

### Household Eco-account Book

item	first month		second month	
	Amount used × Co2 emission coefficient = Co2 amount emitted	cost	Amount used × Co2 emission coefficient = Co2 amount emitted	cost
electricity (kwh)	(meter reading) × 0.36 = (kg)	yen	(meter reading) × 0.36 = (kg)	yen
gas (m3)	city gas (meter reading) × 2.1 = (kg)	yen	(meter reading) × 2.1 = (kg)	yen
	L P G (meter reading) × 6.3 = (kg)	yen	(meter reading) × 6.3 = (kg)	yen
water (m3)	(meter reading) × 0.58 = (kg)	yen	(meter reading) × 0.58 = (kg)	yen
lamp oil (l)	× 2.5 = (kg)	yen	× 2.5 = (kg)	yen
gasoline (l)	× 2.3 = (kg)	yen	× 2.3 = (kg)	yen
aluminum can	× 0.17 = (kg)		× 0.17 = (kg)	
steel can	× 0.04 = (kg)		× 0.04 = (kg)	
plastic bottle	× 0.07 = (kg)		× 0.07 = (kg)	
glass bottle	× 0.11 = (kg)		× 0.11 = (kg)	
paper container	× 0.16 = (kg)		× 0.16 = (kg)	
food tray	× 0.008 = (kg)		× 0.008 = (kg)	
trash (kg)	× 0.84 = (kg)		× 0.84 = (kg)	
total	(kg)	A yen	(kg)	B yen

monthly saving on family budget (B-A) yen

expected annual saving (B-A) × 12 = yen

### Household Eco-Accounting Tips

Japan's Ministry of the Environment offers residents in the country an easy-to-use booklet and Web site containing a table to calculate a household's carbon dioxide emissions. They also provide many tips on how to minimize environmental impacts and save money. The address is this:

<http://www.env.go.jp/en/ssee/account/table.html>

To illustrate, here is how to use the Household Eco-account Book:

- Check monthly consumption of electricity, gas and water on meters or monthly bills.
- Count the number of disposed aluminum cans, steel cans, plastic bottles, glass bottles, milk cartons and food trays (excluding those collected as recyclables), and fill in the amount in the column marked "amount used."
- Multiply the "amount used" by the CO<sub>2</sub> emission coefficient, and fill in the end result in the column marked "amount emitted." The total of this column shows the amount of CO<sub>2</sub> emissions from the household.
- Make entries for two months, aiming at a 10% reduction in CO<sub>2</sub> emissions. Householders may be able to reduce emissions by daily activities other than those items listed. Please exercise ingenuity in eco-life.
- In the column marked "cost," enter the amount of money on bills. As emissions decrease, one should see a corresponding reduction in costs.