

## 2024 Trend Listing Companion

This document describes the columns in the trend listings issued by Property Tax Data & Analysis. Additional information on the study can be found in the [2024 Sales Ratio Criteria](#). Counties can contact their PTCO or Data & Analysis with any questions regarding the trend listings.

Excel Column	Column Name	Description and Codes
<b>Trend Info</b>		
Columns A- J describe the trend applied to each trend city/town and property type aggregate region, if any. Data & Analysis begins calculating preliminary trends in October.		
<b>A</b>	County Code	Two-digit county code.
<b>B</b>	County Name	Name of County in Column A.
<b>C</b>	City-Town Code	Four-digit city / township code.
<b>D</b>	City-Town Name	Name of city / township.
<b>E</b>	Water Status	Describes whether the sale is considered on- or off-water for the purposes of calculating trends and ratios. Applies to PT91 sales only <ul style="list-style-type: none"> <li>• W: On-water</li> <li>• N: Off-water</li> <li>• (Blank): Water status not considered</li> </ul>
<b>F</b>	PT Aggregation	PT aggregations are groups of property types combined for the purposes of calculating trends and ratios. <ul style="list-style-type: none"> <li>• 2: Apartment</li> <li>• 6: Commercial</li> <li>• 7: Industrial</li> <li>• 91: Residential/SRR</li> <li>• 93: Ag/RVL bare &gt; 34.5 Acres</li> </ul>
<b>G</b>	PT Aggregation Name	Name of PT Aggregation in Column F.

Excel Column	Column Name	Description and Codes
H	Applied Monthly Trend	The monthly trend applied to the sale prices. $\text{Natural Log} \left( \frac{\text{Net Sales Price}}{2023 \text{ Adjusted EMV}} \right) = \beta_0 + \beta_1 \text{Study Month} + \varepsilon$
I	Applied Annual Trend	The annualized compounded trend from column H. $\text{Annual Trend} = (1 + \text{Monthly Trend})^{12} - 1$
J	Trend Type Applied	Describes which trend, if any, is applied to the sale. Base: Base region trend Default: Default region trend Alt Default: Water sales default to combined on/off water trend APPEAL: Trend was successfully appealed and new trend applied None: No time trend applied
<b>Base Region Trend Data</b>		
Columns K-P are the base trend values. Base trend is considered before default.		
K	Base Code	A unique DOR code for the base trend region.
L	Base Region	The name of the region for which the base trend is calculated.
M	Base Significance	The statistical significance for a trend in the base region. If under 90%, the base trend will not be applied.
N	Base Sale Count Without Extremes	Count of sales in base region. If fewer than 30 sales in base region, the base trend will not be applied.
O	Base Monthly Trend	The base monthly trend.
P	Base Annual Trend	The annualized compounded base monthly trend from column O.
<b>Default Region Trend Data</b>		
Columns Q-V are the default trend values. Default trends are considered only if there is not a base trend.		
Q	Default Code	A unique DOR code for the default trend region.
R	Default Region	The name of the region for which the default trend is calculated.

<b>Excel Column</b>	<b>Column Name</b>	<b>Description and Codes</b>
<b>S</b>	Default Significance	The statistical significance for a trend in the default region. If under 90%, the default trend will not be applied.
<b>T</b>	Default Sale Count Without Extremes	Count of sales in default region. If fewer than 30 sales in default region, the default trend will not be applied.
<b>U</b>	Default Monthly Trend	The default monthly trend.
<b>V</b>	Default Annual Trend	The annualized compounded monthly default trend from column U.

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