The Good, The Bad, and The Online Diaries

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Outline

- I. Background
- II. Web Diary Feasibility Test
- III. Individual Diaries Feasibility Test
- IV. Proof of Concept Test
- V. Online Diary Improvement Project
- VI. Large Scale Feasibility Test





I. Background - Consumer Expenditure Diary Overview (i.e. Single and Searching)

- CE currently uses one paper diary to collect household expenditures for a week
- Interviewers "place" the diary in-person and conduct one more visit
- The Diary gathers more detailed expenditures than the Consumer Expenditure Interview Survey
- Single proxy reporter for all HH expenditures
- The Diary is divided into four sections:
 - ► Food Away From Home
 - ► Food for Home Consumption
 - ► Clothing, Shoes, Jewelry and Accessories
 - ► All Other Products, Services and Expenses



II. Web Diary Feasibility Test (i.e. The Meet Cute)

Overview

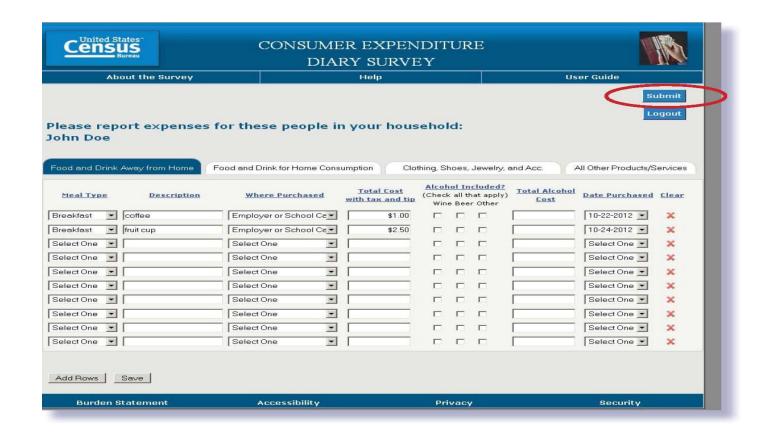
- Mode: Desktop Diary
- New materials
 - ► Interviewer Talking Points
 - User Guide
- Eligible cases
 - ► English only
 - ► No Multi-CU HHs or Replacement HHs
- Single proxy reporter for all HH expenditures
- Assignment Protocol
 - ▶ If a HH screened in as eligible, HH was assigned a single diary for the entire HH, similar to official assignment protocols

Findings

- Higher median expenditures for the following sections:
 - Clothing, Shoes, Jewelry, and Accessories
 - Food and Drinks for Home Consumption
- Lower item nonresponse, as defined for a diary instrument
- Week-to-week drop-off potentially validate shift to one-week collection period



II. Web Diary Feasibility Test





III. Individual Diaries Feasibility Test (i.e. The Honeymoon Period)

Overview

- Modes: Desktop and Mobile
- New materials
 - User Guide
- Eligible Cases
 - English only
 - No Multi-CU HHs or Replacement HHs
 - ► Home internet access via PC, tablet, Smartphone
- Person-level reporting, main R recorded expenditures for ineligible Rs and for any HH members not participating

- Assignment Protocol
 - ► If a HH screened in as eligible, HH members were offered modes sequentially
 - Mobile first &, if they did not possess a Smartphone, then
 - Desktop mode
 - ► Absent eligible members were assigned mode by main R



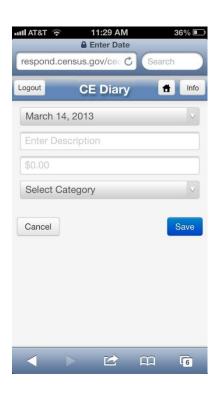
III. Individual Diaries Feasibility Test (i.e. The Honeymoon Period)

Findings

- No improvement in household cooperation rates
- Determining the extent of contemporaneous reporting of expenses was hampered by data limitations
- Difficulty distinguishing single proxy respondents versus multimember HHs
- Fewer entries and lower reported expenditure totals
- Positive feedback regarding the ease of recording expenses and the security of the data



III. Individual Diaries Feasibility Test







IV. Proof of Concept Test (i.e. Honey You're Great, but...)

Overview

- Tested full redesign
- Modes: Desktop, Mobile, & Paper
- Incentivized
- Person-level reporting, main R recorded expenditures for ineligible Rs, HH level expenses, and for any HH members not participating
- Interviewers had access to a summary report of web diaries for their cases
- Interviewers were told to call the main R within 2 days of placement, if a R hadn't logged in or if R hadn't made entries

- Assignment Protocol
 - Member-level internet access and level of use were determined
 - Members with internet access were offered an online diary or a paper diary
 - Members without were offered the paper diary
 - ► Absent eligible members were assigned mode by main R



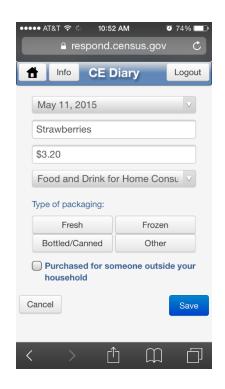
IV. Proof of Concept Test (i.e. Honey You're Great, but...)

