$\underline{M} \underline{E} \underline{M} \underline{O} \underline{R} \underline{A} \underline{N} \underline{D} \underline{U} \underline{M}$
April 17, 2020

TO: County assessors and other users of Idaho Ratio Study information

FROM: Alan S. Dornfest<br>Property Tax Policy Bureau Chief

RE: 2019 Ratio Study
This ratio study was completed in March, 2020, and generally used sales which occurred between October 1, 2018 and September 30, 2019, to test 2019 assessments. In cases where there were limited samples, this time frame was expanded to include sales occurring several months on either side of the initial date parameters.

The 2019 study represents the twelfth study completed using the procedures authorized under the provisions of property tax rule 131. Under these provisions, a maximum of only five primary categories are subject to initial testing. As was done previously, assessment level is tested with $90 \%$ confidence intervals. However, county reports contain a notation indicating any categories which would have failed to meet assessment level requirements using $80 \%$ confidence intervals. Categories failing tests based on $90 \%$ confidence intervals are subject to state equalization in 2020, unless 2020 assessed values indicate acceptable level after completion of follow-up ratio studies. If $90 \%$ confidence intervals overlap acceptable ranges, categories not meeting assessment level standards based only on $80 \%$ confidence intervals will not be subject to state equalization until this test is failed in three ratio studies. Nine categories in seven counties did not meet the $80 \%$ confidence interval requirements. However, none of these had unacceptable $80 \%$ confidence intervals for three years. More complete procedural information is found in the current Idaho Ratio Study Manual.

The 2019 ratio study shows 19 primary categories in 17 counties that did not meet assessment level standards using $90 \%$ confidence intervals. In the 2018 study, there had been 24 noncomplying categories in nineteen counties. Prior to state board of equalization recommendations, follow-up studies will be done to test 2020 assessments in the categories that did not meet assessment level standards. Counties will receive notification of compliance status following completion of this year's assessments and finalization of assessments by the county board of equalization.

In 2019, $24.5 \%$ of all categories tested failed general uniformity standards based on the COD, while $55.1 \%$ failed vertical equity (price-related differential) standards. In addition, $2.0 \%$ of all categories failed to meet IAAO standards using the newer PRB (price-related bias) statistic. The
number failing to meet general uniformity standards based on the COD and vertical equity standards based on the PRD and PRB was less than that noted in the 2018 study.

The number of categories studied this year (148) was slightly lower than the number analyzed in 2018. At least one primary category was studied in each county. Total sales volume was down $3.1 \%$ from the peak in 2018.

## Analysis:

Statewide overall median levels of assessment were similar in 2018 and 2019. Uniformity statistics improved in all categories except vacant residential, in comparison to 2018. Results are skewed somewhat by results in large counties where sales volume has been high. Non compliance with assessment level standards remained widespread, but occurred in fewer counties overall than in 2018.

Time adjustments were considered in each category and used when appropriate in the 2019 ratio study to ensure that sales prices and assessed values both represented market value as of January 1, 2019.

Primary categories or counties with fewer than five sales are not formally tested and are not included in this report.

## Attached documents

The following documents are attached to this report to provide the user with both detailed statistical reports and a summary of the final 2018 Idaho ratio study:

1. Chart I summary of sales received;
2. Chart II summary of statistical results;
3. Bar chart showing 2018-2019 level by primary category;
4. Bar chart showing 2018-2019 uniformity by primary category;
5. Statewide statistics by county for each primary category.

| Chart I <br> 2019 Ratio Study Summary <br> Sales Received |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Category | Counties Studied | Totals |  | $\begin{gathered} \hline \text { Changes } \\ \text { 2018/2019: } \\ \hline \end{gathered}$ |  |
|  |  | 2019 | 2018 | Number | Percent |
| Residential: |  |  |  |  |  |
| Improved | 44 | 33,235 | 34,126 | (891) | -2.6\% |
| Unimproved | 42 | 3,198 | 3,431 | (233) | -6.8\% |
| Commercial: |  |  |  |  |  |
| Improved | 29 | 755 | 872 | (117) | -13.4\% |
| Unimproved | 10 | 159 | 187 | (28) | -15.0\% |
| Manufactured Homes: |  |  |  |  |  |
| Manufactured Housing without land | 23 | 915 | 885 | 30 | 3.4\% |
| Totals: | 148 | 38,262 | 39,501 | $(1,239)$ | -3.1\% |


| Chart II <br> 2019 Final Ratio Study - Summary of Results |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Category | Counties <br> Studied | Number in Sample | Assessment Level: |  | Uniformity: |  |
|  |  |  | Median | Mean | COD | PRD |
| Residential: |  |  |  |  |  |  |
| Improved | 44 | 33,235 | 94.71 | 94.02 | 9.13 | 1.00 |
| Unimproved | 42 | 3,198 | 91.67 | 92.07 | 21.13 | 1.04 |
| Commercial: |  |  |  |  |  |  |
| Improved | 29 | 755 | 91.42 | 91.02 | 18.64 | 1.04 |
| Unimproved | 10 | 159 | 88.27 | 85.80 | 23.36 | 1.06 |
| Manufactured Housing: |  |  |  |  |  |  |
| Manufactured Housing | 23 | 915 | 92.13 | 96.37 | 30.56 | 1.07 |
| Totals: | 148 | 38,262 |  |  |  |  |

## 2018-2019 Ratio Study Level



Based on median ratio using all sales in each category

## 2018-2019 Ratio Study Uniformity

Coefficient of Dispersion (COD) (\%)


[^0]| County | Sales Count | $\frac{\text { Total Assessed }}{\text { Value (\$) }}$ | $\frac{\text { Total Sales Price }}{\text { or Value (\$) }}$ | $\frac{\text { Mean }}{\text { Ratio }}$ | $\frac{\text { Median }}{\text { Ratio }}$ | Geometric <br> Mean Ratio | Weighted Mean Ratio | Price <br> Related Differential | $\frac{\frac{\text { Coefficient of }}{\text { Dispersion }}}{\text { (COD) }}$ | $\frac{\frac{\text { Coefficient }}{\text { of Variation }}}{\text { (COV) }}$ | $\frac{\text { Probability }}{\text { of 90/110\% }}$ <br> Actual Mean |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ADA | 267 | 50,703,600 | 54,859,379 | 93.19\% | 95.39\% | 90.48\% | 92.42\% | 1.01 | 16.18\% | 22.14\% | 99.41\% |
| ADAMS | 54 | 2,174,541 | 2,531,850 | 102.26\% | 94.99\% | 95.15\% | 85.89\% | 1.19 | 30.84\% | 37.06\% | 92.56\% |
| BANNOCK | 56 | 3,451,609 | 4,091,218 | 86.70\% | 86.40\% | 84.14\% | 84.37\% | 1.03 | 17.08\% | 23.38\% | 11.12\% |
| BEARLAKE | 46 | 3,265,079 | 4,078,199 | 83.72\% | 85.53\% | 81.39\% | 80.06\% | 1.05 | 17.75\% | 23.11\% | 1.36\% |
| BENEWAH | 39 | 1,467,311 | 1,645,324 | 95.56\% | 92.59\% | 91.96\% | 89.18\% | 1.07 | 22.19\% | 29.50\% | 89.00\% |
| BINGHAM | 10 | 378,454 | 418,823 | 92.94\% | 91.02\% | 92.48\% | 90.36\% | 1.03 | 7.92\% | 10.75\% | 81.17\% |
| BLAINE | 114 | 34,476,091 | 37,825,609 | 92.79\% | 94.36\% | 91.14\% | 91.14\% | 1.02 | 13.44\% | 18.51\% | 95.82\% |
| BOISE | 193 | 9,768,828 | 10,624,701 | 98.38\% | 99.01\% | 93.54\% | 91.94\% | 1.07 | 23.45\% | 30.54\% | 99.99\% |
| BONNER | 198 | 22,573,284 | 24,960,250 | 94.39\% | 94.83\% | 90.38\% | 90.44\% | 1.04 | 22.23\% | 28.27\% | 98.96\% |
| BONNEVILLE | 90 | 4,966,702 | 5,674,636 | 91.90\% | 92.11\% | 88.90\% | 87.52\% | 1.05 | 18.14\% | 24.93\% | 78.23\% |
| BOUNDARY | 35 | 1,382,640 | 1,751,730 | 84.91\% | 85.44\% | 81.75\% | 78.93\% | 1.08 | 20.52\% | 27.14\% | 9.51\% |
| BUTTE | 7 | 147,743 | 154,147 | 111.01\% | 101.01\% | 106.70\% | 95.85\% | 1.16 | 26.45\% | 29.89\% | 39.66\% |
| CAMAS | 13 | 357,347 | 369,225 | 100.04\% | 96.43\% | 99.13\% | 96.78\% | 1.03 | 10.48\% | 14.57\% | 97.08\% |
| CANYON | 318 | 26,148,450 | 29,988,925 | 91.56\% | 92.89\% | 88.94\% | 87.19\% | 1.05 | 18.19\% | 23.47\% | 90.15\% |
| CARIBOU | 12 | 162,820 | 170,257 | 107.77\% | 99.10\% | 103.27\% | 95.63\% | 1.13 | 27.26\% | 29.73\% | 55.26\% |
| CASSIA | 6 | 254,844 | 328,500 | 87.54\% | 89.77\% | 85.75\% | 77.58\% | 1.13 | 18.55\% | 21.77\% | 36.52\% |
| CLARK |  |  |  |  |  |  |  |  |  |  |  |
| CLEARWATER | 13 | 418,652 | 542,747 | 88.81\% | 83.41\% | 83.78\% | 77.14\% | 1.15 | 26.17\% | 34.09\% | 43.14\% |
| CUSTER | 30 | 2,257,460 | 2,681,551 | 90.20\% | 82.79\% | 84.31\% | 84.18\% | 1.07 | 33.11\% | 37.90\% | 51.13\% |
| ELMORE | 22 | 830,103 | 1,009,783 | 89.40\% | 85.00\% | 87.69\% | 82.21\% | 1.09 | 17.10\% | 20.80\% | 44.03\% |
| FRANKLIN |  |  |  |  |  |  |  |  |  |  |  |
| FREMONT | 109 | 5,902,668 | 6,885,717 | 95.33\% | 90.27\% | 89.31\% | 85.72\% | 1.11 | 29.75\% | 34.75\% | 95.25\% |
| GEM | 22 | 983,919 | 1,618,365 | 60.50\% | 60.22\% | 59.05\% | 60.80\% | 1.00 | 18.67\% | 23.71\% | 0.00\% |
| GOODING | 31 | 1,011,103 | 1,136,623 | 95.10\% | 96.67\% | 85.85\% | 88.96\% | 1.07 | 31.82\% | 43.27\% | 73.32\% |
| IDAHO | 42 | 2,317,551 | 2,492,974 | 98.93\% | 97.62\% | 93.52\% | 92.96\% | 1.06 | 27.02\% | 34.41\% | 93.80\% |
| JEFFERSON | 77 | 2,804,779 | 3,641,786 | 81.49\% | 82.19\% | 79.56\% | 77.02\% | 1.06 | 16.52\% | 21.70\% | Approx. 100\% |
| JEROME | 5 | 222,436 | 363,500 | 65.57\% | 67.31\% | 64.31\% | 61.19\% | 1.07 | 12.97\% | 20.32\% | 0.67\% |
| KOOTENAI | 503 | 72,371,829 | 80,610,569 | 93.62\% | 92.94\% | 90.21\% | 89.78\% | 1.04 | 19.21\% | 26.10\% | 99.95\% |
| LATAH | 36 | 2,238,144 | 2,609,600 | 89.03\% | 91.90\% | 85.46\% | 85.77\% | 1.04 | 21.41\% | 28.09\% | 40.52\% |
| LEMHI | 57 | 1,021,979 | 1,229,598 | 89.04\% | 85.61\% | 82.53\% | 83.11\% | 1.07 | 29.39\% | 39.16\% | 41.68\% |
| LEWIS | 7 | 99,922 | 121,000 | 84.65\% | 82.96\% | 83.05\% | 82.58\% | 1.03 | 17.17\% | 20.41\% | 21.79\% |
| LINCOLN | 7 | 228,240 | 302,000 | 82.78\% | 80.00\% | 78.91\% | 75.58\% | 1.10 | 25.68\% | 32.46\% | 23.37\% |
| MADISON | 35 | 1,582,087 | 1,827,507 | 88.52\% | 97.62\% | 83.88\% | 86.57\% | 1.02 | 20.37\% | 28.42\% | 36.32\% |
| MINIDOKA | 15 | 576,034 | 785,500 | 76.46\% | 73.52\% | 73.69\% | 73.33\% | 1.04 | 22.49\% | 27.55\% | 1.30\% |
| NEZPERCE | 44 | 3,257,047 | 3,555,771 | 96.21\% | 92.30\% | 93.89\% | 91.60\% | 1.05 | 17.15\% | 21.93\% | 97.44\% |
| ONEIDA | 8 | 284,784 | 337,900 | 85.85\% | 89.58\% | 85.19\% | 84.28\% | 1.02 | 8.90\% | 12.86\% | 16.16\% |
| OWYHEE | 12 | 610,958 | 595,500 | 103.55\% | 107.16\% | 98.54\% | 102.60\% | 1.01 | 21.68\% | 28.90\% | 69.20\% |
| PAYETTE | 32 | 1,542,253 | 1,937,997 | 85.11\% | 79.25\% | 80.82\% | 79.58\% | 1.07 | 29.75\% | 32.84\% | 15.87\% |
| POWER | 5 | 136,125 | 181,500 | 84.90\% | 70.19\% | 82.36\% | 75.00\% | 1.13 | 22.92\% | 29.31\% | 29.16\% |
| SHOSHONE | 46 | 933,646 | 1,364,885 | 74.29\% | 62.80\% | 68.69\% | 68.40\% | 1.09 | 38.70\% | 42.01\% | Approx. 100\% |
| TETON | 77 | 4,930,065 | 5,033,802 | 96.69\% | 92.96\% | 94.84\% | 97.94\% | 0.99 | 14.18\% | 19.63\% | 99.87\% |
| TWINFALLS | 212 | 13,775,154 | 15,164,822 | 93.37\% | 90.77\% | 90.70\% | 90.84\% | 1.03 | 18.20\% | 24.24\% | 98.46\% |
| VALLEY | 269 | 20,367,086 | 24,618,691 | 88.77\% | 88.05\% | 84.50\% | 82.73\% | 1.07 | 24.55\% | 30.80\% | 22.97\% |
| WASHINGTON | 24 | 957,258 | 1,091,400 | 94.30\% | 96.13\% | 90.65\% | 87.71\% | 1.08 | 19.79\% | 26.89\% | 78.99\% |
| STATEWIDE | 3,198 | 303,340,625 | 341,213,861 | 92.07\% | 91.67\% | 88.34\% | 88.90\% | 1.04 | 21.13\% | 27.90\% | Approx.100\% |


