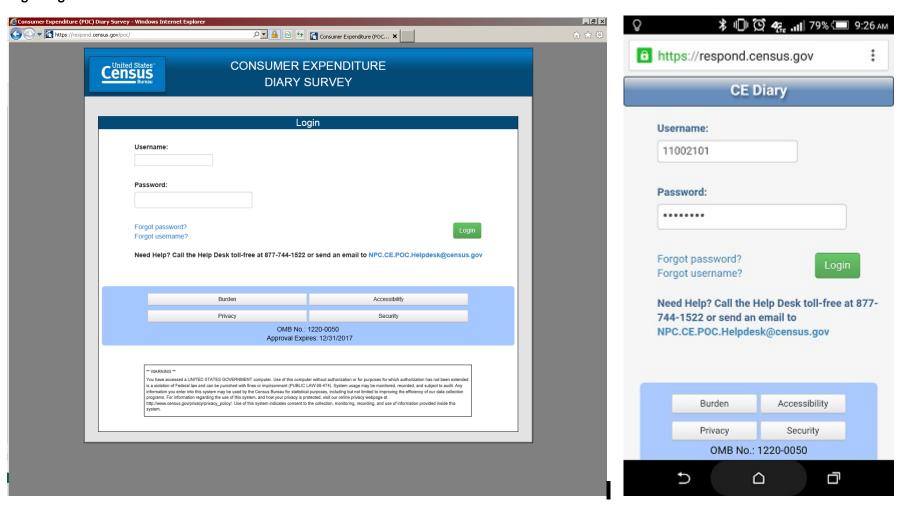
## **Consumer Expenditure Survey Proof of Concept Test**

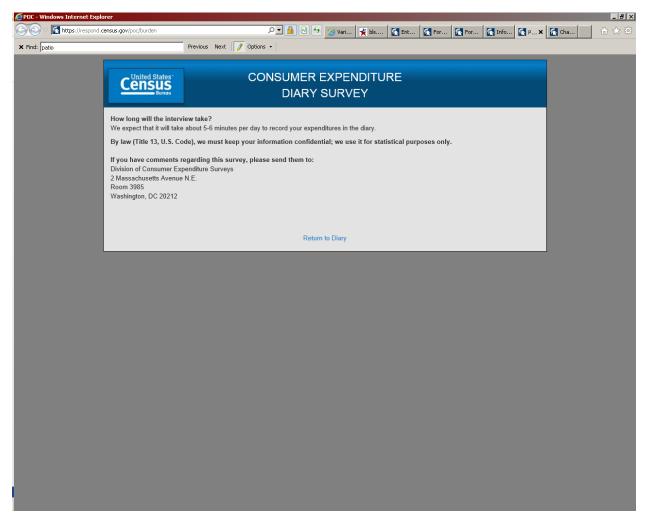
## **Electronic Diary Screenshots**

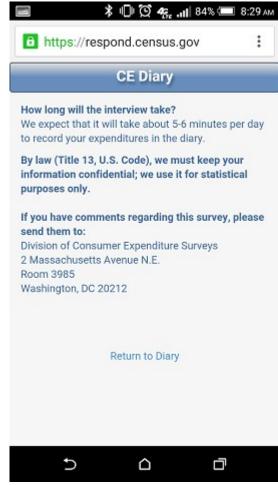
The followin screenshots are taken for each page of the respondent's electronic diary. The first screen shot is as viewed from a desktop, the second is as viewed from a mobile device.

## **Login Page:**

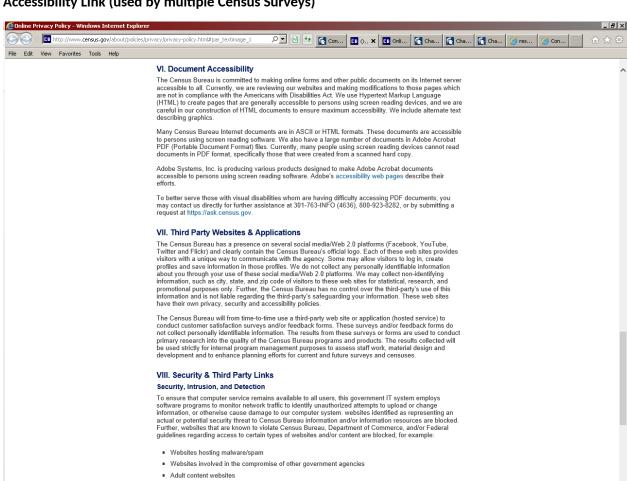


## **Burden Link:**





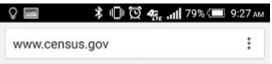
## Accessibility Link (used by multiple Census Surveys)



· Websites attacking Census Bureau systems (attempting to identify and exploit vulnerabilities in

 On-line storage and file sharing websites Freeware/Shareware websites

Internet facing systems)



#### VI. Document Accessibility

The Census Bureau is committed to making online forms and other public documents on its Internet server accessible to all. Currently, we are reviewing our websites and making modifications to those pages which are not in compliance with the Americans with Disabilities Act. We use Hypertext Markup Language (HTML) to create pages that are generally accessible to persons using screen reading devices, and we are careful in our construction of HTML documents to ensure maximum accessibility. We include alternate text describing graphics.

Many Census Bureau Internet documents are in ASCII or HTML formats. These documents are accessible to persons using screen reading software. We also have a large number of documents in Adobe Acrobat PDF (Portable Document Format) files. Currently, many people using screen reading devices cannot read documents in PDF format, specifically those that were created from a scanned hard copy.

Adobe Systems, Inc. is producing various products designed to make Adobe Agrobat documents accessible to persons using screen reading software. Adobe's accessibility web pages describe their efforts.

