Diary 2016 questionnaire

- There are comments on some of the section headings telling us where these responses would go in the accounting financial statements, for example: “Balance sheet/Assets”.
- In this document, there are some areas which are shaded for various reasons
  - RED STRIKETHRU – Text was deleted or moved to another location
  - YELLOW – New text or new programming instructions
  - GREEN – Place holder for discussion or new items which are not yet approved, questions or concepts to be revised, areas for discussion.
  - In addition, programming instructions are usually in red text and I’ll start them with a comment marker like this
    - ## Hello this is an instruction or comment

1) Pre-Day 0

## Reminders: HAVE THE VENDOR SEND EMAIL REMINDERS TO TAKE THE SCPC EACH DAY FOR 3 DAYS LEADING UP TO THE DIARY DAY

## Send reminder email to the respondent each diary day (0, 1, 2, and 3). The email should remind the respondent to remember to participate in the diary and to log on each night.

## Variables to pull in from the SCPC:

- pa001_a, pa001_b, baadopter
  - These are number of checking accounts, number of savings accounts, and flag for bank account adoption
- pa008 questions, dcadopter
  - pa008_a1, _a2, _a3, pa008_b1, _b2, _b3
  - These are the responses to the number of debit cards and number of ATM cards. DCADOPTER is the created variable that controls the flow of later parts of the survey.
- ccadopter
  - This created variable controls the flow of the survey for those respondents with credit cards
- Pcadopter, GPRADOPTER
  - These variables have to do with prepaid cards and general purpose prepaid card adoption.
- moadopter
  - This created variable controls the flow of the survey for those respondents who are money order adopters.
• obbpadopter
  o This created variable controls the flow of the survey for those respondents who are online banking bill payment adopters.
• DE013
  o If de013 = 1 then respondent owns primary home, if de013 = 2 then they do not own home.
• pa001_d1, pa048
  o If pa001_d1 = YES then the respondent has a Paypal account
  o pa048 asks how the payment account is funded. We are interested in response option 4, “money stored with payment service”

2) Day 0 Intro/Welcome screen

IF diarist logs on and SCPC IS INCOMPLETE, THEN SHOW WARNING:

It is important that you take the Survey of Consumer Payment Choice (SCPC) before participating in this Diary.

Please click here to take the SCPC.

After you take the SCPC, you will be able to continue participating this Diary.

## This “Day 0” section contains items that we need to ask the night before the respondent begins the diary. Items that are in this module are “time sensitive” meaning that they have to be asked before the diarist starts recording their payments and transactions.

## Intro screen

Thank you for agreeing to participate in the 2016 Diary of Consumer Payment Choice on [ADD SPACE HERE]
[DISPLAY DIARY DAY 1 HERE, example “Wednesday, October 3”] to [DISPLAY DIARY DAY 3 HERE, example “Wednesday, October 3”].
[ADD SPACE HERE]
Today,
[ADD SPACE HERE]
[DISPLAY DIARY DAY 0 HERE, example “Wednesday, October 3”],
[ADD SPACE HERE]
you will be answering a 10-minute survey that helps us prepare for your answers during the next three days. Please answer these questions at the end of the day today.

Tomorrow,
[ADD SPACE HERE]
[DISPLAY DIARY DAY 1 HERE, example “Wednesday, October 3”],
[ADD SPACE HERE]
we will ask you about purchases, payments, and cash activity. Please record all of payment behavior, including days with zero payments or no cash activity.

Your diary responses will be used for research purposes only.

3) Account ownership – import from SCPC

## This section will be replaced by the Accounts Module in the SCPC. If the respondent has already taken the SCPC, then we don’t need to ask any of the questions about account ownership or adoption.

We will import their answers from the SCPC and maybe give them a screen which says “Is everything correct?”

## Here we want to build new variables that are a combination of the SCPC variables if they exist, or the new DCPC variables if they are not missing. We’ll use these variables to control the flow of certain questions later in the online diary questionnaire. First we must initialize the variables.

\[
\begin{align*}
\text{dcpc}_{\text{pa001\_a}} &= \text{SCPC variable pa001\_a} \\
\text{dcpc}_{\text{dcadopter}} &= \text{SCPC variable dcadopter} \\
\text{dcpc}_{\text{ccadopter}} &= \text{SCPC variable ccadopter} \\
\text{dcpc}_{\text{gpradopter}} &= \text{SCPC variable gpradopter} \\
\text{dcpc}_{\text{paypaladopter}} &= 0 \\
\text{IF scpc variables pa001\_d1 = YES and pa048\_d1 = YES ("money stored...") then dcpc}_{\text{paypaladopter}} &= 1
\end{align*}
\]

IF diarist has already taken SCPC:

(qday0_scpcintro)

Previously, you took another survey called the Survey of Consumer Payment Choice. In that survey, you told us you:

## display as a table, where each row has one of these lines of text

<table>
<thead>
<tr>
<th>Have [FILL: pa001_a. if pa001_a = missing then display “0”] checking account(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>IF DCADOPTER = 1 THEN: Have at least one debit card</td>
</tr>
<tr>
<td>ELSE IF DCADOPTER = (0, missing) THEN: Do not have a debit card</td>
</tr>
<tr>
<td>IF CCADOPTER = 1 THEN: Have at least one credit card</td>
</tr>
<tr>
<td>ELSE IF CCADOPTER = (0, missing) THEN: Do not have a credit card</td>
</tr>
<tr>
<td>IF dcpc_paypaladopter = 1 THEN: Have money stored in a PayPal account</td>
</tr>
<tr>
<td>ELSE IF dcpc_paypaladopter = (0, missing) THEN: Do not have money stored</td>
</tr>
</tbody>
</table>
Is this all correct?

1. Yes
2. No

IF (qday0_scpcintro = NO or if SCPC has not been completed) then

## One screen for all of the following (temp_pa001_a, temp_dcadaptor, temp_ccadaptor, temp_gpradopter)

Please tell us the correct information about your accounts and cards.

(temp_pa001_a)

- Number of checking accounts you own: [numeric text box]

(temp_dcadaptor)

- Do you have any debit cards?
  1. Yes
  0. No

(temp_ccadaptor)

- Do you have any credit cards?
  1. Yes
  0. No

(temp_paypaladopter)

- Do you have any money stored in a PayPal account?
  1. Yes
  0. No

## Next, we’ll use the variables initialized above and the responses from the question above and set the variable to the correct value if necessary.

IF (temp_pa001_a not missing and temp_pa001_a not equal to dcpc_pa001_a) then dcpc_pa001_a = temp_pa001_a
IF (temp_dcadopter not missing and temp_dcadopter not equal to dcpc_dcadopter) then dcpc_dcadopter = temp_dcadopter

IF (temp_ccadaptor not missing and temp_ccadaptor not equal to dcpc_ccadaptor) then dcpc_ccadaptor = temp_ccadaptor

IF (temp_paypaladopter not missing and temp_paypaladopter not equal to dcpc_paypaladopter) then dcpc_paypaladopter = temp_paypaladopter

### new screen – ask to everybody

(do_you_have_gpr)

When you took the Survey of Consumer Payment Choice, we asked if you have a **general purpose reloadable prepaid card**. Sometimes people get rid of their prepaid cards, and sometimes they get new ones, so we need to ask you again.

Do you have any **general purpose reloadable prepaid cards**?

- These prepaid cards have a logo from Visa, MasterCard, Discover, or American Express and can be used to make payments anywhere credit cards or debit cards are accepted.

1. Yes
2. No

### assign value to dcpc_gpradopter

IF do_you_have_gpr = YES then dcpc_gpradopter = YES
ELSE dcpc_gpradopter = NO

### New screen for qmostusedpayacnt_1

If at least one of (dcpc_pa001_a = 1, dcpc_ccadaptor = 1, dcpc_gpradopter = 1, dcpc_paypaladopter = 1) THEN

(q_mostusedpayacnt_1)

Which of these types of assets or accounts do you use **most often** to fund your payments, including bills?

1. Cash (paper notes, bills, or coins)
2. [IF dcpc_pa001_a > 0] Checking account (checks, debit cards, bank account number payments, online banking bill payments)
3. [IF dcpc_ccadaptor = 1] Credit card
4. [IF dcpc_gpradopter = 1] General purpose prepaid card
5. [IF dcpc_paypaladopter = 1] PayPal
6. Money order
7. Travelers check
8. Mobile phone payments
9. Other (specify)
   a. [open ended text box]

## New screen for qmostusedpayacnt_2

IF q_mostusedpayacnt_1 not equal to 8 “NONE” THEN

Remove the choice for q_mostusedpayacnt_1.

(q_mostusedpayacnt_2)

Which of these types of assets or accounts do you use second most often to fund your payments, including bills?

1. Cash (paper notes, bills, or coins)
2. [IF dcpc_pa001_a > 0] Checking account (checks, debit cards, bank account number payments, online banking bill payments)
3. [IF dcpc_ccadopter = 1] Credit card
4. [IF dcpc_gpradopter = 1] General purpose prepaid card
5. [IF dcpc_paypaladopter = 1] PayPal
6. Money order
7. Travelers check
8. Mobile phone payments
9. Other (specify)
   a. [open ended text box]

ENDIF

ENDIF  ##if q_mostusedpayacnt_1 not equal to 8

IF ccadopter = 1 OR dcpc_ccadopter = 1 THEN

(ccq_001)
Think about all your credit cards.

In a typical month, how many different credit cards do you use to make payments?

1. 1
2. 2
3. 3
4. 4
5. 5
6. More than 5

### New screen
Please tell us about each **credit card** you have.

- *We will use the nickname to refer back to this card during your diary period. The nickname can be something like “blue card” or “kitten picture”.*

**IF ccq_001 = 6 then show instruction:**
You told us that you have more than five credit cards that you use in a typical month. We are only going to ask you about the five you use most often.

### Number of rows equals number selected above.

<table>
<thead>
<tr>
<th>Type of credit card?</th>
<th>Does this card give rewards?</th>
<th>Did this card have an unpaid balance after you paid last month’s bill?</th>
<th>Does this card have a security chip?</th>
<th>Give this card a nickname.</th>
</tr>
</thead>
<tbody>
<tr>
<td>(IF ccq_001 = 1)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Card you use most often to make payments</td>
<td>(ccq_002_a) [dropdown list]</td>
<td>(ccq_003_a)</td>
<td>(ccq_004_a)</td>
<td>(ccq_005_a)</td>
</tr>
<tr>
<td>1. Visa</td>
<td>1. Yes</td>
<td>1. Yes</td>
<td>1. Yes</td>
<td></td>
</tr>
<tr>
<td>3. Discover</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Company or store branded credit cards</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. American Express charge card</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6. American Express credit card</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. Diners Club or other charge cards</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8. Other</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(IF ccq_001 = 2)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Card you use 2nd most</td>
<td>(ccq_002_b)</td>
<td>(ccq_003_b)</td>
<td>(ccq_004_b)</td>
<td>(ccq_005_b)</td>
</tr>
</tbody>
</table>

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(IF ccq_001 = 3)
Card you use 3rd most often

(If ccq_001 = 4)
Card you use 4th most often

(If ccq_001 = 5 or 6)
Card you use 5th most often

ENDIF  ### IF ccadaptor = 1 OR dcpc_ccadaptor = 1 THEN

IF dcadaptor = 1 OR dcpc_dcadaptor = 1 THEN

(dcq_001)
Think about all your debit cards.

In a typical month, how many different debit cards do you use to make payments?

1. 1
2. 2
3. 3
4. 4
5. 5
6. More than 5

### New screen
Please tell us about each debit card you have.

[MORE INSTRUCTIONS HERE]

- We will use the nickname to refer back to this card during your diary period. The nickname can be something like “blue card” or “kitten picture”.

IF dcq_001 = 6 then show instruction:
You told us that you have more than five debit cards that you use in a typical month. We are only going to ask you about the five you use most often.

### Number of rows equals number selected above.
<table>
<thead>
<tr>
<th>Logo on debit card?</th>
<th>Does this card give rewards?</th>
<th>To which account does this card belong?</th>
<th>Give this card a nickname.</th>
</tr>
</thead>
<tbody>
<tr>
<td>(IF dcq_001 = 1) Card you use most often to make payments</td>
<td>(dcq_002_a) [dropdown list] 1. Visa 2. MasterCard 3. No logo</td>
<td>(dcq_003_a) 1. Yes 2. No</td>
<td>(dcq_005_a) 1. Primary account 2. Another account</td>
</tr>
<tr>
<td>(IF dcq_001 = 2) Card you use 2nd most often</td>
<td>(dcq_002_b)</td>
<td>(dcq_003_b)</td>
<td>(dcq_005_b)</td>
</tr>
<tr>
<td>(IF dcq_001 = 3) Card you use 3rd most often</td>
<td>(dcq_002_c)</td>
<td>(dcq_003_c)</td>
<td>(dcq_005_c)</td>
</tr>
<tr>
<td>(IF dcq_001 = 4) Card you use 4th most often</td>
<td>(dcq_002_d)</td>
<td>(dcq_003_d)</td>
<td>(dcq_005_d)</td>
</tr>
<tr>
<td>(IF dcq_001 = 5 or 6) Card you use 5th most often</td>
<td>(dcq_002_e)</td>
<td>(dcq_003_e)</td>
<td>(dcq_005_e)</td>
</tr>
</tbody>
</table>

ENDIF  ## IF ccadaptor = 1 OR dcpc_ccadaptor = 1 THEN

4) Balances – Beginning of diary cash and account balances

a) Balance – Count your cash

(q1)
It is important that we know how much cash you started this diary period with.
• *Do not count foreign currency.*
• *Do not count coins.*

At the end of the day on [DISPLAY DIARY DAY 0 HERE, example “Wednesday, October 3”] do you have any paper cash in your wallet, purse and/or pocket?

1. Yes
2. No

If q1 = NO then:
(q1a)

Please tell us why you don’t have any paper cash.
1. I just ran out and I need to get more.
2. I usually do not carry cash.
3. I gave my cash to someone else, such as a family member/friend/housemate.
4. My cash was stolen or lost.
5. Other (specify)
5other. ______________

If q1 = YES then show the following screen:

---

**Cash in wallet, purse and/or pocket**

Please tell us the number of bills of each denomination in your wallet, purse and/or pocket at the end of the day on [DISPLAY DIARY DAY 0 HERE, example “Wednesday, October 3”].

Your total dollar amount will be automatically calculated.

• *Do not consider coins.*
• *Do not include foreign currencies.*

NUMBER OF:

_____ x $1 bills = $[calculated on the fly]  _____ x $20 bills = $[calculated on the fly]

_____ x $2 bills = $[calculated on the fly]  _____ x $50 bills = $[calculated on the fly]

_____ x $5 bills = $[calculated on the fly]  _____ x $100 bills = $[calculated on the fly]

_____ x $10 bills = $[calculated on the fly]

Total dollar amount $[GRAND TOTAL DOLLAR AMOUNT, calculated on the fly]

---

# Variable names for the items above:

denom1_num (the number of bills), denom1_amnt (the dollar amount)
denom2_num, denom2_amnt
denom5_num, denom5_amnt
 denom10_num, denom10_amnt
 denom20_num, denom20_amnt
 denom50_num, denom50_amnt
 denom100_num, denom100_amnt
 amntcashend_day0

(q1b)
You told us you have $[GRAND TOTAL DOLLAR AMOUNT] in cash in your wallet, purse and/or pocket. Is this amount correct?
1. Yes
2. No

***If q1b = NO, please take the diarist back to the “Count your paper cash” screen so they can correct their numbers***

## The name of the variable for GRAND TOTAL DOLLAR AMOUNT should be “amntcashend_day0”. If the respondent does not have any cash at the start of Day 0, then amntcashend_day0 = 0. If q1 = NO then amntcashend_day0 should be set to 0, not missing

(scpc_pa015_b)
Do you have any cash stored elsewhere in your home, car, office, etc.?  
• Do not include cash owned by other members of your household.

1. Yes
2. No

IF scpc_pa015_b = YES then

---

Cash stored elsewhere

Please tell us the number of bills of each denomination stored elsewhere in your home, car, office, etc., on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”].

Your total dollar amount will be automatically calculated.

• Do not consider coins.
• Do not include foreign currencies.

NUMBER OF:

____ x $1 bills = $[calculated on the fly]  ____ x $20 bills = $[calculated on the fly]

____ x $2 bills = $[calculated on the fly]  ____ x $50 bills = $[calculated on the fly]

---

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### Variable names for the items above:
- storedcash1_num, storedcash1_amnt
- storedcash2_num, storedcash2_amnt
- storedcash5_num, storedcash5_amnt
- storedcash10_num, storedcash10_amnt
- storedcash20_num, storedcash20_amnt
- storedcash50_num, storedcash50_amnt
- storedcash100_num, storedcash100_amnt
- storedcash_total_amnt

### ERROR Check

If every cell in “Count your paper cash stored elsewhere” is left blank, then show the following screen:

(storedcash_estimate_amnt)

It is important for us to know how much cash you have stored elsewhere in your **home, car, office, etc.**

Please give us an estimate of how much cash you have stored elsewhere in your home, car, office, etc.

$__________

(q1_storedcashcorrect)

You told us you have $[GRAND TOTAL DOLLAR AMOUNT OR storedcash_estimate_amnt] in cash stored elsewhere in your **home, car, office, etc.** Is this amount correct?
- 1. Yes
- 2. No

### New screen

IF storedcash_total_amnt > 0 OR storedcash_estimate_amnt > 0 THEN

#### randomize to display either dcpc_pa015_c or dcpc_pa015_d

(dcpc_pa015_c)

You said you have $[FILL: response for storedcash_total_amnt or storedcash_estimate_amnt] in cash stored elsewhere.

How much of that are you holding for cash payments (either for planned spending or emergencies)?

- About $_______,00  **# Do not allow answer which is greater than pa015_b**
(dcpc_pa015_d)

You said you have $[FILL: response for storedcash_total_amnt or storedcash_estimate_amnt] in cash stored elsewhere.

How much of that have you set aside for long-term savings?

- About $________.00  ## Do not allow answer which is greater than pa015_b

ENDIF

b) Balance – Checking account

### New Screen – Intro to checking account balances section

This section uses the newly created DCPC variable “dcpc_pa001_a” in order to determine the text to display. The differences are based on the number of checking accounts the respondent owns.

IF dcpc_pa001_a = 1 THEN:

(pa071_a_a)

Checking account balance

Please use one of the following methods to look up your checking account balance:

- Your bank’s online banking website
- Your bank’s mobile app
- Your bank’s telephone banking system
- Your check book balance (if you keep a running daily balance that is up to date)

If you are not able to tell us your checking account balance right now, we’ll ask again tomorrow. If you prefer, please visit or call your bank to ask for your exact balance as of midnight tonight, [DAY 0 DATE] and enter the information tomorrow.

Are you able to tell us your checking account balance now?

1. Yes
2. No

IF dcpc_pa001_a >= 2 THEN:

(pa071_a_b)

Primary checking account balance
Your primary checking account is the one you use most often to make payments, not necessarily the account with the most money in it.

Please use one of the following methods to look up your primary checking account balance:
- Your bank’s online banking website
- Your bank’s mobile app
- Your bank’s telephone banking system
- Your check book balance (if you keep a running daily balance that is up to date)

If you are not able to tell us your checking account balance right now, we’ll ask again tomorrow. If you prefer, please visit or call your bank(s) to ask for your exact balance as of midnight tonight, [DAY 0 DATE] and enter the information tomorrow.

Are you able to tell us your primary checking account balance now?
1. Yes
2. No

## We will only ask about checking account balances on Day 0 and at the end of Day 3!

## New screen

IF pa071_a = YES:

IF dcpc_pa001_a = 1 THEN

Please tell us the balance of your checking account as of [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”].

• Round to the nearest dollar
• Please report the total balance of the checking account, even if jointly owned

(pa072_a)
Balance of checking account $______________ .00

(pa072_a_date)
Please tell us the time that you checked the balance of your checking account on [DAY 0 DATE]. [clock widget]

ELSE IF dcpc_pa001_a >= 2 THEN

Please tell us the balance of your primary checking account as of [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”].

• Round to the nearest dollar
• Please report the total balance of the checking account, even if jointly owned
• Your primary account is the account you use most often to make payments, not necessarily the account with the most money in it.

(pa072_a)
Balance of primary account $______________.00

(pa072_a_date)
Please tell us the time that you checked the balance of your primary checking account on [DAY 0 DATE].
[clock widget]

c) Balance – General Purpose Prepaid cards

IF dcpc_gpradopter = YES (“1”) THEN

(pa074)
Please tell us the balance of your primary general purpose reloadable (GPR) prepaid card as of [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”].