| County | $\frac{\text { Mean Lower }}{\text { Confidence }}$ Interval (90\%) | $\begin{aligned} & \frac{\text { Mean Upper }}{\text { Confidence }} \\ & \text { Interval }(90 \%) \end{aligned}$ | Median Lower <br> Confidence Interval (90\%) | Median <br> Upper <br> Confidence <br> Interval (90\%) | Weighted Mean Lower Confidence Interval (90\%) | Weighted Mean Upper Confidence Interval (90\%) | Distribution | $\frac{\text { Average Sale }}{\text { Price or }}$ <br> Value (\$) | PRB | $\begin{aligned} & \frac{\text { Lower }}{95 \% \text { Cl }} \\ & \frac{\text { on PRB }}{\text { on }} \end{aligned}$ | $\begin{aligned} & \frac{\text { Upper }}{95 \% \text { Cl }} \\ & \text { on PRB } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ADA | 91.11\% | 95.27\% | 92.35\% | 97.05\% | 90.18\% | 94.67\% | Normal | 205,466 | 0.0187 | -0.0107 | 0.0482 |
| ADAMS | 93.77\% | 110.74\% | 89.62\% | 107.69\% | 76.90\% | 94.88\% | Normal | 46,886 | -0.2195 | -0.3354 | -0.1037 |
| BANNOCK | 82.24\% | 91.16\% | 83.65\% | 90.75\% | 78.98\% | 89.75\% | Normal | 73,057 | 0.0350 | -0.0400 | 0.1101 |
| BEARLAKE | 79.02\% | 88.41\% | 76.75\% | 91.41\% | 72.98\% | 87.15\% | Normal | 88,657 | -0.0159 | -0.0642 | 0.0323 |
| BENEWAH | 88.13\% | 102.98\% | 82.16\% | 99.81\% | 83.93\% | 94.44\% | Non-Normal | 42,188 | -0.0656 | -0.1449 | 0.0137 |
| BINGHAM | 87.15\% | 98.73\% | 86.24\% | 100.34\% | 86.25\% | 94.48\% | Normal | 41,882 | -0.1045 | -0.1977 | -0.0112 |
| BLAINE | 90.14\% | 95.43\% | 92.20\% | 95.68\% | 86.85\% | 95.44\% | Normal | 331,804 | 0.0066 | -0.0157 | 0.0290 |
| BOISE | 94.82\% | 101.93\% | 93.06\% | 102.06\% | 87.61\% | 96.28\% | Non-Normal | 55,050 | -0.0331 | -0.0814 | 0.0153 |
| BONNER | 91.27\% | 97.51\% | 90.43\% | 98.91\% | 86.37\% | 94.50\% | Normal | 126,062 | -0.0111 | -0.0496 | 0.0274 |
| BONNEVILLE | 87.93\% | 95.88\% | 89.78\% | 95.65\% | 83.23\% | 91.82\% | Normal | 63,052 | -0.0529 | -0.1489 | 0.0430 |
| BOUNDARY | 78.50\% | 91.31\% | 77.17\% | 90.53\% | 71.88\% | 85.98\% | Normal | 50,049 | -0.0717 | -0.1525 | 0.0091 |
| BUTTE | 86.65\% | 135.38\% | 73.57\% | 146.02\% | 72.74\% | 118.95\% | Normal | 22,021 | -0.2996 | -0.6254 | 0.0262 |
| CAMAS | 92.84\% | 107.24\% | 91.83\% | 107.35\% | 91.32\% | 102.25\% | Normal | 28,402 | -0.0777 | -0.1974 | 0.0420 |
| CANYON | 89.58\% | 93.55\% | 89.31\% | 95.08\% | 84.86\% | 89.53\% | Non-Normal | 94,305 | -0.0669 | -0.1022 | -0.0317 |
| CARIBOU | 91.16\% | 124.38\% | 82.41\% | 138.64\% | 81.36\% | 109.90\% | Normal | 14,188 | -0.4161 | -0.7005 | -0.1317 |
| CASSIA | 71.86\% | 103.22\% | 66.28\% | 106.45\% | 62.26\% | 92.90\% | Normal | 54,750 | -0.0788 | -0.2898 | 0.1321 |
| CLARK |  |  |  |  |  |  |  |  |  |  |  |
| CLEARWATER | 73.85\% | 103.77\% | 77.77\% | 107.27\% | 61.06\% | 93.21\% | Normal | 41,750 | -0.1566 | -0.3298 | 0.0167 |
| CUSTER | 79.60\% | 100.81\% | 69.43\% | 97.52\% | 69.54\% | 98.83\% | Normal | 89,385 | -0.0109 | -0.1286 | 0.1068 |
| ELMORE | 82.57\% | 96.22\% | 77.46\% | 93.94\% | 73.80\% | 90.61\% | Normal | 45,899 | -0.1194 | -0.2287 | -0.0100 |
| FRANKLIN |  |  |  |  |  |  |  |  |  |  |  |
| FREMONT | 90.11\% | 100.55\% | 83.41\% | 102.48\% | 78.71\% | 92.74\% | Normal | 63,172 | -0.0274 | -0.1017 | 0.0469 |
| GEM | 55.24\% | 65.76\% | 49.27\% | 66.08\% | 56.10\% | 65.50\% | Non-Normal | 73,562 | 0.0488 | -0.1049 | 0.2025 |
| GOODING | 82.56\% | 107.64\% | 79.45\% | 99.38\% | 77.46\% | 100.45\% | Normal | 36,665 | -0.0378 | -0.1240 | 0.0484 |
| IDAHO | 90.29\% | 107.57\% | 85.62\% | 102.85\% | 83.56\% | 102.36\% | Normal | 59,357 | -0.0041 | -0.1478 | 0.1397 |
| JEFFERSON | 78.17\% | 84.80\% | 77.70\% | 86.96\% | 72.98\% | 81.06\% | Normal | 47,296 | -0.1027 | -0.1915 | -0.0139 |
| JEROME | 52.87\% | 78.27\% | 46.09\% | 76.52\% | 43.62\% | 78.77\% | Normal | 72,700 | -0.1349 | -0.4582 | 0.1885 |
| KOOTENAI | 91.83\% | 95.41\% | 91.56\% | 95.24\% | 86.74\% | 92.82\% | Non-Normal | 160,260 | 0.0031 | -0.0170 | 0.0231 |
| LATAH | 82.17\% | 95.88\% | 80.76\% | 98.27\% | 78.43\% | 93.10\% | Normal | 72,489 | -0.0121 | -0.0798 | 0.0555 |
| LEMHI | 81.44\% | 96.64\% | 78.16\% | 95.86\% | 75.41\% | 90.82\% | Non-Normal | 21,572 | -0.0458 | -0.1051 | 0.0136 |
| LEWIS | 71.96\% | 97.34\% | 68.34\% | 101.75\% | 72.05\% | 93.11\% | Normal | 17,286 | -0.0289 | -0.1966 | 0.1388 |
| LINCOLN | 63.05\% | 102.51\% | 60.51\% | 116.74\% | 59.16\% | 91.99\% | Normal | 43,143 | -0.1861 | -0.6347 | 0.2625 |
| MADISON | 81.53\% | 95.52\% | 86.31\% | 99.44\% | 79.48\% | 93.66\% | Normal | 52,214 | 0.1499 | -0.0561 | 0.3558 |
| MINIDOKA | 66.88\% | 86.04\% | 65.53\% | 90.46\% | 64.94\% | 81.73\% | Normal | 52,367 | -0.0243 | -0.1853 | 0.1367 |
| NEZPERCE | 90.98\% | 101.44\% | 88.35\% | 100.12\% | 85.88\% | 97.32\% | Normal | 80,813 | -0.1095 | -0.1930 | -0.0260 |
| ONEIDA | 78.46\% | 93.25\% | 73.19\% | 92.95\% | 74.91\% | 93.65\% | Normal | 42,238 | -0.0102 | -0.2010 | 0.1807 |
| OWYHEE | 88.03\% | 119.07\% | 88.19\% | 123.40\% | 87.53\% | 117.66\% | Normal | 49,625 | 0.1332 | -0.1046 | 0.3711 |
| PAYETTE | 76.98\% | 93.23\% | 66.60\% | 97.58\% | 72.51\% | 86.65\% | Normal | 60,562 | -0.1182 | -0.3109 | 0.0744 |
| POWER | 61.17\% | 108.63\% | 67.31\% | 121.68\% | 64.07\% | 85.93\% | Normal | 36,300 | -0.1086 | -0.4789 | 0.2616 |
| SHOSHONE | 66.72\% | 81.86\% | 59.97\% | 74.13\% | 59.28\% | 77.53\% | Non-Normal | 29,671 | 0.0379 | -0.1463 | 0.2220 |
| TETON | 93.13\% | 100.24\% | 91.08\% | 96.62\% | 91.09\% | 104.79\% | Non-Normal | 65,374 | 0.0434 | -0.0244 | 0.1112 |
| TWINFALLS | 90.81\% | 95.92\% | 88.40\% | 94.32\% | 88.25\% | 93.42\% | Non-Normal | 71,532 | -0.0541 | -0.0922 | -0.0161 |
| VALLEY | 86.03\% | 91.52\% | 84.53\% | 90.64\% | 79.58\% | 85.89\% | Non-Normal | 91,519 | -0.0418 | -0.0783 | -0.0052 |
| WASHINGTON | 85.43\% | 103.18\% | 88.40\% | 103.01\% | 76.50\% | 98.92\% | Normal | 45,475 | -0.1346 | -0.3734 | 0.1042 |
| STATEWIDE | 91.32\% | 92.81\% | 90.91\% | 92.39\% | 87.83\% | 89.97\% | Non-Normal | 106,696 | -0.0012 | -0.0059 | 0.0035 |

