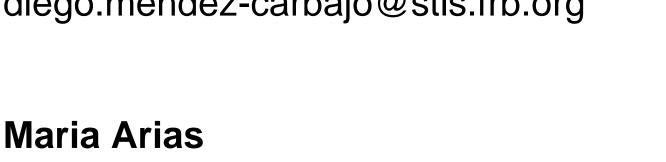


Storytelling with FRED® Graphs: CES Data at Your Fingertips

2023 Consumer Expenditure Surveys Microdata Users' Workshop Presentation (online), July 18, 2023

Presenters

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Natural Language Search

- Sharp keywords ("expenditures" (3))
- Series ID are foolproof (CXUUSEDCARSLB0101M).
- Use tags "CES" or "Consumer Expenditure Survey."

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- Category
 - Production & Business Activity > Expenditures
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Filter by:	
Concepts	View All
Expenditures	(12,796)
Tax	(7,512)
Income	(7,257)
Consumer Unit	(5,230)
Education	(2,878)
Percentile	(2,200)
Persons	(1,879)
Percent	(1,876)
Services	(1,620)
Personal	(1,496)
Geography Types	
Nation	(17,922)
Census Region	(592)
Geographies	

Consumer Expenditure Surveys Sources > U.S. Bureau of Labor Statistics	益区
The Consumer Expenditure Surveys (CE) program provides data on expenditures, income, and demographic characteristics of the United States. CE data are primarily used to revise the relative importance of goods and services of the Consumer Price Index. Read More	
All Consumer Units (148)	
Tables by Different Characteristics (18,366)	
Add to Data List Add to Graph Add To Dashboard	Sort by Popularity -
Personal Taxes: Federal Income Taxes by Race: Black or African American	
U.S. Dollars, Annual, Not Seasonally Adjusted	1984 to 2021 (Sep 9)
Income Before Taxes: Wages and Salaries by Quintiles of Income Before Taxes: Lowest 20 Percent (1st to 20th Percentile)	



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Releases > Consumer Expenditure Surveys > Release Tables

Release Tables:

All Consumer Units

Expenditures (102)

Consumer Unit Characteristics (24)

Income and Taxes (15)

Assets and Liabilities, and Other Financial Information (7)

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Releases > Consumer Expenditure Surveys > Release Tables

Release Tables:

Tables by Different Characteristics

Age of Reference Person (1184)

Composition of Consumer Unit (1332)

Deciles of Income Before Taxes (1460)

Education Level of Reference Person (1144)

Generation of Reference Person (1168)

Highest Education Level of Any Member (1184)

Hispanic or Latino Origin of Reference Person (592)

Housing Tenure (592)

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EXPLORATORY ANALYSIS EXAMPLES



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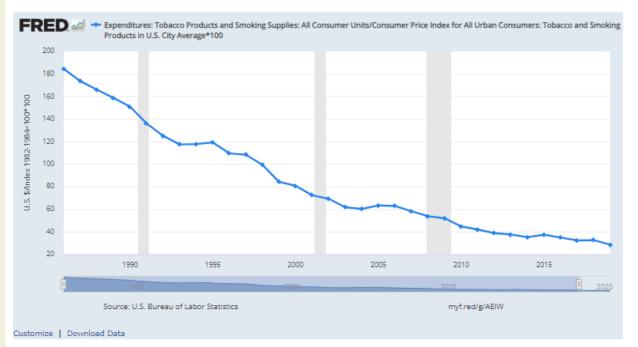


The FRED Blog

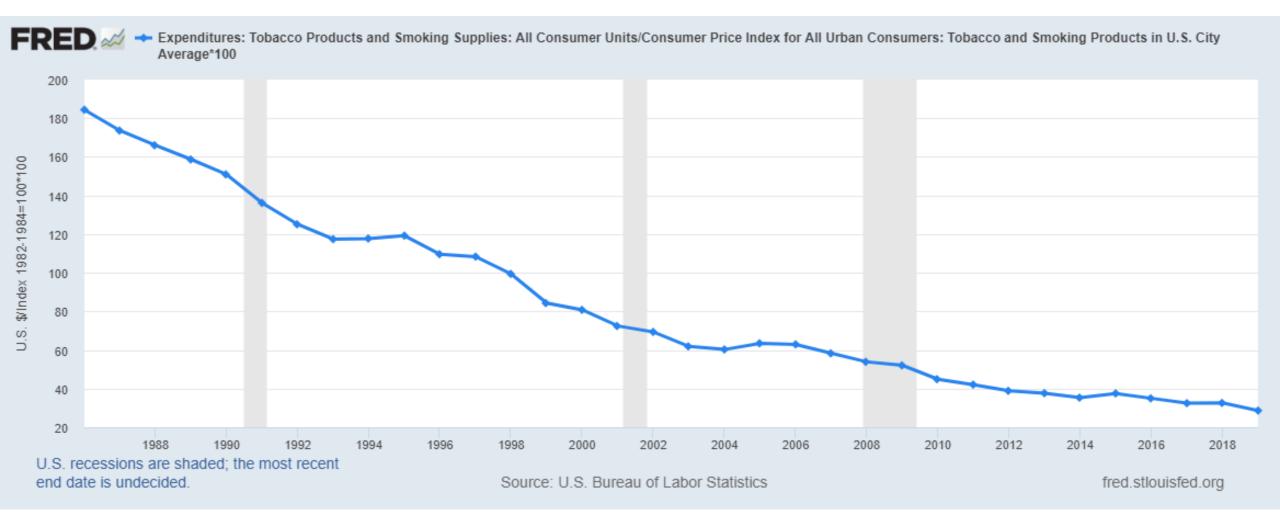
Spending on tobacco products and smoking supplies over time and across groups