• Your primary GPR prepaid card is the one you use most often to make payments with a GPR card, not necessarily the GPR card with the most money in it.
• Round to the nearest dollar.

What is the balance of your primary GPR prepaid card?

$______________.00

(pa074_time)
Please tell us the time you checked this balance.
[clock widget]

(pa074_date)
Please tell us the date you checked this balance.
[calendar widget]

d) Balance – PayPal account

IF dcpc_paypaladopter = 1 THEN

(paypal_balday0)
Please tell us the balance of your primary PayPal account as of [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”].

- If you have more than one PayPal account, your primary account is the one that you use most often to make payments, not necessarily the account with the most money in it.
- Round to the nearest dollar.

What is the balance of your primary PayPal account?

$_____________.00

(pa074_time)

Please tell us the time you checked this balance.
[clock widget]

(pa074_date)

Please tell us the date you checked this balance.
[calendar widget]

5) Income and employment status

(q14)

Now we would like to ask you a few questions about your employment and income.

What is your labor force status?

- Please choose all that apply.

1. Currently working
2. On sick or other leave
3. Unemployed - on layoff
4. Unemployed - looking
5. Retired
6. Disabled
7. Other (specify)
   a. [open ended text box]

## new screen -- q15

If q14 = “Currently working” is selected then

(q15)
Are you employed by government, by a private company, a nonprofit organization, or are you self-employed?
1. Government
2. Private-for-profit company
3. Non-profit organization including tax exempt and charitable organizations
4. Self-employed

End skip (q14 = working now)

## New screen

(q140)
Do you receive any of the following types of income?
- Please tell us only about income you receive, not income of a spouse, partner, or other household member.

<table>
<thead>
<tr>
<th>Income Type</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>(q140_a) Employment income (wages, salary, bonuses)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(q140_c) Self-employment income</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(q140_d) Social Security</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(q140_b) Employer-paid retirement</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(q140_j) IRA, Roth IRA, 401(k), or other retirement fund</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(q140_e) Interest and dividends</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(q140_f) Rental income</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(q140_g) Government assistance (disability, unemployment, SNAP, TANF, WIC)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(q140_h) Alimony</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(q140_i) Child support</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## New screen

IF any of q140_a - q140_j = YES then
## only display rows where q140 = YES

(q141)
Please tell us how often you receive income.

<table>
<thead>
<tr>
<th>(IF q140_a = YES)</th>
<th>How often you receive income?</th>
</tr>
</thead>
<tbody>
<tr>
<td>(q141_a)</td>
<td>## Show this dropdown in each row that is displayed in the table.</td>
</tr>
<tr>
<td>Employment income (wages, salary, bonuses)</td>
<td>Drop-down:</td>
</tr>
<tr>
<td>(IF q140_c = YES)</td>
<td>--Select one--</td>
</tr>
<tr>
<td>(q141_c)</td>
<td>1. Weekly</td>
</tr>
<tr>
<td>Self-employment income</td>
<td>2. Every two weeks</td>
</tr>
<tr>
<td>(IF q140_d = YES)</td>
<td>3. Twice per month</td>
</tr>
<tr>
<td>(q141_d)</td>
<td>4. Monthly</td>
</tr>
<tr>
<td>Social Security</td>
<td>5. Quarterly</td>
</tr>
<tr>
<td>(IF q140_b = YES)</td>
<td>6. Yearly</td>
</tr>
<tr>
<td>(q141_b)</td>
<td>7. Other, on a one-time basis</td>
</tr>
<tr>
<td>Employer-paid retirement</td>
<td>8. Other, on a regular basis</td>
</tr>
<tr>
<td>(IF q140_j = YES)</td>
<td>9. Other, on an irregular basis</td>
</tr>
<tr>
<td>(q141_j)</td>
<td>## Variable ID’s for this column:</td>
</tr>
<tr>
<td>IRA, Roth IRA, 401(k), or other retirement fund</td>
<td>q141_a_freq</td>
</tr>
<tr>
<td>(IF q140_e = YES)</td>
<td>q141_c_freq</td>
</tr>
<tr>
<td>(q141_e)</td>
<td>q141_d_freq</td>
</tr>
<tr>
<td>Interest and dividends</td>
<td>q141_b_freq</td>
</tr>
<tr>
<td>(IF q140_f = YES)</td>
<td>q141_j_freq</td>
</tr>
<tr>
<td>(q141_f)</td>
<td>q141_e_freq</td>
</tr>
<tr>
<td>Rental income</td>
<td>q141_i_freq</td>
</tr>
<tr>
<td>(IF q140_g = YES)</td>
<td>q141_f_freq</td>
</tr>
<tr>
<td>(q141_g)</td>
<td>q141_g_freq</td>
</tr>
<tr>
<td>Government assistance (disability, unemployment, SNAP, TANF, WIC)</td>
<td>q141_h_freq</td>
</tr>
<tr>
<td>(IF q140_h = YES)</td>
<td>q141_i_freq</td>
</tr>
<tr>
<td>(q141_h)</td>
<td></td>
</tr>
<tr>
<td>Alimony</td>
<td></td>
</tr>
<tr>
<td>(IF q140_i = YES)</td>
<td></td>
</tr>
<tr>
<td>(q141_i)</td>
<td></td>
</tr>
<tr>
<td>Child support</td>
<td></td>
</tr>
</tbody>
</table>

## BEGIN new Day 0 income questions

## New screen

IF any of q140_a – q140_j = YES then
## only display rows where q140 = YES

(q142)

Did you receive any income from the following sources on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”]?  

<table>
<thead>
<tr>
<th>Income Source</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Employment income (wages, salary, bonuses)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Self-employment income</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Social Security</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Employer-paid retirement</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IRA, Roth IRA, 401(k), or other retirement fund</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Interest and dividends</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rental income</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Government assistance (disability, unemployment, SNAP, TANF, WIC)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alimony</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Child support</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## New screen

IF any of q142_a – q142_j = YES then

## only display rows where q142 = YES

(q144)
How much **net income** (also called after-tax income) did you receive and how did you receive the income on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”]?

In other words, tell us the amount deposited into one of your accounts, or the amount of cash or a check you received.

- **Report NET amount of income received, after all taxes and other deductions.**
- **Include multiple payments from the same source.**

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount</th>
<th>How did you receive your income?</th>
</tr>
</thead>
</table>
| (IF q142_a = YES) Employment (wages, salary, bonuses) | (q144_a) $_______ | **## Show the drop down list for each row that is displayed.**

[Drop down list]

--Select one--
1. Direct deposit to primary checking account only
2. Direct deposit to some other checking or savings account
3. Direct deposit to more than one account
4. Paper check
5. Cash
6. Payroll card
7. General purpose reloadable prepaid card
8. Other

**## Variable names for “How did you receive your income?”**

| (IF q142_a = YES) Employment (wages, salary, bonuses) | (q144_a) $_______ | |
| (IF q142_b = YES) Employer-paid retirement | (q144_b) $_______ | |
| (IF q142_c = YES) Self-employment income | (q144_c) $_______ | |
| (IF q142_d = YES) Social Security | (q144_d) $_______ | |
| (IF q142_e = YES) Interest and dividends | (q144_e) $_______ | |
| (IF q142_f = YES) Rental income | (q144_f) $_______ | |
| (IF q142_g = YES) Government assistance (disability, unemployment, SNAP, TANF, WIC) | (q144_g) $_______ | |
| (IF q142_h = YES) Alimony | (q144_h) $_______ | |
| (IF q142_i = YES) Child support | (q144_i) $_______ | |

**## new screen**

IF Any row has q143 = 3 THEN DISPLAY SCREEN

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How much was deposited to your primary checking account?

- If none, enter 0.

## error check – do not let the respondent enter a number greater than the response for q144. IF ERROR, show text “Enter a number between 0 and [answer for q144]”

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>(IF q143_a = 3) Employment (wages, salary, bonuses)</td>
<td>(q147_a) $______</td>
</tr>
<tr>
<td>(IF q143_c = 3) Self-employment income</td>
<td>(q147_c) $______</td>
</tr>
<tr>
<td>(IF q143_d = 3) Social Security</td>
<td>(q147_d) $______</td>
</tr>
<tr>
<td>(IF q143_b = 3) Employer-paid retirement</td>
<td>(q147_b) $______</td>
</tr>
<tr>
<td>(IF q143_j = 3) IRA, Roth IRA, 401(k), or other retirement fund</td>
<td>(q147_j) $______</td>
</tr>
<tr>
<td>(IF q143_e = 3) Interest and dividends</td>
<td>(q147_e) $______</td>
</tr>
<tr>
<td>(IF q143_f = 3) Rental income</td>
<td>(q147_f) $______</td>
</tr>
<tr>
<td>(IF q143_g = 3) Government assistance</td>
<td>(q147_g) $______</td>
</tr>
<tr>
<td>(IF q143_h = 3) Alimony</td>
<td>(q147_h) $______</td>
</tr>
<tr>
<td>(IF q143_i = 3) Child support</td>
<td>(q147_i) $______</td>
</tr>
</tbody>
</table>

End IF (Any row has q143 = 3)

## new screen

(q18)

Prior to today, please tell us the date of the [FILL: if all of q142 = NO then “last”, if any of q142 = YES then “previous”] time you received some form of income.
6) Special module – Preferences, characteristics and expectations.

## New screen – bill payments section
(q115_b)
**Bill payment preferences**

Please tell us the payment method you most prefer to use for making **bill payments**.

1. Cash
2. Check
3. Credit card
4. Debit card
5. Prepaid/Gift/EBT card
6. Bank account number payment
7. Online banking bill payment
8. Money order
9. Traveler’s check
10. PayPal
11. Account-to-account transfer
12. Mobile phone payment
13. Other payment method

## New screen -- Q116_b and Q117_b on the same page****

(q116_b)
**Bill payment preferences**

Please tell us the most important characteristic of [FILL: insert response to q115_b, in **bold**] when making a **bill payment**.

## use these fills for q116_b, q118_b, q116_a, q117_a, q118_a, q116_c.

“cash”
“a check”
“a credit card”
“a debit card”
“a prepaid/gift/EBT card”
“a bank account number payment”
“an online banking bill payment”
“a money order”
“a traveler’s check”

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“PayPal”
“an account-to-account transfer”
“a mobile phone payment”
“another payment method”

## Randomize this list of response options and keep the same randomization for q116_a and q116_c and q118_a and q118_b
1. Security
2. Accepted at lots of places
3. Cost
4. Convenience
5. Budget control
6. [IF q115_b = “credit card” or “debit card” then display]Rewards
7. Speed
8. Payment records
9. Getting and setting-up
10. Other (specify)
   ○ [open ended text box]

IF q116_b = 7 (“Speed”)

(q114_b1)

Which aspect of speed is most important when choosing to use [FILL: insert response to q115_b, in bold] to make a bill payment?

***Randomize response options***

1. Speed at time of payment
2. Speed of payment deduction from your bank account or prepaid card
3. Speed of recipient receiving payment
4. Speed of notification of new balance of your account

ELSE IF q116_b = 1 (“Security”)

(q113_b1)

Which aspect of security is most important when choosing to use [FILL: insert response to q115_b, in bold] to make a bill payment?

***Randomize response options***

1. Security of your personal information (name, address, Social Security number, birthdate, etc.)
2. Security against permanent financial loss
3. Security of information about the transaction (what was paid for, amount, where you shopped)
(q117_b)
In cases where you can’t use [insert response to q115_b, in bold] to make a bill payment, what is your preferred fallback payment method?

****delete response to q115_b from the list below****
1. Cash
2. Check
3. Credit card
4. Debit card
5. Prepaid/Gift/EBT card
6. Bank account number payment
7. Online banking bill payment
8. Money order
9. Traveler’s check
10. PayPal
11. Account-to-account transfer
12. Mobile phone payment
13. Other payment method

## New screen
(q118_b)
Bill payment preferences

Please tell us the most important characteristic of [insert response to q117_b, in bold] when making a bill payment.

## use these fills for for q117_b, q118_b, q116_a, q117_a, q118_a, q116_c.
“cash”
“a check”
“a credit card”
“a debit card”
“a prepaid/gift/EBT card”
“a bank account number payment”
“an online banking bill payment”
“a money order”
“a traveler’s check”
“a mobile phone payment”
“another payment method”

## Use same randomization as q116_b
1. Security
2. Accepted at lots of places
3. Cost
4. Convenience
5. Budget control

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6. [IF q117_b = “credit card” or “debit card” then display] Rewards
7. Speed
8. Payment records
9. Getting and setting-up
10. Other (specify)
   o [open ended text box]

IF q118_b = 7 ("Speed")

(q114_b2)

Which aspect of speed is most important when choosing to use [insert response to q117_b, in bold] to make a bill payment?

***Randomize response options****

1. Speed at time of payment
2. Speed of payment deduction from your bank account or prepaid card
3. Speed of recipient receiving payment
4. Speed of notification of new balance of your account

ELSE IF q118_b = 1 ("Security")

(q113_b2)

Which aspect of security is most important when choosing to use [insert response to q117_b, in bold] to make a bill payment?

***Randomize response options****

1. Security of your personal information (name, address, Social Security number, birthdate, etc.)
2. Security against permanent financial loss
3. Security of information about the transaction (what was paid for, amount, where you shopped)

END IF

## New screen – in person payments section
(q115_a)

Purchases and other non-bill payments preferences

Please tell us the payment method you most prefer to use for making purchases and other nonbill payments.

1. Cash
2. Check
3. Credit card
4. Debit card
5. Prepaid/Gift/EBT card
6. Bank account number payment
7. Online banking bill payment
8. Money order
9. Traveler’s check
10. PayPal
11. Account-to-account transfer
12. Mobile phone payment
13. Other payment method

## New screen -- Q116_a and Q117_a on the same page****

(q116_a)

Purchases and other non-bill payments preferences

Please tell us the most important characteristic of [insert response to q115_a, in bold] when making purchases and other nonbill payments.

## Use same randomization as q116_b

1. Security
2. Accepted at lots of places
3. Cost
4. Convenience
5. Budget control
6. [IF q115_a = “credit card” or “debit card” then display] Rewards
7. Speed
8. Payment records
9. Getting and setting-up
10. Other (specify)
   ○ [open ended text box]

IF q116_a = 7 (“Speed”) (q114_a1)

Which aspect of speed is most important when choosing to use [insert response to q115_a, in bold] when making purchases and other nonbill payments?

***Randomize response options****

1. Speed at time of payment
2. Speed of payment deduction from your bank account or prepaid card
3. Speed of recipient receiving payment
4. Speed of notification of new balance of your account

ELSE IF q116_a = 1 (“Security”) (q113_a1)
Which aspect of security is most important when choosing to use \[\text{insert response to q115\_a, in bold}\] when making \textit{purchases and other nonbill payments}?

\[\text{***Randomize response options***}\]

1. Security of your personal information (name, address, Social Security number, birthdate, etc.)
2. Security against permanent financial loss
3. Security of information about the transaction (what was paid for, amount, where you shopped)

\[\text{END IF}\]

(q117\_a)

In cases where you can’t use \[\text{insert response to q115\_a, in bold}\] when making \textit{purchases and other nonbill payments}, what is your preferred fallback payment method?

\[\text{****delete response to q115\_a from the list below****}\]

1. Cash
2. Check
3. Credit card
4. Debit card
5. Prepaid/Gift/EBT card
6. Bank account number payment
7. Online banking bill payment
8. Money order
9. Traveler’s check
10. PayPal
11. Account-to-account transfer
12. Mobile phone payment
13. Other payment method

\[\text{## New screen}\]

(q118\_a)

\textbf{Purchases and other non\textit{-}bill payments preferences}

Please tell us the most important characteristic of \[\text{insert response to q117\_a, in bold}\] when making \textit{purchases and other nonbill payments}.

\[\text{## Use same randomization as q116\_b}\]

1. Security
2. Accepted at lots of places
3. Cost
4. Convenience
5. Budget control
6. \[\text{[IF q117\_a = “credit card” or “debit card” then display]Rewards}\]
7. Speed
8. Payment records

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9. Getting and setting-up
10. Other (specify)
   o [open ended text box]

IF q118_a = 7 (“Speed”)

(q114_a2)

Which aspect of speed is most important when choosing to use [insert response to q117_a, in bold] when making purchases and other nonbill payments?

***Randomize response options***

1. Speed at time of payment
2. Speed of payment deduction from your bank account or prepaid card
3. Speed of recipient receiving payment
4. Speed of notification of new balance of your account

ELSE IF q118_a = 1 (“Security”)

(q113_a2)

Which aspect of security is most important when choosing to use [insert response to q117_a, in bold] when making purchases and other nonbill payments?

***Randomize response options***

1. Security of your personal information (name, address, Social Security number, birthdate, etc.)
2. Security against permanent financial loss
3. Security of information about the transaction (what was paid for, amount, where you shopped)

END IF

## New screen

(q160)

In-person purchases preferences

Please tell us the payment method you most prefer to use for making in-person purchases, depending on dollar value.

<table>
<thead>
<tr>
<th>q160_a</th>
<th>Less than $10</th>
<th>Payment method</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>[Drop down list for each row of table]</td>
</tr>
<tr>
<td>(q160_b)</td>
<td>Between $10 and less than $25</td>
<td>--Select one---</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1. Cash</td>
</tr>
<tr>
<td>(q160_c)</td>
<td></td>
<td>2. Check</td>
</tr>
</tbody>
</table>
Between $25 and less than $50
(q160_d)
Between $50 and less than $100
(q160_e)
$100 or more

3. Credit card
4. Debit card
5. Prepaid/Gift/EBT card
6. Bank account number payment
7. Online banking bill payment
8. Money order
9. Traveler’s check
10. PayPal
11. Account-to-account transfer
12. Mobile phone payment
13. Other payment method

## Variable names:
q160_pm_a
q160_pm_b
q160_pm_c
q160_pm_d
q160_pm_e

IF any of q160_pm_a—q160_pm_e = “Mobile phone payment” (option 10) OR q115_a = “Mobile phone payment” or q115_b = “Mobile phone payment” or q115_c = “Mobile phone payment” THEN

(q161)
What payment method is your mobile app funded with?
   1. Credit card
   2. Debit card
   3. Prepaid card
   4. Bank account number
   5. Apple Pay
   6. PayPal
   7. Other (specify)
      a. [open ended text box]

ENDIF

## New screen – online payments section
(q115_c)

Online purchases preferences

Please tell us the payment method you most prefer to use for making **online purchases** (on the Internet) to buy goods and services (not to pay bills). Examples include Amazon, Walmart.com, etc.
   1. Cash
   2. Check
   3. Credit card
   4. Debit card
   5. Prepaid/Gift/EBT card
6. Bank account number payment
7. Online banking bill payment
8. Money order
9. Traveler’s check
10. PayPal
11. Account-to-account transfer
12. Mobile phone payment
13. Other payment method

## New screen

(q116_c)

Online purchases preferences

Please tell us the most important characteristic of [insert response to q115_c, in bold] when making online purchases (on the Internet) to buy goods and services (not to pay bills). Examples include Amazon, Walmart.com, etc.

## Use same randomization as q116_b

1. Security
2. Accepted at lots of places
3. Cost
4. Convenience
5. Budget control
6. [IF q115_c = “credit card” or “debit card” then display] Rewards
7. Speed
8. Payment records
9. Getting and setting-up
10. Other (specify)
   o [open ended text box]

IF q116_c = 7 (“Speed”)

(q114_c1)

Which aspect of speed is most important when choosing to use [insert response to q115_c, in bold] to make online purchases?

***Randomize response options***

1. Speed at time of payment
2. Speed of payment deduction from your bank account or prepaid card
3. Speed of recipient receiving payment
4. Speed of notification of new balance of your account

ELSE IF q116_c = 1 (“Security”)

(q113_c1)
Which aspect of security is most important when choosing to use [insert response to q115_c, in bold] to make online purchases?

***Randomize response options****

1. Security of your personal information (name, address, Social Security number, birthdate, etc.)
2. Security against permanent financial loss
3. Security of information about the transaction (what was paid for, amount, where you shopped)

END IF

7) End of Day 0 thank you text

Thank you for answering our questions. Please log on tomorrow to enter your purchases or cash activity, even if you have no activity tomorrow.

To get ready to enter your payment information tomorrow, [Day 1], please read the diary instructions and watch the video (if you haven’t already).

8) Daily intro text/welcome back

IF diaryday = 1 THEN

Welcome to Day 1 of the 2016 Diary of Consumer Payment Choice. Thank you for agreeing to tell us about your payments and cash activity.