To better serve those with visual disabilities whom are having difficulty accessing PDF documents; you may contact us directly for further assistance at 301-763-INFO (4636), 800-923-8282, or by submitting a request. at https://ask.census.gov

#### VII. Third Party Websites & Applications

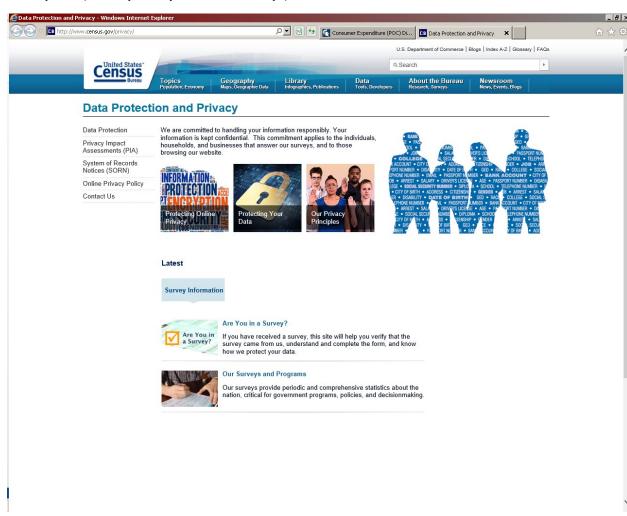
The Census Bureau has a presence on several social media/Web 2.0 platforms (Facebook, YouTube, Twitter and Flickr) and clearly contain the Census Bureau's official logo. Each of these web sites provides visitors with a unique way to communicate with the agency. Some may allow visitors to log in, create profiles and save information in those profiles. We do not collect any personally identifiable information about you through your use of these social media/Web 2.0 platforms. We may collect non-identifying information, such as city, state, and zip code of visitors to these web sites for statistical, research, and promotional purposes only. Further, the Census Bureau has no control over the third-party's use of this information and is not liable regarding the third-party's safeguarding your information. These web sites have their





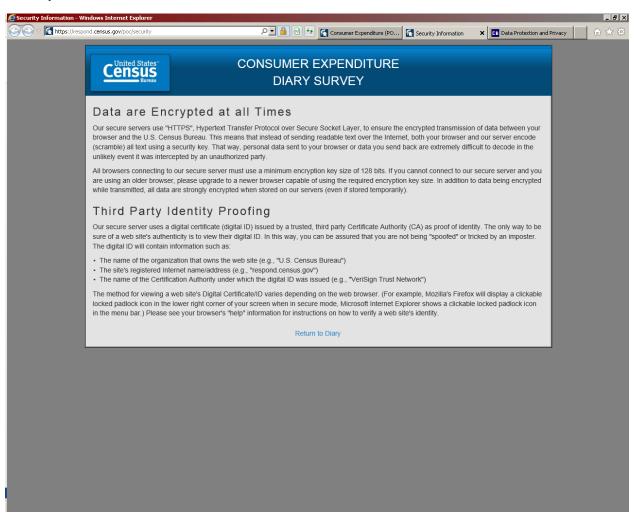


## Privacy Link (used by multiple Census Surveys)





## **Security Link:**





## **CE Diary**

## Data are Encrypted at all Times

Our secure servers use "HTTPS", Hypertext Transfer Protocol over Secure Socket Layer, to ensure the encrypted transmission of data between your browser and the U.S. Census Bureau. This means that instead of sending readable text over the Internet, both your browser and our server encode (scramble) all text using a security key. That way, personal data sent to your browser or data you send back are extremely difficult to decode in the unlikely event it was intercepted by an unauthorized party.

All browsers connecting to our secure server must use a minimum encryption key size of 128 bits. If you cannot connect to our secure server and you are using an older browser, please upgrade to a newer browser capable of using the required encryption key size. In addition to data being encrypted while transmitted, all data are strongly encrypted when stored on our servers (even if stored temporarily).

## Third Party Identity









# Third Party Identity Proofing

Our secure server uses a digital certificate (digital ID) issued by a trusted, third party Certificate Authority (CA) as proof of identity. The only way to be sure of a web site's authenticity is to view their digital ID. In this way, you can be assured that you are not being "spoofed" or tricked by an imposter. The digital ID will contain information such as:

- The name of the organization that owns the web site (e.g., "U.S. Census Bureau")
- The site's registered Internet name/address (e.g., "respond.census.gov")
- The name of the Certification Authority under which the digital ID was issued (e.g., "VeriSign Trust Network")

The method for viewing a web site's Digital
Certificate/ID varies depending on the web browser.
(For example, Mozilla's Firefox will display a clickable locked padlock icon in the lower right corner of your screen when in secure mode, Microsoft Internet
Explorer shows a clickable locked padlock icon in the menu bar.) Please see your browser's "help" information for instructions on how to verify a web site's identity.

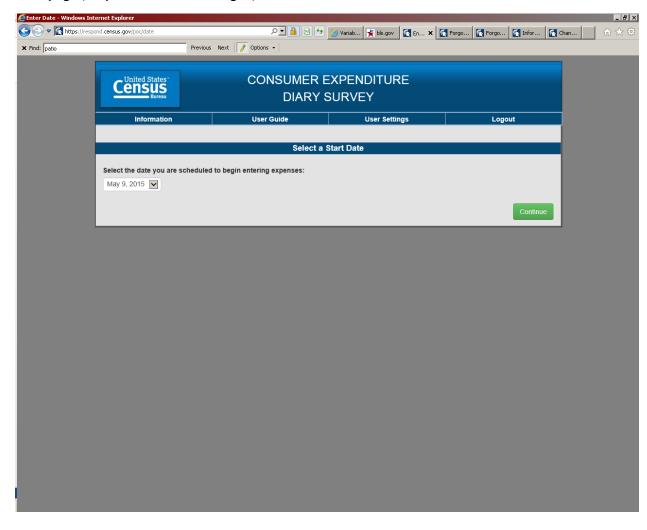
#### Return to Diary

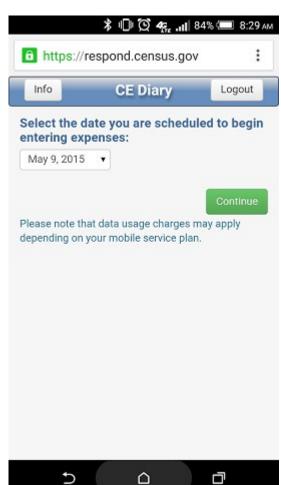




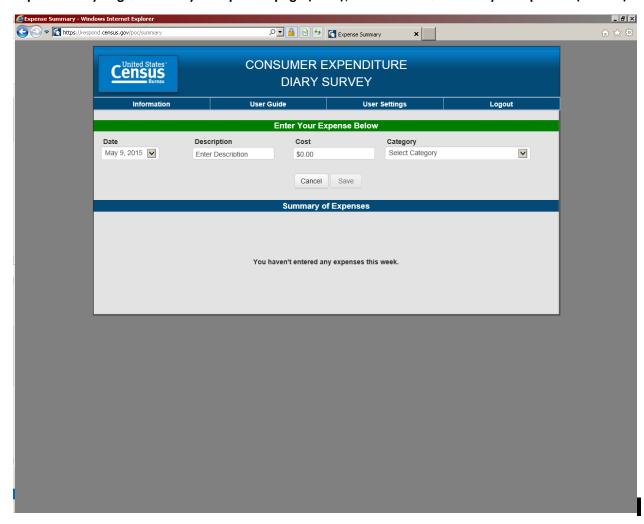


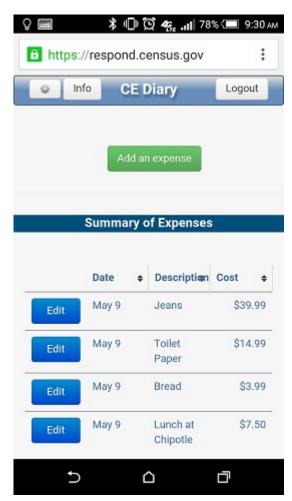
## Start page (only accessed on first log in):



