

Store Number	Sales	Stores with \geq \$1,000 in Sales
Store 1	\$1,000.25	1
Store 2	\$500.45	0
Store 3	\$2,304.32	1
Store 4	\$1,029.43	1
Store 5	\$910.46	0
Store 6	\$856.63	0
Store 7	\$123.06	0
Store 8	\$974.21	0
Store 9	\$810.95	0
Store 10	\$801.05	0
Store 11	\$589.64	0
Store 12	\$610.36	0
Store 13	\$929.01	0
Store 14	\$835.02	0
Store 15	\$2,146.30	1
Store 16	\$1,943.22	1
Store 17	\$777.64	0
Store 18	\$810.76	0
Store 19	\$774.22	0
Store 20	\$747.14	0

As a purveyor of the value-added food product "Silence of the Jams" you need to be judicious about which stores you supply with your jam. Suppose you currently sell to 20 stores. At a 5% level you want to test whether

- 1) The average amount of sales is \$1,000
- 2) The proportion of stores with at least \$1,000 in sales is less than .5