ELSE IF diaryday > 1 THEN

Welcome back! Thank you for telling us about your payments and cash activity.

END IF

ALL diary days:

We understand that not everybody makes payments or has cash activity each day. We are interested in all types of payment behavior, including days with zero payments or cash activity. Please enter your information for today’s diary day.

Remember to include each transaction that you make. Only include a transaction once. Do not enter transaction information twice.

Do not include transactions made in foreign countries or foreign currencies.

Day 1 only:

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IF pa071_a = NO #pa071_a is from Day 0
(pa071_b)

Yesterday, you told us that you were not able to tell us your [FILL: IF dcpc_pa001_a > 1 then “primary”] checking account balance.

Please use one of the following methods to look up your [FILL: IF dcpc_pa001_a > 1 then “primary”] checking account balance:

- Your bank’s online banking website
- Your bank’s mobile app
- Your bank’s telephone banking system
- Your check book balance

Are you able to tell us your balance for [DAY 0 DATE] today?
1. Yes
2. No

IF pa071_b = YES then

IF dcpc_pa001_a = 1 THEN

Please tell us the balance of your checking account for [DAY 0 DATE]. Please let us know the time and date that you checked your balance.

- Round to the nearest dollar
- Please report the total balance of the checking account, even if jointly owned

(pa072_a)
Balance of checking account $_______________ .00

(pa072_a_time)
Please tell us the time of this balance which you are reporting to us.
[clock widget]

(pa072_a_date)
Please tell us the date of this balance which you are reporting to us.
[calendar widget]

ELSE IF dcpc_pa001_a >= 2 THEN
Please tell us the balance of your primary checking account for [DAY 0 DATE]. Please let us know the time and date that you checked your balance.

- Round to the nearest dollar
- Please report the total balance of the checking account, even if jointly owned
- Your primary account is the account you use most often to make payments, not necessarily the account with the most money in it.

(pa072_a)
Balance of primary account $_______________.00

(pa072_a_time)
Please tell us the time of this balance which you are reporting to us.
[clock widget]

(pa072_a_date)
Please tell us the date of this balance which you are reporting to us.
[calendar widget]

ENDIF ## dcpc_pa001_a

ELSE IF pa071_b = NO then

Are you able to tell us your checking account balance for [DAY 1 DATE]?
1. Yes
2. No

IF YES THEN

Please tell us the balance of your checking account for [DAY 1 DATE]. Please let us know the time and date that you checked your balance.

- Round to the nearest dollar
- Please report the total balance of the checking account, even if jointly owned

(pa072_a)
Balance of checking account $_______________.00

(pa072_a_time)
Please tell us the time of this balance which you are reporting to us.
[clock widget]
Please tell us the date of this balance which you are reporting to us.
[calendar widget]

IF NO THEN
    It is important for us to get an accurate measure of your checking account balance. We will ask again on the third evening of your diary. Thank you.
ENDIF

ENDIF #pa071_b

9) Purchases module

(q199)

Your [FILL:IF Diary Day = 1 THEN “first”/ IF Diary Day = 2 THEN “second”/ IF Diary Day = 3 THEN “third”] diary day is [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”]. Are you recording and reporting your payments and transactions for your assigned date, or are you reporting for a different date?

- For example, you were assigned October 3-5 but instead when you reported your payments for Day 3 you reported for October 6.

1. Yes, I am reporting for my assigned diary date, [DAY 1 DATE].
2. No, I am reporting for another date.

IF q199 = NO then
    Please explain why you participated on another day.
    [open ended text box]

    Tell us the date you are reporting for
    [smaller calendar widget]

ENDIF

(q98)

Did you make any payments on [DISPLAY DIARY DATE HERE, example: Wednesday, October 3]? 
1. Yes
2. No

If q98 = NO then:
***ask Q98a for each day the respondent says they have no purchases***
(q98a)
It’s OK if you didn’t make any payments today.

Please tell us the reason that best describes why you didn’t make any payments on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”].

1. I didn’t need to make any payments today.
2. I was too busy to make payments today.
3. I’m trying to spend less.
4. Other (specify)
   
   4other. _____________

ENDIF

If q98 = YES then:
(q2)

Daily payments – Please enter the information for [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”].

- Report the exact amount of the payment. Include dollars and cents in the form xxx.xx.
- Do not include payments made ONLY for business purposes.
- Include all other payments made today, no matter how small the amount of the payment.
- Complete the entire row for the first payment you want to enter for today, then click Next.
- Answer some additional questions about your payment, then answer “Yes” if you made any additional payments, and a new row will appear on this screen.
- When you have finished entering all payments for today, please answer “No” when we ask if you made any additional payments.

****make these instructions bulletpointed and italicized****

**** This table and pay001_N are going to appear on the same screen. The question pay001_N is where the respondent will describe the merchant type.****

<table>
<thead>
<tr>
<th>Time</th>
<th>Amount Spent</th>
<th>Payment method</th>
<th>Did you pay in person?</th>
<th>Device</th>
</tr>
</thead>
<tbody>
<tr>
<td>[use time entry widget]</td>
<td>$_____</td>
<td>Drop down list:</td>
<td>Yes</td>
<td>Drop down list:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>P0 – Multiple payment methods</td>
<td></td>
<td>D1 – Computer (laptop or desktop)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>P1 – Cash</td>
<td></td>
<td>D2 – Tablet (e.g. iPad, Kindle)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>P2 – Check</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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35
## Create a variable amntcashpurch = Sum(Amount spent where payment method = 1). In other words, the total amount of cash spent on that day. If there are no cash payments on that day, then amntcashpurch = 0.

## Create a variable numcashpurch = Number of cash payments on that day. If there are no cash payments on that day, then numcashpurch = 0.

## if we use three boxes to enter the time, name the variables:
- `paytime_h_N`, where N is the number of the payment (1 = first payment of the day, 2 = second, etc.)
- `paytime_m_N`
- `paytime_ampm_N`

## Amount spent variable should be called:
- `payamnt_N`, where N is the number of the payment (1 = first payment of the day, 2 = second, etc.)

## Payment method variable names:
- `paymethod_N`, where N is the number of the payment (1 = first payment of the day, 2 = second, etc.)

## Payment location variable names:
- `paylocation_N`, where N is the number of the payment (1 = first payment of the day, 2 = second, etc.)

## Payment device variable names:
- `paydevice_N`, where N is the number of the payment (1 = first payment of the day, 2 = second, etc.)
## Payment merchant variable names:
-- see next section below.

- pay001_N, where N is the number of the payment (1 = first payment of the day,
  2 = second, etc.)
- All the variable names listed below in the “Merchant categorization and
  consumption module” will have the suffix “_N” where N is the number of the
  payment (1 = first payment of the day, 2 = second, etc.)

(pay003_N)

## Error Check

The details of this payment are listed below. If anything looks off, please let us know.

***show payment details***

Is everything correct?

1. Yes
2. No

****If the response to pay003 is NO, then display a new screen with
the payments entry correction page. If YES, display a new
payments entry page for the next payment

PROGRAMMER: If the above instruction is not clear, please ask Kevin
for more information

****

a) Merchant categorization and consumption module

## PROGRAMMER – This item PAY001_N goes directly below the payments table above. It’s on
the same screen as Daily purchases of goods and services.

(pay001_N)

What type of merchant, service provider, or person did you pay?

## Selectable list:

- Financial services provider
  Examples: banks, credit card companies, insurance companies, mortgage companies, mutual funds, brokerages

- Education provider
  Examples: schools, colleges, childcare

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Medical care provider
Examples: hospital, doctor, dentist, physical therapy

Government
Examples: federal/state/local taxes, fees, fines, licenses, utilities

Nonprofit/charity
Examples: churches, temples, mosques, United Way, Community Chest, American Cancer Society, Red Cross

A person (not a business, government, or organization as far as I know)
Examples: friends, family, co-workers, other people.

Retail store or online retailer; restaurants and gas stations
Includes retail stores; grocery stores/supermarkets; gas stations; restaurants and fast food stores; Amazon.com

Business that sells primarily services
Examples: utilities, repair services, communications, entertainment, personal services

Other

## There were 9470 payments in the 2015 DCPC.
## Financial services = 401 payments, 4.23%
## Education = 65 payments, 0.69%
## Medical care = 173, 1.83%
## Government = 169, 1.78%
## Nonprofit/charity = 217, 2.29%
## Person = 436, 4.60%
## Retail store, etc. = 6253, 66.03%
## Services = 748, 7.90%
## Other = 1008, 10.64%

## new screen – this first follow up question pay002_N is asked for almost all payments (exception = pay001_N = “Retail store or online retailer, restaurants and gas stations”)

IF pay001_N does not equal “Retail store or online retailer; restaurants and gas stations” THEN:

(pay002_N)

Please describe this payment:
1. Not a bill payment

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2. Regularly recurring bill payment
3. One time bill payment
4. Recurring bill payment with irregular frequency
5. Other (specify)
   o [open ended text box]

IF pay002_N = 2 OR pay002_N = 4 THEN

(pay002_autom_N)

An automatic bill payment is a payment set up to occur on pre-scheduled basis. Once set up, they do not require any additional effort on the consumer’s part.

Was this bill payment automatic?
1. Yes
2. No

ENDIF (pay002_N = 2 OR pay002_N = 4)

IF pay002_N = “regularly recurring bill payment” THEN

(pay002b_N)

How often is this bill due?
1. Weekly
2. Bi-weekly
3. Twice a month
4. Monthly
5. Every other month
6. Quarterly
7. Every six months
8. Yearly
9. Other (specify)
   a. [open ended text box]

IF pay002_N = “recurring bill payment with irregular frequency” THEN

(pay002c_N)

About how many times per year do you pay this bill?
__________ times per year

ENDIF
IF pay002_N = “Regularly recurring bill payment” OR “One time bill payment” OR “Recurring bill payment with irregular frequency” THEN

(pay002d_N)

Was this bill payment for goods or services that were received previously or for goods and services that you will receive in the future?

- An example of a good or services which was received previously is medical care (you receive medical care and then pay after).
- An example of a good or services which will be received in the future is a magazine subscription (you pay now and receive the newspaper after payment).

1. Previously received goods or services
2. Goods or services to be received in the future

END IF (pay002_N = “Regularly recurring bill payment” OR “One time bill payment” OR “Recurring bill payment with irregular frequency”)

IF pay002_N = “Regularly recurring bill payment” OR “Recurring bill payment with irregular frequency” THEN

(pay002e_N)

Do you pay the same amount each time you pay this bill, or does the payment amount change from bill to bill?

1. Same amount each bill
2. Amount changes from bill to bill

END IF (pay002_N = “Regularly recurring bill payment” OR “Recurring bill payment with irregular frequency”)

If pay001_N = “Financial services provider” (option 1)

## new screen - pay010_N

(pay010_N)

Please tell us the purpose of your payment to a financial services provider. Was it primarily to:

1. Pay a credit card bill
2. Make a loan payment (Examples: mortgage, student loan, auto, home equity, installment, “zero interest,” “no-money-down”)

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3. Pay for insurance (Examples: health, auto, homeowner’s, renter’s, life, umbrella)
4. Pay a fee (Examples: checking account, foreign ATM, overdraft, late payment, loan origination)
5. Transfer money to another account that you own
6. Make an investment (bought stocks, bonds, mutual funds)
7. Other (specify)
   o [open ended text box]

IF pay010_N = 2 “Make loan payment” THEN

## new screen – same screen pay011 and pay012

(pay011_N)

What kind of loan payment did you make?

1. Repay a mortgage
2. Repay a student loan
3. Repay an auto loan
4. Repay a home equity loan or home equity line of credit
5. Repay an instalment loan
6. Repay a “zero interest” or “no money down” loan
7. Repay a payday loan
8. Repay an online marketplace or peer-to-peer lender (Examples: Lending Club, Prosper)
9. Repay another type of loan

(pay012_N)

How much of the amount due did you pay?

1. Less than the minimum amount
2. Minimum amount
3. More than the minimum amount, less than the full amount
4. Full amount

IF pay012_N = (1, 2, 3) THEN

## New screen

(pay013_N)

How much was the full amount due?
$____________

## New screen
(pay014_N)

Did you have enough money in your checking or savings account to pay the full amount due?

1. Yes
2. No

## New screen
(pay015_N)

Why did you choose not to pay the full amount due?

[open ended response box]

END IF (pay012_N = (1, 2, 3))

END IF (pay010_N = 2)

### Important routing note
Here is where the “trail” of questions ends for “Financial services provider”. Instead of going back to the payments screen, by way of the screen “Did you make any other purchases today [Diary date]?” the survey should continue on and ask the Payment Instrument Follow-up Questions, which begin down below with question q103f. Then after those questions have been answered, the respondent should see the screen “Did you make any other purchases today [Diary date]?” This should be the case for all the merchant categories from the payment entry screen. We always want to see the Payment instrument follow-ups before we get to the next payment.

If pay001_N = “Education provider” (option 2)

## new screen – pay020_N
(pay020_N)
Please tell us the purpose of your payment to an education provider. Was it primarily for:
1. Tuition or fees
2. Parking
3. Repay student loan
4. Donation
5. Childcare
6. Other (specify)
   o [open ended text box]
END IF (pay001_N = “Education provider”)

If pay001_N = “Medical care provider” (option 3)

## new screen

(pay030_N)
Please tell us the purpose of your payment to a medical care provider. Was it primarily for a:
1. Doctor, dentist, other health care professional
2. Hospital, residential care, other medical institution
3. Pharmacy
4. Insurance company
5. Parking
6. Charitable donation
7. Other (specify)
   o [open ended text box]

IF pay002d_N = 1 (the bill was paid for services previously received) then:

(pay032_N)
When did you receive these medical goods or services?
1. Within the last month
2. Between 3 months and 1 month ago
3. Between 1 year and 3 months ago
4. Longer than 1 year ago

End if
If pay001_N = ”Government” (option 4)

## new screen - pay040_N

(pay040_N)

Please tell us the purpose of your payment to a government. Was it primarily for:

1. Purchases of goods and services (Examples: local utilities and other services (like trash collection), public transportation, entrance to National Parks, municipal parking.)
2. Repay student or other government loan
3. Taxes or fines (Examples: Federal, state, local taxes, including property and excise taxes.)
4. Donations
5. Other (specify)

IF pay040_N = “purchase of goods and services” THEN

(pay041_N)

Please tell us what you paid for.

1. Electricity/ water/sewer
2. Tuition
3. Daycare
4. Parking
5. Tolls
6. Trash collection
7. Public transportation
8. Health insurance: out-of-pocket, including Medicare supplemental insurance
9. Childcare
10. Used goods
11. Other (specify)
   o [open ended text box]

END IF (pay040_N = “purchase of goods and services”)
END IF (pay001_N = “Government” (option 4))

If pay001_N = “Nonprofit/charity” (option 5)

## new screen - pay050_N

(pay050_N)

Please tell us the purpose of your payment to a nonprofit or charity. Did you:
1. Make a donation.
2. Purchase goods and services.
3. Other (specify)
   o [open ended text box]

If pay001_N = “A person” (option 6)

## same screen - pay080_N, pay082_N (pay080_N)
Please tell us about the person you paid.

What type of person did you pay?
1. People who provide goods and services
2. Friends or family
3. Co-worker, classmate, or fellow military
4. Other people (specify; no names please)
   o [open ended text box]

(pay082_N)
Please tell us the purpose of your payment.
1. To give a gift or allowance
2. To lend money
3. To repay a money I borrowed (a loan)
4. To purchase goods or pay for services
5. To split a check or share expenses
6. To pay alimony or child support
7. Other (specify)
   o [open ended text box]

If pay080_N = “People who provide goods and services”

(pay081_N)

To the best of your knowledge, does the person operate as a business?
1. Yes
2. No
3. I don’t know

If pay001_N = “Other (specify)” (option 9)
Please choose from this list to describe the type of merchant, service provider, or person you paid.

***pick up Merchant type entry format from 2012 Diary with refinements:

<table>
<thead>
<tr>
<th>Retailer type</th>
<th>1. Grocery stores/supermarkets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Food and beverage sellers</td>
<td>2. Fast food, food service, food trucks, snack bars</td>
</tr>
<tr>
<td></td>
<td>3. Sit-down restaurants</td>
</tr>
<tr>
<td></td>
<td>4. Bars</td>
</tr>
<tr>
<td></td>
<td>5. Liquor stores</td>
</tr>
<tr>
<td></td>
<td>6. Vending machines</td>
</tr>
<tr>
<td>Retail stores &amp; online retailers</td>
<td>8. Convenience stores</td>
</tr>
<tr>
<td></td>
<td>9. Pharmacies</td>
</tr>
<tr>
<td></td>
<td>10. Department and discount stores and websites, wholesale clubs and websites</td>
</tr>
<tr>
<td></td>
<td>11. Online shopping (Amazon.com, etc.)</td>
</tr>
<tr>
<td></td>
<td>12. Clothing and accessories stores</td>
</tr>
<tr>
<td></td>
<td>13. Other stores (book, florist, hobby, music, office supply, pet, sporting goods)</td>
</tr>
<tr>
<td></td>
<td>14. Furniture &amp; home goods stores, appliance &amp; electronics stores, hardware &amp; garden stores</td>
</tr>
<tr>
<td>Transportation</td>
<td>15. Gas stations</td>
</tr>
<tr>
<td></td>
<td>16. Parking lots and garages</td>
</tr>
<tr>
<td></td>
<td>17. Tolls</td>
</tr>
<tr>
<td></td>
<td>18. Transportation (includes public transportation)</td>
</tr>
<tr>
<td>Entertainment</td>
<td>19. Entertainment, recreation, arts, museums</td>
</tr>
<tr>
<td></td>
<td>20. Sporting events</td>
</tr>
<tr>
<td></td>
<td>21. Movie theaters</td>
</tr>
<tr>
<td></td>
<td>22. Online and print news, online games</td>
</tr>
<tr>
<td></td>
<td>23. Hotels, motels, RV parks, camps</td>
</tr>
<tr>
<td></td>
<td>24. Casinos/gambling/lottery</td>
</tr>
<tr>
<td>Housing</td>
<td>23. Rent, real estate agents and brokers</td>
</tr>
<tr>
<td></td>
<td>24. Building contractors (electrical/plumbing/HVAC, tile, painting, etc.)</td>
</tr>
<tr>
<td></td>
<td>25. Building services</td>
</tr>
<tr>
<td>Utilities</td>
<td>26. Electric, natural gas, water and sewage</td>
</tr>
<tr>
<td></td>
<td>27. Phone/internet/cable TV (wired/wireless/satellite)</td>
</tr>
<tr>
<td></td>
<td>28. Heating oil dealers, propane dealers</td>
</tr>
<tr>
<td></td>
<td>29. Trash collection</td>
</tr>
<tr>
<td>Personal Services</td>
<td>30. Child care, elder care, youth and family services, emergency and other relief services</td>
</tr>
<tr>
<td></td>
<td>31. Personal care, dry cleaning, photo processing, funeral</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>services</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pets</td>
</tr>
<tr>
<td>32. Veterinarians</td>
</tr>
<tr>
<td>33. Pet grooming and sitting</td>
</tr>
<tr>
<td>Auto and Vehicle Services</td>
</tr>
<tr>
<td>34. Auto maintenance and repair services</td>
</tr>
<tr>
<td>35. Auto rental and leasing services</td>
</tr>
<tr>
<td>36. Auto vehicle and parts dealers</td>
</tr>
<tr>
<td>Professional and Miscellaneous Services</td>
</tr>
<tr>
<td>37. Employment services, travel agents, security services, office administrative services</td>
</tr>
<tr>
<td>38. Legal, accounting, architectural, and other professional services</td>
</tr>
<tr>
<td>39. Mail, delivery, storage</td>
</tr>
<tr>
<td>40. Rental centers</td>
</tr>
<tr>
<td>41. Repair/maintenance of electronics and personal and household goods</td>
</tr>
</tbody>
</table>

If you are not able to make a selection above, please type the name of the business you paid. You do not need to choose an option listed in the text box. If the business of your choice is not showing up, just keep typing.

**Look up widget here**

If `pay001_N = “Retail store or online retailer; restaurants and gas stations”` (option 7)

### new screen - `pay600_N`

Did you pay a...

1. Grocery store/supermarket (Examples: Kroger, Safeway, Publix, Whole Foods)
2. Fast food restaurant, food service, food truck, snack bar
3. Coffee shop
4. Sit-down restaurant
5. Bar
6. Gas station
7. Convenience store
8. Pharmacy (Examples: Walgreens, CVS, Rite Aid)
9. Large retailer (Examples: Walmart, Target, Costco, Sam’s Club, Best Buy)
If pay600_N = “Other store or online retailer”

(pay602_N)

Please tell us the type of store or online retailer you paid.

