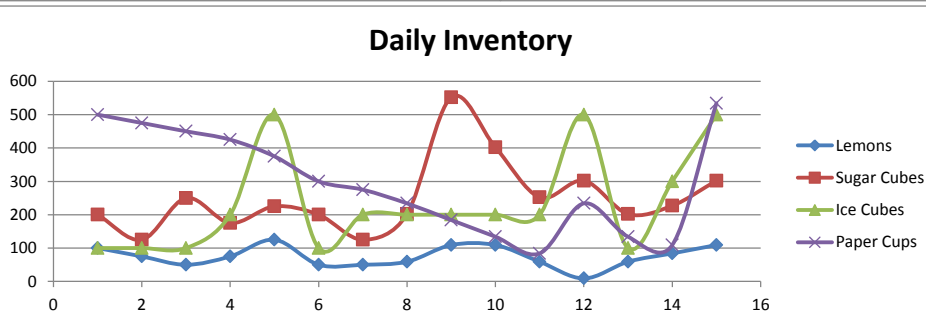
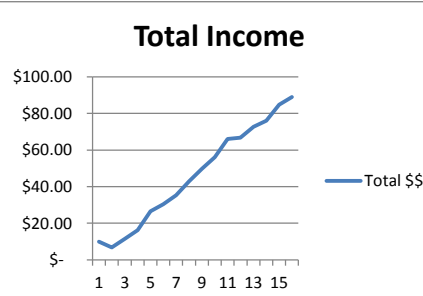
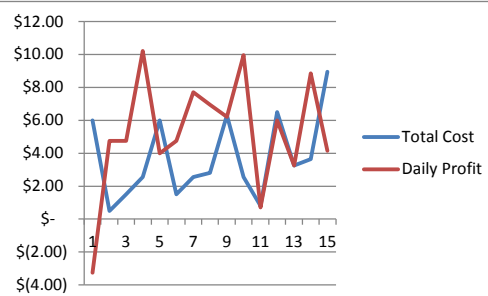


## Ms. Familiare's Lemonade Stand Inventory and Sales Analysis

Day	Weather	Lemons (1x)		Sugar Cubes (3x)		Ice Cubes (4x)		Paper Cups (1x)		Value for the day	Lemonade SOLD	DO NOT TOUCH		Total \$	Rent	Labor	Other expenses
		Cost \$	Total Amount #	Cost \$	Total Amount #	Cost \$	Total Amount #	Cost \$	Total Amount #			Total Cost	Daily Profit				
0	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ 10.00			
1	Cloudy	\$ 3.25	100	\$ 1.00	200	\$ 0.50	100	\$ 1.25	500	\$ 0.25	11	\$ 6.00	\$ (3.25)	\$ 6.75	\$ 0.50	\$ 1.00	\$ 0.30
2	Rain	\$ -	75	\$ -	125	\$ 0.50	100	\$ -	475	\$ 0.25	21	\$ 0.50	\$ 4.75	\$ 11.50	\$ 0.50	\$ 1.00	\$ 0.10
3	Cloudy	\$ -	50	\$ 1.00	250	\$ 0.50	100	\$ -	450	\$ 0.25	25	\$ 1.50	\$ 4.75	\$ 16.25	\$ 0.50	\$ 1.00	\$ 0.30
4	Sunny	\$ 1.75	75	\$ -	175	\$ 0.80	200	\$ -	425	\$ 0.25	51	\$ 2.55	\$ 10.20	\$ 26.45	\$ 0.50	\$ 1.00	\$ 0.60
5	Sunny	\$ 3.25	125	\$ 1.00	225	\$ 1.75	500	\$ -	375	\$ 0.20	50	\$ 6.00	\$ 4.00	\$ 30.45	\$ 0.50	\$ 1.00	\$ 0.80
6	Cloudy	\$ -	50	\$ 1.00	200	\$ 0.50	100	\$ -	300	\$ 0.25	25	\$ 1.50	\$ 4.75	\$ 35.20	\$ 0.50	\$ 1.00	\$ 0.60
7	Cloudy	\$ 1.75	50	\$ -	125	\$ 0.80	200	\$ -	275	\$ 0.25	41	\$ 2.55	\$ 7.70	\$ 42.90	\$ 0.50	\$ 1.00	\$ 0.80
8	Rain	\$ 1.00	59	\$ 1.00	202	\$ 0.80	200	\$ -	234	\$ 0.25	39	\$ 2.80	\$ 6.95	\$ 49.85	\$ 0.50	\$ 1.00	\$ 0.90
9	Sunny	\$ 3.25	109	\$ 2.25	552	\$ 0.80	200	\$ -	184	\$ 0.25	50	\$ 6.30	\$ 6.20	\$ 56.05	\$ 0.50	\$ 1.00	\$ 1.00
10	Cloudy	\$ 1.75	109	\$ -	402	\$ 0.80	200	\$ -	134	\$ 0.25	50	\$ 2.55	\$ 9.95	\$ 66.00	\$ 0.50	\$ 1.00	\$ 0.50
11	Storms	\$ -	59	\$ -	252	\$ 0.80	200	\$ -	84	\$ 0.25	6	\$ 0.80	\$ 0.70	\$ 66.70	\$ 0.50	\$ 1.00	\$ 0.30
12	Sunny	\$ 3.25	9	\$ 1.00	302	\$ 1.75	500	\$ 0.50	234	\$ 0.25	50	\$ 6.50	\$ 6.00	\$ 72.70	\$ 0.50	\$ 1.00	\$ 0.20
13	Rain	\$ 1.75	59	\$ 1.00	202	\$ 0.50	100	\$ -	134	\$ 0.25	26	\$ 3.25	\$ 3.25	\$ 75.95	\$ 0.50	\$ 1.00	\$ 0.50
14	Sunny	\$ 1.75	84	\$ 0.60	227	\$ 1.30	300	\$ -	109	\$ 0.25	50	\$ 3.65	\$ 8.85	\$ 84.80	\$ 0.50	\$ 1.00	\$ 0.60
15	Sunny	\$ 3.75	109	\$ 2.20	302	\$ 1.75	500	\$ 1.25	534	\$ 0.25	50	\$ 8.95	\$ 4.15	\$ 88.95	\$ 0.50	\$ 1.00	\$ 0.70
<b>Total</b>		<b>\$ 26.50</b>		<b>\$ 12.05</b>		<b>\$ 13.85</b>		<b>\$ 3.00</b>			<b>545</b>	<b>\$ 55.40</b>		<b>\$ 78.95</b>	<b>\$ 7.50</b>	<b>\$ 15.00</b>	<b>\$ 8.20</b>

Total Expenses \$ 70.40

Net Sales \$ 63.95



### During Business:

**Describe your initial results:** How were things going as you started this simulation?

**Analysis and Changes you made:** Describe what data you used to make changes in the way you were doing business. What business trade-offs did you consider when running your Lemonade Stand Business?

**Results after you made the changes:** Describe how effective your business decision turned out to be based on your data. What trade-offs would you re-consider?

### After Business Cost Analysis:

**Total Daily Cost vs. Daily Profit:** Describe the relationship you see in the graphs. What fluctuations do you see in your total daily cost vs. the daily profit? What do you think caused them? Indicate the specific days as a way to provide proof of your conclusion.

**Total Income:** Describe the "Total Income" trend. Give 3 reasons why it may look that way and what you would do different in the future. Indicate the specific days as a way to provide proof of your conclusion.

**Inventory:** How did inventory influence your sales? Describe the relationship you see between the products you have in stock and sales/losses. Indicate the specific days as a way to provide proof of your conclusion.