicity	Socioeconomic Status	Setting	Target
#1	⬚ ▼	⬚ ▼	⬚ ▼	⬚ ▼	⬚ ▼
#2	⬚ ▼	⬚ ▼	⬚ ▼	⬚ ▼	⬚ ▼
#3					

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	Age	Race/Ethnicity	Socioeconomic Status	Setting	Target
	[▼]	[▼]	[▼]	[▼]	[▼]
#4	[▼]	[▼]	[▼]	[▼]	[▼]
#5	[▼]	[▼]	[▼]	[▼]	[▼]

8. Please provide a brief explanation for your selections.

[ ]

9. Please select the LOWEST PRIORITY AGE-RACE-SOCIOECONOMIC subgroup populations, SETTING, and TARGET for future research on obesity prevention in children.

	Age	Race/Ethnicity	Socioeconomic Status	Setting	Target
#1	[▼]	[▼]	[▼]	[▼]	[▼]

10. Please provide a brief explanation for your selection.

[ ]

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4. Please select the HIGHEST PRIORITY age-income subgroup populations for future research on obesity prevention in children.

	Toddlers	Young children	Adolescents
Low income	○	○	○
Middle income	○	○	○

5. Please select the HIGHEST PRIORITY age-race subgroup population for future research on obesity prevention in children.

	Toddlers	Young children	Adolescents
Asian/Pacific Islander	○	○	○
Black	○	○	○
Hispanic	○	○	○
Native American	○	○	○
White	○	○	○

6. Please select the HIGHEST PRIORITY race-income subgroup population for future research on obesity prevention in children.

	Low income	Middle income
Asian/Pacific Islander	○	○
Black	○	○
Hispanic	○	○
Native American	○	○
White	○	○

⚠ **This question requires 5 high priority population selections.**

* 7. Please select the FIVE HIGHEST PRIORITY AGE-RACE-SOCIOECONOMIC subgroup populations, SETTING, and TARGET for future research on obesity prevention in children (where #1 is the highest priority).

	Age	Race/Ethnicity	Socioeconomic Status	Setting	Target
#1	▾	▾	▾	▾	▾
#2	▾	▾	▾	▾	▾

#3	▼	▼	▼	▼	▼
#4	▼	▼	▼	▼	▼
#5	▼	▼	▼	▼	▼

8. Please provide a brief explanation for your selections.

9. Please select the LOWEST PRIORITY AGE-RACE-SOCIOECONOMIC subgroup populations, SETTING, and TARGET for future research on obesity prevention in children.

	Age	Race/Ethnicity	Socioeconomic Status	Setting	Target
#1	▼	▼	▼	▼	▼

10. Please provide a brief explanation for your selection.

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Child Weight FRN (Round 3)

14%

Thank you providing us with your feedback. Based on feedback provided in the first two rounds of assessment, we have developed several high priority questions for future research. In this final round of assessment, we will ask you to rate the value of addressing each research question. We estimate that this will take 5 minutes to complete this assessment.

If you have any questions or problems, please contact Brandyn Lau at blau2@jhmi.edu.

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Child Weight FRN (Round 3)

29%

* 1. Your name

Name:

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Child Weight FRN (Round 3)

43%

On the following page, we will ash you to rate a set of questions for future research developed from your previous feedback regarding the comparative effectiveness of interventions intended to modify caloric intake conducted in different settings that focus on different population groups.

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57%

2. Please rate each of these questions based on the potential impact of the results of these questions – 1 is high and 5 is low.

	1	2	3	4	5
Among LOW-INCOME TODDLERS, what is the comparative effectiveness of a HOME + COMMUNITY-based versus HOME-based interventions targeting caloric intake to prevent weight gain?	○	○	○	○	○
Among LOW-INCOME TODDLERS, what is the comparative effectiveness of a HOME-based versus NO INTERVENTION interventions targeting caloric intake to prevent weight gain?	○	○	○	○	○
Among LOW-INCOME TODDLERS, what is the comparative effectiveness of a HOME + COMMUNITY-based interventions versus NO INTERVENTION targeting caloric intake to prevent weight gain?	○	○	○	○	○
Among LOW-INCOME YOUNG CHILDREN, what is the comparative effectiveness of a HOME + COMMUNITY-based versus HOME-based interventions targeting caloric intake to prevent weight gain?	○	○	○	○	○
Among LOW-INCOME YOUNG CHILDREN, what is the comparative effectiveness of a HOME-based versus NO INTERVENTION interventions targeting caloric intake to prevent weight gain?	○	○	○	○	○
Among LOW-INCOME YOUNG CHILDREN, what is the comparative effectiveness of a HOME + COMMUNITY-based interventions versus NO INTERVENTION targeting caloric intake to prevent weight gain?	○	○	○	○	○
Among LOW-INCOME HISPANIC TODDLERS, what is the comparative effectiveness of a HOME + COMMUNITY-based versus HOME-based interventions targeting caloric intake to prevent weight gain?	○	○	○	○	○
Among LOW-INCOME HISPANIC TODDLERS, what is the comparative effectiveness of a HOME-based versus NO INTERVENTION interventions targeting caloric intake to prevent weight gain?	○	○	○	○	○
Among LOW-INCOME HISPANIC TODDLERS, what is the comparative effectiveness of a HOME + COMMUNITY-based interventions versus NO INTERVENTION targeting caloric intake to prevent weight gain?	○	○	○	○	○
Among LOW-INCOME HISPANIC YOUNG CHILDREN, what is the comparative effectiveness of a HOME + COMMUNITY-based versus HOME-based interventions targeting caloric intake to prevent weight gain?	○	○	○	○	○
Among LOW-INCOME HISPANIC YOUNG CHILDREN, what is the comparative effectiveness of a HOME-based versus NO INTERVENTION interventions targeling caloric intake to prevent weight gain?	○	○	○	○	○
Among LOW-INCOME HISPANIC YOUNG CHILDREN, what is the comparative effectiveness of a HOME + COMMUNITY-based interventions versus NO INTERVENTION targeting caloric intake to prevent weight gain?	○	○	○	○	○

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71%

3. Within the field of obesity prevention in children, what types of research would you like to see? (Please describe your ideal population, intervention, and setting)

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86%

4. Regarding your experience participating in this project, is there anything that you would change to improve the process?

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