1. Auto rental and leasing stores
2. Auto vehicle and parts dealers and websites
3. Clothing and accessories stores and websites
4. Department and discount stores and websites, wholesale clubs and websites
5. Furniture & home goods stores, appliance & electronics stores, hardware & garden stores and websites
6. Mail, delivery, storage
7. Rental centers
8. Movie theaters
9. Online shopping (Amazon.com, etc.)
10. Online and print news, online games
11. Other stores (book, florist, hobby, music, office supply, pet, sporting goods) and websites
12. Personal care, dry cleaning, pet grooming and sitting, photo processing salons and stores
13. Stores that repair electronics and personal and household goods
14. Other store or website/I don’t know

## New screen for pay603

IF pay602 = 14 (Other store or website/I don’t know) THEN

(pay603_N)

Please type the name of the store or online retailer you paid. You may type the full name or choose from the drop-down list that will appear when you start typing.

You do not need to choose an option listed in the text box. If the store or online retailer of your choice is not showing up, just keep typing.
****Provide lookup widget here****

END IF ## pay602 = 14 (Other store or website/I don’t know)

END IF ## pay600_N = “14 - Other store or online retailer”

Merchant category followups

If pay600_N = “Gas station” (option 6) then

(pay604_N)

Did the gas station have a convenience or fast food store?

1. Yes
2. No

If pay604_N = YES

(pay605_N)

Please tell us about your payment. Did you pay for:

1. Gas only
2. Convenience store item(s) or fast food only
3. Gas and convenience store item(s) or fast food in 1 payment
4. Gas and convenience store item(s) or fast food in 2 or more payments

If pay600_N = “Convenience store” (option 7)

(pay606_N)

Did convenience store sell gas?

1. Yes
2. No

If pay606_N = YES

(pay607_N)

Please tell us about your payment. Did you pay for:
1. Gas only
2. Convenience store item(s) or fast food only
3. Gas and convenience store item(s) or fast food in 1 payment
4. Gas and convenience store item(s) or fast food in 2 or more payments

IF pay605_N = 4 or pay607_N = 4 THEN

****If R reports 2 or more payments, ask R to enter each payment separately. Deliver partially complete payment entry screen, as for bills, i.e.

Gas station or convenience store payments – Please enter the information for [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”].

- Complete the entire row for each payment at the gas station.

## INSTRUCTIONS TO PROGRAMMER: Show 2 rows of our payments table. The “Payment type” column should have the gas station purchase types displayed. Standard Payment Instrument followups apply for each transaction.

<table>
<thead>
<tr>
<th>Payment type</th>
<th>Time</th>
<th>Amount Spent</th>
<th>Payment Method</th>
<th>Did you pay in person?</th>
<th>Device</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gas station purchase</td>
<td></td>
<td></td>
<td>Drop down list: P0 – Multiple payment methods P1 – Cash P2 – Check P3 – Credit card P4 – Debit card P5 – Prepaid/Gift/EBT card P6 – Bank account number payment P7 – Online banking bill payment P8 – Money order P9 – Traveler’s check P10 – PayPal P11 – Account-to-account transfer P12 – Mobile phone payment P13 – Other payment method</td>
<td>Yes</td>
<td>Drop down list: D1 – Computer (laptop or desktop) D2 – Tablet (e.g. iPad, Kindle) D3 – Mobile phone D4 – Landline phone D5 – Mail or delivery service D6 – Some other device not listed D7 – No</td>
</tr>
</tbody>
</table>

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## VARIABLE NAMES

- Time
  - gaspaytime_N, where N = 1 or 2, the row of the table
- Amount
  - gaspayamnt_N, where N = 1 or 2, the row of the table
- Payment method
  - gaspaymethod_N, where N = 1 or 2, the row of the table
- Payment device
  - gaspaydevice_N, where N = 1 or 2, the row of the table

If pay602_N = (2, 3, 4, 5, 11) OR pay600_N = (6, 9, 10, 11) and paymethod != “credit card” THEN

(pay606a_N)

Did you pay a store charge or credit card bill during this payment at a retail store or website?

1. Yes
2. No

If pay606a_N = YES then

(pay607a_N)

Did you pay the full amount of the bill, or less than the full amount?

1. Full amount
2. Less than the full amount

### New screen – q_ccbill_fu1_N
IF pay607a_N = 2 then

(q_ccbill_ful_N)

How much was the full amount of the credit or charge card bill?

• $___________

END IF (pay607a_N = 2)

END IF (pay606a_N = YES)

If payment_N >= 200 THEN

(pay608_N)

Was your payment primarily for:

1. Cars, trucks, motorcycles, other motor vehicles and parts
2. Furniture and furnishings
3. Household appliances
4. Computers, cameras, TVs, other electronics
5. Sports equipment, sports and recreational vehicles, and boats
6. Jewelry and watches
7. Therapeutic appliances and equipment
8. None of the above

If pay608_N = (1,2,3,4,5,6,7) and payment method not equal to “credit card”

## same screen – pay611_N and pay612_N

(pay612_N)

Did you borrow money to make this purchase?

1. Yes
2. No

IF SCPC variable DE013 = YES

## in other words, does the respondent own their primary home. This question is from the SCPC.

(pay611_N)
Did you use funds from a home equity line of credit (HELOC) to make this purchase?

1. Yes
2. No

END IF (de013 = YES)

END IF (pay608_N = (1,2,3,4,5,6,7) and payment method not equal to “credit card”)

END IF (paymentamnt_N >= 200)

END IF (pay602_N = (2, 3, 4, 5, 11) OR pay600_N = (6, 9, 10, 11) AND paymethod != “credit card”)

If pay001_N = “Business that sells primarily services” (option 8) (pay700_N)

Please tell us the type of business you paid.

<table>
<thead>
<tr>
<th>Housing</th>
<th>1. Rent, real estate agents and brokers</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2. Mortgage</td>
</tr>
<tr>
<td></td>
<td>3. Building contractors (electrical/plumbing/ HVAC, tile, painting, etc.)</td>
</tr>
<tr>
<td></td>
<td>4. Building services</td>
</tr>
<tr>
<td>Utilities</td>
<td>5. Phone/internet/cable TV (wired/wireless/satellite)</td>
</tr>
<tr>
<td></td>
<td>6. Electric, natural gas, water and sewage</td>
</tr>
<tr>
<td></td>
<td>7. Heating oil dealers, propane dealers</td>
</tr>
<tr>
<td></td>
<td>8. Trash collection</td>
</tr>
<tr>
<td>Auto</td>
<td>9. Auto maintenance and repair service</td>
</tr>
<tr>
<td></td>
<td>10. Auto rental and leasing service</td>
</tr>
<tr>
<td>Travel and Transportation</td>
<td>11. Parking lots and garages</td>
</tr>
<tr>
<td></td>
<td>12. Tolls</td>
</tr>
<tr>
<td></td>
<td>13. Transportation (includes public transportation)</td>
</tr>
<tr>
<td></td>
<td>14. Hotels, motels, RV parks, camps</td>
</tr>
<tr>
<td>Entertainment</td>
<td>15. Entertainment, recreation, gym memberships, arts, museums, sports events</td>
</tr>
<tr>
<td></td>
<td>16. Movie theaters</td>
</tr>
<tr>
<td>Personal services</td>
<td>17. Elder care, youth and family services, emergency and other relief services</td>
</tr>
<tr>
<td></td>
<td>18. Personal care, dry cleaning, photo processing</td>
</tr>
<tr>
<td></td>
<td>19. Funeral services</td>
</tr>
<tr>
<td></td>
<td>20. Employment services, travel agents, security services, office administrative services</td>
</tr>
<tr>
<td>Pets</td>
<td>Other</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>---------------------------------------------------------</td>
</tr>
<tr>
<td>21. Legal, accounting, architectural, and other professional services</td>
<td>24. Repair/maintenance services for electronics and personal and household goods</td>
</tr>
<tr>
<td>22. Veterinarians</td>
<td>25. Vending machines</td>
</tr>
<tr>
<td>23. Pet grooming and sitting</td>
<td>26. Other/I don’t know (specify)</td>
</tr>
</tbody>
</table>

## New screen – pay701_N

IF pay002_N not equal to ("Regularly recurring bill payment" OR "One time bill payment" OR "Recurring bill payment with irregular frequency") THEN

(pay701_N)
Was this payment made for services that you received prior to today?
1. Yes
2. No

If pay701_N = YES

(pay702_N)
When did you order or receive the services?
1. Within the last month
2. Between 3 months and 1 month ago
3. Between 1 year and 3 months ago
4. Longer than 1 year ago

ENDIF

b) Payment instrument follow-ups

IF paydevice = 6 (some other device) THEN:

(q201e)
You told us that you used some other device to make this payment. Please tell us more about the device.
[open ended text box]

ENDIF

IF paylocation = 2 (NO-not in person) AND paydevice = 7 (no device) THEN:

(q201f)
You told us that this payment was not in person and that you used no device.
Please tell us more about how you made this payment. In particular, how was the payment paid to the merchant?

[open ended text box]

ENDIF

IF payment method paymethod_N not equal to (“cash”) then:

    IF payment is [not a bill (pay002_N = 1) or pay001_N = “Retail store or online retailer; restaurants and gas stations” (option 7)] and paylocation_N = “IN PERSON”

        ## both q103f and q103g on the same screen

        (q103f)
        Did you have enough cash (coins and paper bills) to make this payment in cash?
        1. Yes
        2. No
        3. I’m not sure, but I think so
        4. I’m not sure, but I do not think so

        (q103g)
        Would the merchant have accepted cash for this payment?
        1. Yes
        2. No
        3. I’m not sure, but I think so
        4. I’m not sure, but I do not think so

    ENDIF

ENDIF

IF payment is a non-bill payment (pay002_N = 1) or pay001_N = “Retail store or online retailer; restaurants and gas stations” (option 7)

    If paymethod_N EQUALS pa115_a THEN

        (q201a)
        You told us that [FILL: response from q116_a] is the most important characteristic when choosing [FILL: response from q115_a] to make a payment.

        Is that still the case for this payment too?
        1. Yes
        2. No

        IF q201a = NO THEN

            (q201b)
What is the most important characteristic for this payment?
1. Security
2. Accepted at lots of places
3. Cost
4. Convenience
5. Budget control
6. [IF q115_a = “credit card” or “debit card” then display]Rewards
7. Speed
8. Payment records
9. Getting and setting-up
10. Other (specify)
    o [open ended text box]

ENDIF

ENDIF

If paymethod_N does not equal pa115_a THEN

(q103b)
Why did you use [FILL: paymethod_N] for this transaction?

1. [FILL: response from q115_a] was not accepted
2. I didn’t have [FILL: response from q115_a] with me
3. Speed of payment was important for this transaction
4. Security of the transaction was important
5. I received a discount for using [FILL: paymethod_N]
6. I would have paid a surcharge if I used [FILL: response from q115_a]
7. For this size transaction, I prefer to use [FILL: paymethod_N]
8. For this type of merchant I prefer to use [FILL: paymethod_N]
9. Other (specify)
    • [open ended text box]

ENDIF

ELSE IF payment is a bill (we are in the BILL section OR pay002_N = (2, 3, 4))

If paymethod_N does not equal pa115_b THEN

(q103h)
Why did you use [FILL: paymethod_N] for this transaction?”
1. [FILL: response from q115_b] was not accepted
2. I didn’t have [FILL: response from q115_b] with me
3. I did not have enough money available to use [FILL: response from q115_b]
4. The payment would have been late if I used [FILL: response from q115_b]
5. [FILL: paymethod_N] is more secure than [FILL: response from q115_b]
6. I received a discount for using [FILL: paymethod_N]
7. I would have paid a surcharge if I used [FILL: response from q115_b]
8. For this size transaction, I prefer to use [FILL: paymethod_N]
9. For this type of bill I prefer to use [FILL: paymethod_N]
10. Other (specify)
    • [open ended text box]

ENDIF

ENDIF

If Payment Method = P0 (Multiple payment methods) then:
(q103a)
Please tell us which payment methods you used to make this payment.
• Check all that apply
  □ P1 – Cash
  □ P2 – Check
  □ P3 – Credit card
  □ P4 – Debit card
  □ P5 – Prepaid/Gift/EBT card
  □ P6 – Bank account number payment
  □ P7 – Online banking bill payment
  □ P8 – Money order
  □ P9 – Traveler’s check
  □ P10 – PayPal
  □ P11 – Account-to-account transfer
  □ P12 – Mobile phone payment
  □ P13 – Other payment method
  □ P14 – Direct deduction from income

## New screen – each q125 question on the same screen, and q126 on same screen too
(q126)
Why did you use multiple payment methods to make this payment?
[open ended text box]

If one of the payment methods = “Cash”
(q125_a)
How much cash did you spend when making this payment?
$___________
If one of the payment methods = “Check” (q125_b)  
How much did you spend using a check when making this payment? $___________  

If one of the payment methods = “Credit card” (q125_c)  
How much did you spend using your credit card when making this payment? $___________  

If one of the payment methods = “Debit card” (q125_d)  
How much did you spend using your debit card when making this payment? $___________  

If one of the payment methods = “Prepaid/gift/EBT card” (q125_e)  
How much did you spend using your prepaid/gift/EBT card when making this payment? $___________  

If one of the payment methods = “Bank account number payment” (q125_f)  
How much did you spend using your bank account number when making this payment? $___________  

If one of the payment methods = “Online banking bill payment” (q125_g)  
How much did you spend using online banking bill payment when making this payment? $___________  

If one of the payment methods = “Money order” (q125_h)  
How much did you spend using a money order when making this payment? $___________  

If one of the payment methods = “Travelers check” (q125_i)  
How much did you spend using a traveler’s check when making this payment? $___________  

If one of the payment methods = “PayPal” (q125_j)  
How much did you spend using PayPal when making this payment? $___________  

If one of the payment methods = “Account-to-account transfer” (q125_k)  
How much did you spend using an account-to-account transfer when making this payment?
$___________
If one of the payment methods = “Mobile phone payment”
(q125_l)
How much did you spend using a mobile phone payment when making this payment?
$___________

If one of the payment methods = “Other payment method”
(q125_m)
How much did you spend using an other payment method when making this payment?
$___________

If one of the payment methods = “Direct deduction from income”
(q125_n)
How much did you spend using a direct deduction from income when making this payment?
$___________

If Payment Method = P1 (Cash) then:
(q101aaa)  ## I moved this question to be outside the skip pattern below so it will appear for any payment which uses cash.
Did you receive a discount from the merchant or person you paid specifically for using cash?
1. Yes
2. No

If pay001_N not equal to “A person” (option 6) THEN
(q101j)
Did this merchant accept any of the following types of card payment options?
• Credit card
• Debit card
• Prepaid card

1. Yes
2. No
3. I don’t know

IF q101j = YES:
(q101k)
Did this merchant require a minimum dollar value for using a payment card?
1. Yes
2. No
3. I don’t know
If Payment Method = P2 CHECK then:
   IF dcpc_pa001_a >= 2 THEN
      (q103d)
      Was this payment made from your primary checking account or another checking account?
      - Your primary account is the account you use most often to make payments, not necessarily the account with the most money in it.
         1. Primary checking account
         2. Another checking account

If Payment Method = P4 (Debit) then:
   ## new screen
   (q201d)
   Which of your debit cards did you use to make this payment?
   1. [nickname from dcq_004_a] ([Logo on card from dcq_002_a])
   2. (IF dcq_001 = 2) [nickname from dcq_004_b] ([Logo on card from dcq_002_b])
   3. (IF dcq_001 = 3) [nickname from dcq_004_c] ([Logo on card from dcq_002_c])
   4. (IF dcq_001 = 4) [nickname from dcq_004_d] ([Logo on card from dcq_002_d])
   5. (IF dcq_001 = 5 or 6) [nickname from dcq_004_e] ([Logo on card from dcq_002_e])
   6. Another debit card not listed ## always display this row

   ## new screen  q101c and q101d same screen
   (q101c)
   How did you authorize your debit card payment?
   1. PIN
   2. Signature
   3. CVC/CVV code (the 3-digit numeric code on the back of a Visa, MasterCard, and Discover, or 4 digits on the front of an American Express)
   4. None of these
   5. Some combination of two of these
   6. Other, please specify
      a. [open ended text box]

   (q101d)
   Did you receive a discount from the merchant specifically for using this debit card?
   1. Yes
   2. No
## new screen

(q101m)

Did this merchant require a minimum dollar value for using a debit card?

1. Yes
2. No
3. I don’t know

## new screen

IF paylocation = 1 (YES-in person) AND paydevice = 7 (no device) THEN:

(q201g)

How was this debit card purchase authorized?

1. Swiping the card
2. Inserting the card’s chip
3. Tapping, waving, or other contactless method
4. Handing the card to an employee such as a waiter or waitress
5. Some other method of authorization

ENDIF

If Payment Method = P3 (Credit) then:

## New question

(q201c)

Which of your credit cards did you use to make this payment?

1. [nickname from ccq_006_a] – [type of card from ccq_002_a]
2. (IF ccq_001 = 2) [nickname from ccq_006_b] – [type of card from ccq_002_b]
3. (IF ccq_001 = 3) [nickname from ccq_006_c] – [type of card from ccq_002_c]
4. (IF ccq_001 = 4) [nickname from ccq_006_d] – [type of card from ccq_002_d]
5. (IF ccq_001 = 5 or 6) [nickname from ccq_006_e] – [type of card from ccq_002_e]
6. Another credit card not listed ## always display this row

## same screen q101f and q101g and q101n

(q101f)

Did you receive a discount from the merchant specifically for using this credit card?

1. Yes
2. No

(q101g)

Did you pay an extra charge, surcharge, or convenience fee to the merchant specifically for using this credit card?

1. Yes
2. No

(q101n)
Did this merchant require a minimum dollar value for using a credit card?
1. Yes
2. No
3. I don’t know

IF paylocation = 1 (YES-in person) AND paydevice = 7 (no device) THEN:
(q201h)
How was this credit card purchase authorized?
1. Swiping the card
2. Inserting the card’s chip
3. Tapping, waving, or other contactless method
4. Handing the card to an employee such as a waiter or waitress
5. Some other method of authorization

ENDIF

If Payment Method = P5 (Prepaid/gift/EBT) then:
## Same screen q101hhh and q103u and gprprepaid_1or2
(q101hhh)
Did the prepaid card have a logo from the following?
1. Visa
2. MasterCard
3. Discover
4. American Express
5. No logo
6. Other logo

(q103u)
Did this merchant require a minimum dollar value for using a prepaid card?
1. Yes
2. No
3. I don’t know

IF paylocation = 1 (YES-in person) AND paydevice = 7 (no device) THEN:
(q201i)
How was this prepaid card purchase authorized?
1. Swiping the card
2. Inserting the card’s chip
3. Tapping, waving, or other contactless method
4. Handing the card to an employee such as a waiter or waitress
5. Some other method of authorization

ENDIF
IF dcpc_pa001_a = 0 and dcpc_gpradopter = 1 and (q_mostusedpayacnt_1 = General purpose prepaid card or q_mostusedpayacnt_2 = General purpose prepaid card)

(gprprepaid_1or2)
Did you use your primary general purpose reloadable prepaid card to make this payment?
  •  Your primary general purpose prepaid card is the one you use most often to make payments.
  1. Yes
  2. No

If Payment Method = “Bank account number payment” then:

## same screen q103n and q103ddd

(q103n)
When did you authorize this payment to pay? In other words, when will the funds come out of your account?
  1. Today, [DISPLAY DIARY DATE]
  2. At a later date

IF dcpc_pa001_a >= 2 THEN
  (q103ddd)
  Was this payment made from your primary checking account or another checking account?
  •  Your primary account is the account you use most often to make payments, not necessarily the account with the most money in it.
  1. Primary checking account
  2. Another checking account

END IF (dcpc_pa001_a >= 2)

## New screen
IF q103n = 2 THEN

(q103n2)
What is the date that you authorized this payment to pay?

[insert calendar here] ## do not allow them to select a date before today.

END IF (q103n = 2)

END IF (payment method = “Bank account number payment”)

If Payment Method = “Online banking bill payment” then:
## same screen q103n and q103ddd

(q103n)
When did you authorize this payment to pay? In other words, when will the funds come out of your account?