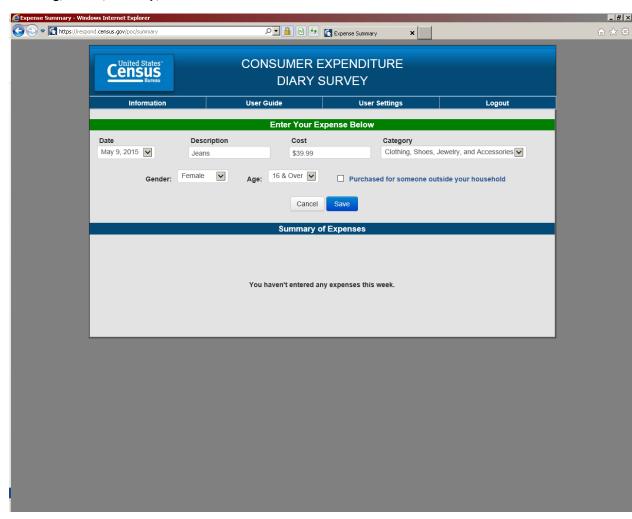


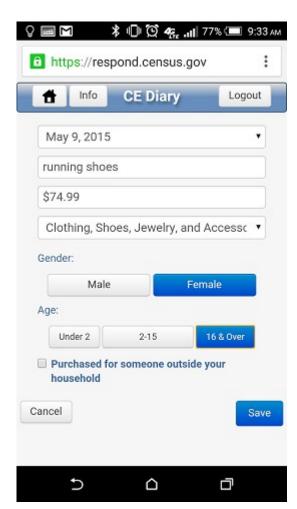
## Expense Entry Page/Summary of Expenses page (Web), Home Screen/Summary of Expenses (Mobile)



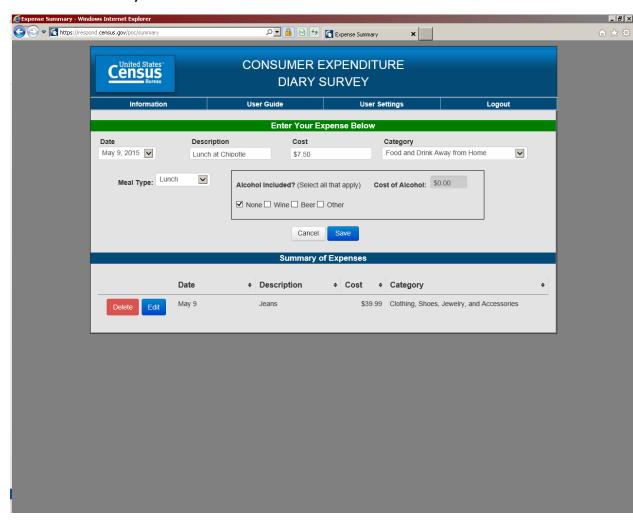


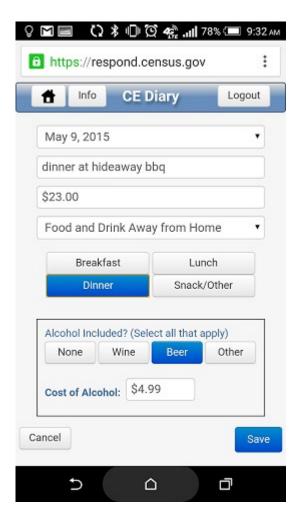
## Clothing, Shoes, Jewelry, and Accessories Fields:



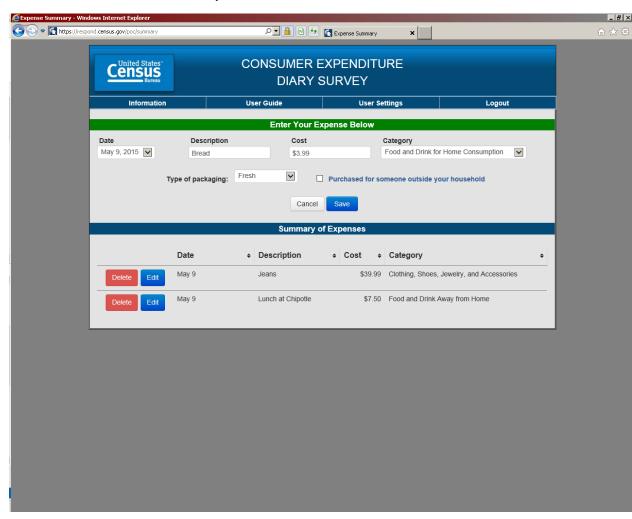


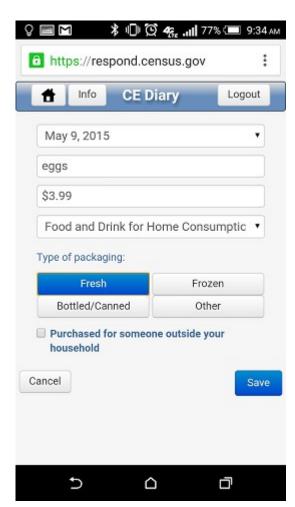
## Food and Drink Away from Home Fields:



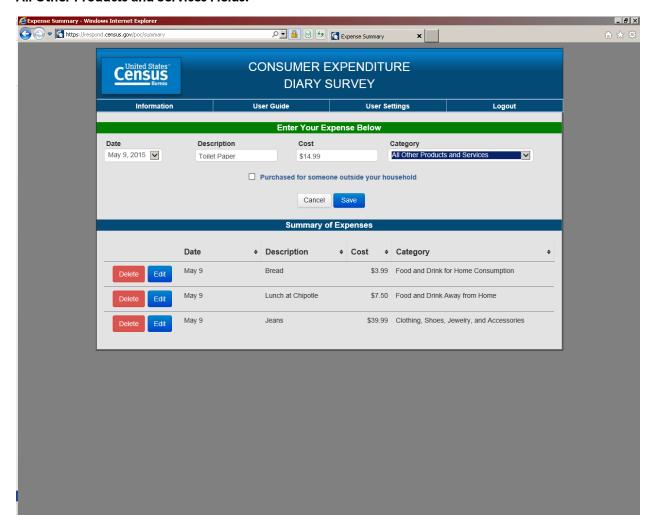


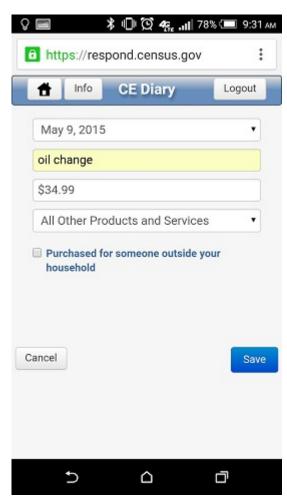
## **Food and Drink for Home Consumption Fields:**





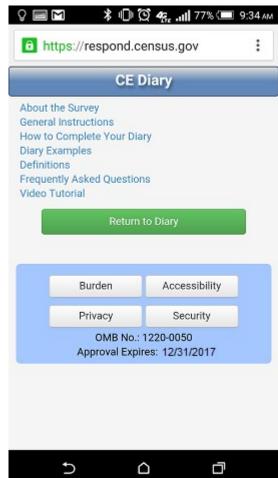
## **All Other Products and Services Fields:**



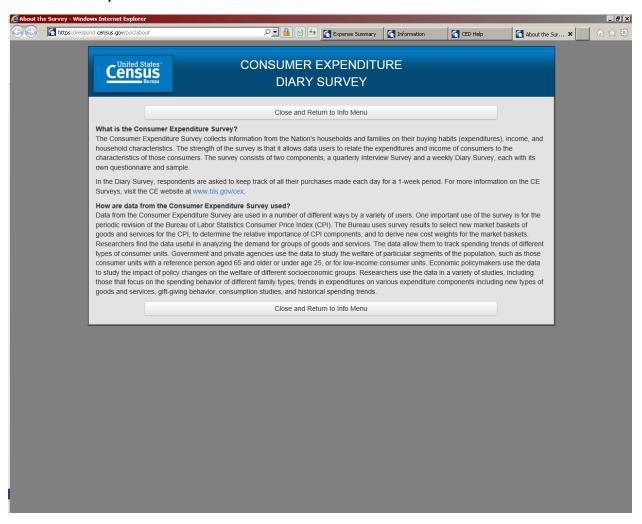


## **Information Link:**





## **About the Survey link:**





## **CE Diary**

Close and Return to Info Menu

#### What is the Consumer Expenditure Survey?

The Consumer Expenditure Survey collects information from the Nation's households and familles on their buying habits (expenditures), income, and household characteristics. The strength of the survey is that it allows data users to relate the expenditures and income of consumers to the characteristics of those consumers. The survey consists of two components, a quarterly Interview Survey and a weekly Diary Survey, each with its own questionnaire and sample.

In the Diary Survey, respondents are asked to keep track of all their purchases made each day for a 1-week period. For more information on the CE Surveys, visit the CE website at www.bls.gov/cex.

### How are data from the Consumer Expenditure Survey used?

Data from the Consumer Expenditure Survey are used in a number of different ways by a variety of users. One important use of the survey is for the periodic revision of the Bureau of Labor Statistics









### How are data from the Consumer Expenditure Survey used?

Data from the Consumer Expenditure Survey are used in a number of different ways by a variety of users. One important use of the survey is for the periodic revision of the Bureau of Labor Statistics Consumer Price Index (CPI). The Bureau uses survey results to select new market baskets of goods and services for the CPI, to determine the relative importance of CPI components, and to derive new cost weights for the market baskets. Researchers find the data useful in analyzing the demand for groups of goods and services. The data allow them to track spending trends of different types of consumer units. Government and private agencies use the data to study the welfare of particular segments of the population, such as those consumer units with a reference person aged 65 and older or under age 25, or for low-income consumer units. Economic policymakers use the data to study the impact of policy changes on the welfare of different socioeconomic groups. Researchers use the data in a variety of studies, including those that focus on the spending behavior of different family types, trends in expenditures on various expenditure components including new types of goods and services, giftgiving behavior, consumption studies, and historical spending trends.

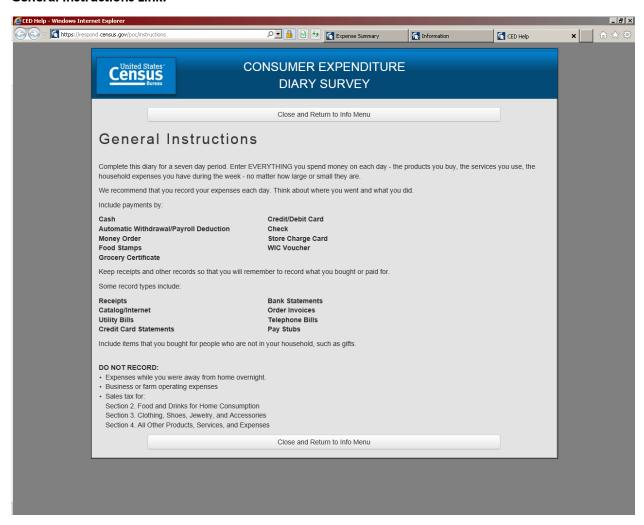
Close and Return to Info Menu







## **General Instructions Link:**





Close and Return to Info Menu

## General Instructions

Complete this diary for a seven day period. Enter EVERYTHING you spend money on each day - the products you buy, the services you use, the household expenses you have during the week - no matter how large or small they are.

We recommend that you record your expenses each day. Think about where you went and what you did.

Include payments by:

Cash Credit/Debit Card

Automatic

Withdrawal/Payroll Check

Deduction

Money Order Store Charge Card Food Stamps WIC Voucher

**Grocery Certificate** 

Keep receipts and other records so that you will remember to record what you bought or paid for.

Some record types include:





**Grocery Certificate** 

Keep receipts and other records so that you will remember to record what you bought or paid for.

