

N7. AUTOMATED MULTIPLE PASS METHOD (AMPM)

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The 24-hour dietary recall will be conducted using the U.S. Department of Agriculture (USDA) Automated Multiple Pass Method (AMPM). The AMPM interview consists of five steps that utilize different strategies to encourage respondents to think about their intake in different ways in order to maximize their ability to remember and report the foods they have eaten. The five steps of the AMPM 24-hour dietary recall include:

- **Step 1 - Quick List:** The first step obtains a quick report of easily remembered foods and beverages. The interviewer reads a standard memory prompt that suggests strategies for remembering foods and beverages consumed the previous day (see Exhibit A).
- **Step 2 - Forgotten Foods List:** The interviewer encourages respondents to think about specific categories of foods that are frequently forgotten, such as beverages, sweets, savory snacks, fruits, vegetables, cheese, breads, tortillas, and rolls (see example in Exhibit B).
- **Step 3 - Time and Occasion pass:** The interviewer encourages additional recall and reporting by helping the respondent to think about eating patterns over the past 24 hours, including the times that foods and beverages were consumed and the types of eating occasions like at breakfast, for a snack, or at lunch (see Exhibit C).
- **Step 4 - Detail and Review Cycle:** At this step, the interviewer probes for food descriptions and amounts, where foods were obtained, and where they were eaten. Each eating occasion and the periods between are reviewed to check whether the respondent remembers any additional foods. Respondents use measuring guides to help estimate the amounts of foods and beverages consumed (see example in Exhibit D).
- **Step 5 - Final Review:** The respondent is asked one last time to remember anything else consumed in the previous day (see Exhibit E).

Exhibit A. Quick List Screenshot

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Forms Answer Navigate Options Help

Intake Navigation_Help

Jenny (8, F.) Yr14.s293.v1

Please tell me everything Jenny had to eat and drink all day yesterday, Tuesday, from midnight to midnight. Include everything Jenny had at home and away, even snacks, drinks, and water. I'll ask you for specific details and amounts of the foods in a few minutes. **At this time**, just tell me **what** she had.

[ENTER THE NAME OF EACH FOOD ON A SEPARATE LINE. USE COMMENT, TIME, AND/OR OCCASION FIELDS ONLY IF SP PROVIDES DETAILS.]

	Food Name	Comments for Interviewer's Use	Time	Occasion	Occasion, OS
Food[1]					
Food[2]					
Food[3]					
Food[4]					
Food[5]					
Food[6]					
Food[7]					
Food[8]					
Food[9]					
Food[10]					
Food[11]					
Food[12]					
Food[13]					
Food[14]					
Food[15]					
Food[16]					

7:05 AM 3/5/2014

Exhibit B. Forgotten Foods List Screenshot (Example question)

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Forms Answer Navigate Options Help

Intake Sorted_RFL Navigation_Help

Jenny (8, F), Yr14.s293.v1

Fruits, vegetables or cheese?

[READ IF NEEDED: In addition to the foods you have already told me about, did Jenny have any fruits, vegetables or cheese?]

1. YES
 2. NO
 3. HAD OTHER FOOD(S)

Label	Forgotten Foods
RECFFLIntroBeverage	2
RECFFLDtherDik	
RECFFLSweets	2
RECFFLSnacks	2
RECFFLFruitVegCheese	2
RECFFLBread	
RECFFLAnythingElse	<input type="checkbox"/>

Blaise 4.8 Data Ent... 7:09 AM 3/5/2014

Exhibit C. Time and Occasion Pass Screenshot

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Forms Answer Navigate Options Help

Intake Sorted_RFL Navigation_Help

Jenny (8, F) Yr14.s293.v1

About what time did Jenny **begin** to eat/drink the Toast?

[ENTER HOUR, MINUTE AND AM OR PM]

[IF SP IS NOT SURE OF TIME, ASK FOR BEST ESTIMATE. IF SP IS UNABLE TO ESTIMATE TIME, REFER TO HANDCARD]

	Food Name	Comments for Interviewer's Use	Time	Occasion	Occasion, OS
Food[1]	Toast	jelly		<input type="checkbox"/>	
Food[2]	Milk	2%		<input type="checkbox"/>	
Food[3]	Banana			<input type="checkbox"/>	
Food[4]	>>>>				
Food[5]					
Food[6]					
Food[7]					
Food[8]					
Food[9]					
Food[10]					
Food[11]					
Food[12]					
Food[13]					
Food[14]					
Food[15]					
Food[16]					

Blaise 4.8 Data Ent... 7:09 AM 3/5/2014

Exhibit D. Detail and Review Cycle Screenshot (Example question)

The screenshot shows a software window titled "Blaise 4.8 Data Entry" with a menu bar containing "Forms", "Answer", "Navigate", "Options", and "Help". Below the menu is a toolbar with icons for help, error, undo, redo, save, and print. The main content area has tabs for "Intake", "Sorted_RFL", and "Navigation_Help". The data entry form displays the following text:

Jenny (8, F.) Yr14.s293.v1

Toast, 7:00 AM, breakfast, jelly

Was it white, wheat, whole-grain white, multigrain, whole wheat, or something else?

Below the text area is a form control panel with the following fields and controls:

- FIBStart: **IncludeInIntake** ADDFoodName
- SameAsInstruction: ADDFoodName
- BreadKind:
- BreadKindOS:
- BreadGrain:
- BreadGrainOS:
- BreadPreSI:
- AddAnything:
- ADDFoodName:
- ADDFoodName:
- ADDFoodName:

The Windows taskbar at the bottom shows the system tray with the date and time: 7:11 AM, 3/5/2014.

Exhibit E. Final Review Cycle Screenshot

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Forms Answer Navigate Options Help

Intake Sorted_RFL Navigation_Help

Jenny (8. F). Yr14.s293.v1

Do you remember anything else Jenny drank, including water, or that she ate yesterday - even small amounts, anything she ate in the car, at meetings, or while shopping, cooking or cleaning up?

[IF SIPS OR SMALL AMOUNTS OF WATER ARE REPORTED, ASK SP TO ESTIMATE THESE AMOUNTS TOGETHER AND RECORD AS EXTENDED CONSUMPTION.]

1. YES
 2. NO

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