

Sunday, July $16^{\text {th }}$ is National Ice Cream Day
In 2022, ice cream makers in the U.S. churned out more than 919.6 million gallons of ice cream."
https://www.statista.com/statistics/
"The average American eats roughly 20 pounds of ice cream each year, or about 4 gallons.

I love ice cream. At Baskin Robbins I usually get a small dish. I've read that a small dish contains about 2.5 ounces of ice cream.

1. If I am an "average" American, how many of those small dishes must I be eating every year?
2. How often must I be eating ice cream?
3. Does this seem reasonable to you?
4. If our calculations are correct, are you an "average" ice cream eater in America?
5. If not, how many gallons or pounds of ice cream do you figure that you eat in one year?

Actually, I don't think that I am an "average" American. I love ice cream and I probably eat a serving every single day. Probably once a week I even have two servings in a day.
6. How many pounds and gallons of ice cream must I be eating in a year?

Part II
I have a wicked old ice cream maker.
The recipe for making plain vanilla ice cream with my maker is the following;

2 cps heavy cream (1 pint)
2 cps light cream
1 cup sugar
1.5 tsp vanilla extract
$1 / 8 \mathrm{tsp}$ salt
Which supposedly makes two quarts of ice cream.
7. Do a little research to find the approximate cost of each of these ingredient and then total those costs to find how much you would
 spend for the ingredients to make 2 quarts of ice cream.
8. How much do two quarts of ice cream cost in the grocery store?
9. Is it cheaper to make your own or more expensive?
10. If it is more expensive, then why might someone want to make their own?