Some record types include:

Receipts Bank Statements
Catalog/Internet Order Invoices
Utility Bills Telephone Bills
Credit Card
Statements
Pay Stubs

Include items that you bought for people who are not in your household, such as gifts.

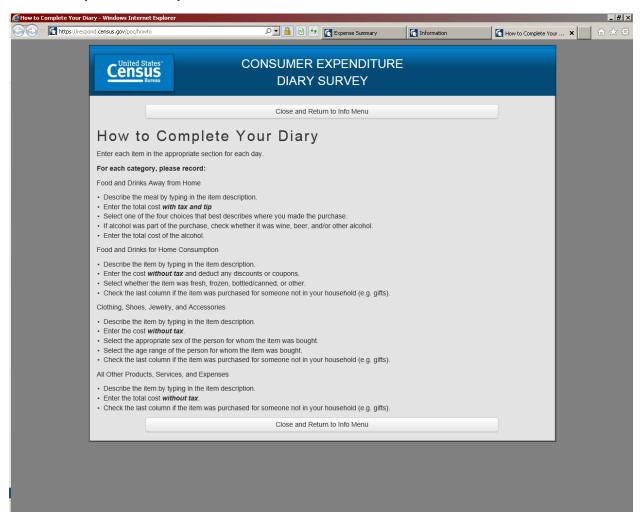
#### DO NOT RECORD:

- Expenses while you were away from home overnight.
- · Business or farm operating expenses
- Sales tax for: Section 2. Food and Drinks for Home Consumption Section 3. Clothing, Shoes, Jewelry, and Accessories Section 4. All Other Products, Services, and Expenses

Close and Return to Info Menu



## **How to Complete Your Diary link:**





## **CE Diary**

Close and Return to Info Menu

## How to Complete Your Diary

Enter each item in the appropriate section for each day.

#### For each category, please record:

Food and Drinks Away from Home

- Describe the meal by typing in the item description.
- . Enter the total cost with tax and tip
- Select one of the four choices that best describes where you made the purchase.
- If alcohol was part of the purchase, check whether it was wine, beer, and/or other alcohol.
- . Enter the total cost of the alcohol.

Food and Drinks for Home Consumption

- · Describe the item by typing in the item description.
- . Enter the cost without tax and deduct any









it was wine, beer, and/or other alcor

· Enter the total cost of the alcohol.

Food and Drinks for Home Consumption

- · Describe the item by typing in the item description.
- Enter the cost without tax and deduct any discounts or coupons.
- Select whether the item was fresh, frozen, bottled/canned, or other.
- Check the last column if the item was purchased for someone not in your household (e.g. gifts).

Clothing, Shoes, Jewelry, and Accessories

- · Describe the item by typing in the item description.
- . Enter the cost without tax.
- Select the appropriate sex of the person for whom the item was bought.
- Select the age range of the person for whom the item was bought.
- Check the last column if the item was purchased for someone not in your household (e.g. gifts).

All Other Products, Services, and Expenses

- · Describe the item by typing in the item description.
- . Enter the total cost without tax.
- Check the last column if the item was purchased for someone not in your household (e.g. gifts).

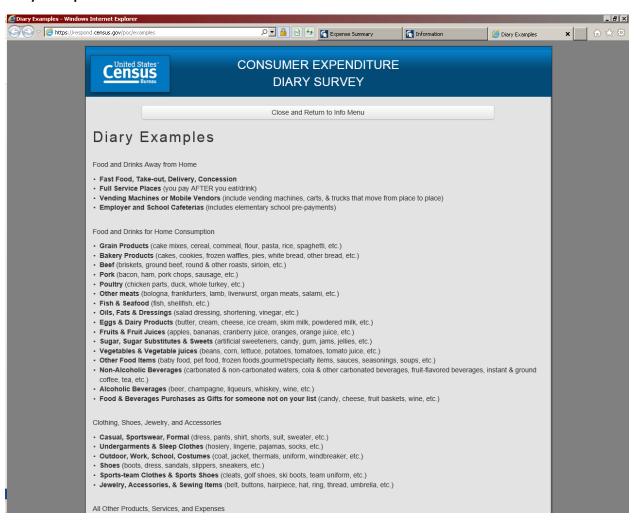
Close and Return to Info Menu

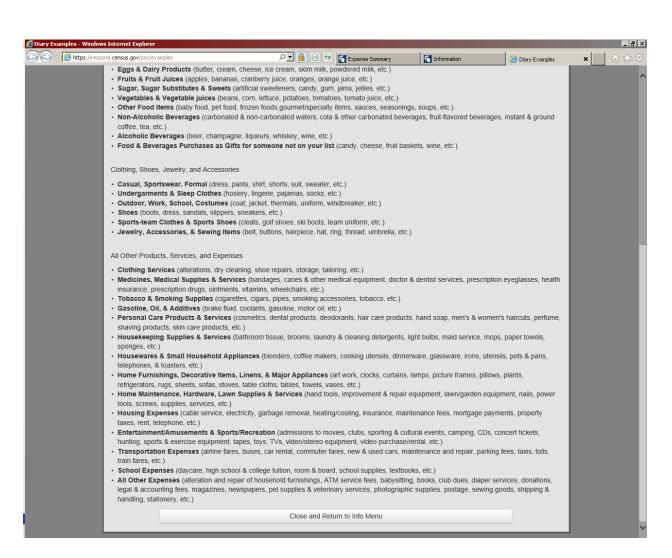






## **Diary Examples link:**







## **CE Diary**

Close and Return to Info Menu

## Diary Examples

Food and Drinks Away from Home

- · Fast Food, Take-out, Delivery, Concession
- . Full Service Places (you pay AFTER you eat/drink)
- Vending Machines or Mobile Vendors (include vending machines, carts, & trucks that move from place to place)
- Employer and School Cafeterias (includes elementary school pre-payments)

Food and Drinks for Home Consumption

- Grain Products (cake mixes, cereal, cornmeal, flour, pasta, rice, spaghetti, etc.)
- Bakery Products (cakes, cookies, frozen waffles, pies, white bread, other bread, etc.)
- Beef (briskets, ground beef, round & other roasts, sirloin, etc.)
- Bork (hoose ham nork shops souspes etc.)