1. Today, [DISPLAY DIARY DATE]
2. At a later date

IF dcpc_pa001_a >= 2 THEN

(q103ddd)
Was this payment made from your primary checking account or another checking account?

- Your primary account is the account you use most often to make payments, not necessarily the account with the most money in it.

1. Primary checking account
2. Another checking account

END IF (dcpc_pa001_a >= 2)

IF q103n = 2 THEN

(q103n2)
What is the date that you authorized this payment to pay?

[insert calendar here] ## do not allow them to select a date before today.

END IF (q103n = 2)

END IF (payment method = “online banking bill pay”)

If Payment Method = “Money order” then:

## same screen q103r and q103s

(q103r)
Where did you buy the money order you used for this payment?

1. Bank
2. Post office
3. Western Union or someplace similar
4. Other (specify)
   a. [open ended text box]

(q103s)
How long ago did you buy the money order you used for this payment?

1. I bought it today
2. Between today and less than 7 days ago
3. Between 7 and less than 14 days ago
4. Between 14 and less than 30 days ago
5. 30 or more days ago

**If Payment Method = “PayPal” then:**

(q101paypal)
How is your PayPal account funded?
1. Credit card
2. Debit card
3. Bank account number
4. Money stored with PayPal

**If Payment Method = “Mobile phone payment” then:**

## questions q101_mobile_a and q101_mobile_b on the same screen

(q101_mobile_a)
What kind of mobile payment was this payment?
1. App payment
2. Text message payment
3. Payment made in browser
4. Other (specify)
   a. [open ended text box]

(q101_mobile_b)
How was this mobile payment funded?
1. Credit card
2. Debit card
3. Prepaid card
4. Linked bank account
5. Money stored at a payment service such as PayPal
6. Other (specify)
   a. [open ended text box]

**If Payment Method = “Other” then:**

(q101i)
Please tell us what type of payment method you used.
1. EZPass or other electronic toll device
2. Apple Pay
3. Bitcoin or other virtual currency
4. Remittance
5. Other (specify)
   a. [open ended text box]

IF q101i = 1, 2, 4 then
(q101i_followup)
What payment method is your [FILL: response from q101i] account funded with?
1. Credit card
2. Debit card
3. Prepaid card
4. Bank account number
5. Other (specify)
   a. [open ended text box]

If location = L1 “in person” and Device = D3 “mobile phone” then:

(q150)
How did you use your phone to pay?
1. Tapped to pay
2. Scanned a QR code or showed screen to cashier or ticket-taker
3. Paid in advance or remotely (examples: Uber, Fandango)
4. Used a web browser

If Payment Method any of (“credit card”, “debit card”, “prepaid card”, “bank account number payment”, “mobile phone payment”) AND Device = D3 “mobile phone” then:

(q152)
Did you use an app to make this purchase using your mobile phone?
1. Yes
2. No

c) “Categorize the purchase” sub-module

    # q151_a and q151_b on the same screen

    (IF Amount Spent >= 50)

    (q151_a)

    Was this an unexpected expense?
    1. Yes
    2. No

    (q151_b)

    Could you have postponed this payment to a later date without suffering any consequences such as a late fee or a penalty?
    1. Yes
    2. No
## Here is where we loop back to the payment screen (q2). At this point, the respondent has described one full payment. If they have more payments, then they will loop back to the q2 screen. If they don’t have any more payments, then they will go on to the next question.

(PD100)

Did you make any other payments today [DISPLAY DIARY DATE HERE, example: Wednesday, October 3]?

1. Yes
2. No

### Reminders and recall aids – median 9 seconds

(q98b)

Some types of payments are easily forgotten. Did you make any of the following types of payments on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”] that you did not tell us about previously?

- Check all that apply, or click the Next button if none

- □ Paying tolls by E-ZPass, cash, or other payment method
- □ PayPal or similar online payment service
- □ App downloads
- □ Public transportation
- □ Paid with my phone (examples: Uber, Venmo, parking, etc.)
- □ Gambling losses
- □ Lottery ticket
- □ Vending machine
- □ Giving or paying back money to a person

IF q98b has at least one box checked, then take the respondent back to the payments entry screen (q2).

### same screen for both q5_1 and q5_2

(Q5_1)

Did you start [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”] carrying any coins in your pocket, wallet, or purse?

1. Yes
2. No

(Q5_2)

Did you use coins to pay for all or part of a cash payment you made on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”]?
1. Yes
2. No

If Q5_2 = Yes and number of cash payments > 0

## same screen for q5_3 and q5_3_dollar

(q5_3)
You told us you made [FILL: number of cash payments from purchases and bills] cash payments on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”].

For how many cash payments did you use coins to pay for some or all of the payment?

___________payments

(q5_3_dollar)
What was the total dollar amount of the coins you used for payments today?

$___________

End skip (Q5_2 = Yes)

10) End of day balances on Cash, Checking account, and prepaid cards


a) Cash

## Now we’re going to ask cash balance on Day 0 and at the end of Days 1, 2, and 3.

(Q5pre)
End of Day [1, 2, 3], [DISPLAY DIARY DATE DAY 3 HERE, example “Wednesday, October 3”], cash amount:

Did you end the day with any paper cash in your wallet, purse and/or pocket?

• Do not consider foreign currency.

1. Yes
2. No

If Q5pre = NO

(Q5no)
Did you spend or deposit all your cash today?
1. Yes
2. No
3. I did not have or use any cash today.

***if Q5pre = NO then total cash at end of Day [1, 2, 3] should be set to 0, not missing***
ENDIF

If Q5pre = YES then:
Q5. ***Make ending cash amount pages look like “cash on Day 0” page.***

<table>
<thead>
<tr>
<th>Cash in wallet, purse and/or pocket</th>
</tr>
</thead>
</table>

End of the day cash amount – Please tell us the number of bills of each denomination in your wallet, purse and/or pocket at the end of the day, on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”].

Your total dollar amount will be automatically calculated.

- Do not consider coins.
- Do not count foreign currency.

NUMBER OF:

<table>
<thead>
<tr>
<th>Denomination</th>
<th>Number</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1 bills</td>
<td>_____</td>
<td>$1</td>
</tr>
<tr>
<td>$20 bills</td>
<td>_____</td>
<td>$20</td>
</tr>
<tr>
<td>$2 bills</td>
<td>_____</td>
<td>$2</td>
</tr>
<tr>
<td>$50 bills</td>
<td>_____</td>
<td>$50</td>
</tr>
<tr>
<td>$5 bills</td>
<td>_____</td>
<td>$5</td>
</tr>
<tr>
<td>$100 bills</td>
<td>_____</td>
<td>$100</td>
</tr>
</tbody>
</table>

Total dollar amount $[GRAND TOTAL DOLLAR AMOUNT, calculated on the fly]

## The name of the variable for GRAND TOTAL DOLLAR AMOUNT should be “amntcashend_day3”. If q5pre = NO, in other words the respondent does not have any cash at the end of Day 3, then amntcashend_day3 = 0.

## Variable names for the items above:

denom1_end_num, denom1_end_amnt
denom2_end_num, denom2_end_amnt
denom5_end_num, denom5_end_amnt
denom10_end_num, denom10_end_amnt
denom20_end_num, denom20_end_amnt
denom50_end_num, denom50_end_amnt
denom100_end_num, denom100_end_amnt
amntcashend_day1, _day2, _day3

(q5_correct)
You told us you have $[GRAND TOTAL DOLLAR AMOUNT] in your wallet, purse and/or pocket. Is this amount correct?

1. Yes
2. No

***If q5_correctscreen = NO, please take the diarist back to the “Count your paper cash” screen***

11) **Cash and account management module**

a) **Cash Deposits to all accounts**

(q4)

Did you deposit any cash into your bank account at an ATM, with the bank teller, or some other way on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”]?  

- Do not include checks that you deposited.
- Do not include foreign currency.
  
  1. Yes
  2. No

If q4 = YES then

Q4. Depositing cash – Please tell us about each time you deposited cash on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”].

- Complete one entire row for each time you got or received cash today.
- Do not include checks deposited. Only report cash you deposited.
- Tell us about your cash deposits at ATMs or bank tellers.

<table>
<thead>
<tr>
<th>Time</th>
<th>Amount</th>
<th>Deposit method</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$_______</td>
<td>Drop down list:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ATM</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Bank teller</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Other (specify)</td>
</tr>
</tbody>
</table>

## Create a variable called amntcashdeposits = sum(amount of all cash deposits on that day). If there are no cash deposits on that day, then amntcashdeposits = 0.

## Create a variable called numcashdeposits = Number of cash deposits on that day. If there are no cash deposits on that day, then numcashdeposits = 0.

## Cash deposit variables =

- cashdep_hour_N, where N is the number of the cash deposit for the day (1 = first withdrawal, etc.)
- cashdep_minute_N
- cashdep_ampm_N
b) Checking Deposits to all accounts

IF dcpc_pa001_a = 1

(q080_a)

Was any money deposited into your checking account on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”]? Include all of the following:

- Direct deposits of income, tax or other refunds, etc. (electronically and/or automatically)
- Check deposits
- Transfers into your checking account from your account or from someone else’s account

1. Yes
2. No

IF dcpc_pa001_a >= 2

Was any money deposited into your primary checking account on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”]? Include all of the following:

- Direct deposits of income, tax or other refunds, etc. (electronically and/or automatically)
- Check deposits
- Transfers into your checking account from your account or from someone else’s account
- Your primary account is the account you use most often to make payments, not necessarily the account with the most money in it.

<table>
<thead>
<tr>
<th>(q080_a)</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary account</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

IF q080_a = YES

if dcpc_pa001_a = 1

Please tell us about each deposit to your checking account on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”]?
Use one row for each deposit that you made today.

<table>
<thead>
<tr>
<th>Deposit</th>
<th>Amount</th>
<th>What kind of funds were deposited?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deposit 1</td>
<td>Check (personal or business)</td>
<td></td>
</tr>
<tr>
<td>Deposit 2</td>
<td>Money order</td>
<td></td>
</tr>
<tr>
<td>Deposit 5</td>
<td>Traveler’s check</td>
<td></td>
</tr>
<tr>
<td>Deposit 5</td>
<td>Cashier’s check</td>
<td></td>
</tr>
<tr>
<td>Deposit 5</td>
<td>Certified check</td>
<td></td>
</tr>
<tr>
<td>Deposit 5</td>
<td>Transfer from another account</td>
<td></td>
</tr>
<tr>
<td>Deposit 5</td>
<td>Direct deposit of income</td>
<td></td>
</tr>
<tr>
<td>Deposit 5</td>
<td>Venmo cash out</td>
<td></td>
</tr>
<tr>
<td>Deposit 5</td>
<td>Other</td>
<td></td>
</tr>
</tbody>
</table>

## Variable names
- `chkdep_amnt_N`, where N is the row number
- `chkdep_funds_N`

IF `chkdep_funds_N` = “transfer from another account” THEN (pa081_a)

What kind of account did the funds come from which were deposited into your checking account?
- 1. Another checking account that I own
- 2. Another savings account that I own
- 3. Investment account
- 4. General purpose reloadable prepaid card
- 5. Another account belonging to somebody else
- 6. Other

IF q080_a = YES

if dcpc_pa001_a >= 2 then

Please tell us about each deposit to your primary checking account on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”]?

- Use one row for each deposit that you made today.

- Your primary account is the account you use most often to make payments, not necessarily the account with the most money in it.

<table>
<thead>
<tr>
<th>Deposit</th>
<th>Amount</th>
<th>What kind of funds were deposited?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deposit 1</td>
<td>$_________.00</td>
<td>Check (personal or business)</td>
</tr>
<tr>
<td>Deposit 2</td>
<td>Money order</td>
<td></td>
</tr>
<tr>
<td>Deposit 5</td>
<td>Traveler’s check</td>
<td></td>
</tr>
<tr>
<td>Deposit 5</td>
<td>Cashier’s check</td>
<td></td>
</tr>
<tr>
<td>Deposit 5</td>
<td>Certified check</td>
<td></td>
</tr>
</tbody>
</table>
## Variable names
- `chkdep_amnt_N`
- `chkdep_funds_N`

IF `chkdep_funds_N` = “transfer from another account” THEN

(pa081_a)
What kind of account did the funds come from which were deposited into your checking account?
1. Another checking account that I own
2. Another savings account that I own
3. Investment account
4. General purpose reloadable prepaid card
5. An account belonging to somebody else
6. Other

c) Prepaid Deposits to primary GPR card account

IF (dcpc_gpradopter = YES (“1”) or if GPRADOPTER = YES) THEN

(q102b)
Did you reload to any general purpose prepaid cards using any other payment instrument (e.g. cash, debit card, credit card, bank account transfer, direct payment from income) on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”]?
1. Yes
2. No

(IF q102b = YES)
(q102c)
Please list all general purpose prepaid card loadings on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”].

- Complete one entire row for each time you reloaded a prepaid card today.

<table>
<thead>
<tr>
<th>Time</th>
<th>Amount loaded</th>
<th>Payment method used</th>
<th>Location</th>
<th>Did you pay a fee?</th>
</tr>
</thead>
<tbody>
<tr>
<td>$_____</td>
<td>P1 – Cash</td>
<td>L1 – Retail location</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td></td>
<td>P2 – Check</td>
<td>L2 – Online</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td></td>
<td>P3 – Credit card</td>
<td>L3 – Mobile phone</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>P4 – Debit card</td>
<td>P5 – Other prepaid card</td>
<td>P6 – Bank account number payment</td>
<td>P7 – Online banking bill payment</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>L4 – ATM</td>
<td>L5 – Card machine</td>
<td>L6 – Bank teller</td>
<td>L7 – Check cashier</td>
<td>L8 – Other location</td>
</tr>
</tbody>
</table>

## Variable names
- **Time**
  - prepaidload_h_N, where N is the number of times they loaded (1 = first time today)
  - prepaidload_m_N
  - prepaidload_ampm_N
- **prepaidload_amnt_N**
- **prepaidload_method_N**
- **prepaidload_location_N**
- **prepaidload_fee_N**

****If the respondent chooses “P13 – Other method”, a follow-up screen should say:****
For the prepaid card loading of $X at T:TTpm (am), what other method do you mean?

[Open ended text response box]

****If the respondent chooses “L8 – Other location”, a follow-up screen should say:****
For the prepaid card loading of $X at T:TTpm (am), what other location do you mean?

[Open ended text response box]

****NEW VARIABLE: if Payment Method Used = Cash then amntprepaidload = sum(all rows of Amount Loaded on that day).****

****NEW VARIABLE: if Payment Method Used = Cash then numprepaidload = Number of times prepaid cards were reloaded on that day.****

IF (SCPC variable PCADOPTER = 1) THEN

(q102d)

Did you **add money ($ value)** to a **prepaid card** on *[DISPLAY DIARY DATE HERE, example “Wednesday, October 3”]*? Do not include money you reported already using any other payment instrument (e.g. cash, debit card, credit card, bank account transfer, direct payment from income).

- **Examples of prepaid cards include Starbucks card, Target gift card, public transit cards, etc.**

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1. Yes
2. No

(IF q102b = YES)

(q102e)

Please list all prepaid card loadings.

- *Complete one entire row for each time you loaded a prepaid card today.*

<table>
<thead>
<tr>
<th>Time</th>
<th>Amount loaded</th>
<th>Payment method used</th>
<th>Location</th>
<th>Did you pay a fee?</th>
</tr>
</thead>
<tbody>
<tr>
<td>$_____</td>
<td>P1 – Cash</td>
<td></td>
<td>L1 – Retail location</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td>P2 – Check</td>
<td></td>
<td>L2 – Online</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>P3 – Credit card</td>
<td></td>
<td>L3 – Mobile phone</td>
<td></td>
</tr>
<tr>
<td></td>
<td>P4 – Debit card</td>
<td></td>
<td>L4 – ATM</td>
<td></td>
</tr>
<tr>
<td></td>
<td>P5 – Other prepaid card</td>
<td></td>
<td>L5 – Card machine or kiosk</td>
<td></td>
</tr>
<tr>
<td></td>
<td>P6 – Bank account number payment</td>
<td></td>
<td>L6 – Bank teller</td>
<td></td>
</tr>
<tr>
<td></td>
<td>P7 – Online banking bill payment</td>
<td></td>
<td>L7 – Check cashier</td>
<td></td>
</tr>
<tr>
<td></td>
<td>P8 – Money order</td>
<td></td>
<td>L8 – Other location</td>
<td></td>
</tr>
<tr>
<td></td>
<td>P9 – Traveler’s check</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>P10 – PayPal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>P11 – Account-to-account transfer</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>P12 – Mobile phone payment</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>P13 – Other payment method</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>P14 – Direct deposit from salary, wages, or benefit</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>P15 – Other method</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>P16 – Other location</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Variable names – These can be the same names as the GPR variables and we’ll know if they belong to GPR cards or other prepaid cards by looking at the answers to q102b and q102d.

- **Time**
  - prepaidload_h_N, where N is the number of times they loaded (1 = first time today)
  - prepaidload_m_N
  - prepaidload_AMPm_N
- prepaidload_amnt_N
- prepaidload_method_N
- prepaidload_location_N
- prepaidload_fee_N

****If the respondent chooses “P11 – Other method”, a follow-up screen should say:
For the prepaid card loading of $X at T:TTpm (am), what other method do you mean?

[Open ended text response box]

For the prepaid card loading of $X at T:TTpm (am), what other location do you mean?

[Open ended text response box]
d) Cash Withdrawals to all accounts

(q99)
Did you get or receive any cash on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”]?  
- Do not include foreign currency.
  1. Yes
  2. No

If q99 = YES then

(q3)
Receiving or getting cash

Please enter the information for your cash activity on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”].

- Complete one entire row for each time you got or received cash today.

<table>
<thead>
<tr>
<th>Time</th>
<th>Amount</th>
<th>Location (where you got the cash)</th>
<th>Source of funds</th>
<th>Were you charged a fee?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Drop down list:</td>
<td></td>
<td>Drop down list:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C1 – ATM</td>
<td></td>
<td>S1 – Checking account</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C2 – Cash back at a retail store</td>
<td></td>
<td>S2 – Savings or other bank account</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C3 – Bank teller</td>
<td></td>
<td>S3 – Salary/wages/tips</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C4 – Family or friend</td>
<td></td>
<td>S4 – Cashing a check</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C5 – Check cashing store</td>
<td></td>
<td>S5 – Credit card cash advance</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C6 – Employer</td>
<td></td>
<td>S6 – Prepaid card cash withdrawal</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C7 – Cash refund from returning goods</td>
<td>S7 – Another person</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>C8 – Payday lender</td>
<td></td>
<td>S8 – Other source</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C9 – Other location</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Create a variable called amntcashwith = sum(amount of all cash withdrawals on that day). If there are no cash withdrawals on that day, then amntcashwith = 0.

## Create a variable called numcashwith = Number of cash withdrawals on that day. If there are no cash withdrawals on that day, then numcashwith = 0.

### Cash withdrawal variables =
- Time:
o cashget_hour_N, where N is the number of the cash withdrawal for the day (1 = first withdrawal, etc.)
o cashget_minute_N
o cashget_ampm_N
- cashget_amnt_N
- cashget_location_N
- cashget_source_N
- cashget_fee_N

****If the respondent chooses “C9 – Other location”, a follow-up screen should say:
For the cash withdrawal of $X at T:TTpm (am), what other location do you mean?
[Open ended text response box]

****If the respondent chooses “S8 – Other source”, a follow-up screen should say:
For the cash withdrawal of $X at T:TTpm (am), what other source do you mean?
[Open ended text response box]

****

e) Checking Withdrawals from all accounts

IF dcpc_pa001_a = 1 then

(q210_a)

Did you make any transfers from your checking account into another account on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”]?
1. Yes
2. No

ELSE IF dcpc_pa001_a >= 2 then

(q210_a)

Did you make any transfers from your primary checking account into another account on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”]?
- Your primary account is the account you use most often to make payments, not necessarily the account with the most money in it.

1. Yes
2. No

ENDIF

IF (q210_a = YES) THEN
IF dcpc_pa001_a = 1 THEN

Please tell us about each transfer from your checking account to another account on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”]? 

- Use one row for each transfer that you made today.