Findings

- Participation within HHs was much broader for the POC than in prior tests
- Respondents generally higher educated and under the age of 39
- Lower take up rate for the online diary when offered a paper option
- Diary expenditures were not significantly different than equivalent production amounts
- However, HHs reported lower median expenditure totals and
- Greater numbers of small-value expenditures



IV. Proof of Concept Test







V. Online Diary Improvement Project (i.e. The Self Reflection Stage)

Overview

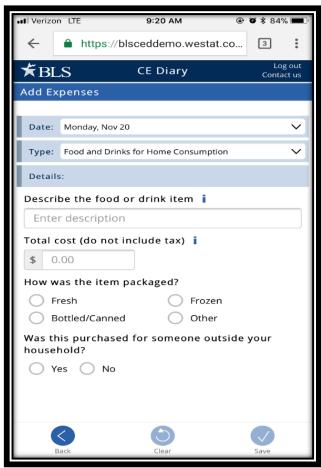
- Two instruments optimized to the R's device (mobile or desktop/laptop) and accessed through a single portal
- Incentivized
- Person-level diary design
- Developed based on previous CE online diaries
- Robust paradata output
- Modular design that allows for technological enhancements

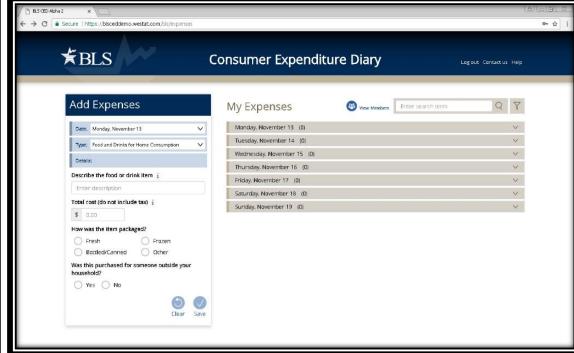
Findings

- Mobile devices were frequently used, but not as expected
 - ▶ Most respondents used at home
- Expenses entered via mobile device were more timely
- Password the biggest barrier to access & mobility
- Low incidence of data quality issues, but still problematic



V. Online Diary Improvement Project







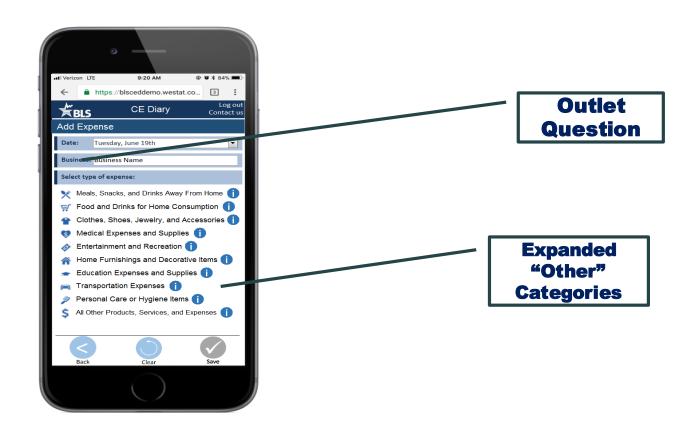
VI. Large Scale Feasibility Test (i.e. Does a Large Feasibility Test Mean Forever?)

- Large-scale implementation of Online Diary Improvement Project diary design
- Return to HH-level diary in lieu of personal diaries
- Restores two one-week diary design
- Introduction of outlet question for recording business where item was purchased/consumed at
- Elimination of conditional incentives with token incentive remaining





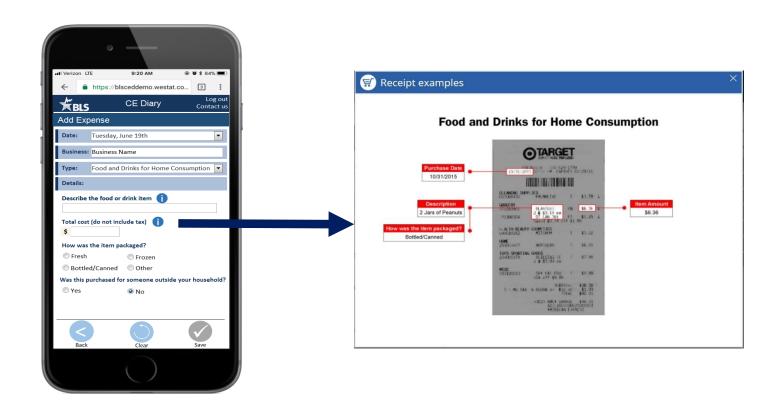














- Desktop version will render similar to the mobile version, but allow for more screen real estate
- Screenshots forthcoming





The Good, The Bad, and The Online Diaries

"You see, in this world there's two kinds of surveys, my friend: Those that are online and those that aren't. This one's online" – Blondie





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Double Secret Slide – Wonder Twins Powers Activate!