- Pork (bacon, ham, pork chops, sausage, etc.)
- . Poultry (chicken parts, duck, whole turkey, etc.)
- Other meats (bologna, frankfurters, lamb, liverwurst, organ meats, salami, etc.)
- Fish & Seafood (fish, shellfish, etc.)
- Oils, Fats & Dressings (salad dressing, shortening, vinegar, etc.)
- Eggs & Dairy Products (butter, cream, cheese, ice cream, skim milk, powdered milk, etc.)
- Fruits & Fruit Juices (apples, bananas, cranberry juice, oranges, orange juice, etc.)
- Sugar, Sugar Substitutes & Sweets (artificial sweeteners, candy, gum, jams, jellies, etc.)
- Vegetables & Vegetable juices (beans, corn, lettuce, potatoes, tomatoes, tomato juice, etc.)
- Other Food Items (baby food, pet food, frozen foods,gourmet/specialty items, sauces, seasonings, soups, etc.)
- Non-Alcoholic Beverages (carbonated & noncarbonated waters, cola & other carbonated beverages, fruit-flavored beverages, instant & ground coffee, tea, etc.)
- Alcoholic Beverages (beer, champagne, liqueurs, whiskey, wine, etc.)
- Food & Beverages Purchases as Gifts for someone not on your list (candy, cheese, fruit baskets, wine, etc.)

Clothing, Shoes, Jewelry, and Accessories







- ♀ 🖃 🗹 🥒 🗘 🔩 📶 77% 📼 9:35 AM
- Casual, Sportswear, Formal (dress, pants, shirt, shorts, suit, sweater, etc.)
- Undergarments & Sleep Clothes (hosiery, lingerie, pajamas, socks, etc.)
- Outdoor, Work, School, Costumes (coat, jacket, thermals, uniform, windbreaker, etc.)
- Shoes (boots, dress, sandals, slippers, sneakers, etc.)
- Sports-team Clothes & Sports Shoes (cleats, golf shoes, ski boots, team uniform, etc.)
- Jewelry, Accessories, & Sewing Items (belt, buttons, hairpiece, hat, ring, thread, umbrella, etc.)

All Other Products, Services, and Expenses

- Clothing Services (alterations, dry cleaning, shoe repairs, storage, talloring, etc.)
- Medicines, Medical Supplies & Services
   (bandages, canes & other medical equipment, doctor & dentist services, prescription eyeglasses, health insurance, prescription drugs, ointments, vitamins, wheelchairs, etc.)
- Tobacco & Smoking Supplies (cigarettes, cigars, pipes, smoking accessories, tobacco, etc.)
- Gasoline, Oil, & Additives (brake fluid, coolants, gasoline, motor oil, etc.)
- Personal Care Products & Services (cosmetics, dental products, deodorants, hair care products, hand soap, men's & women's haircuts, perfume,

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- Housing Expenses (cable service, electricity, garbage removal, heating/cooling, insurance, maintenance fees, mortgage payments, property taxes, rent, telephone, etc.)
- Entertainment/Amusements & Sports/Recreation (admissions to movies, clubs, sporting & cultural events, camping, CDs, concert tickets, hunting, sports & exercise equipment, tapes, toys, TVs, video/stereo equipment, video purchase/rental, etc.)
- Transportation Expenses (airline fares, buses, car rental, commuter fares, new & used cars, maintenance and repair, parking fees, taxis, tolls, train fares, etc.)
- School Expenses (daycare, high school & college tuition, room & board, school supplies, textbooks, etc.)
- All Other Expenses (alteration and repair of household furnishings, ATM service fees, babysitting, books, club dues, diaper services, donations, legal & accounting fees, magazines, newspapers, pet supplies & veterinary services, photographic supplies, postage, sewing goods, shipping & handling, stationery, etc.)

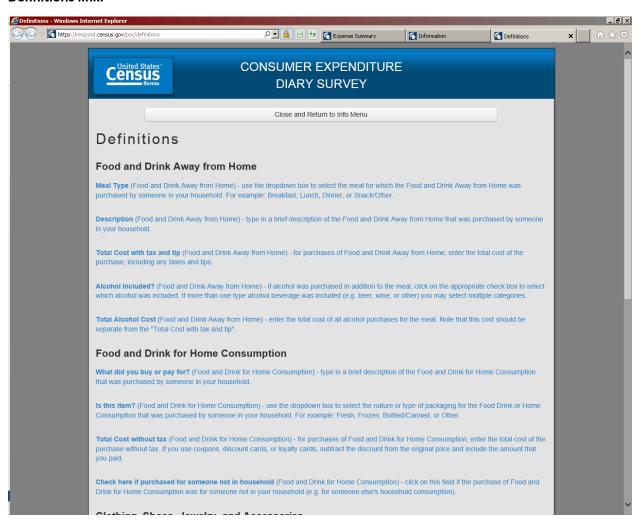
Close and Return to Info Menu



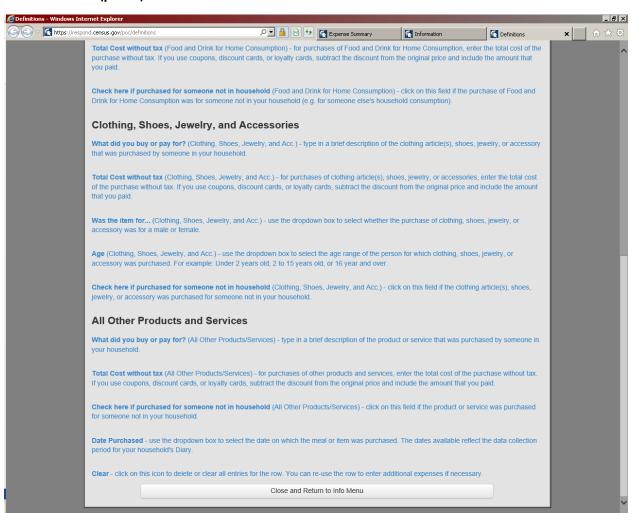


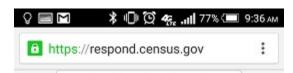


## **Definitions link:**



## Definitions link (part 2):





Close and Return to Info Menu

## Definitions

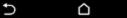
## Food and Drink Away from Home

Meal Type (Food and Drink Away from Home) - use the dropdown box to select the meal for which the Food and Drink Away from Home was purchased by someone in your household. For example: Breakfast, Lunch, Dinner, or Snack/Other.

Description (Food and Drink Away from Home) - type in a brief description of the Food and Drink Away from Home that was purchased by someone in your household.

Total Cost with tax and tip (Food and Drink Away from Home) - for purchases of Food and Drink Away from Home, enter the total cost of the purchase, including any taxes and tips.

