



### Paper Straw Analysis

Hula's Chinese Bar-B-Q, located in Chico, CA has gone straw-free since December of 2017 as part of Chico's #strawlesschallenge. The campaign is a positive and educational outreach to encourage business owners to ditch the straw and to change customer habits regarding single-use plastic. Hula's annual volume of 100,000 plastic straws has been converted to 100% paper straws, and they have changed their straw policy to straws only on demand. Other businesses might like to try stainless steel or bamboo straws as eco-friendly alternatives.

This simple template, created by Hula's owner, Linda Storey, can help you analyze actual costs you'll incur by making the switch and when you will break-even. Switching to paper will be more expensive, however, by offering straws on demand, you will eventually find a break-even point. In some cases, as shown in the table, you could even save some money. We believe that together we can make changes and create a healthy environment for the future – starting with the plastic straw. Thank you for doing your part!



Plastic Straws/yr	Cost .004 ea.	Paper Straws	Cost .027 ea.	%straw reduction	%straw usage	Additional Cost/yr.
<b>100,000</b>	\$400.00	100,000	\$2700.00	0%	100%	\$2300.00
		50,000	\$1350.00	50.0%	50.0%	\$950.00
		40,000	\$1080.00	60.0%	40.0%	\$680.00
		30,000	\$810.00	70.0%	30.0%	\$410.00
		20,000	\$540.00	80.0%	20.0%	\$140.00
		10,000	\$270.00	90.0%	10.0%	+\$130.00
		15,000	\$405.00	85%	15%	\$5.00
<b>50,000</b>	\$200.00	50,000	\$1350.00	0%	100%	\$1,150.00
		25,000	\$675.00	50.0%	50.0%	\$475.00
		20,000	\$540.00	60.0%	40.0%	\$340.00
		15,000	\$405.00	70.0%	30.0%	\$205.00
		10,000	\$270.00	80.0%	20.0%	\$70.00
		5,000	\$135.00	90.0%	10.0%	+\$65.00
		7,500	\$202.50	85%	15%	\$2.50