<table>
<thead>
<tr>
<th>Amount</th>
<th>What account did you transfer into?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transfer 1 $______</td>
<td>[Drop down list for each row in table]</td>
</tr>
<tr>
<td>Transfer 2 $______</td>
<td>--Select one—</td>
</tr>
<tr>
<td>... $______</td>
<td>1. Another checking or savings account that I own</td>
</tr>
<tr>
<td>Transfer 5 $______</td>
<td>2. Another checking or savings account belonging to someone else</td>
</tr>
<tr>
<td></td>
<td>3. Investment account that I own</td>
</tr>
<tr>
<td></td>
<td>4. Investment account belonging to someone else</td>
</tr>
<tr>
<td></td>
<td>5. General purpose reloadable prepaid card that I own</td>
</tr>
<tr>
<td></td>
<td>6. General purpose reloadable prepaid card belonging to someone else</td>
</tr>
<tr>
<td></td>
<td>7. Other</td>
</tr>
</tbody>
</table>

##Variable names
- chktransfer_amnt_N
- chktransfer_account_N

IF dcpc_pa001_a >= 2 THEN

Please tell us about each transfer from your primary checking account to other accounts on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”]?

- Your primary account is the account you use most often to make payments, not necessarily the account with the most money in it.
- Use one row for each transfer that you made today.

<table>
<thead>
<tr>
<th>Amount</th>
<th>What account did you transfer into?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transfer 1</td>
<td>[Drop down list for each row in table]</td>
</tr>
<tr>
<td>Transfer 2</td>
<td>--Select one—</td>
</tr>
<tr>
<td>...</td>
<td>1. Another checking or savings account that I own</td>
</tr>
<tr>
<td>Transfer 5</td>
<td>2. Another checking or savings account belonging to someone else</td>
</tr>
<tr>
<td></td>
<td>3. Investment account that I own</td>
</tr>
</tbody>
</table>

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### Variable names
- chktransfer_amnt_N
- chktransfer_account_N

### Follow-up from the above “transfer from account” tables:

For each of these transfers to another account, please tell us the following:

<table>
<thead>
<tr>
<th>Was the account that the money came from at the same financial institution as the account the money was transferred to?</th>
<th>How much was the fee for this transfer? Enter 0 if none.</th>
<th>When is the person to whom you transferred the money supposed to receive it?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transfer [FILL: X, where X is the row number from above] for $[FILL with dollar amount]</td>
<td>$________</td>
<td>1. Today 2. Tomorrow 3. 2 days 4. 3 days 5. 4 days 6. 5 days 7. 6 days 8. One week 9. More than a week</td>
</tr>
</tbody>
</table>

(variable name: chktransfer_fee_N)

(variable name: chktransfer_whenrec_N)

### f) Other withdrawals

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## New screen

(q211)

Did you purchase any of the following on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”]?

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>(q211_a) Money order</td>
<td></td>
</tr>
<tr>
<td>(q211_b) Travelers checks</td>
<td></td>
</tr>
<tr>
<td>(q211_c) Certified check</td>
<td></td>
</tr>
</tbody>
</table>

IF any of q211_a, b, or c = YES then

(paymethod_intro)

Please tell us the amount of the check(s) or money orders you purchased and the payment method you used to buy them. For traveler’s checks, please report the total amount of all traveler’s checks purchased.

<table>
<thead>
<tr>
<th>Amount</th>
<th>Payment method</th>
</tr>
</thead>
<tbody>
<tr>
<td>(q211_amnt_a)</td>
<td>Drop down list:</td>
</tr>
<tr>
<td>$_______</td>
<td>P0 – Multiple payment methods</td>
</tr>
<tr>
<td>(q211_amnt_b)</td>
<td>P1 – Cash</td>
</tr>
<tr>
<td>$_______</td>
<td>P2 – Check</td>
</tr>
<tr>
<td>(q211_amnt_c)</td>
<td>P3 – Credit card</td>
</tr>
<tr>
<td>$_______</td>
<td>P4 – Debit card</td>
</tr>
<tr>
<td>(p211_paymeth_a)</td>
<td>P5 – Prepaid/Gift/EBT card</td>
</tr>
<tr>
<td>(p211_paymeth_b)</td>
<td>P6 – Bank account number payment</td>
</tr>
<tr>
<td>(p211_paymeth_c)</td>
<td>P7 – Online banking bill payment</td>
</tr>
<tr>
<td>(p211_paymeth_a)</td>
<td>P8 – Money order</td>
</tr>
<tr>
<td>(p211_paymeth_b)</td>
<td>P9 – Traveler’s check</td>
</tr>
<tr>
<td>(p211_paymeth_c)</td>
<td>P10 – PayPal</td>
</tr>
<tr>
<td>(p211_paymeth_a)</td>
<td>P11 – Account-to-account transfer</td>
</tr>
<tr>
<td>(p211_paymeth_b)</td>
<td>P12 – Mobile phone payment</td>
</tr>
<tr>
<td>(p211_paymeth_c)</td>
<td>P13 – Other payment method</td>
</tr>
</tbody>
</table>

## New variables

q211_paymeth_a
q211_paymeth_b
q211_paymeth_c

## create new variables for cash identity

papermethod_amnt = 0

IF payment method q211_paymeth_a = “Cash” then papermethod_amnt = papermethod_amnt + q211_paymeth_a

IF payment method q211_paymeth_b = “Cash” then papermethod_amnt = papermethod_amnt + q211_paymeth_b

IF payment method q211_paymeth_c = “Cash” then papermethod_amnt = papermethod_amnt + q211_paymeth_c
12) **Error checking**

So far, we have created the following variables:

- `amntcashend_day0`
- `amntcashpurch`
- `numcashpurch`
- `amntcashdeposits`
- `numcashdeposits`
- `amntcashwith`
- `numcashwith`
- `amntprepaidload`
- `numprepaidload`
- `amntcashend_dayX, where X = [1, 2, 3]`

Next, we will create a few intermediate variables.

- `amntcashout = sum(amntcashpurch, amntcashdeposits, amntprepaidload)`
- `amntcashin = amntcashwith`
- `numcashtrans = sum(numcashpurch, numcashdeposits, numcashwith, numprepaidload)`

Now we can create the flag which indicates a good cash identity for Day 1:

- If \( |amntcashend_day1 - amntcashend_day0 + amntcashout - amntcashin| \leq numcashtrans \) then `goodcashid = 1`.
- Else `goodcashid = 0`.

Likewise, for days 2 and 3, the good cash identity flag is as follows:

- If \( |amntcashend_dayX - amntcashend_day[X-1] + amntcashout - amntcashin| \leq numcashtrans \) then `goodcashid = 1`.
- Else `goodcashid = 0`.

Create a new variable called `reported_cashend`, which will equal

- `reported_cashend = amntcashend_day[X-1] - amntcashout + amntcashin`
- In other words, the amount of cash at the end of yesterday, minus all cash outflows, plus all cash inflows.

## New screen

-- Only show screen if `goodcashid = 0`, in other words, they have a bad cash identity.

If `reported_cashend - amntcashend_day[1,2,3]` not equal to 0 THEN

IF `goodcashid = 0` THEN

(q107)
Are there any other cash activities on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”] that were not reported previously in today’s online diary?

To help you remember, you

****for each of these next text lines, only show if value is > 0****

## display as table

<table>
<thead>
<tr>
<th>Number of cash transactions</th>
<th>totcashtrans</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amount of cash you started with</td>
<td>$[amntcashend_day[0,1,2]]</td>
</tr>
<tr>
<td>Dollar amount of cash payments</td>
<td>$[amntcashpurch]</td>
</tr>
<tr>
<td>Dollar amount of cash withdrawals</td>
<td>$[amntcashwith]</td>
</tr>
<tr>
<td>Dollar amount of cash deposits</td>
<td>$[amntcashdeposits]</td>
</tr>
<tr>
<td>Dollar amount loaded onto prepaid or gift cards</td>
<td>$[amntprepaidload]</td>
</tr>
</tbody>
</table>

Based on what you told us about your payments and cash activity today, we calculated that you should have \$[reported_cashend]. But you told us you ended the day with \$[amntcashend_day[1,2,3]].

There is a difference of [reported_cashend - amntcashend_day[1,2,3]] dollars

Please help us to understand why your reported cash activity does not match the total shown.

Perhaps you forgot to report some cash payments, withdrawals or deposits. If you are able, please explain in the activities and amounts in the box below.

[provide open ended response text box for the diarist to explain]

## Ask for those with goodcashid = 0.

By chance, did you do any of the following on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”]?

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>(q5_4) Convert coins to paper cash</td>
<td></td>
</tr>
<tr>
<td>(q5_5) Convert paper cash to coins (examples: using a change machine, getting four quarters for a dollar, buying a roll of coins)</td>
<td></td>
</tr>
<tr>
<td>(q119) Exchange paper U.S. dollars for a foreign currency</td>
<td></td>
</tr>
</tbody>
</table>

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a) Coin-to-cash and cash-to-coin section

If Q5_4 = YES then

**Coins to Cash**

Please list all the times you converted coins into cash or some other form of value on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”].

- **Complete one entire row for each time you converted coins into cash or some other form of value today.**

<table>
<thead>
<tr>
<th>Time</th>
<th>Dollar amount of coins</th>
<th>Dollar amount received in paper bills</th>
<th>Were you reimbursed with something other than paper bills?</th>
<th>Location</th>
<th>Did you pay a fee?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>1. No</td>
<td>1. Coin machine/kiosk</td>
<td>Y/N</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2. Prepaid/gift card</td>
<td>2. Bank teller</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3. Deposit into bank account</td>
<td>3. Store</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>4. Points or value to use on a website</td>
<td>4. Family or friend</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>5. Store credit</td>
<td>5. Other (specify)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>6. Other (specify)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

****NEW variable: amntcoin2cash = sum(dollar amount received in paper bills) ****

****NEW variable: numcoin2cash = Number of times changing coins into cash ****

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If Q5_5 = YES then

**Cash to Coins**

Please list all the times you converted paper cash into coins on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”].

- Complete one entire row for each time you converted paper cash into coins today.
- Examples include using a change machine, getting four quarters for a dollar, or buying a roll of coins. Do not consider receiving change from a purchase.

<table>
<thead>
<tr>
<th>Time</th>
<th>Dollar amount of paper bills</th>
<th>Main type of coin received</th>
<th>Location</th>
<th>Did you pay a fee?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1. Dollar coins</td>
<td>1. Change machine/kiosk</td>
<td>Y/N</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2. Quarters</td>
<td>2. Bank teller</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3. Dimes</td>
<td>3. Store clerk</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4. Nickels</td>
<td>4. Family or friend</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>5. Pennies</td>
<td>5. Post office</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>6. Other (specify)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NEW VARIABLE: amntcash2coin = sum(dollar amount of paper cash changed to coins)**

**NEW VARIABLE: numcash2coin = Number of times changing cash into coins**

**b) Foreign-to-USD and USD-to-foreign section**

If q119 = YES then

(q120)

**U.S. Cash to Foreign Currency**

How much U.S. cash did you convert into a foreign currency on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”]? $________

ENDIF

**NEW VARIABLE: amntusd2for = sum(dollar amount of USD changed to foreign currency)**

If q121 = YES then

(q122)

**Foreign Currency to U.S. Cash**
How much U.S. cash did you receive after converting from foreign currency on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”]?

$________

ENDIF

****NEW VARIABLE: amntfor2usd = sum(dollar amount of foreign currency changed to USD)****

c) Returned goods section

(IF q7_1 or q7_2 = YES)

(Q7_a)

Please tell us if you returned or exchanged goods on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”].

1. I returned goods for a refund or store credit
2. I exchanged goods for other items

If Q7_a = 1

(Q9)

(q9_amnt)

How much money was refunded?

$____

How did the merchant pay you?

(q9_merchant)

Drop down list:

Cash
Refund to debit card
Refund to credit card
Merchant wrote you check
Store credit
Gift card
Other

****If q9_merchant = Cash then amntrefund = sum(q9_amnt)****

End skip (Q7_a = 1)

If Q7_a = 2 then

(Q10)

Was the exchange for a good or service of less value, equal value or more value?

1. Less value
2. Equal value
3. More value
If Q10 = 1 then:

(Q110)
Please tell us how were you paid the difference between the higher valued exchanged good and the lower valued new item?

(Q110a)
What was the amount you were given? $_____

(Q110b)
How were you given the difference?
[drop down list:
Cash
Refund to debit card
Refund to credit card
Merchant wrote you a check
Store credit
Gift card
Other]

****NEW VARIABLE: if Q110b = Cash then amntexchange = Q110a ****
ENDIF

If Q10 = 3 then:

(Q111)
Did you report to us the amount paid to make up the difference in value between the returned good and the new good?

1. Yes
2. No

If Q111 = NO then

(Q111b)
How much did you pay to make up the difference in value between the returned good and the new good? $_____________

(Q111c)
What payment method did you use to pay the difference?

****dropdown list of payment instruments****

Payment method codes:
P1 – Cash
P2 – Check
P3 – Credit card
P4 – Debit card
P5 – Prepaid/Gift/EBT card
P6 – Bank account number payment
P7 – Online banking bill payment
P8 – Money order
P9 – Traveler’s check
P10 – PayPal
P11 – Account-to-account transfer
P12 – Mobile phone payment
P13 – Other payment method

End if

****NEW VARIABLE: if Q111c = Cash then amntpaydiff = Q111b ****

endif

end skip (Q7_a = 2)


d) Cash lost, stolen, or moved section

****These are follow up questions to Q105. All q106 questions which are displayed should be on one screen if possible****

(IF q105a = YES)
  (q106a)
  How much cash did you remove from your pocket, wallet or purse and add to cash stored elsewhere on your property on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”?]
  $________

(IF q105b = YES)
  (q106b)
  How much cash did you take that was stored elsewhere on your property and add to your pocket, wallet, or purse on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”?]
  $________

(IF q105c = YES)
  (q106c)
  How much cash did you have lost or stolen on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”?]
  $___________

(IF q105d = YES)
  (q106d)
  How much cash did you find or unexpectedly receive on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”?]
  $_____________

13) Income

## New screen

IF any of q140_a – q140_j = YES then
## only display rows where q140 = YES
Did you receive any income from the following sources on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”]?

<table>
<thead>
<tr>
<th>Source</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Employment income (wages, salary, bonuses)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(IF q140_a = YES)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(q142_a)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Self-employment income</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(IF q140_c = YES)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(q142_c)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Social Security</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(IF q140_b = YES)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(q142_b)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Employer-paid retirement</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(IF q140_j = YES)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(q142_j)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IRA, Roth IRA, 401(k), or other retirement fund</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(IF q140_e = YES)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(q142_e)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Interest and dividends</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(IF q140_f = YES)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(q142_f)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rental income</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(IF q140_g = YES)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(q142_g)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Government assistance (disability, unemployment, SNAP, TANF, WIC)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(IF q140_h = YES)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(q142_h)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alimony</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(IF q140_i = YES)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(q142_i)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Child support</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## New screen

IF any of q142_a – q142_j = YES then
## only display rows where q142 = YES

(q144)
How much **net income** (also called after-tax income) did you receive and how did you receive the income on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3’’]?

In other words, tell us the amount deposited into one of your accounts, or the amount of cash or a check you received.

- **Report NET amount of income received, after all taxes and other deductions.**
- **Include multiple payments from the same source.**

```
<table>
<thead>
<tr>
<th>Source</th>
<th>Amount</th>
<th>How did you receive your income?</th>
</tr>
</thead>
<tbody>
<tr>
<td>(IF q142_a = YES)</td>
<td>(q144_a)</td>
<td></td>
</tr>
<tr>
<td>Employment (wages, salary, bonuses)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(IF q142_c = YES)</td>
<td>(q144_c)</td>
<td></td>
</tr>
<tr>
<td>Self-employment income</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(IF q142_d = YES)</td>
<td>(q144_d)</td>
<td></td>
</tr>
<tr>
<td>Social Security</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(IF q142_b = YES)</td>
<td>(q144_b)</td>
<td></td>
</tr>
<tr>
<td>Employer-paid retirement</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(IF q142_j = YES)</td>
<td>(q144_j)</td>
<td></td>
</tr>
<tr>
<td>IRA, Roth IRA, 401(k), or other retirement</td>
<td></td>
<td></td>
</tr>
<tr>
<td>fund</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(IF q142_e = YES)</td>
<td>(q144_e)</td>
<td></td>
</tr>
<tr>
<td>Interest and dividends</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(IF q142_f = YES)</td>
<td>(q144_f)</td>
<td></td>
</tr>
<tr>
<td>Rental income</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(IF q142_g = YES)</td>
<td>(q144_g)</td>
<td></td>
</tr>
<tr>
<td>Government assistance (disability,</td>
<td></td>
<td></td>
</tr>
<tr>
<td>unemployment, SNAP, TANF, WIC)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(IF q142_h = YES)</td>
<td>(q144_h)</td>
<td></td>
</tr>
<tr>
<td>Alimony</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(IF q142_i = YES)</td>
<td>(q144_i)</td>
<td></td>
</tr>
<tr>
<td>Child support</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
```

## new screen
IF Any row has q143 = 3 THEN DISPLAY SCREEN
(q147)
How much was deposited to your primary checking account?

- If none, enter 0.

## error check – do not let the respondent enter a number greater than the response for q144. IF ERROR, show text “Enter a number between 0 and [answer for q144]”

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>(IF q143_a = 3)</td>
<td>(q147_a)</td>
</tr>
<tr>
<td>Employment (wages, salary, bonuses)</td>
<td></td>
</tr>
<tr>
<td>(IF q143_c = 3)</td>
<td>(q147_c)</td>
</tr>
<tr>
<td>Self-employment income</td>
<td></td>
</tr>
<tr>
<td>(IF q143_d = 3)</td>
<td>(q147_d)</td>
</tr>
<tr>
<td>Social Security</td>
<td></td>
</tr>
<tr>
<td>(IF q143_b = 3)</td>
<td>(q147_b)</td>
</tr>
<tr>
<td>Employer-paid retirement</td>
<td></td>
</tr>
<tr>
<td>(IF q143_j = 3)</td>
<td>(q147_j)</td>
</tr>
<tr>
<td>IRA, Roth IRA, 401(k), or other retirement fund</td>
<td></td>
</tr>
<tr>
<td>(IF q143_e = 3)</td>
<td>(q147_e)</td>
</tr>
<tr>
<td>Interest and dividends</td>
<td></td>
</tr>
<tr>
<td>(IF q143_f = 3)</td>
<td>(q147_f)</td>
</tr>
<tr>
<td>Rental income</td>
<td></td>
</tr>
<tr>
<td>(IF q143_g = 3)</td>
<td>(q147_g)</td>
</tr>
<tr>
<td>Government assistance (disability, unemployment, SNAP, TANF, WIC)</td>
<td></td>
</tr>
<tr>
<td>(IF q143_h = 3)</td>
<td>(q147_h)</td>
</tr>
<tr>
<td>Alimony</td>
<td></td>
</tr>
<tr>
<td>(IF q143_i = 3)</td>
<td>(q147_i)</td>
</tr>
<tr>
<td>Child support</td>
<td></td>
</tr>
</tbody>
</table>

End IF (Any row has q143 = 3)

[If diary day = 3]
(q19)
Please tell us the date when you next expect to receive an income payment.

- Click the arrows to scroll through additional months.
If you don’t expect to receive any income, please tell us in the comments.

Calendar goes here

14) Daily “MHQ” questions

a) What payment instruments did you carry today

Ask question q97 only there was at least one purchase or bill with “in person” for the location code, or any cash withdrawals or cash deposits on the day.

Please tell us what PAYMENT METHODS you carried or were available to you to make payments on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”].

Check all that apply

- P1 – Cash
- P2 – Check
- P3 – Credit card
- P4 – Debit card
- P5 – Prepaid/Gift/EBT card
- P6 – Bank account number payment
- P7 – Online banking bill payment
- P8 – Money order
- P9 – Traveler’s check
- P10 – PayPal
- P11 – Account-to-account transfer
- P12 – Mobile phone payment
- P13 – Other payment method
- I did not have any payment methods accessible.

b) Did you travel today? – median 8 seconds

Did you travel in the U.S. for business, vacation, or any other reason on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”]? Consider any travel where you slept away from home last night or you will sleep away from home tonight.

1. Yes
2. No
15) Day 1 only module

a) Marketplace lending section

## NEW DAY 1 ONLY SECTION: MARKETPLACE LENDING:

There are many different types of online loans. The next few questions are about a special type of online loan, called a “marketplace” or “peer-to-peer” loan.

Marketplace lenders connect borrowers with investors, by arranging for consumers and businesses to borrow online and for individual investors and firms to invest in loans.

When answering the questions, please keep the following in mind:

- Do not include any of the following types of loans that it is possible to apply for online...
  - credit cards.
  - any loans obtained from a bank, savings bank, or credit union. Examples: Bank of America, USAA, Navy Federal Credit Union.
  - any loans obtained from a payday lender.
  - any loans where borrowers can start the application process online and then have to speak with a person by phone or in person.

