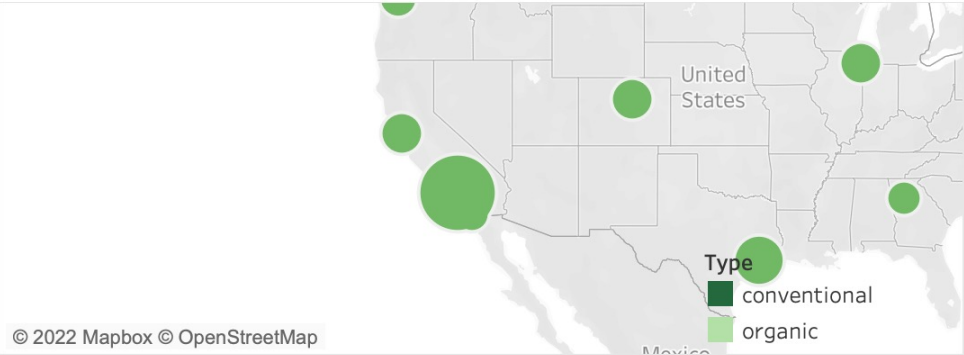


# Avocado Sales Volume Analysis & Price Forecast in U.S. by Regions

Type	Avg. Average Price	Total Sales	Total Volume
conventional	1.14	1,829,232,582	1,699,679,670
organic	1.67	92,053,597	58,717,367

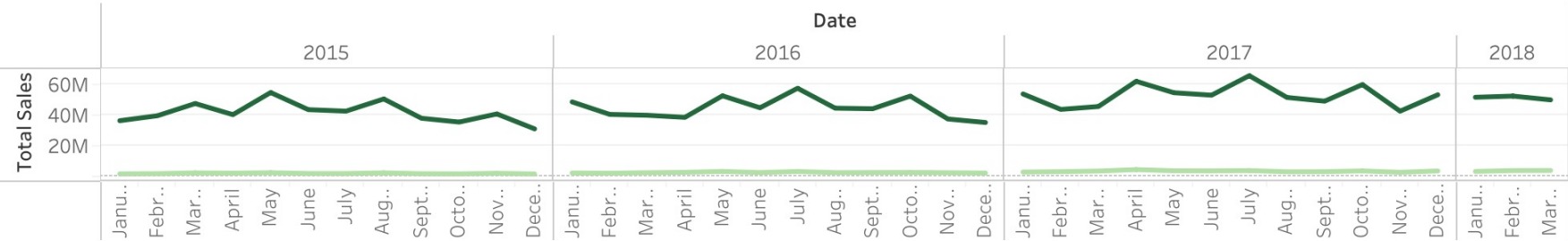
Sales volume by city



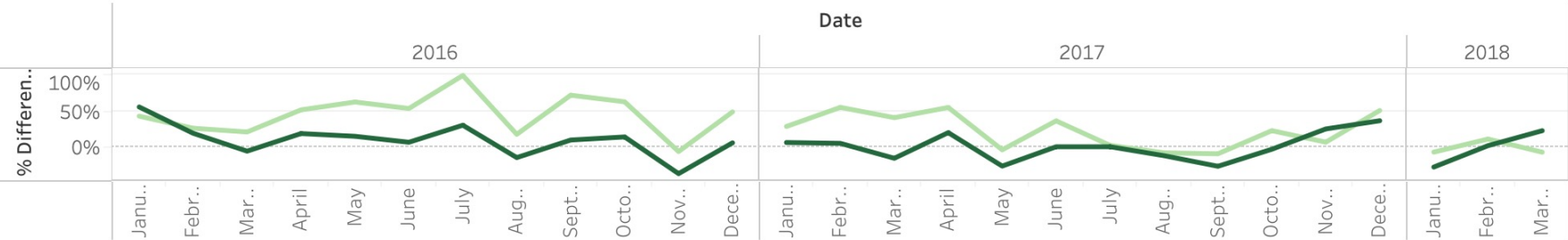
Descriptive Analytics:

- 1. The sales amount of Avocado is increasing across the year 2015 to year 2018.
- 2. The sales value of conventional type of avocado is drastically higher than the organic type of avocado(nearly double), and the sales volume of conventional avocado is nearly triple of the organic. The average price for conventional avocado is 1.14, and the average price of organic avocado is 1.67. The price difference, and the production volume difference might be reasons for the difference of sales amount.
- 3. The growth rate of sales volume is higher for organic type of avocado than the conventional type.