Alcohol Included? (Food and Drink Away from





Alcohol Included? (Food and Drink Away from Home) - if alcohol was purchased in addition to the meal, click on the appropriate check box to select which alcohol was included. If more than one type alcohol beverage was included (e.g. beer, wine, or other) you may select multiple categories.

Total Alcohol Cost (Food and Drink Away from Home) - enter the total cost of all alcohol purchases for the meal. Note that this cost should be separate from the "Total Cost with tax and tip".

## Food and Drink for Home Consumption

What did you buy or pay for? (Food and Drink for Home Consumption) - type in a brief description of the Food and Drink for Home Consumption that was purchased by someone in your household.

Is this item? (Food and Drink for Home Consumption) - use the dropdown box to select the nature or type of packaging for the Food Drink or Home Consumption that was purchased by someone in your household. For example: Fresh, Frozen, Bottled/Canned, or Other.

Total Cost without tax (Food and Drink for Home







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## Clothing, Shoes, Jewelry, and Accessories

What did you buy or pay for? (Clothing, Shoes, Jewelry, and Acc.) - type in a brief description of the clothing article(s), shoes, jewelry, or accessory that was purchased by someone in your household.

Total Cost without tax (Clothing, Shoes, Jewelry, and Acc.) - for purchases of clothing article(s), shoes, jewelry, or accessories, enter the total cost of the purchase without tax. If you use coupons, discount cards, or loyalty cards, subtract the discount from the original price and include the amount that you paid.

Was the item for... (Clothing, Shoes, Jewelry, and Acc.) - use the dropdown box to select whether the purchase of clothing, shoes, jewelry, or accessory was for a male or female.

Age (Clothing, Shoes, Jewelry, and Acc.) - use the dropdown box to select the age range of the person for which clothing, shoes, jewelry, or accessory was purchased. For example: Under 2 years old, 2 to 15 years old, or 16 year and over.







## S ■ M \* © G 4, all 77% ■ 9:36 M All Other Products and Services

What did you buy or pay for? (All Other Products/Services) - type in a brief description of the product or service that was purchased by someone in your household.

Total Cost without tax (All Other Products/Services)

- for purchases of other products and services, enter the total cost of the purchase without tax. If you use coupons, discount cards, or loyalty cards, subtract the discount from the original price and include the amount that you paid.

Check here if purchased for someone not in household (All Other Products/Services) - click on this field if the product or service was purchased for someone not in your household.

Date Purchased - use the dropdown box to select the date on which the meal or item was purchased. The dates available reflect the data collection period for your household's Diary.

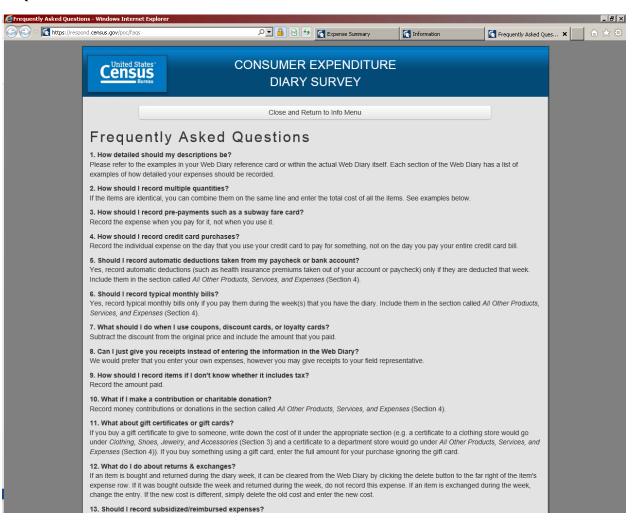
Clear - click on this icon to delete or clear all entries for the row. You can re-use the row to enter additional expenses if necessary.

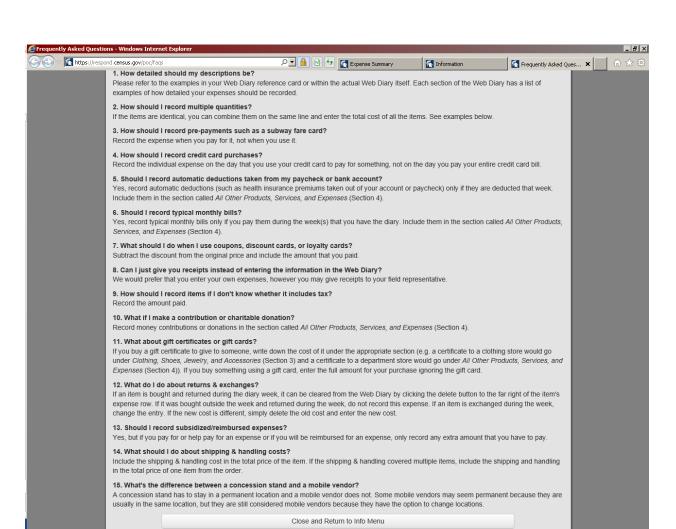






#### **FAQ link:**







Close and Return to Info Menu

## Frequently Asked Questions

How detailed should my descriptions be?
 Please refer to the examples in your Web Diary reference card or within the actual Web Diary itself.
 Each section of the Web Diary has a list of examples of how detailed your expenses should be recorded.

2. How should I record multiple quantities?
If the items are identical, you can combine them on
the same line and enter the total cost of all the items.
See examples below.

3. How should I record pre-payments such as a subway fare card?

Record the expense when you pay for it, not when you use it.

4. How should I record credit card purchases? Record the individual expense on the day that you use your credit card to pay for something, not on the day you pay your entire credit card bill.

5. Should I record automatic deductions taken from





## 5. Should I record automatic deductions taken from my paycheck or bank account?

Yes, record automatic deductions (such as health insurance premiums taken out of your account or paycheck) only if they are deducted that week. Include them in the section called All Other Products, Services, and Expenses (Section 4).

#### 6. Should I record typical monthly bills?

Yes, record typical monthly bills only if you pay them during the week(s) that you have the diary. Include them in the section called All Other Products, Services, and Expenses (Section 4).

7. What should I do when I use coupons, discount cards, or loyalty cards?

Subtract the discount from the original price and include the amount that you paid.

8. Can I just give you receipts instead of entering the information in the Web Diary?

We would prefer that you enter your own expenses, however you may give receipts to your field representative.

How should I record items if I don't know whether it includes tax?

Record the amount paid.

10. What if I make a contribution or charitable donation?

Record money contributions or donations in the



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## 10. What if I make a contribution or charitable donation?

Record money contributions or donations in the section called All Other Products, Services, and Expenses (Section 4).