Before reading this information, had you heard of marketplace lending, sometimes called “peer-to-peer” lending?
1. Yes
2. No

### new screen ML023 and ML024 on same screen

Have you heard of any of these marketplace lenders?

<table>
<thead>
<tr>
<th>(ML023_a) Lending Club</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>(ML023_b) Prosper</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(ML023_c) SoFi</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(ML023_d) Avant</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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Have you heard of any other marketplace lenders not listed above?
1. Yes, please specify________________
2. No

IF ML023_a = YES OR ML023_b = YES OR ML023_c = YES OR ML023_d = YES OR ML024 = YES THEN:

## New screen
(ML020)
Do you have a loan from a marketplace lender?

1. Yes
2. No

## New screen
IF ML020 = NO
(ML025)
Have you ever had a loan from a marketplace lender?

1. Yes
2. No

END (IF ML020 = NO)

IF ML020 = YES OR ML025 = YES

## New screen ML008 and ML009 on same screen
Please think about the marketplace loan you obtained most recently.

(ML008)
Please tell us the name of the marketplace lender.
1. Lending Club
2. Prosper
3. SoFi
4. Avant
5. Other (specify)

(ML009)
Please tell us the most important reason you applied to this lender.

### Randomize list, pin “Other” to bottom
1. Better terms (lower interest rates, lower monthly payment, etc.)
2. Easy to apply or convenience (simple application process, fast approval times, etc.)
3. Was turned down by a traditional lender
4. Other (specify)
## New screen

Please tell us the main reason you took out the loan.

### Pin “Pay off credit card debt” to top, pin “Other” to bottom, randomize middle

1. Pay off credit card debt
2. Mortgage/Home improvement
3. Auto loan
4. Education loan
5. Business loan
6. Personal loan for wedding, vacation, moving, and other expenses
7. Pay off other debt

## New screen ML022 and ML033 on same screen

### (ML022)

When did you apply for the loan?

1. In 2016
2. In 2015
3. Before 2015

### (ML033)

What is the term of this loan?

1. 36 months
2. 60 months
3. Other (specify)

## New screen ML026 and ML030 on same screen

### (ML026)

Which category represents the total amount you borrowed?

1. Less than $5,000
2. $5,000-$9,999
3. $10,000-$14,999
4. $15,000-$19,999
5. $20,000-$29,999
6. $30,000 or more

### (ML030)

What category represents the interest rate you paid?

1. 0 – 4.99%
2. 5% – 7.99%
3. 8% – 10.49%
4. 10.5% – 11.99%
5. 12% – 13.99%
6. 14% – 16.99%
7. 17% or more

IF ML026 = 6 ($30,000 or more)
## New screen
(ML029)
We’d like to know more about the amount. Please tell us how much you borrowed.

$__________________.00

End IF (ML026 = 6 ($30,000 or more))

IF ML030 = 6 (17% or more)
## New screen
(ML032)
We’d like to know more about the interest rate. Please tell us the interest rate on this loan.

_______.__%

End IF (ML030 = 6 (17% or more))

## New screen
(ML012)
Since taking out the loan, have you found the costs of the loan to be about what you expected or not what you expected?
•  Please choose one answer in each row for all costs.

<table>
<thead>
<tr>
<th></th>
<th>1 Much more than I expected</th>
<th>2 More than I expected</th>
<th>3 About what I expected</th>
<th>4 Less than I expected</th>
<th>5 Much less than I expected</th>
</tr>
</thead>
<tbody>
<tr>
<td>(ML012_a) Interest rate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(ML012_b) Service fees</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(ML012_c) Account maintenance fees</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(ML012_d) Prepayment penalties</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
END IF (ML020 = YES OR ML025 = YES)

IF ML020 = YES
   ## New screen
   (ML014)
   As of now, are you more than 30 days late on a payment for this loan?
   1. Yes
   2. No

IF ML014 = NO
   ## New screen
   (ML013)
   Have you ever been more than 30 days late on a payment for this loan?
   1. Yes
   2. No

End IF (ML014 = NO)

End IF (ML020 = YES)

IF ML025 = YES
   ## New screen ML027 and ML028 on same screen
   (ML027)
   Were you ever more than 30 days late on a payment for this loan?
   1. Yes
   2. No

   (ML028)
   Did you pay the loan off in full?
   1. Yes
   2. No

END IF (ML025 = YES)

## New screen
IF ML020 = NO AND ML025 = NO
   (ML021)
   Have you ever applied for a loan from a marketplace lender?
   1. Yes
   2. No

END IF (ML020 = NO and ML025 = NO)

IF ML021 = YES
   ## New screen ML008 and ML009 on same screen
Please think about the loan you applied for most recently.

(ML008) Please tell us the name of the marketplace lender.
1. Lending Club
2. Prosper
3. SoFi
4. Avant
5. Other (specify)

(ML009) Please tell us the most important reason you applied to this lender.
### Randomize list, pin “Other” to bottom
1. Better terms (lower interest rates, lower monthly payment, etc.)
2. Easy to apply or convenience (simple application process, fast approval times, etc.)
3. Was turned down by a traditional lender
4. Other (specify)

## New screen
(ML010) Was your loan application approved?
1. Yes
2. No

IF ML010 = YES
### New screen
(ML019) Why did you decide not to take out the loan?
### Randomize list, pin “Other” to bottom
1. Did not need it
2. Did not like the terms of the loan
3. Found a loan elsewhere with better terms
4. Other (specify)
END IF (ML010 = YES)

END IF (ML021 = YES)

END IF (ML023_a = YES OR ML023_b = YES OR ML023_c = YES OR ML023_d = YES OR ML024 = YES)

## END MARKETPLACE LENDING QUESTION MODULE
b) Unexpected/Emergency expense

(scf005)

Assume that you were facing an [FILL: randomize between “unexpected need” and “emergency expense”] of $2,000 that could not be avoided.

You would need to make this $2,000 payment within one month.

- Examples: Your car breaks down and you need it to get to work. Pipes burst in your house, and plumbing must be immediately repaired.

How much of this $2,000 could you pay for within one month (the next 30 days)?

$ _______________.00

### New screen – scf006

(scf006)

You said you could get $[FILL: response from scf005] in [FILL: use same randomization but the FILLs are: “case of an unexpected need” and “an emergency expense”].

How much would you get from each of the following sources?

*Note: The total amount will be calculated automatically and displayed at the bottom.*

<table>
<thead>
<tr>
<th>Source of funds</th>
<th>Within one month (the next 30 days)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash</td>
<td>$________.00</td>
</tr>
<tr>
<td>Checking account</td>
<td>$________.00</td>
</tr>
<tr>
<td>Savings account</td>
<td>$________.00</td>
</tr>
<tr>
<td>Checking account overdraft</td>
<td>$________.00</td>
</tr>
<tr>
<td>Credit card</td>
<td>$________.00</td>
</tr>
<tr>
<td>Home equity line of credit</td>
<td>$________.00</td>
</tr>
<tr>
<td>Payday loan</td>
<td>$________.00</td>
</tr>
</tbody>
</table>
### Error check—dollar amount in “Total amount...” row should equal the response to scf005 above.

#### c) End of Day 1 text

Thank you for completing the first day of your diary.

Please log in tomorrow evening to complete the second day.

### 16) Day 2 module

#### a) End of Day 2 text

Thank you for completing the second day of your diary.

Please log in tomorrow evening to complete the final day.

### 17) Day 3 only module

#### a) Bills

### New screen

### New text for this screen

Thank you for recording the following bill payments.

### Display a list of the payments where the variable “pay002_N” is equal to any of the following: “regularly recurring bill payment”, “one time bill payment”, “Recurring bill payment with irregular frequency”

Show the following in a table, one row per payment:

<table>
<thead>
<tr>
<th>Date</th>
<th>Amount</th>
<th>Payment category</th>
<th>Payment method</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Day 1/2/3)</td>
<td>payamnt_N</td>
<td>This is the response to pay001_N. (not the numeric value of the variable, but the text of the response option)</td>
<td>paymethod_N</td>
</tr>
</tbody>
</table>

### If no bills from previous days then display “No recorded bill payments found.”

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The next few screens include reminders for other types of bills you may have paid from [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”] to [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”].

- You don’t have to tell us again about the bills you’ve already reported above.
- Include all bills paid by you, even if from a joint account.
- Do not include bills paid by others (such as members of your household), even if from a joint account.
- Include all bills that will be paid automatically during your Diary days.
- Include all bills you mail or deliver during your Diary days.
- Include all bills that you go online to schedule or pay during your Diary days.

### New screen – for each of these screens, we want to have a title, so that the respondent will be able to easily know what the theme of the screen is.

**Household or utility payments**

During the past three days, from [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”] to [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”], did you make any of the following types of household or utility payments?

<table>
<thead>
<tr>
<th>(q65_01) Rent</th>
<th>(q65_02) Mortgage</th>
<th>(q65_03) Home equity loan (do not include any payment made as part of your mortgage payment)</th>
<th>(q65_04) Home Equity Line of Credit (HELOC) (do not include any payment made as part of your mortgage payment)</th>
<th>(q65_05) Yard maintenance (Landscaping, tree service, or snow removal, etc.)</th>
<th>(q65_06) Housing maintenance (Maid, cleaning, laundry service, plumber, handyman, etc.)</th>
<th>(q65_07) Electricity</th>
<th>(q65_08) Water/sewer</th>
<th>(q65_09)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>No</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Natural gas, propane, heating fuel, other energy  
(q65_10)
Homeowner’s association or condo fees  
(q65_11)
Trash collection

## New screen

IF any of q65_01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11 = YES THEN display screen

How many of each kind of household or utility payment did you pay?

<table>
<thead>
<tr>
<th>Payment</th>
<th>Number of payments</th>
</tr>
</thead>
<tbody>
<tr>
<td>IF q65_01 = YES THEN (q70_01) Rent</td>
<td></td>
</tr>
<tr>
<td>IF q65_02 = YES THEN (q70_02) Mortgage</td>
<td></td>
</tr>
<tr>
<td>IF q65_03 = YES THEN (q70_03) Home equity loan (do not include any payment made as part of your mortgage payment)</td>
<td></td>
</tr>
<tr>
<td>IF q65_04 = YES THEN (q70_04) Home Equity Line of Credit (HELOC) (do not include any payment made as part of your mortgage payment)</td>
<td></td>
</tr>
<tr>
<td>IF q65_05 = YES THEN (q70_05) Yard maintenance (Landscaping, tree service, or snow removal, etc.)</td>
<td></td>
</tr>
<tr>
<td>IF q65_06 = YES THEN (q70_06) Housing maintenance (Maid, cleaning, laundry service, plumber, handyman, etc.)</td>
<td></td>
</tr>
<tr>
<td>IF q65_07 = YES THEN (q70_07) Electricity</td>
<td></td>
</tr>
<tr>
<td>IF q65_08 = YES THEN (q70_08) Water/sewer</td>
<td></td>
</tr>
<tr>
<td>IF q65_09 = YES THEN (q70_09) Natural gas, propane, heating fuel, other energy</td>
<td></td>
</tr>
<tr>
<td>IF q65_10 = YES THEN</td>
<td></td>
</tr>
</tbody>
</table>
Homeowner's association or condo fees

IF q65_11 = YES THEN
  (q70_11)
  Trash collection
END IF (any of q65_01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11 = YES)

Phone, cable, or internet payments

During the past three days, from [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”] to [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”], did you make any of the following types of phone, cable or internet payments?

<table>
<thead>
<tr>
<th>Question Number</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>(q65_12) Mobile phone</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(q65_13) Telephone (landline), cable and internet bundle</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(q65_14) Cable and internet bundle</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(q65_15) Cable and telephone (landline) bundle</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(q65_16) Internet and telephone (landline) bundle</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(q65_17) Cable</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(q65_18) Internet</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(q65_19) Telephone (landline)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## New screen

IF any of q65_12, 13, 14, 15, 16, 17, 18, 19 = YES THEN display screen

How many of each kind of phone, cable or internet payment did you pay?

<table>
<thead>
<tr>
<th>Question Number</th>
<th>Number of payments</th>
</tr>
</thead>
<tbody>
<tr>
<td>(q65_12) Mobile phone</td>
<td></td>
</tr>
<tr>
<td>(q65_13) Telephone (landline), cable and internet bundle</td>
<td></td>
</tr>
<tr>
<td>(q65_14) Cable and internet bundle</td>
<td></td>
</tr>
<tr>
<td>(q65_15) Cable and telephone (landline) bundle</td>
<td></td>
</tr>
<tr>
<td>(q65_16) Internet and telephone (landline) bundle</td>
<td></td>
</tr>
<tr>
<td>(q65_17) Cable</td>
<td></td>
</tr>
<tr>
<td>(q65_18) Internet</td>
<td></td>
</tr>
<tr>
<td>(q65_19) Telephone (landline)</td>
<td></td>
</tr>
</tbody>
</table>

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(q70_13)
Telephone (landline), cable and internet bundle

IF q65_14 = YES THEN
(q70_14)
Cable and internet bundle

IF q65_15 = YES THEN
(q70_15)
Cable and telephone (landline) bundle

IF q65_16 = YES THEN
(q70_16)
Internet and telephone (landline) bundle

IF q65_17 = YES THEN
(q70_17)
Cable

IF q65_18 = YES THEN
(q70_18)
Internet

IF q65_19 = YES THEN
(q70_19)
Telephone (landline)

END IF (any of q65_12, 13, 14, 15, 16, 17, 18, 19 = YES)

Credit card or loan payments

During the past three days, from [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”] to [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”], did you make any of the following types of credit card or loan payments?

| (q65_20) Credit card bill | Yes | No |
| (q65_21) Car, truck, motorcycle, boat, or other vehicle loan payments | |
| (q65_22) Student loan | |
| (q65_23) Other types of loans | |

## New screen

IF any of q65_20, 21, 22, 23 = YES THEN display screen

How many of each kind of credit card or loan payment did you pay?
Number of payments

IF q65_20 = YES THEN
(q70_20)
Credit card bill

IF q65_21 = YES THEN
(q70_21)
Car, truck, motorcycle, boat, or other vehicle loan payments

IF q65_22 = YES THEN
(q70_22)
Student loan

IF q65_23 = YES THEN
(q70_23)
Other types of loans

END IF (any of q65_20, 21, 22, 23 = YES)

Insurance payments

During the past three days, from [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”] to [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”], did you make any of the following types of insurance payments?

- Only consider insurance payments made by you, not by your employer.

| (q65_24) | Health insurance: out-of-pocket, including Medicare supplemental insurance |
| (q65_25) | Vehicle insurance |
| (q65_26) | Homeowner’s or renter’s insurance |
| (q65_27) | Life insurance |
| (q65_28) | Umbrella insurance |
| (q65_29) | Other types of insurance |

## New screen

IF any of q65_24, 25, 26, 27, 28, 29 = YES THEN display screen
How many of each kind of insurance payment did you pay?

<table>
<thead>
<tr>
<th>IF q65_24 = YES THEN</th>
</tr>
</thead>
<tbody>
<tr>
<td>(q70_24)</td>
</tr>
<tr>
<td>Health insurance: out-of-pocket, including Medicare supplemental insurance</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>IF q65_25 = YES THEN</th>
</tr>
</thead>
<tbody>
<tr>
<td>(q70_25)</td>
</tr>
<tr>
<td>Vehicle insurance</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>IF q65_26 = YES THEN</th>
</tr>
</thead>
<tbody>
<tr>
<td>(q70_26)</td>
</tr>
<tr>
<td>Homeowner’s or renter’s insurance</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>IF q65_27 = YES THEN</th>
</tr>
</thead>
<tbody>
<tr>
<td>(q70_27)</td>
</tr>
<tr>
<td>Life insurance</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>IF q65_28 = YES THEN</th>
</tr>
</thead>
<tbody>
<tr>
<td>(q70_28)</td>
</tr>
<tr>
<td>Umbrella insurance</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>IF q65_29 = YES THEN</th>
</tr>
</thead>
<tbody>
<tr>
<td>(q70_29)</td>
</tr>
<tr>
<td>Other types of insurance</td>
</tr>
</tbody>
</table>

END IF (any of q65_24, 25, 26, 27, 28, 29 = YES)

Other types of bill payments

During the past three days, from [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”] to [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”], did you make any of the following types of bill payments?

- Only consider payments made by you, not by your employer.

<table>
<thead>
<tr>
<th>(q65_30)</th>
<th>Tuition, daycare, babysitting</th>
</tr>
</thead>
<tbody>
<tr>
<td>(q65_31)</td>
<td>Medical or dental payments not covered by insurance (Do not include co-payments made at the time of the visit)</td>
</tr>
<tr>
<td>(q65_32)</td>
<td>Parking (buying a weekly, monthly, or annual pass)</td>
</tr>
<tr>
<td>(q65_33)</td>
<td>Public transportation (buying a weekly or monthly pass for bus, subway, ferry, etc.)</td>
</tr>
</tbody>
</table>

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Memberships or subscriptions (Gym, Netflix, social or professional club dues, magazines, etc.)

Religious contributions, monetary only (tithes, offerings, etc.)

Other charitable contributions, monetary only (United Way, Salvation Army, Red Cross, American Cancer Society, etc.)

Alimony/child support

## New screen

IF any of q65_30, 31, 32, 33, 34, 35, 35a, 36 = YES THEN display screen

How many of each kind of bill payment did you pay?

<table>
<thead>
<tr>
<th>Bill Payment</th>
<th>Number of Payments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition, daycare, babysitting</td>
<td></td>
</tr>
<tr>
<td>Medical or dental payments not covered by insurance (Do not include co-</td>
<td></td>
</tr>
<tr>
<td>payments made at the time of the visit)</td>
<td></td>
</tr>
<tr>
<td>Parking (buying a weekly, monthly, or annual pass)</td>
<td></td>
</tr>
<tr>
<td>Public transportation (buying a weekly or monthly pass for bus, subway, ferry</td>
<td></td>
</tr>
<tr>
<td>etc.)</td>
<td></td>
</tr>
<tr>
<td>Memberships or subscriptions (Gym, Netflix, social or professional club</td>
<td></td>
</tr>
<tr>
<td>dues, magazines, etc.)</td>
<td></td>
</tr>
<tr>
<td>Religious contributions, monetary only (tithes, offerings, etc.)</td>
<td></td>
</tr>
<tr>
<td>Other charitable contributions, monetary only (United Way, Salvation Army,</td>
<td></td>
</tr>
<tr>
<td>Red Cross, American Cancer Society, etc.)</td>
<td></td>
</tr>
</tbody>
</table>

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(q70_36)
Alimony/child support

END IF (any of q65_30, 31, 32, 33, 34, 35, 35a, 36 = YES)

Tax payments

During the past three days, from [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”] to [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”], did you make any of the following types of tax payments?

- Exclude tax payments deducted directly from your income by your employer.

<table>
<thead>
<tr>
<th>(q65_37) Federal taxes</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>(q65_38) State taxes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(q65_39) Local taxes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(q65_40) Property taxes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(q65_41) Car/vehicle taxes</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## New screen

IF any of q65_37, 38, 39, 40, 41 = YES THEN display screen

How many of each kind of tax payment did you pay?

<table>
<thead>
<tr>
<th>Number of payments</th>
</tr>
</thead>
<tbody>
<tr>
<td>IF q65_37 = YES THEN (q70_37) Federal taxes</td>
</tr>
<tr>
<td>IF q65_38 = YES THEN (q70_38) State taxes</td>
</tr>
<tr>
<td>IF q65_39 = YES THEN (q70_39) Local taxes</td>
</tr>
<tr>
<td>IF q65_40 = YES THEN</td>
</tr>
</tbody>
</table>

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(q70_40) Property taxes

IF q65_41 = YES THEN
(q70_41) Car/vehicle taxes

END IF (any of q65_37, 38, 39, 40, 41 = YES)

If (any of Q65 = Yes) then

Bill payments

Please enter the information for your bill payments here.

- Complete the entire row
- For automatic bill payments, select the Diary day that the money will be deducted from your account.
- For bills not paid automatically:
  - Cash, check, money order or other checks: select the day you mailed or handed over the payment.
  - Payment cards (credit, debit, prepaid), bank account number payments, and online banking bill payment: select the day you scheduled the bill payment, regardless of whether the money will be deducted from your account that day or at a later date.

## INSTRUCTIONS TO PROGRAMMER: Show one row of our payments table. The “Payment type” column should have the name of the type of bill they paid. Next the respondent will answer the Bill Follow-up Questions and the Payment Instrument Follow-up Questions. We will loop through this sequence the number of times that there are YES answers in Q65, each time displaying a new bill type in the “Payment type” column.