Posted on February 8, 2021



Last week, we used data from the Consumer Expenditure Surveys to discuss changes in what people spend on reading materials. Here, we use the same data release to look at what people spend on tobacco products and smoking supplies.



https://fred.stlouisfed.org/graph/?g=F15e

How this graph was created

- Search for and select "Expenditures: Tobacco Products and Smoking Supplies: All Consumer Units."
- From the "Edit Graph" panel, use the "Edit Line 1" tab to customize the data by searching for and selecting "Consumer Price Index for All Urban Consumers: Tobacco and Smoking Products in U.S. City Average."
- Next, create a custom formula to combine the series by typing in "a/b*100" and clicking "Apply."



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The FRED Blog

The growing consumer appetite for fresh fruits

Farm fresh FRED data at your fingertips



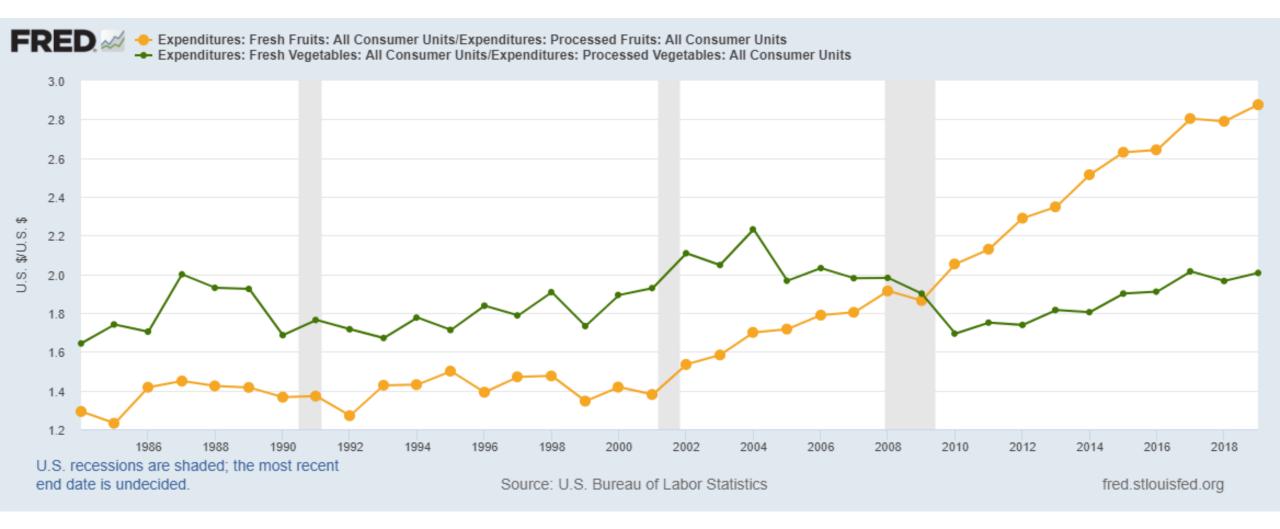




Posted on April 22, 2021



The FRED Blog makes every attempt to offer right-off-the-vine FRED data, from the prices paid by consumers for strawberries, grapes, and bananas to the prices received by producers for apples and oranges. And today's graph harvests a similar set of data with a focus on freshness.



https://fred.stlouisfed.org/graph/?g=B5fW

How this graph was created

- Search for and select "Expenditures: Fresh Fruits: All Consumer Units."
- From the "Edit Graph" panel, use the "Edit Line 1" tab to customize the data by searching for and selecting "Expenditures: Processed Fruits: All Consumer Units."
- Next, create a custom formula to combine the series by typing in a/b and clicking "Apply."
- For the second line, repeat the same steps with the series "Expenditures: Fresh Vegetables: All Consumer Units" and "Expenditures: Processed Vegetables: All Consumer Units."
- To change the line colors, use the choices in the "Format" tab.

CES Data

FROM THE FRED BLOG

Additional Examples

- https://fredblog.stlouisfed.org/2022/12/regional-consumption-expenditureson-fish-and-seafood/
- https://fredblog.stlouisfed.org/2021/11/adulting-and-life-insurance-purchases/
- https://fredblog.stlouisfed.org/2021/04/the-growing-consumer-appetite-forfresh-fruits/
- https://fredblog.stlouisfed.org/2021/04/consumer-spending-on-milk-andcookies/
- https://fredblog.stlouisfed.org/2021/02/spending-on-tobacco-products-andsmoking-supplies-over-time-and-across-groups/
- https://fredblog.stlouisfed.org/2021/02/what-the-young-and-old-spent-onreading-materials-2019-vs-1984/

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