



PGC2017
DAY 15
GREENEST

ECONOMY

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How We Calculated Our Budget -



This was an entirely new experience for us, calculating our living expenses and budget!

We used a **budgeting tool** and several online utility calculators to find **accurate estimates**.

Energy cost calculator

Electrical energy cost calculator and how to calculate.

Select country:

Typical appliance:

Power consumption:

Hours of use per day: h/day

Energy consumed per day: kWh/day

1 kilowatt-hour (kWh) cost:

Energy cost per day:

Energy cost per month:





Energy cost per year:

For a more **universal** and *more applicable* budget calculation, we also researched and used **national averages** to increase the validity of our estimates.

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Average monthly spending includes:

	Housing	\$944
	Transportation	\$527
	Food	\$408
	Health care	\$82
	Education	\$214
	Entertainment	\$113

Young adults are relatively frugal, spending less than their elders do in most categories. One thing they are spending on? Education.

USA.GOV

Average monthly budgets



WEEKLY BUDGET

- NEEDS -

Utility	~\$40
Rent/Mortgage/etc.	~\$200
Food & Drink	~\$120
Public Transportation	~\$35

- WANTS -

Morning Coffee	~\$15
Shopping/Clothing	~\$30
Hanging out with friends	~\$25
Television Services	~\$2
Newspaper Subscription	~\$3
Hygiene	~\$5
Miscellaneous	~\$10

- OTHER -

Charity Donations	~\$20
Pet Food/Services	~\$15
Housekeeping/Gardening	~\$15

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TOTAL: ~ \$535

HOW TO SAVE!

(While Lowering Environmental Impacts)

Buying Used Products	~\$10
Reduce Food Waste	~\$20
DIY/Making Things Ourselves	~\$10
Reducing Water Usage (<i>take shorter showers</i>)	~\$5
Reducing Electricity Electronics (<i>leave the lights off, unplug phantom electronics</i>)	~\$5
Buying Reusable Items (<i>reusable water bottle</i>)	~\$10

ANNUAL SAVINGS:

\$ 3,120

ENVIRONMENTAL IMPACTS!

We Revisited the **GRACE WATER FOOTPRINT CALCULATOR** and discovered that our steps to savings would save **HUNDREDS** of gallons of water **PER DAY**— By reducing shower times, eating out less, and buying used products, we could decrease the negative footprint on the environment **DRASTICALLY**. By using **reusable** products such as water bottles and decreasing our wants (Like buying coffee in the morning), we could also use *less* of our **Earth's Resources**.



The image shows a screenshot of the 'WATER FOOTPRINT CALCULATOR' website. The page has a light blue background with a large blue water drop graphic on the right side. Inside the drop are various icons representing different activities and products: a pineapple, a hamburger, a hot dog, a recycling symbol, a cow, a person, a shopping cart, a t-shirt, a car, a smartphone, a lightbulb, a washing machine, a water bottle, and a plug. On the left side of the page, there is a 'Get Started >' button and two bullet points: 'Learn about the water "hidden" in food, energy and the things you buy.' and 'Play with your answers to see how you can lower your footprint.' At the bottom left, the team information is listed: 'TEAM NAME: ECOHAWKS', 'USERNAME: ECOHAWKS', 'EMAIL: ECOHAWKS2017@GMAIL.COM', and 'SCHOOL: JERICHO HIGH SCHOOL'. At the bottom right, there are social media icons for Twitter, Facebook, Google+, and Email.

WATER FOOTPRINT[®]
CALCULATOR

[Get Started >](#)

- Learn about the water "hidden" in food, energy and the things you buy.
- Play with your answers to see how you can lower your footprint.

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