<table>
<thead>
<tr>
<th>Payment type</th>
<th>Diary day bill was paid or scheduled</th>
<th>Amount</th>
<th>Payment method</th>
<th>Location</th>
<th>Device</th>
<th>Automatically paid or not?</th>
</tr>
</thead>
<tbody>
<tr>
<td>[FILL based on YES answers in Q65. One row]</td>
<td>1. Day 1 [insert date]</td>
<td>$____</td>
<td>Drop down list: P0 – Multiple payment methods P1 – Cash</td>
<td>Drop down list: L1 – Payment in person L2 –</td>
<td>Drop down list: D1 – Computer (laptop or desktop) D2 – Tablet (e.g. iPad,)</td>
<td>1. Automatic 2. Not automatic</td>
</tr>
</tbody>
</table>
## Variable names

- bill_dday_N, where N is the number of bill. i.e. N = 1 for the first bill, N = 2 for the second bill, etc.
- bill_amnt_N
- bill_pi_N
- bill_loc_N
- bill_device_N
- bill_automatic_N

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## BILL FOLLOW-UP questions - New Section

If bill type = Mortgage (q65_02 = YES) then

(q66_02)

To whom was your mortgage payment made?

1. Bank or other financial institution
2. Government
3. Person, family or friend

IF bill type = electricity (q65_07 = YES) then

(q66_07)

To whom did you pay your electricity bill?

1. The local power company
2. My local or state government
3. Other (specify)
   a. [open ended text box]

IF bill type = water/sewer (q65_08 = YES) then

(q66_08)

To whom did you pay your water/sewer bill?

1. The local water company
2. My local or state government
3. Other (specify)
   a. [open ended text box]

IF bill type = natural gas (q65_09 = YES) then

(q66_09)

To whom did you pay your bill for natural gas, propane, heating fuel, or other type of energy?

1. The local gas/heating fuel company
2. My local or state government
3. Other (specify)
   a. [open ended text box]
IF bill type = trash collection (q65_11 = YES) then

(q66_11)

To whom did you pay your trash collection bill?

1. The trash collection company
2. My local or state government
3. Other (specify)
   a. [open ended text box]

If bill type = “credit card bill” (q65_20 = YES) then

(q66_20)

How much of the amount of the credit card bill did you pay?

1. Less than the minimum amount
2. Minimum amount
3. More than the minimum amount, less than the full amount
4. Full amount

## New screen – next three questions on the same screen q_ccbill_fu1a.

IF q66_20 = (1, 2, 3) is selected then:

(q_ccbill_fu1a)

How much was the full amount of the credit card bill?

• $____________

END IF (q66_20 = (1, 2, 3))

If bill type = car loan (q65_21 = YES) then

(q66_21)

To whom was your car loan payment made?

1. Bank or other financial institution
2. Government
3. Person, family or friend

If bill type = student loan (q65_22 = YES) then
(q66_22)

To whom was your student loan payment made?

1. Bank or other financial institution
2. Government
3. Person, family or friend

If bill type = other loans (q65_23 = YES) then

(q66_23)

To whom was your loan payment made?

1. Bank or other financial institution
2. Government
3. Person, family or friend

IF bill type = religious contributions (q65_35) then

(q66_35)

Did you receive any goods or services in exchange for this religious contribution?

1. Yes
2. No

ENDIF  ### bill type = 35

IF (payment method bill_pi_N = “Bank account number payment” or “Online banking bill payment” or “credit card” or “debit card” or “prepaid card”) and bill_automatic_N = “Not automatic” THEN

(q67_ha)

You scheduled this payment on [FILL: bill_dday_N, the diary date they told us in the table above].

Some bills are paid on the same day they are scheduled; others are paid in the future. Please tell us the date you selected for the bill to be paid.

[calendar widget]

### Follow-up Q’s for all bills (except religious or charity)
IF bill type is not any of the following: “religious contributions (q65_35)” , “Other charitable contributions (q65_35a)” then Bas’s code reads “IF cnt != 35 and cnt != 42 THEN”

(q67_c)

Was this payment for [FILL: name of bill type and number] a recurring payment or a one-time bill?

1. Regularly recurring bill payment
2. One-time bill payment
3. Recurring bill payment with irregular frequency

If q67_c = “regularly recurring bill payment” THEN

## q67_d and q67_f on same screen

(q67_d)

How often is this bill due?

1. Weekly
2. Bi-weekly
3. Twice a month
4. Monthly
5. Every other month
6. Quarterly
7. Every six months
8. Yearly
9. Other (specify)
   a. [open ended text box]

(q67_f)

Do you pay the same amount each time you pay this bill, or does the payment amount change from bill to bill?

1. Same amount each bill
2. Amount changes from bill to bill

ENDIF

IF q67_c = “recurring bill payment with irregular frequency” THEN

(q67_g)

About how many times per year do you pay this bill?
__________ times per year

ENDIF

IF Amount Spent >= 50 THEN

(q151_a_bill)

Was this an unexpected expense?
  1. Yes
  2. No

(q151_b_bill)

Could you have postponed this payment to a later date without suffering any consequences such as a late fee or a penalty?
  1. Yes
  2. No

END IF (amount spent >= 50)

(q67_a)

What day is this [FILL: name of bill type] payment due?

[CALENDAR Widget]

(q67_e)

For [FILL: name of bill type], did you pay a late fee?

  1. Yes
  2. No

ENDIF ##bill is not equal to “religious”

### NEW UPDATE: Ask this same preferences question here. This will be a follow-up for each bill type. The respondent should see the question as the last follow-up question for that bill type, then they should go back to the bill payments entry screen.

If bill_pi_N does not equal pa115_b THEN
(q103h1)

Why did you use [FILL: paymethod_N] for this transaction?”

1. [FILL: response from q115_b] was not accepted
2. I didn’t have [FILL: response from q115_b] with me
3. I did not have enough money available to use [FILL: response from q115_b]
4. The payment would have been late if I used [FILL: response from q115_b]
5. [FILL: paymethod_N] is more secure than [FILL: response from q115_b]
6. I received a discount for using [FILL: paymethod_N]
7. I would have paid a surcharge if I used [FILL: response from q115_b]
8. For this size transaction, I prefer to use [FILL: paymethod_N]
9. For this type of bill I prefer to use [FILL: paymethod_N]
10. Other (specify)
    • [open ended text box]

## Last question in Bills section, after they’ve looped through the Bills section to report each bill.

(q109_otherbills)

Please tell us about any other bills that you may have paid during your diary period, but didn’t tell us about above.

• If you don’t have any other bills to tell us about, click Next.

[open ended response box]

b) Credit card questions

## We want to keep a running tally of credit card payments and dollar amount. The three variables should be

• num_ccpayments = total number of credit card payments made in the payments section of the diary.
• amnt_ccpayments = total dollar amount of credit card payments made in the payments section of the diary.
• num_ccrewardspays = total number of credit card payments where q101p = YES (in other words, the total number of cc payments using a rewards card.)
IF num_ccpayments > 0 and amnt_ccpayments > 0 THEN

(pay609aa_N)

During the three days of this diary you made [FILL: num_ccpayments] credit card payments totaling $[FILL: amnt_ccpayments].

How do you plan to pay off these purchases?

1. Pay in full when the bill arrives.
2. Pay over time in several bill payments.

END IF

IF num_ccrewardspays > 0 THEN

(q103e)

You made [FILL: num_ccrewardspays] credit card payments using cards which gives rewards.

What kind of rewards did these credit card payments give?

- Check all that apply

1. Airline miles
2. Cash back
3. Points to be used for shopping
4. Other (specify)
   (q103e_other) __________________

## c) Types of borrowing “During these three days reminders”

### same screen - pay615, pay616, pay613

(pay615)

During the three days of this diary, from [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”] to [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”], did you take out a payday loan?

1. Yes
2. No

(pay616)

During the three days of this diary, from [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”] to [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”], did you buy goods or services by taking out a new loan?

1. Yes
2. No

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(pay613)
During the three days of this diary, from [DISPLAY DIARY DATE HERE, example “Wednesday, October 3’’] to [DISPLAY DIARY DATE HERE, example “Wednesday, October 3’’], did you use any of the following to make a purchase?

- Store credit
- Lay-away
- No money down

1. Yes
2. No

IF pay615 = YES then
### new screen
(pay615_a)
How much money did you get for the payday loans you got during your diary period, [DISPLAY DIARY DATE HERE, example “Wednesday, October 3’’] to [DISPLAY DIARY DATE HERE, example “Wednesday, October 3’’]? $________

(pay615_b)
How did you receive the money from the payday loans that you got during your diary period?

- Check all that apply

1. Cash
2. Check
3. Direct deposit into an account
4. Other (specify)
   a. [open ended response box]

ENDIF

IF pay616 = YES then
### same screen both pay616_a and pay616_b
(pay616_a)
What did you purchase with the proceeds of the new loan?

- Examples include: car, jewelry, boat, etc.
[open ended text box]

(pay616_c)
How much was the loan for?
$________
Please tell us the dollar amount of the purchase for which you took out a new loan.

$__________

## same screen pay617, pay614, gpr001

IF SCPC variable DE013 = YES

(pay617)

During the three days of this diary, from [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”] to [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”], did you pay for anything using a Home Equity Line of Credit?

1. Yes
2. No

ENDIF (de013 = YES)

(pay614)

During the three days of this diary, from [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”] to [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”], did you receive any payments from any of the following?

- Flex spending account, or FSA
- Health care savings plan

1. Yes
2. No

(gpr001)

During the three days of this diary, from [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”] to [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”], did you withdraw any money from your general purpose reloadable prepaid card in some other way besides making a payment or a cash withdrawal?

1. Yes
2. No

## new screens for follow-ups

IF pay617 = YES then

### same screen both pay617_a and pay617_b

(pay617_a)

What did you purchase using a Home Equity Line of Credit?

- *Examples include: car, jewelry, boat, etc.*

[open ended text box]

(pay617_b)

Please tell us the dollar amount you spent using a Home Equity Line of Credit.
## New Screen – pay620

(pay620)

During the three days of this diary, from [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”] to [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”], did you buy any of the following that you have not already reported:

<table>
<thead>
<tr>
<th>(pay620_a) Cars, trucks, motorcycles, other motor vehicles (new or used)</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
</table>

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### Furniture and furnishings

### Households appliances

### Computers, cameras, TV's, other electronics

### Sports equipment, sports and recreational vehicles, and boats

### Jewelry and watches

### Therapeutic appliances and equipment

### Real estate (house, condo, land, etc.)

---

**IF pay620_a = YES THEN**

**IF pay621**

During the three days of this diary, from [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”] to [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”], did you do any of the following?

<table>
<thead>
<tr>
<th>Whether you did</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>pay621_a</strong></td>
<td>Make a deposit on the purchase of a car, truck, motorcycle, or other motor vehicle (new or used)</td>
<td></td>
</tr>
<tr>
<td><strong>pay621_b</strong></td>
<td>Make a down payment on the purchase of a car, truck, motorcycle, or other motor vehicle (new or used)</td>
<td></td>
</tr>
<tr>
<td><strong>pay621_c</strong></td>
<td>Apply for an auto loan</td>
<td></td>
</tr>
<tr>
<td><strong>pay621_d</strong></td>
<td>Close on an auto loan</td>
<td></td>
</tr>
<tr>
<td><strong>pay621_e</strong></td>
<td>Pay the balance of the purchase price of a car, truck, motorcycle, or other motor vehicle (new or used)</td>
<td></td>
</tr>
</tbody>
</table>

---

**ENDIF**

### If the diarist says YES to any row in this table pay620, show them a payment entry screen with one row for each YES row in this table. The screen would not need merchant types. The columns would be as follows. No payment instrument follow up questions or any other follow-ups for these kinds of payments.

<table>
<thead>
<tr>
<th>Date of</th>
<th>Amount spent</th>
<th>Payment</th>
<th>Did you pay</th>
<th>Device</th>
</tr>
</thead>
</table>

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### New Screen

(pay618)

During the three days of this diary, from [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”] to [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”], did you transfer any money to people who live or have accounts in another country, sometimes called remittances?

1. Yes
2. No

If pay618 = YES
Please tell us more about your transfer to people who live or have accounts in another country (remittances).

### display three rows of table

<table>
<thead>
<tr>
<th>Amount of transfer (in US dollars)</th>
<th>How transfer was made</th>
<th>Amount of fee you paid to make the transfer (in US dollars)</th>
</tr>
</thead>
<tbody>
<tr>
<td>$______</td>
<td>Drop-down list --Select one-- Western Union Bank or credit union PayPal MoneyGram Bitcoin Other (specify)</td>
<td>$__________</td>
</tr>
</tbody>
</table>

### new variables for table

- `remit_amnt_N`, where N is 1, 2, 3
- `remit_howmade_N`
- `remit_fee_N`

### d) Balance – Cash stored and Checking account

#### We ask at the end of Day 3 only.

(scpc_pa015_b_day3)

About how much cash do you have stored elsewhere in your home, car, office, etc on [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”].

- Please round to the nearest dollar.
- Do not include cash owned by other members of your household.

  o  About $____.00

### New screen

IF scpc_pa015_b_day3 > 0 THEN

#### randomize to display either dcpc_pa015_c3 or dcpc_pa015_d3

(dcpc_pa015_c3)

You said you have $[FILL: response for scpc_pa015_b_day3] in cash stored elsewhere.

About how much of that are you holding for cash payments (either for planned spending or emergencies)?
• About $________.00  ## Do not allow answer which is greater than scpc_pa015_b_day3

(dcppa015_d3)
You said you have $[FILL: response for scpc_pa015_b_day3] in cash stored elsewhere.
About how much of that have you set aside for long-term savings?
• About $________.00  ## Do not allow answer which is greater than scpc_pa015_b_day3

ENDIF

IF pa071_b = NO

(pa071_c)
On the first evening of the diary, you mentioned that you were not able to tell us your checking account balance.
It is important for us to get an accurate measure of your balance.
Please use one of the following methods to look up your checking account balance:
• Your bank’s online banking website
• Your bank’s mobile app
• Your bank’s telephone banking system
• Your check book balance
Are you able to tell us your checking account balance on the first day of your diary?
1. Yes
2. No

IF pa071_c = YES then

IF dccpa001_a = 1 THEN

Please tell us the balance of your checking account as of the first day of your diary,
[DISPLAY DIARY DAY 1 HERE, example “Wednesday, October 3”].
• Round to the nearest dollar
• Please report the total balance of the checking account, even if jointly owned

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(pa072_a)
Balance of checking account $____________

(pa072_a_time)
Please tell us the time of this balance which you are reporting to us.
[clock widget]

(pa072_a_date)
Please tell us the date of this balance which you are reporting to us.
[calendar widget]

ELSE IF dcpc_pa001_a >= 2 THEN

Please tell us the balance of your primary checking account as of the first day of your diary, [DISPLAY DIARY DAY 1 HERE, example “Wednesday, October 3”].

- Round to the nearest dollar
- Please report the total balance of the checking account, even if jointly owned
- Your primary account is the account you use most often to make payments, not necessarily the account with the most money in it.

(pa072_a)
Balance of primary account $____________.00

(pa072_a_time)
Please tell us the time of this balance which you are reporting to us.
[clock widget]

(pa072_a_date)
Please tell us the date of this balance which you are reporting to us.
[calendar widget]

ENDIF (dcpc_pa001_a)

IF dcpc_pa001_a = 1 THEN
Please tell us the balance of your checking account as of the last day of your diary, [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”].

It is important for us to get an accurate measure of your balance.

Please use one of the following methods to look up your checking account balance:

- Your bank’s online banking website
- Your bank’s mobile app
- Your bank’s telephone banking system
- Your check book balance

- Please report the total balance of the checking account, even if jointly owned

(pa073_a)
Balance of checking account $_______________

(pa073_a_time)
Please tell us the time that you checked the balance of your checking account.
[clock widget]

(pa073_a_date)
Please tell us the date that you checked the balance of your checking account.
[calendar widget]

ELSE IF dcpc_pa001_a >= 2 THEN

Please tell us the balance of your primary checking account as of the last day of your diary, [DISPLAY DIARY DATE HERE, example “Wednesday, October 3”].

It is important for us to get an accurate measure of your balance.

Please use one of the following methods to look up your checking account balance:

- Your bank’s online banking website
- Your bank’s mobile app
- Your bank’s telephone banking system
- Your check book balance

- Please report the total balance of the checking account, even if jointly owned
- Your primary account is the account you use most often to make payments, not necessarily the account with the most money in it.

(pa073_a)
Balance of primary account $_______________.00
(pa073_a_time)
Please tell us the time that you checked the balance of your checking account.
[clock widget]

(pa073_a_date)
Please tell us the date that you checked the balance of your checking account.
[calendar widget]

## balance of general purpose prepaid card

IF or dcpc_gpradoptr = 1 and dcpc_pa001_a = 0 and
(q_mostusedpayacnt_1 = “General purpose prepaid card” or
q_mostusedpayacnt_2 = “General purpose prepaid card”) THEN

(pa074_c)
You told us you own a general purpose prepaid card that has money stored or loaded on to it. You can use a general purpose prepaid card anywhere cards are accepted.

Please tell us the balance of your primary general purpose prepaid card as of the third day of your diary, [DISPLAY Diary DATE HERE, example “Wednesday, October 3”].

- If you have more than one general purpose prepaid card, your primary card is the one that you use most often to make payments.
- Round to the nearest dollar.

$_____________.00

(pa074_c_time)
Please tell us the time that you checked the balance of your primary general purpose prepaid card.
[clock widget]

(pa074_c_date)
Please tell us the date that you checked the balance of your primary general purpose prepaid card.
[calendar widget]

ENDIF

## Day 3 balance of PayPal account

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IF dcpc_paypaladopter = 1 and dcpc_pa001_a = 0 and (q_mostusedpayacnt_1 = “PayPal” or q_mostusedpayacnt_2 = “PayPal”) THEN

(paypal_balday0)

You told us you have money stored in an account at PayPal.

Please tell us the balance of your primary PayPal account as of the third day of your diary,

[DISPAY DIARY DATE HERE, example “Wednesday, October 3”].

- If you have more than one PayPal account, your primary account is the one that you use most often to make payments.
- Round to the nearest dollar.

$____________.00

(paypal_balday0_time)
Please tell us the time that you checked the balance of your primary PayPal account.
[clock widget]

(paypal_balday0_date)
Please tell us the date that you checked the balance of your primary PayPal account.
[calendar widget]

ENDIF

e) Rating the diary (our questions and RAND cs_001, cs_003)

(q24)
Were the instructions / definitions and examples for filling out the paper diary and the online diary clear and helpful to you?
1. Yes
2. No

(q25)
Please tell us how you kept track of your daily payments and cash activity. Did you...
- Check all that apply

1. ...carry the large paper diary?
2. ...carry the smaller checkbook sized diary?

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3. ...keep receipts?
4. ...consult your financial records (bank statements, credit card statements, etc.)?
5. ...use your memory?
6. ...use some other method?

IF q25 = 6
   (q26)
   Please tell us how you kept track of your payments and cash activity.
       [open ended response box]
ENDIF

IF q25 = 3 or 4 or 5 or 6 and not (1 or 2)
   (q27)
   Please tell us why you did not carry the large paper diary or the checkbook sized diary.
       [open ended response box]
ENDIF

(q29)
Thank you for completing your three day diary. Would you be willing to participate in a [randomize: five OR seven] day diary at some point in the future?
   1. Yes
   2. No

(q28)
Do you have any comments about the large paper diary, the checkbook sized diary, or the nightly online diary?
       [open ended response box]

f) Video??

****Finally, the video should have a few questions***

***Keep track the following things each time the video is watched:
   1. Who watched it.
   2. When they watched it. (time and date)
   3. How much of it they watched (the length of time)
   4. Ask them to rate the video (1-5 stars)

(cs_004)
Did you watch the instructional video for this diary?
   1. Yes
   2. No

# cs_005 and cs_006 on the same screen
IF cs_004 = YES THEN

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Was the video helpful to your diary experience?
1. Yes
2. No

Do you have any comments on the instructional video?
[open ended response box]

***Wrap-up questions at the end of each survey***

Could you tell us how interesting or uninteresting you found the questions in this interview?
1. Very interesting
2. Interesting
3. Neither interesting nor uninteresting
4. Uninteresting
5. Very uninteresting.

Do you have any other comments on the interview?
Please type these in the box below.

**g) End of Day 3 text**
Thank you for completing the final day of your diary.