Sales evolution over time

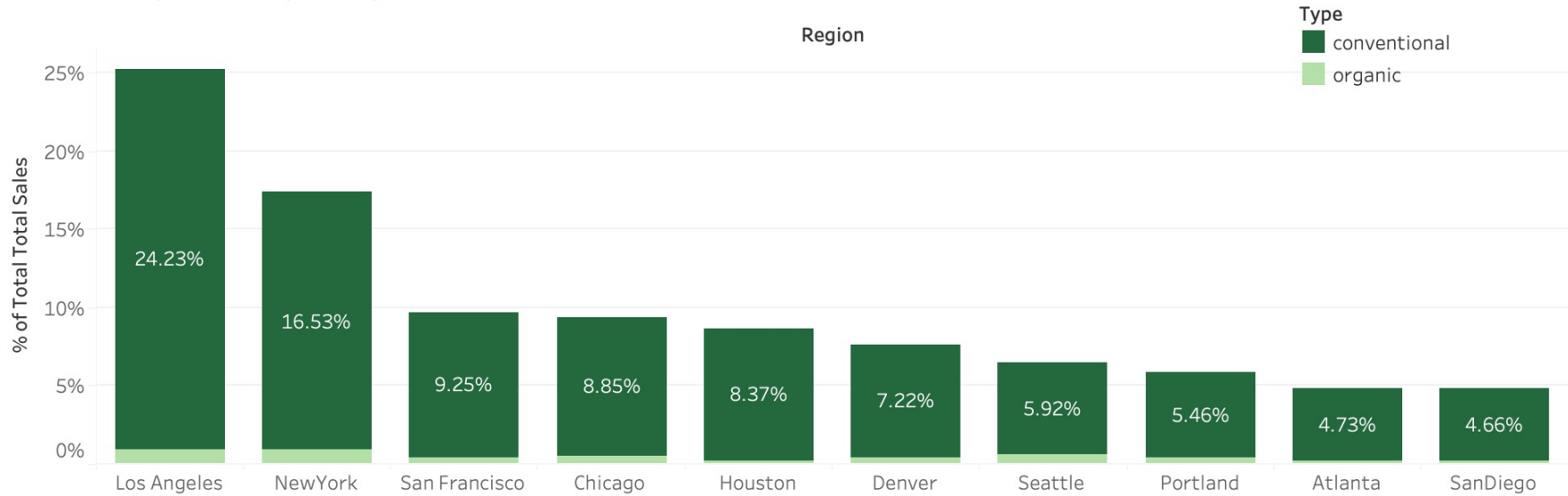


Growth rate by sales volume



# Avocado Sales Volume Analysis & Price Forecast in U.S. by Regions

Avocado Type Analysis by Sales value



Price forecast by volume (Top 10 city)

		Date													
Type	Region	2015												2016	
		Septem..	August	July	April	March	October	June	May	January	Novem..	February	Decemb..	Septem..	Au
conventional	Los Angeles	0.948	0.960	0.990	0.973	0.912	0.935	0.870	0.872	0.888	0.822	0.825	0.763	0.973	
	New York	1.180	1.140	1.275	1.425	1.336	1.185	1.320	1.354	1.290	1.106	1.290	1.180	1.463	
	Houston	0.868	0.902	0.788	0.808	0.802	0.848	0.705	0.774	0.758	0.752	0.743	0.750	0.818	
	Denver	1.013	1.130	1.163	1.128	1.070	0.930	1.158	1.144	1.023	0.908	1.000	0.905	1.015	
	San Francis..	1.503	1.568	1.515	1.320	1.172	1.423	1.470	1.256	1.113	1.090	1.073	1.120	1.458	
	Chicago	1.160	1.200	1.215	1.248	1.158	1.133	1.225	1.198	1.155	1.046	1.098	1.013	1.693	
	Portland	0.985	1.144	1.143	1.080	1.124	0.970	1.120	0.988	1.055	1.014	1.100	0.913	0.925	
	Seattle	1.078	1.158	1.258	1.228	1.180	1.018	1.238	1.116	1.123	1.074	1.123	1.025	1.048	
	San Diego	1.025	1.068	1.100	1.068	0.976	1.038	0.930	0.930	0.948	0.934	0.923	0.843	1.093	
	Atlanta	1.010	1.104	1.050	1.068	1.064	1.023	1.053	1.054	1.080	1.046	1.038	1.025	1.015	
organic	Los Angeles	1.585	1.578	1.535	1.405	1.316	1.608	1.448	1.396	1.213	1.352	1.300	1.173	1.395	
	New York	2.105	2.184	2.093	2.063	1.962	2.088	2.145	2.046	2.015	1.880	2.000	1.845	2.228	