#### 11. What about gift certificates or gift cards?

If you buy a gift certificate to give to someone, write down the cost of it under the appropriate section (e.g. a certificate to a clothing store would go under Clothing, Shoes, Jewelry, and Accessories (Section 3) and a certificate to a department store would go under All Other Products, Services, and Expenses (Section 4)). If you buy something using a gift card, enter the full amount for your purchase Ignoring the gift card.

12. What do I do about returns & exchanges?

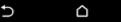
If an item is bought and returned during the diary week, it can be cleared from the Web Diary by clicking the delete button to the far right of the item's expense row. If it was bought outside the week and returned during the week, do not record this expense. If an item is exchanged during the week, change the entry. If the new cost is different, simply delete the

## 13. Should I record subsidized/reimbursed expenses?

old cost and enter the new cost.

Yes, but if you pay for or help pay for an expense or if you will be reimbursed for an expense, only record

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clicking the delete button to the far right of the item's expense row. If it was bought outside the week and returned during the week, do not record this expense. If an item is exchanged during the week, change the entry. If the new cost is different, simply delete the old cost and enter the new cost.

## 13. Should I record subsidized/reimbursed expenses?

Yes, but if you pay for or help pay for an expense or if you will be reimbursed for an expense, only record any extra amount that you have to pay.

## 14. What should I do about shipping & handling costs?

Include the shipping & handling cost in the total price of the item. If the shipping & handling covered multiple items, include the shipping and handling in the total price of one item from the order.

## 15. What's the difference between a concession stand and a mobile vendor?

A concession stand has to stay in a permanent location and a mobile vendor does not. Some mobile vendors may seem permanent because they are usually in the same location, but they are still considered mobile vendors because they have the option to change locations.

Close and Return to Info Menu



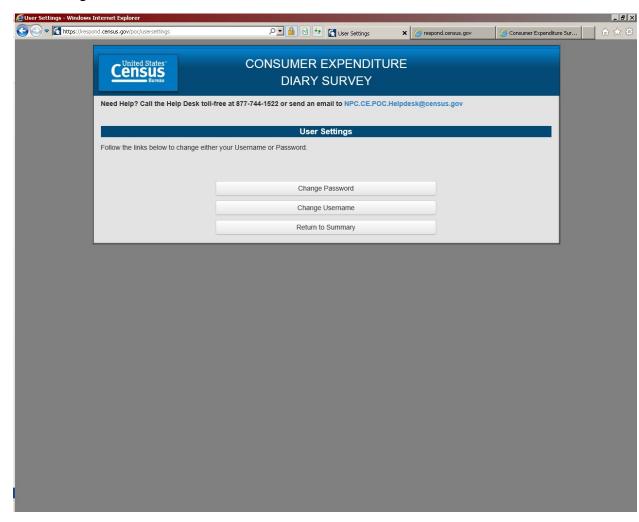


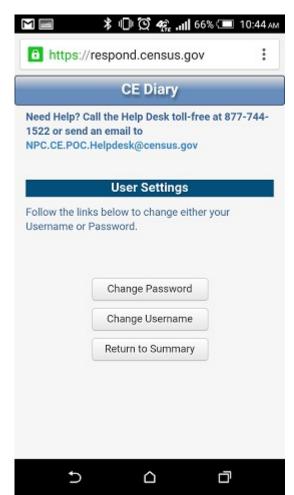


Video Tutorial link: See video tutorial scripts (Attachment XXX)

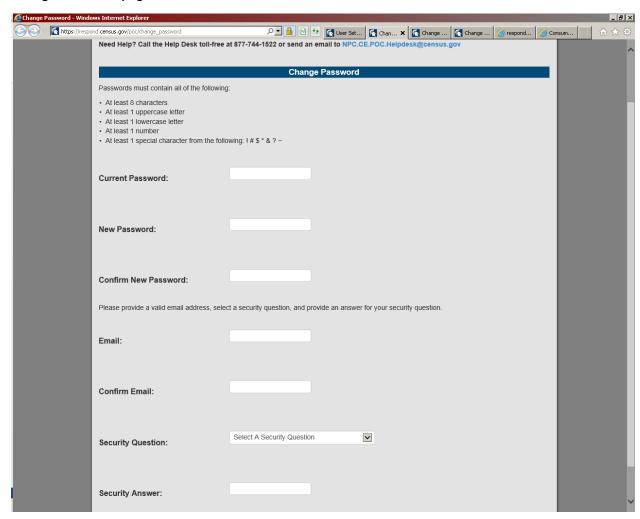
User Guide link: See User Guide (Attachment XXX)

## **User Settings link:**





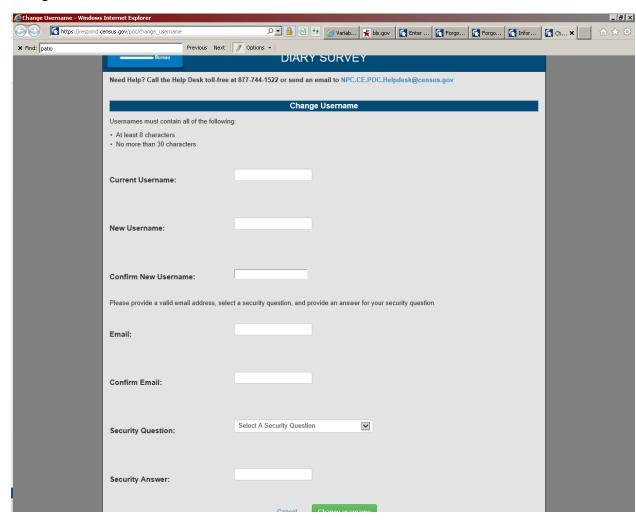
## **Change Password page:**





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Passwords	must conta	in all of the	e following:	
At least 1     At least 1     At least 1	1 special ch	letter letter	m the followi	ng:!#
Current Password:				
New Password:				
Confirm New Password:				
			ess, select a for your secu	
Email:				
Confirm Email:				
Security Question:	Select A S	ecurity Que	estion	
Security Answer:				
	Cancel	Change p	password	
+		۵		

## **Change Username link:**



	Change Username
Usernames	must contain all of the following:
At least 8	characters
No more	than 30 characters
Current	
Username:	
New	
Username:	
Confirm	
New Username:	
	ide a valid email address, select a secur
	nd provide an answer for your security q
Email:	
Lillall.	
Confirm	
Email:	,
	Select A Security Question
Security Question:	

## Logout link:

