

Statutory Background

"Average market rate" means the average price, as determined by the department on a quarterly basis, of all unprocessed retail marijuana that is sold or transferred from retail marijuana cultivation facilities in the state to retail marijuana product manufacturing facilities or retail marijuana stores, less taxes paid on the sales or transfers.



Statutory Background

An "average market rate" may be based on the purchaser or transferee of unprocessed retail marijuana or on the nature of the unprocessed retail marijuana that is sold or transferred. The "average market rate" must include one or more rates that cover unprocessed marijuana that is allocated to extractions, and the initial rates for these product types must be lower than the rate for unprocessed marijuana that is allocated for direct sale to consumers.



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Average Market Rates (AMRs)

The AMRs are the median market prices for each category of unprocessed retail marijuana and are used to calculate the retail mariuana excise tax under certain conditions.

The Department of Revenue calculates AMRs quarterly using the previous three months of transfers that originated from retail marijuana cultivators and were recorded in the Marijuana Enforcement Tracking Reporting Compliance system or METRC.

Average Market Rate For Unprocessed

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Retail Marijuana Website



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AMR Methodology

For each item transferred, prices per pound or unit were calculated using the receiver price and received weight/quantity. Then, for each category, the AMR is determined by the **median price per pound or unit** of all the included transfers.

Median: the middle value when the values are ordered from least to greatest.

Since the July 2017 AMR, the Department has used the median as the AMR instead of the mean.



Current & Prior Retail Marijuana Average Market Rates

Average Market Rate as of:	Bud (\$/lb)	Trim (\$/lb)	Bud Allocated for Extraction (\$/lb)	Trim Allocated for Extraction (\$/lb)	Immature Plant (\$/ea)	Wet Whole Plant (\$/lb)	Seed (\$/ea)	Contaminated Product Allocated for Extraction (\$/lb)
July 1, 2023	\$703	\$300	\$ <mark>14</mark> 3	\$41	\$13	\$82	\$9	N/A
April 1, 2023	\$649	\$253	\$405	\$51	\$13	\$81	\$8	N/A
January 1, 2023	\$658	\$253	\$350	\$61	\$13	\$101	\$9	N/A
October 1, 2022	\$658	\$249	\$277	\$76	\$13	\$126	\$4	N/A
July 1, 2022	\$709	\$227	\$275	\$120	<mark>\$12</mark>	\$123	\$4	N/A
April 1, 2022	\$799	\$275	\$228	\$180	\$10	\$130	\$4	N/A
January 1, 2022	\$948	\$354	\$345	\$253	<mark>\$10</mark>	\$172	\$4	N/A
October 1, 2021	\$1,316	\$425	\$405	\$302	\$10	\$181	\$3	N/A



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Average Market Rate - Methodology

2022 AMR Data Analysis

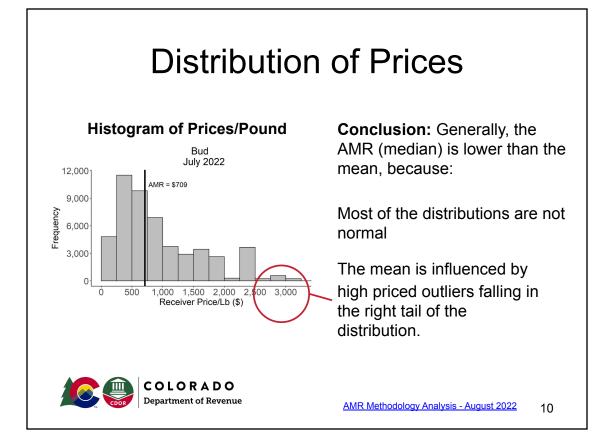
Goal: Help stakeholders understand the retail marijuana AMR methodology using median prices, mean prices, frequency tables, and histograms

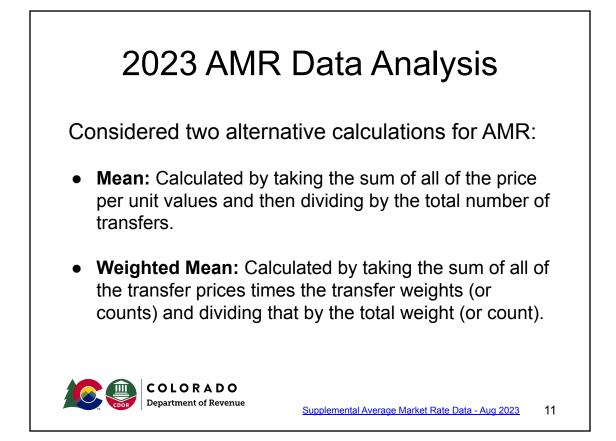
Histograms are visualizations of the frequencies of prices per pound (or count). The shape of the histogram data shows you the overall distribution of the prices in the dataset.





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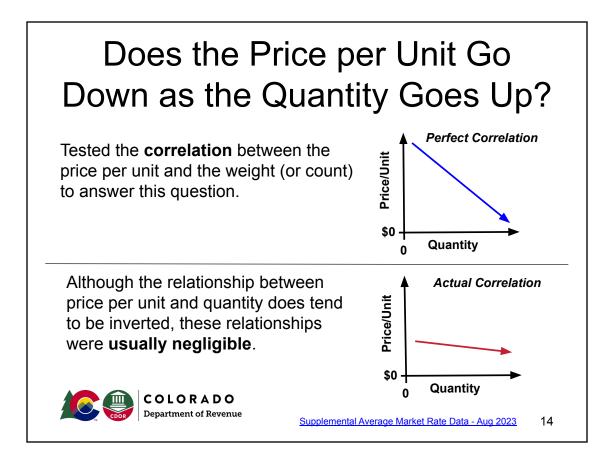


Co	m	าล	rison	ofC	alcula	ations	
00	1.1.1	Ju			alouic		
July 2023 ((tran	efo	rs from l	March 1	- May 31)		
-	(11 411				• •		
Statistic	Bud	Trim	Bud Extract	Trim Extract	Immature Plant	Wet Whole Plant	Seed
Median (AMR)	\$703	\$300	\$143	\$41	\$13	\$82	\$
Mean	\$919	\$467	\$349	\$70	\$13	\$87	\$
	COCE	¢270	\$1,237	\$373	\$295	\$512	\$17
Weighted Mean	\$965	2012	ψ1,201	4010			• •••

• Weighted mean has the highest values



The Median is Robust The median tends to be less volatile over time because it is not influenced by outliers or skewed data. Bud AMR Median (AMR) Mean Weighted Mean Oct 2022 \$934 \$962 \$658 Jan 2023 \$658 \$928 \$1.152 \$910 Apr 2023 \$649 \$909 \$703 \$965 Jul 2023 \$919 COLORADO Department of Revenue Supplemental Average Market Rate Data - Aug 2023 13



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