- Vacant Residential Properties


| County | Sales Count | $\frac{\text { Total Assessed }}{\text { Value (\$) }}$ | Total Sales Price or Value (\$) | $\frac{\text { Mean }}{\text { Ratio }}$ | $\frac{\text { Median }}{\text { Ratio }}$ | Geometric Mean Ratio | Weighted Mean Ratio | Price <br> Related Differential | $\frac{\text { Coefficient of }}{\frac{\text { Dispersion }}{(C O D)}}$ | $\frac{\frac{\text { Coefficient }}{\text { of Variation }}}{\text { (COV) }}$ | Probability of 90/110\% Actual Mean |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ADA | 12,371 | 4,427,727,500 | 4,537,942,719 | 97.76\% | 98.28\% | 97.28\% | 97.57\% | 1.00 | 6.83\% | 9.71\% | Approx.100\% |
| ADAMS | 66 | 13,699,715 | 15,799,839 | 94.23\% | 83.67\% | 89.66\% | 86.71\% | 1.09 | 28.55\% | 34.31\% | 85.54\% |
| BANNOCK | 1,069 | 196,767,275 | 207,730,491 | 94.80\% | 94.73\% | 93.95\% | 94.72\% | 1.00 | 10.32\% | 13.41\% | Approx.100\% |
| BEARLAKE | 73 | 14,769,752 | 16,950,361 | 87.79\% | 87.68\% | 86.86\% | 87.14\% | 1.01 | 11.91\% | 14.64\% | 6.94\% |
| BENEWAH | 52 | 6,116,980 | 7,103,175 | 92.69\% | 89.11\% | 87.60\% | 86.12\% | 1.08 | 27.06\% | 35.92\% | 71.89\% |
| BINGHAM | 146 | 26,020,343 | 27,782,654 | 94.77\% | 94.76\% | 94.10\% | 93.66\% | 1.01 | 9.41\% | 11.93\% | Approx.100\% |
| BLAINE | 701 | 433,295,359 | 486,804,348 | 90.06\% | 90.87\% | 89.36\% | 89.01\% | 1.01 | 9.42\% | 12.30\% | 55.57\% |
| BOISE | 253 | 59,597,325 | 64,803,491 | 92.39\% | 91.53\% | 90.21\% | 91.97\% | 1.00 | 17.00\% | 21.93\% | 96.93\% |
| BONNER | 479 | 166,880,630 | 175,888,863 | 93.92\% | 93.56\% | 92.47\% | 94.88\% | 0.99 | 13.40\% | 17.36\% | Approx.100\% |
| BONNEVILLE | 1,828 | 378,315,686 | 422,846,618 | 89.15\% | 89.60\% | 88.44\% | 89.47\% | 1.00 | 9.62\% | 12.46\% | Approx. 100\% |
| BOUNDARY | 85 | 13,049,300 | 16,660,291 | 81.88\% | 79.91\% | 79.55\% | 78.33\% | 1.05 | 18.62\% | 24.59\% | Approx. 100\% |
| BUTTE | 12 | 1,286,135 | 1,540,915 | 86.22\% | 86.58\% | 84.85\% | 83.47\% | 1.03 | 14.42\% | 18.67\% | 21.63\% |
| CAMAS | 17 | 2,236,467 | 2,396,682 | 92.04\% | 94.07\% | 91.53\% | 93.32\% | 0.99 | 6.71\% | 10.28\% | 80.62\% |
| CANYON | 5,482 | 1,322,245,980 | 1,410,794,220 | 93.51\% | 93.47\% | 93.14\% | 93.72\% | 1.00 | 6.75\% | 8.85\% | Approx.100\% |
| CARIBOU | 37 | 5,095,764 | 5,556,840 | 91.29\% | 89.26\% | 90.55\% | 91.70\% | 1.00 | 10.57\% | 12.91\% | 74.54\% |
| CASSIA | 119 | 20,573,106 | 22,756,682 | 90.95\% | 88.04\% | 90.25\% | 90.40\% | 1.01 | 9.72\% | 12.91\% | 81.06\% |
| CLARK | 5 | 343,550 | 490,000 | 72.99\% | 69.99\% | 72.00\% | 70.11\% | 1.04 | 16.10\% | 18.54\% | 2.25\% |
| CLEARWATER | 58 | 8,561,579 | 9,892,909 | 88.69\% | 87.56\% | 86.52\% | 86.54\% | 1.02 | 18.35\% | 22.30\% | 30.50\% |
| CUSTER | 87 | 11,715,410 | 13,496,377 | 94.81\% | 85.84\% | 90.55\% | 86.80\% | 1.09 | 26.29\% | 31.93\% | 93.06\% |
| ELMORE | 430 | 69,338,305 | 75,219,600 | 92.06\% | 92.83\% | 90.96\% | 92.18\% | 1.00 | 10.72\% | 15.20\% | 99.87\% |
| FRANKLIN | 169 | 30,597,493 | 35,737,926 | 85.82\% | 83.97\% | 84.51\% | 85.62\% | 1.00 | 14.21\% | 17.37\% | Approx. 100\% |
| FREMONT | 124 | 30,683,795 | 34,853,289 | 90.82\% | 90.00\% | 88.38\% | 88.04\% | 1.03 | 17.34\% | 22.75\% | 67.00\% |
| GEM | 219 | 44,943,228 | 48,861,179 | 92.59\% | 92.09\% | 91.39\% | 91.98\% | 1.01 | 12.72\% | 16.12\% | 99.48\% |
| GOODING | 172 | 22,618,203 | 27,353,736 | 84.76\% | 82.13\% | 82.86\% | 82.69\% | 1.03 | 17.31\% | 22.09\% | Approx. 100\% |
| IDAHO | 132 | 20,381,586 | 22,746,439 | 92.27\% | 90.15\% | 90.64\% | 89.60\% | 1.03 | 15.87\% | 19.42\% | 92.65\% |
| JEFFERSON | 281 | 66,218,191 | 74,634,596 | 88.71\% | 89.91\% | 88.09\% | 88.72\% | 1.00 | 8.67\% | 11.49\% | 1.70\% |
| JEROME | 97 | 17,211,206 | 18,765,923 | 93.56\% | 92.30\% | 91.70\% | 91.72\% | 1.02 | 15.17\% | 20.41\% | 96.64\% |
| KOOTENAI | 4,339 | 1,425,518,287 | 1,565,748,869 | 91.40\% | 91.84\% | 90.92\% | 91.04\% | 1.00 | 7.65\% | 10.18\% | Approx.100\% |
| LATAH | 376 | 90,458,723 | 98,833,591 | 91.48\% | 92.33\% | 90.32\% | 91.53\% | 1.00 | 11.63\% | 15.39\% | 97.88\% |
| LEMHI | 111 | 19,111,980 | 20,821,062 | 92.06\% | 92.78\% | 89.92\% | 91.79\% | 1.00 | 14.83\% | 21.09\% | 86.65\% |
| LEWIS | 49 | 6,229,025 | 6,808,504 | 93.26\% | 88.15\% | 90.46\% | 91.49\% | 1.02 | 20.78\% | 25.42\% | 83.15\% |
| LINCOLN | 20 | 2,411,590 | 3,229,300 | 73.97\% | 75.41\% | 71.94\% | 74.68\% | 0.99 | 18.36\% | 23.61\% | 0.03\% |
| MADISON | 267 | 50,276,478 | 60,294,917 | 83.70\% | 85.43\% | 82.91\% | 83.38\% | 1.00 | 10.16\% | 13.42\% | Approx. 100\% |
| MINIDOKA | 191 | 31,406,660 | 33,521,311 | 93.50\% | 94.00\% | 92.22\% | 93.69\% | 1.00 | 12.63\% | 16.41\% | 99.90\% |
| NEZPERCE | 497 | 102,330,557 | 111,466,165 | 92.16\% | 91.56\% | 91.51\% | 91.80\% | 1.00 | 8.86\% | 11.80\% | Approx.100\% |
| ONEIDA | 42 | 5,647,430 | 6,295,822 | 92.07\% | 89.75\% | 90.06\% | 89.70\% | 1.03 | 17.12\% | 21.80\% | 74.54\% |
| OWYHEE | 83 | 15,958,534 | 20,124,049 | 77.63\% | 77.60\% | 75.94\% | 79.30\% | 0.98 | 15.88\% | 19.96\% | Approx. 100\% |
| PAYETTE | 321 | 61,148,925 | 67,035,228 | 93.12\% | 93.39\% | 91.10\% | 91.22\% | 1.02 | 15.22\% | 20.99\% | 99.79\% |
| POWER | 42 | 5,126,605 | 6,132,138 | 84.74\% | 82.49\% | 83.43\% | 83.60\% | 1.01 | 14.22\% | 17.61\% | 1.10\% |
| SHOSHONE | 265 | 32,202,720 | 36,633,164 | 90.15\% | 88.92\% | 87.56\% | 87.91\% | 1.03 | 19.33\% | 24.28\% | 54.38\% |
| TETON | 31 | 13,301,554 | 14,272,352 | 94.47\% | 93.67\% | 94.08\% | 93.20\% | 1.01 | 7.27\% | 9.36\% | 99.75\% |
| TWINFALLS | 1,527 | 318,918,250 | 341,898,558 | 93.39\% | 94.43\% | 92.27\% | 93.28\% | 1.00 | 10.98\% | 15.05\% | Approx.100\% |
| VALLEY | 359 | 132,081,330 | 151,940,493 | 86.22\% | 85.97\% | 84.71\% | 86.93\% | 0.99 | 14.92\% | 18.41\% | Approx. 100\% |
| WASHINGTON | 151 | 21,536,350 | 23,213,495 | 94.41\% | 92.55\% | 93.15\% | 92.78\% | 1.02 | 12.78\% | 16.44\% | 99.97\% |
| STATEWIDE | 33,235 | 9,743,954,861 | 10,353,679,178 | 94.02\% | 94.71\% | 96.55\% | 94.11\% | 1.00 | 9.13\% | 12.66\% | Approx.100\% |


| County | $\begin{array}{\|c} \frac{\text { Mean Lower }}{\text { Confidence }} \\ \hline \text { Interval }(90 \%) \\ \hline \end{array}$ | $\begin{aligned} & \frac{\text { Mean Upper }}{\text { Confidence }} \\ & \text { Interval }(90 \%) \end{aligned}$ | Median Lower <br> Confidence Interval (90\%) | Median <br> Upper <br> ConfidenceInterval (90\%) | Weighted Mean Lower Confidence Interval (90\%) | Weighted Mean Upper Confidence Interval (90\%) | Distribution | Average Sale <br> $\frac{\text { Price or }}{\text { Value (\$) }}$ | PRB | $\begin{aligned} & \frac{\text { Lower }}{} \\ & \frac{95 \% \text { Cl }}{\text { on PRB }} \end{aligned}$ | $\begin{aligned} & \frac{\text { Upper }}{95 \% \text { Cl }} \\ & \text { on PRB } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ADA | 97.62\% | 97.90\% | 98.15\% | 98.41\% | 97.38\% | 97.76\% | Non-Normal | 366,821 | 0.0212 | 0.0180 | 0.0244 |
| ADAMS | 87.69\% | 100.78\% | 79.92\% | 92.39\% | 82.08\% | 91.34\% | Non-Normal | 239,391 | -0.0907 | -0.1780 | -0.0033 |
| BANNOCK | 94.16\% | 95.44\% | 93.99\% | 95.50\% | 94.01\% | 95.44\% | Non-Normal | 194,322 | 0.0200 | 0.0068 | 0.0331 |
| BEARLAKE | 85.31\% | 90.26\% | 84.91\% | 91.12\% | 83.66\% | 90.61\% | Normal | 232,197 | -0.0051 | -0.0420 | 0.0319 |
| BENEWAH | 85.09\% | 100.28\% | 79.28\% | 95.52\% | 80.08\% | 92.15\% | Non-Normal | 136,600 | -0.0788 | -0.2101 | 0.0525 |
| BINGHAM | 93.23\% | 96.31\% | 92.18\% | 96.00\% | 92.12\% | 95.19\% | Normal | 190,292 | -0.0229 | -0.0532 | 0.0074 |
| BLAINE | 89.37\% | 90.75\% | 89.74\% | 91.69\% | 87.78\% | 90.24\% | Normal | 694,443 | 0.0005 | -0.0074 | 0.0084 |
| BOISE | 90.30\% | 94.49\% | 88.58\% | 93.27\% | 89.75\% | 94.18\% | Non-Normal | 256,140 | 0.0180 | -0.0124 | 0.0484 |
| BONNER | 92.69\% | 95.14\% | 92.29\% | 94.83\% | 93.32\% | 96.44\% | Non-Normal | 367,200 | 0.0408 | 0.0216 | 0.0600 |
| BONNEVILLE | 88.72\% | 89.58\% | 89.23\% | 90.19\% | 88.98\% | 89.96\% | Non-Normal | 231,317 | 0.0425 | 0.0331 | 0.0519 |
| BOUNDARY | 78.29\% | 85.47\% | 75.66\% | 83.61\% | 75.14\% | 81.51\% | Non-Normal | 196,003 | -0.1346 | -0.2193 | -0.0498 |
| BUTTE | 77.87\% | 94.56\% | 73.05\% | 93.85\% | 73.72\% | 93.21\% | Normal | 128,410 | -0.0150 | -0.1382 | 0.1083 |
| CAMAS | 88.03\% | 96.04\% | 90.06\% | 96.58\% | 90.04\% | 96.59\% | Normal | 140,981 | 0.0053 | -0.0381 | 0.0487 |
| CANYON | 93.32\% | 93.69\% | 93.24\% | 93.67\% | 93.51\% | 93.94\% | Non-Normal | 257,350 | 0.0368 | 0.0320 | 0.0415 |
| CARIBOU | 88.10\% | 94.48\% | 87.49\% | 94.61\% | 87.75\% | 95.65\% | Normal | 150,185 | 0.0056 | -0.0393 | 0.0506 |
| CASSIA | 89.18\% | 92.72\% | 86.38\% | 90.53\% | 88.75\% | 92.06\% | Non-Normal | 191,233 | -0.0132 | -0.0463 | 0.0200 |
| CLARK | 60.09\% | 85.89\% | 60.33\% | 88.78\% | 57.78\% | 82.44\% | Normal | 98,000 | -0.2472 | -0.7137 | 0.2193 |
| CLEARWATER | 84.42\% | 92.96\% | 81.65\% | 93.33\% | 80.88\% | 92.21\% | Normal | 170,567 | -0.0071 | -0.0763 | 0.0621 |
| CUSTER | 89.47\% | 100.15\% | 82.04\% | 89.96\% | 82.40\% | 91.21\% | Non-Normal | 155,131 | -0.1206 | -0.1979 | -0.0434 |
| ELMORE | 90.95\% | 93.17\% | 92.34\% | 93.55\% | 91.05\% | 93.31\% | Non-Normal | 174,929 | 0.0515 | 0.0276 | 0.0753 |
| FRANKLIN | 83.94\% | 87.71\% | 82.27\% | 87.52\% | 83.83\% | 87.40\% | Non-Normal | 211,467 | 0.0500 | -0.0034 | 0.1033 |
| FREMONT | 87.77\% | 93.87\% | 86.62\% | 92.54\% | 84.38\% | 91.70\% | Normal | 281,075 | -0.0198 | -0.0576 | 0.0180 |
| GEM | 90.93\% | 94.25\% | 89.46\% | 93.57\% | 90.17\% | 93.79\% | Non-Normal | 223,110 | 0.0148 | -0.0233 | 0.0529 |
| GOODING | 82.41\% | 87.11\% | 79.81\% | 84.51\% | 80.36\% | 85.02\% | Non-Normal | 159,033 | -0.0417 | -0.0882 | 0.0049 |
| IDAHO | 89.71\% | 94.84\% | 86.49\% | 93.28\% | 87.16\% | 92.05\% | Non-Normal | 172,322 | -0.0327 | -0.0738 | 0.0083 |
| JEFFERSON | 87.71\% | 89.72\% | 89.03\% | 90.92\% | 87.63\% | 89.82\% | Normal | 265,604 | 0.0401 | 0.0183 | 0.0620 |
| JEROME | 90.37\% | 96.75\% | 89.17\% | 96.09\% | 88.58\% | 94.85\% | Non-Normal | 193,463 | -0.0281 | -0.0902 | 0.0340 |
| KOOTENAI | 91.17\% | 91.64\% | 91.61\% | 92.12\% | 90.70\% | 91.39\% | Non-Normal | 360,855 | 0.0079 | 0.0030 | 0.0127 |
| LATAH | 90.28\% | 92.67\% | 90.74\% | 93.60\% | 90.34\% | 92.71\% | Normal | 262,855 | 0.0450 | 0.0208 | 0.0692 |
| LEMHI | 89.03\% | 95.09\% | 90.18\% | 95.03\% | 88.70\% | 94.88\% | Normal | 187,577 | 0.0178 | -0.0293 | 0.0649 |
| LEWIS | 87.68\% | 98.83\% | 83.77\% | 95.45\% | 86.63\% | 96.34\% | Non-Normal | 138,949 | 0.0114 | -0.0772 | 0.1000 |
| LINCOLN | 67.22\% | 80.72\% | 63.52\% | 81.53\% | 68.77\% | 80.58\% | Normal | 161,465 | 0.1464 | -0.0319 | 0.3246 |
| MADISON | 82.57\% | 84.83\% | 83.74\% | 86.38\% | 82.15\% | 84.62\% | Normal | 225,824 | 0.0260 | -0.0030 | 0.0550 |
| MINIDOKA | 91.67\% | 95.32\% | 92.33\% | 95.23\% | 92.06\% | 95.33\% | Normal | 175,504 | 0.0361 | -0.0007 | 0.0729 |
| NEZPERCE | 91.36\% | 92.97\% | 90.54\% | 92.57\% | 91.03\% | 92.58\% | Normal | 224,278 | 0.0014 | -0.0168 | 0.0197 |
| ONEIDA | 86.98\% | 97.17\% | 83.92\% | 95.55\% | 84.91\% | 94.49\% | Normal | 149,901 | -0.0681 | -0.1646 | 0.0285 |
| OWYHEE | 74.83\% | 80.43\% | 74.33\% | 81.33\% | 76.08\% | 82.52\% | Normal | 242,458 | 0.0790 | 0.0274 | 0.1307 |
| PAYETTE | 91.33\% | 94.92\% | 91.90\% | 94.66\% | 89.50\% | 92.93\% | Non-Normal | 208,832 | -0.0216 | -0.0576 | 0.0145 |
| POWER | 80.95\% | 88.52\% | 78.81\% | 88.94\% | 80.00\% | 87.20\% | Normal | 146,003 | 0.0167 | -0.0604 | 0.0939 |
| SHOSHONE | 87.94\% | 92.36\% | 86.86\% | 91.79\% | 85.79\% | 90.02\% | Non-Normal | 138,238 | -0.0050 | -0.0451 | 0.0352 |
| TETON | 91.77\% | 97.16\% | 91.90\% | 97.39\% | 90.09\% | 96.31\% | Normal | 460,398 | -0.0201 | -0.0757 | 0.0356 |
| TWINFALLS | 92.80\% | 93.98\% | 93.87\% | 94.97\% | 92.70\% | 93.85\% | Non-Normal | 223,902 | 0.0276 | 0.0164 | 0.0387 |
| VALLEY | 84.84\% | 87.60\% | 84.40\% | 87.75\% | 85.07\% | 88.79\% | Normal | 423,233 | 0.0399 | 0.0208 | 0.0590 |
| WASHINGTON | 92.34\% | 96.49\% | 91.26\% | 95.16\% | 90.42\% | 95.13\% | Normal | 153,732 | -0.0251 | -0.0629 | 0.0127 |
| STATEWIDE | 93.91\% | 94.12\% | 94.61\% | 94.83\% | 93.98\% | 94.24\% | Non-Normal | 311,529 | 0.0149 | 0.0132 | 0.0166 |

- Improved Residential Properties


| County | Sales Count | $\frac{\text { Total Assessed }}{\underline{\text { Value (\$) }}}$ | $\frac{\text { Total Sales Price }}{\text { or Value (\$) }}$ | $\frac{\text { Mean }}{\text { Ratio }}$ | $\frac{\text { Median }}{\underline{\text { Ratio }}}$ | Geometric <br> Mean Ratio | Weighted Mean Ratio | Price <br> Related Differential | $\frac{\text { Coefficient of }}{\frac{\text { Dispersion }}{\text { (COD) }}}$ | $\frac{\frac{\text { Coefficient }}{\text { of Variation }}}{\text { (COV) }}$ | $\begin{aligned} & \frac{\text { Probability }}{\text { of } 90 / 110 \%} \\ & \text { Actual Mean } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ADA | 224 | 11,739,000 | 12,617,646 | 95.02\% | 93.73\% | 90.89\% | 93.04\% | 1.02 | 21.94\% | 28.41\% | 99.73\% |
| ADAMS |  |  |  |  |  |  |  |  |  |  |  |
| BANNOCK | 76 | 1,525,779 | 1,519,310 | 113.34\% | 110.00\% | 105.76\% | 100.43\% | 1.13 | 28.87\% | 36.11\% | 23.89\% |
| BEARLAKE |  |  |  |  |  |  |  |  |  |  |  |
| BENEWAH |  |  |  |  |  |  |  |  |  |  |  |
| BINGHAM | 5 | 98,231 | 99,795 | 95.04\% | 99.67\% | 94.24\% | 98.43\% | 0.97 | 10.20\% | 14.53\% | 73.31\% |
| BLAINE | 9 | 117,580 | 161,500 | 98.67\% | 77.30\% | 77.93\% | 72.80\% | 1.36 | 65.04\% | 64.96\% | 34.70\% |
| BOISE |  |  |  |  |  |  |  |  |  |  |  |
| BONNER | 18 | 1,859,018 | 1,710,619 | 112.33\% | 109.63\% | 107.46\% | 108.68\% | 1.03 | 20.56\% | 30.75\% | 38.21\% |
| BONNEVILLE | 34 | 644,060 | 714,240 | 102.09\% | 98.41\% | 94.41\% | 90.17\% | 1.13 | 33.51\% | 39.44\% | 83.48\% |
| BOUNDARY |  |  |  |  |  |  |  |  |  |  |  |
| BUTTE |  |  |  |  |  |  |  |  |  |  |  |
| CAMAS |  |  |  |  |  |  |  |  |  |  |  |
| CANYON | 156 | 3,167,100 | 3,896,172 | 99.67\% | 85.22\% | 88.79\% | 81.29\% | 1.23 | 45.29\% | 49.23\% | 98.88\% |
| CARIBOU |  |  |  |  |  |  |  |  |  |  |  |
| CASSIA | 12 | 143,410 | 173,850 | 88.87\% | 84.97\% | 84.81\% | 82.49\% | 1.08 | 20.64\% | 31.11\% | 43.35\% |
| CLARK |  |  |  |  |  |  |  |  |  |  |  |
| CLEARWATER |  |  |  |  |  |  |  |  |  |  |  |
| CUSTER |  |  |  |  |  |  |  |  |  |  |  |
| ELMORE | 7 | 13,222 | 16,100 | 98.62\% | 100.00\% | 88.08\% | 82.12\% | 1.20 | 32.54\% | 43.77\% | 43.60\% |
| FRANKLIN | 12 | 358,350 | 396,336 | 96.10\% | 101.42\% | 94.85\% | 90.42\% | 1.06 | 9.14\% | 15.56\% | 9035.00\% |
| FREMONT | 9 | 79,270 | 94,800 | 81.12\% | 62.96\% | 67.16\% | 83.62\% | 0.97 | 69.20\% | 64.70\% | 24.40\% |
| GEM | 11 | 323,625 | 463,500 | 77.76\% | 81.05\% | 73.40\% | 69.82\% | 1.11 | 24.22\% | 32.92\% | 7.10\% |
| GOODING | 14 | 197,874 | 243,628 | 87.67\% | 91.03\% | 83.43\% | 81.22\% | 1.08 | 26.01\% | 32.02\% | 37.53\% |
| IDAHO | 8 | 34,236 | 34,800 | 162.94\% | 162.50\% | 127.01\% | 98.38\% | 1.66 | 53.19\% | 62.74\% | 5.15\% |
| JEFFERSON | 7 | 142,822 | 166,000 | 110.24\% | 111.11\% | 103.62\% | 86.04\% | 1.28 | 27.91\% | 34.91\% | 38.68\% |
| JEROME |  |  |  |  |  |  |  |  |  |  |  |
| KOOTENAI | 118 | 8,028,404 | 8,760,140 | 90.20\% | 91.73\% | 89.32\% | 91.65\% | 0.98 | 10.91\% | 13.89\% | 56.75\% |
| LATAH | 76 | 1,441,129 | 1,576,468 | 94.19\% | 89.32\% | 86.89\% | 91.42\% | 1.03 | 32.91\% | 40.16\% | 83.14\% |
| LEMHI |  |  |  |  |  |  |  |  |  |  |  |
| LEWIS |  |  |  |  |  |  |  |  |  |  |  |
| LINCOLN |  |  |  |  |  |  |  |  |  |  |  |
| MADISON | 45 | 998,805 | 1,458,866 | 74.02\% | 64.91\% | 68.57\% | 68.46\% | 1.08 | 37.47\% | 39.76\% | Approx. 100\% |
| MINIDOKA | 6 | 102,440 | 77,500 | 108.79\% | 95.94\% | 101.13\% | 132.18\% | 0.82 | 36.42\% | 42.14\% | 34.37\% |
| NEZPERCE | 17 | 181,722 | 254,000 | 84.41\% | 71.73\% | 76.14\% | 71.54\% | 1.18 | 40.92\% | 55.85\% | 29.60\% |
| ONEIDA |  |  |  |  |  |  |  |  |  |  |  |
| OWYHEE |  |  |  |  |  |  |  |  |  |  |  |
| PAYETTE | 10 | 367,224 | 633,913 | 64.49\% | 52.39\% | 61.01\% | 57.93\% | 1.11 | 38.64\% | 35.86\% | 0.34\% |
|  |  |  |  |  |  |  |  |  |  |  |  |
| SHOSHONE | 8 | 156,003 | 240,488 | 69.59\% | 67.64\% | 67.57\% | 64.87\% | 1.07 | 19.36\% | 26.99\% | 0.88\% |
| TETON |  |  |  |  |  |  |  |  |  |  |  |
| TWINFALLS | 33 | 475,532 | 587,298 | 110.69\% | 82.19\% | 93.61\% | 80.97\% | 1.37 | 65.76\% | 55.81\% | 44.87\% |
| VALLEY |  |  |  |  |  |  |  |  |  |  |  |
| WASHINGTON |  |  |  |  |  |  |  |  |  |  |  |
| STATEWIDE | 915 | 32,194,836 | 35,896,969 | 96.37\% | 92.13\% | 89.10\% | 89.69\% | 1.07 | 30.56\% | 40.30\% | Approx.100\% |


| County | $\begin{gathered} \frac{\text { Mean Lower }}{\text { Confidence }} \\ \text { Interval }(90 \%) \end{gathered}$ | Mean Upper <br> Confidence <br> Interval (90\%) | $\frac{\text { Median Lower }}{\frac{\text { Confidence }}{}}$ | Median <br> Upper <br> ConfidenceInterval (90\%) | Weighted Mean Lower Confidence Interval (90\%) |  | Distribution | Average Sale Price or Value (\$) | PRB | $\begin{aligned} & \frac{\text { Lower }}{} \\ & \frac{95 \% \text { CI }}{\text { on PRB }} \end{aligned}$ | $\begin{aligned} & \frac{\text { Upper }}{} \\ & \frac{95 \% \text { CI }}{\text { on PRB }} \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ADA | 92.05\% | 97.98\% | 91.27\% | 95.84\% | 90.05\% | 96.02\% | Non-Normal | 56,329 | 0.0124 | -0.0190 | 0.0437 |
| ADAMS |  |  |  |  |  |  |  |  |  |  |  |
| BANNOCK | 105.62\% | 121.07\% | 103.66\% | 117.63\% | 93.36\% | 107.49\% | Normal | 19,991 | -0.0454 | -0.1060 | 0.0152 |
| BEARLAKE |  |  |  |  |  |  |  |  |  |  |  |
| BENEWAH |  |  |  |  |  |  |  |  |  |  |  |
| BINGHAM | 81.88\% | 108.20\% | 80.28\% | 111.60\% | 86.95\% | 109.92\% | Normal | 19,959 | 0.0232 | -0.0672 | 0.1135 |
| BLAINE | 58.93\% | 138.41\% | 47.28\% | 160.95\% | 32.00\% | 113.61\% | Normal | 17,944 | -0.1024 | -0.7185 | 0.5137 |
| BOISE |  |  |  |  |  |  |  |  |  |  |  |
| BONNER | 98.17\% | 126.50\% | 100.79\% | 116.02\% | 100.26\% | 117.09\% | Normal | 95,034 | -0.0072 | -0.1783 | 0.1639 |
| BONNEVILLE | 90.73\% | 113.45\% | 73.74\% | 117.59\% | 82.25\% | 98.10\% | Normal | 21,007 | -0.0544 | -0.1349 | 0.0262 |
| BOUNDARY |  |  |  |  |  |  |  |  |  |  |  |
| BUTTE |  |  |  |  |  |  |  |  |  |  |  |
| CAMAS |  |  |  |  |  |  |  |  |  |  |  |
| CANYON | 93.21\% | 106.13\% | 80.31\% | 96.32\% | 75.76\% | 86.81\% | Non-Normal | 24,975 | -0.1480 | -0.2190 | -0.0769 |
| CARIBOU |  |  |  |  |  |  |  |  |  |  |  |
| CASSIA | 74.53\% | 103.20\% | 78.54\% | 95.29\% | 76.49\% | 88.49\% | Normal | 14,488 | -0.0444 | -0.1874 | 0.0985 |
| CLARK |  |  |  |  |  |  |  |  |  |  |  |
| CLEARWATER |  |  |  |  |  |  |  |  |  |  |  |
| CUSTER |  |  |  |  |  |  |  |  |  |  |  |
| ELMORE | 66.92\% | 130.32\% | 46.19\% | 139.48\% | 44.06\% | 120.19\% | Normal | 2,300 | -0.3489 | -0.9630 | 0.2652 |
| FRANKLIN | 88.35\% | 103.86\% | 94.87\% | 103.64\% | 79.66\% | 101.17\% | Normal | 33,028 | -0.0390 | -0.0977 | 0.0197 |
| FREMONT | 48.58\% | 113.66\% | 35.52\% | 118.19\% | 59.02\% | 108.21\% | Normal | 10,533 | 0.0420 | -0.4805 | 0.5645 |
| GEM | 63.77\% | 91.74\% | 54.57\% | 97.48\% | 44.39\% | 95.26\% | Normal | 42,136 | -0.0043 | -0.1429 | 0.1344 |
| GOODING | 74.38\% | 100.96\% | 62.36\% | 106.42\% | 66.76\% | 95.68\% | Normal | 17,402 | -0.0367 | -0.1623 | 0.0889 |
| IDAHO | 94.44\% | 231.43\% | 47.03\% | 258.64\% | 33.50\% | 163.26\% | Normal | 4,350 | -0.2276 | -0.6901 | 0.2349 |
| JEFFERSON | 81.98\% | 138.51\% | 64.10\% | 146.56\% | 49.07\% | 123.00\% | Normal | 23,714 | -0.0645 | -0.2232 | 0.0941 |
| JEROME |  |  |  |  |  |  |  |  |  |  |  |
| KOOTENAI | 88.31\% | 92.10\% | 89.48\% | 93.13\% | 89.49\% | 93.81\% | Normal | 74,238 | 0.0649 | 0.0352 | 0.0946 |
| LATAH | 87.05\% | 101.32\% | 82.02\% | 99.13\% | 85.69\% | 97.14\% | Non-Normal | 20,743 | -0.0249 | -0.0838 | 0.0340 |
| LEMHI |  |  |  |  |  |  |  |  |  |  |  |
| LEWIS |  |  |  |  |  |  |  |  |  |  |  |
| LINCOLN |  |  |  |  |  |  |  |  |  |  |  |
| MADISON | 66.80\% | 81.24\% | 60.23\% | 81.50\% | 62.68\% | 74.24\% | Non-Normal | 32,419 | -0.0460 | -0.2387 | 0.1467 |
| MINIDOKA | 71.08\% | 146.49\% | 65.10\% | 166.83\% | 89.40\% | 174.96\% | Normal | 12,917 | 0.2400 | 0.0397 | 0.4404 |
| NEZPERCE | 64.45\% | 104.38\% | 57.31\% | 86.65\% | 56.07\% | 87.02\% | Non-Normal | 14,941 | -0.0178 | -0.4162 | 0.3807 |
| ONEIDA |  |  |  |  |  |  |  |  |  |  |  |
| OWYHEE |  |  |  |  |  |  |  |  |  |  |  |
| PAYETTE | 51.09\% | 77.90\% | 48.63\% | 85.09\% | 45.53\% | 70.33\% | Normal | 63,391 | -0.1205 | -0.3403 | 0.0993 |
| POWER |  |  |  |  |  |  |  |  |  |  |  |
| SHOSHONE | 57.01\% | 82.18\% | 51.79\% | 81.87\% | 57.29\% | 72.45\% | Normal | 30,061 | -0.1040 | -0.2710 | 0.0629 |
| TETON |  |  |  |  |  |  |  |  |  |  |  |
| TWINFALLS | 93.00\% | 128.38\% | 73.43\% | 141.07\% | 68.99\% | 92.95\% | Normal | 17,797 | -0.3017 | -0.5143 | -0.0892 |
| VALLEY |  |  |  |  |  |  |  |  |  |  |  |
| WASHINGTON |  |  |  |  |  |  |  |  |  |  |  |
| STATEWIDE | 94.25\% | 98.48\% | 90.04\% | 93.74\% | 88.00\% | 91.37\% | Non-Normal | 39,232 | -0.0209 | -0.0388 | -0.0031 |

- Manufactured Housing Properties


| County | Sales Count | $\frac{\text { Total Assessed }}{\underline{\text { Value (\$) }}}$ | $\frac{\text { Total Sales Price }}{\text { or Value (\$) }}$ | Mean <br> Ratio | $\frac{\text { Median }}{\text { Ratio }}$ | Geometric Mean Ratio | Weighted Mean Ratio | Price <br> Related Differential | $\frac{\text { Coefficient of }}{\text { Dispersion }}$ (COD) | $\frac{$ Coefficient  <br>  of Variation }{ (COV) } | $\begin{aligned} & \text { Probability } \\ & \text { of } 90 / 110 \% \\ & \hline \end{aligned}$ <br> Actual Mean |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ADA | 37 | 14,328,100 | 15,867,621 | 93.20\% | 93.71\% | 89.68\% | 90.30\% | 1.03 | 22.91\% | 28.12\% | 77.03\% |
| ADAMS |  |  |  |  |  |  |  |  |  |  |  |
| BANNOCK | 5 | 903,750 | 1,311,900 | 87.76\% | 95.05\% | 82.73\% | 68.89\% | 1.27 | 26.28\% | 36.10\% | 34.50\% |
| BEARLAKE |  |  |  |  |  |  |  |  |  |  |  |
| BENEWAH |  |  |  |  |  |  |  |  |  |  |  |
| BINGHAM |  |  |  |  |  |  |  |  |  |  |  |
| BLAINE | 9 | 3,109,460 | 4,249,217 | 71.88\% | 88.99\% | 57.46\% | 73.18\% | 0.98 | 32.23\% | 55.47\% | 9.46\% |
| BOISE |  |  |  |  |  |  |  |  |  |  |  |
| BONNER | 5 | 531,592 | 1,035,985 | 70.99\% | 57.93\% | 63.98\% | 51.31\% | 1.38 | 51.29\% | 51.07\% | 11.62\% |
| BONNEVILLE | 10 | 1,379,053 | 1,650,900 | 91.30\% | 78.51\% | 83.17\% | 83.53\% | 1.09 | 41.91\% | 51.09\% | 41.58\% |
| BOUNDARY |  |  |  |  |  |  |  |  |  |  |  |
| BUTTE |  |  |  |  |  |  |  |  |  |  |  |
| CAMAS |  |  |  |  |  |  |  |  |  |  |  |
| CANYON | 29 | 11,340,520 | 12,546,501 | 89.01\% | 85.48\% | 86.99\% | 90.39\% | 0.98 | 17.53\% | 20.85\% | 38.77\% |
| CARIBOU |  |  |  |  |  |  |  |  |  |  |  |
| CASSIA |  |  |  |  |  |  |  |  |  |  |  |
| CLARK |  |  |  |  |  |  |  |  |  |  |  |
| CLEARWATER |  |  |  |  |  |  |  |  |  |  |  |
| CUSTER |  |  |  |  |  |  |  |  |  |  |  |
| ELMORE |  |  |  |  |  |  |  |  |  |  |  |
| FRANKLIN |  |  |  |  |  |  |  |  |  |  |  |
| FREMONT |  |  |  |  |  |  |  |  |  |  |  |
| GEM | 5 | 191,446 | 319,000 | 64.73\% | 60.63\% | 61.67\% | 60.01\% | 1.08 | 27.31\% | 36.73\% | 3.17\% |
| GOODING |  |  |  |  |  |  |  |  |  |  |  |
| IDAHO |  |  |  |  |  |  |  |  |  |  |  |
| JEFFERSON |  |  |  |  |  |  |  |  |  |  |  |
| JEROME |  |  |  |  |  |  |  |  |  |  |  |
| KOOTENAI | 42 | 17,216,636 | 22,589,562 | 86.74\% | 88.47\% | 84.52\% | 76.22\% | 1.14 | 15.38\% | 22.33\% | 13.79\% |
| LATAH |  |  |  |  |  |  |  |  |  |  |  |
| LEMHI |  |  |  |  |  |  |  |  |  |  |  |
| LEWIS |  |  |  |  |  |  |  |  |  |  |  |
| LINCOLN |  |  |  |  |  |  |  |  |  |  |  |
| MADISON |  |  |  |  |  |  |  |  |  |  |  |
| MINIDOKA |  |  |  |  |  |  |  |  |  |  |  |
| NEZPERCE | 5 | 683,563 | 719,500 | 98.51\% | 99.05\% | 95.59\% | 95.01\% | 1.04 | 18.22\% | 26.96\% | 54.87\% |
| ONEIDA |  |  |  |  |  |  |  |  |  |  |  |
| OWYHEE |  |  |  |  |  |  |  |  |  |  |  |
| PAYETTE |  |  |  |  |  |  |  |  |  |  |  |
| POWER |  |  |  |  |  |  |  |  |  |  |  |
| SHOSHONE |  |  |  |  |  |  |  |  |  |  |  |
| TETON |  |  |  |  |  |  |  |  |  |  |  |
| TWINFALLS | 12 | 3,064,864 | 4,697,018 | 66.61\% | 60.63\% | 61.49\% | 65.25\% | 1.02 | 38.67\% | 40.23\% | 0.57\% |
| VALLEY |  |  |  |  |  |  |  |  |  |  |  |
| WASHINGTON |  |  |  |  |  |  |  |  |  |  |  |
| STATEWIDE | 159 | 52,748,984 | 64,987,204 | 85.80\% | 88.27\% | 80.94\% | 81.17\% | 1.06 | 23.36\% | 31.75\% | 2.56\% |


| County | $\begin{aligned} & \frac{\text { Mean Lower }}{\text { Confidence }} \\ & \text { Interval }(90 \%) \end{aligned}$ | $\begin{aligned} & \frac{\text { Mean Upper }}{\text { Confidence }} \\ & \text { Interval }(90 \%) \end{aligned}$ | Median Lower <br> Confidence Interval (90\%) |  | Weighted Mean Lower Confidence Interval (90\%) | Weighted Mean Upper Confidence Interval (90\%) | Distribution | Average Sale <br> $\frac{\text { Price or }}{\text { Value (\$) }}$ | PRB | $\begin{aligned} & \frac{\text { Lower }}{\text { 95\% Cl }} \\ & \text { on PRB } \end{aligned}$ | $\frac{\text { Upper }}{\frac{95 \% \text { Cl }}{\text { on PRB }}}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ADA | 86.11\% | 100.28\% | 77.55\% | 102.32\% | 79.20\% | 101.39\% | Normal | 428,855 | 0.0086 | -0.0587 | 0.0758 |
| ADAMS |  |  |  |  |  |  |  |  |  |  |  |
| BANNOCK | 57.55\% | 117.98\% | 50.97\% | 117.50\% | 48.36\% | 89.42\% | Normal | 262,380 | -0.1506 | -0.4390 | 0.1379 |
| BEARLAKE |  |  |  |  |  |  |  |  |  |  |  |
| BENEWAH |  |  |  |  |  |  |  |  |  |  |  |
| BINGHAM |  |  |  |  |  |  |  |  |  |  |  |
| BLAINE | 47.16\% | 96.61\% | 23.43\% | 97.29\% | 44.43\% | 101.92\% | Normal | 472,135 | -0.0192 | -0.2596 | 0.2212 |
| BOISE |  |  |  |  |  |  |  |  |  |  |  |
| BONNER | 36.42\% | 105.56\% | 36.97\% | 119.06\% | 25.94\% | 76.69\% | Normal | 207,197 | -0.4725 | -1.2643 | 0.3194 |
| BONNEVILLE | 64.26\% | 118.34\% | 54.24\% | 115.47\% | 70.29\% | 96.78\% | Non-Normal | 165,090 | -0.0209 | -0.4112 | 0.3693 |
| BOUNDARY |  |  |  |  |  |  |  |  |  |  |  |
| BUTTE |  |  |  |  |  |  |  |  |  |  |  |
| CAMAS |  |  |  |  |  |  |  |  |  |  |  |
| CANYON | 83.15\% | 94.87\% | 82.47\% | 98.19\% | 81.95\% | 98.82\% | Normal | 432,638 | 0.0070 | -0.0457 | 0.0598 |
| CARIBOU |  |  |  |  |  |  |  |  |  |  |  |
| CASSIA |  |  |  |  |  |  |  |  |  |  |  |
| CLARK |  |  |  |  |  |  |  |  |  |  |  |
| CLEARWATER |  |  |  |  |  |  |  |  |  |  |  |
| CUSTER |  |  |  |  |  |  |  |  |  |  |  |
| ELMORE |  |  |  |  |  |  |  |  |  |  |  |
| FRANKLIN |  |  |  |  |  |  |  |  |  |  |  |
| FREMONT |  |  |  |  |  |  |  |  |  |  |  |
| GEM | 42.06\% | 87.39\% | 43.60\% | 99.33\% | 34.81\% | 85.22\% | Normal | 63,800 | 0.0258 | -0.6658 | 0.7173 |
| GOODING |  |  |  |  |  |  |  |  |  |  |  |
| IDAHO |  |  |  |  |  |  |  |  |  |  |  |
| JEFFERSON |  |  |  |  |  |  |  |  |  |  |  |
| JEROME |  |  |  |  |  |  |  |  |  |  |  |
| KOOTENAI | 81.83\% | 91.66\% | 85.94\% | 90.00\% | 67.36\% | 85.07\% | Normal | 537,847 | -0.0555 | -0.0973 | -0.0138 |
| LATAH |  |  |  |  |  |  |  |  |  |  |  |
| LEMHI |  |  |  |  |  |  |  |  |  |  |  |
| LEWIS |  |  |  |  |  |  |  |  |  |  |  |
| LINCOLN |  |  |  |  |  |  |  |  |  |  |  |
| MADISON |  |  |  |  |  |  |  |  |  |  |  |
| MINIDOKA |  |  |  |  |  |  |  |  |  |  |  |
| NEZPERCE | 73.19\% | 123.84\% | 66.61\% | 132.92\% | 81.57\% | 108.45\% | Normal | 143,900 | 0.0380 | -0.1671 | 0.2430 |
| ONEIDA |  |  |  |  |  |  |  |  |  |  |  |
| OWYHEE |  |  |  |  |  |  |  |  |  |  |  |
| PAYETTE |  |  |  |  |  |  |  |  |  |  |  |
| POWER |  |  |  |  |  |  |  |  |  |  |  |
| SHOSHONE |  |  |  |  |  |  |  |  |  |  |  |
| TETON |  |  |  |  |  |  |  |  |  |  |  |
| TWINFALLS | 52.72\% | 80.51\% | 42.74\% | 96.48\% | 52.42\% | 78.08\% | Normal | 391,418 | 0.0533 | -0.2033 | 0.3099 |
| VALLEY |  |  |  |  |  |  |  |  |  |  |  |
| WASHINGTON |  |  |  |  |  |  |  |  |  |  |  |
| STATEWIDE | 82.24\% | 89.35\% | 84.13\% | 90.97\% | 76.05\% | 86.29\% | Non-Normal | 408,725 | -0.0019 | -0.0154 | 0.0115 |

- Vacant Commercial Properties

|  | Vacant Commercial |  | Combined Categories |  | Observed Sales Dates: |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| FINAL Study when Initialed and dated. | Using 2019 Assessed Values |  | Assessment Date: |  | From: | To: |
|  |  |  | 01/01/2019 |  | 01/01/2018 | 01/03/2020 |
| Sales Price is/may be Time Adjusted | Sales Prices adjusted for time at County Level |  |  |  | Selected Time Period: |  |
|  |  |  |  |  | 01/01/2017 | 01/31/2020 |
| SAMPLE STATISTICS |  | Ratio Frequency |  |  |  |  |
| Sample size ( $n$ ) | 159 |  |  |  |  |  |
| Total Assessed Value | \$52,748,984 | 45 |  |  |  |  |
| Total Sales Price | \$64,987,204 | 40 |  |  |  |  |
| Mean Assessed Value | \$331,755 |  |  | $39{ }^{40}$ |  |  |
| Mean Sales Price | \$408,725 | 35 |  |  |  |  |
| Standard Deviation AV | \$493,080 |  |  |  |  |  |
| Standard Deviation SP | \$630,313 | O |  |  |  |  |
| Median Assessed Value | \$162,950 | O |  |  |  |  |
| Median Sales Price | \$200,000 |  |  |  |  |  |
| ASSESSMENT LE | VEL |  |  |  |  |  |
| Arithmetic Mean Ratio | 85.80\% | $\overline{\widetilde{\top}}$ |  |  |  |  |
| Median Ratio | 88.27\% |  |  |  |  |  |
| Weighted Mean Ratio | 81.17\% |  |  |  |  |  |
| Geometric Mean Ratio | 80.94\% |  |  | - |  |  |
| UNIFORMITY |  |  | $00^{3} 1$ |  | 010 | $0 \quad 0$ |
| Lowest Ratio | 15.18\% |  |  |  |  |  |
| Highest Ratio | 205.71\% |  | $00^{3} 0 x^{3}$ | $00^{0} \times 0^{\circ} \times$ | $x^{5} n^{0}$ | 23 ? |
| Coefficient of Dispersion | 23.36\% |  |  |  |  |  |
| Standard Deviation | 27.24\% |  |  |  |  |  |
| Coefficient of Variation | 31.75\% | PRB |  | Comp | Checks: |  |
| Price-related Differential | 1.06 | -0.00 | Level: |  |  |  |
| RELIABILITY |  | T-Score: -0 | MEDI | N 90\% Conf | Interval: | PASSED |
| 90\% Confidence Intervals: | Lower | Upper | MEDI | AN 80\% Confid | Interval: | FAILED |
| Around the Mean | 82.24\% | 89.35\% | Uniformity | COD S | ds met? | NO |
| BINOM - Around the Median | 84.13\% | 90.97\% |  | COD: | mewhat Po |  |
| Around the Weighted Mean | 76.05\% | 86.29\% |  | COV: |  |  |
| Around the COD | 21.70\% | 28.10\% |  | PRD: | vors High Pri |  |
| Probability True Mean 90-110 | 2.56\% |  |  |  |  |  |
| 80\% Confidence Intervals: | Lower | Upper |  |  | NTS: |  |
| Around the Mean | 83.03\% | 88.57\% |  |  |  |  |
| BINOM - Around the Median | 85.11\% | 89.99\% |  |  |  |  |
| Around the Weighted Mean | 77.18\% | 85.16\% |  |  |  |  |
| NORMALITY Test Results: | Non-Normal |  |  |  |  |  |
| Chi Square Test | Non-Normal |  |  |  |  |  |
| Binomial Test | N/A |  |  |  |  |  |
|  |  |  | Secon | dary Categor | with sales |  |
| Mann-Whitney Test | -2.0551 | Count | Category | Description |  |  |
| Value Related Ine | quity | 2 | 13 | Unimproved Ru | Tract |  |
| D'Agostino-Pearson | Non-Normal | 3 | 16 | Unimproved Ru | m Sub |  |
| Shapiro-Wilk W | N/A | 6 | 17 | Unimproved Ru | Sub Lot/Acre |  |
| Kurtosis (2.5-4) = 4.73 | Not Trimmed? | 130 | 21 | Unimproved Urb | m Lot/Acre |  |
| Skew (-0.5-1) $=0.38$ | Acceptable | 18 | 22 | Unimproved Urb | Lot/Acre |  |
| COD Standard Vacant Commercial | $\frac{\text { Maximum }}{20.00 \%}$ |  |  |  |  |  |
|  |  |  |  |  | CO |  |
|  |  | Mar | 24, 2020 |  | Expected | 125\% |
|  |  |  | Staff |  | Observed | 136\% |
|  |  |  |  |  | Maybe a Non-R | tatice Sample |


| County | Sales Count | $\frac{\text { Total Assessed }}{\text { Value (\$) }}$ | $\frac{\text { Total Sales Price }}{\text { or Value (\$) }}$ | $\frac{\text { Mean }}{\text { Ratio }}$ | $\frac{\text { Median }}{\underline{\text { Ratio }}}$ | Geometric <br> Mean Ratio | Weighted Mean Ratio | Price <br> Related Differential | $\frac{\text { Coefficient of }}{\text { Dispersion }}$ (COD) | $\frac{\text { Coefficient }}{\frac{\text { of Variation }}{\text { (COV) }}}$ | $\frac{\text { Probability }}{\text { of 90/110\% }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ADA | 148 | 123,119,400 | 133,536,323 | 94.01\% | 95.28\% | 91.81\% | 92.20\% | 1.02 | 15.36\% | 21.27\% | 99.27\% |
| ADAMS    <br> BAN    |  |  |  |  |  |  |  |  |  |  |  |
| BANNOCK | 42 | 10,603,240 | 11,960,800 | 95.30\% | 93.96\% | 90.77\% | 88.65\% | 1.08 | 22.62\% | 30.95\% | 87.65\% |
| BEARLAKE |  |  |  |  |  |  |  |  |  |  |  |
| BENEWAH |  |  |  |  |  |  |  |  |  |  |  |
| BINGHAM | 5 | 1,012,600 | 1,065,000 | 103.73\% | 87.57\% | 101.01\% | 95.08\% | 1.09 | 23.21\% | 26.31\% | 52.04\% |
| BLAINE | 35 | 18,407,517 | 23,276,161 | 85.45\% | 88.10\% | 83.02\% | 79.08\% | 1.08 | 17.30\% | 23.14\% | 8.53\% |
| BOISE | 11 | 3,982,403 | 4,322,000 | 98.62\% | 93.34\% | 94.81\% | 92.14\% | 1.07 | 24.16\% | 29.67\% | 71.11\% |
| BONNER | 8 | 3,022,015 | 2,827,000 | 104.69\% | 104.72\% | 96.22\% | 106.90\% | 0.98 | 30.31\% | 38.94\% | 46.71\% |
| BONNEVILLE | 39 | 15,606,213 | 17,552,834 | 87.45\% | 85.24\% | 85.10\% | 88.91\% | 0.98 | 19.74\% | 23.89\% | 22.06\% |
| BOUNDARY |  |  |  |  |  |  |  |  |  |  |  |
| BUTTE |  |  |  |  |  |  |  |  |  |  |  |
| CAMAS |  |  |  |  |  |  |  |  |  |  |  |
| CANYON | 90 | 68,691,190 | 79,449,702 | 92.34\% | 95.11\% | 89.56\% | 86.46\% | 1.07 | 17.72\% | 24.21\% | 83.89\% |
| CARIBOU |  |  |  |  |  |  |  |  |  |  |  |
| CASSIA | 5 | 918,694 | 820,999 | 112.48\% | 105.91\% | 110.70\% | 111.90\% | 1.01 | 13.89\% | 21.17\% | 36.21\% |
| CLARK |  |  |  |  |  |  |  |  |  |  |  |
| CLEARWATER | 6 | 551,226 | 765,000 | 77.34\% | 71.77\% | 75.85\% | 72.06\% | 1.07 | 18.64\% | 22.16\% | 6.25\% |
| CUSTER | 7 | 532,950 | 724,808 | 78.43\% | 70.38\% | 75.30\% | 73.53\% | 1.07 | 27.17\% | 31.82\% | 12.53\% |
| ELMORE | 5 | 521,101 | 662,500 | 100.57\% | 104.31\% | 94.73\% | 78.66\% | 1.28 | 20.92\% | 33.11\% | 46.06\% |
| FRANKLIN |  |  |  |  |  |  |  |  |  |  |  |
| FREMONT | 6 | 621,850 | 1,202,500 | 66.12\% | 66.67\% | 59.87\% | 51.71\% | 1.28 | 41.27\% | 46.21\% | 4.85\% |
| GEM | 10 | 3,589,283 | 5,420,000 | 80.47\% | 74.87\% | 77.35\% | 66.22\% | 1.22 | 25.52\% | 31.59\% | 13.05\% |
| GOODING | 9 | 1,220,770 | 1,317,625 | 96.66\% | 86.93\% | 93.51\% | 92.65\% | 1.04 | 24.25\% | 29.12\% | 65.46\% |
| IDAHO | 5 | 953,369 | 985,675 | 105.40\% | 100.08\% | 95.72\% | 96.72\% | 1.09 | 37.68\% | 51.07\% | 29.23\% |
| JEFFERSON |  |  |  |  |  |  |  |  |  |  |  |
| JEROME | 7 | 818,939 | 688,173 | 113.39\% | 128.50\% | 100.08\% | 119.00\% | 0.95 | 31.51\% | 46.44\% | 29.29\% |
| KOOTENAI | 176 | 110,781,050 | 127,511,958 | 90.46\% | 91.68\% | 89.48\% | 86.88\% | 1.04 | 11.22\% | 14.35\% | 67.72\% |
| LATAH | 14 | 4,503,230 | 6,138,150 | 76.73\% | 76.21\% | 74.42\% | 73.36\% | 1.05 | 18.44\% | 25.78\% | 1.30\% |
| LEMHI | 6 | 935,139 | 1,064,000 | 102.28\% | 94.09\% | 94.34\% | 87.89\% | 1.16 | 34.14\% | 42.40\% | 39.99\% |
| LEWIS |  |  |  |  |  |  |  |  |  |  |  |
| LINCOLN |  |  |  |  |  |  |  |  |  |  |  |
| MADISON | 11 | 7,625,010 | 8,243,000 | 92.47\% | 92.17\% | 91.09\% | 92.50\% | 1.00 | 13.76\% | 18.36\% | 67.71\% |
| MINIDOKA | 11 | 1,654,660 | 2,373,500 | 81.05\% | 84.14\% | 78.95\% | 69.71\% | 1.16 | 18.91\% | 23.51\% | 7.50\% |
| NEZPERCE | 16 | 7,380,978 | 7,982,500 | 93.41\% | 95.02\% | 92.40\% | 92.46\% | 1.01 | 10.18\% | 14.41\% | 83.62\% |
| ONEIDA |  |  |  |  |  |  |  |  |  |  |  |
| OWYHEE | 8 | 533,521 | 721,500 | 73.37\% | 79.01\% | 69.33\% | 73.95\% | 0.99 | 26.06\% | 33.71\% | 4.75\% |
| PAYETTE | 13 | 1,800,076 | 2,772,800 | 81.65\% | 72.47\% | 74.72\% | 64.92\% | 1.26 | 39.22\% | 46.66\% | 21.24\% |
| POWER |  |  |  |  |  |  |  |  |  |  |  |
| SHOSHONE | 9 | 1,040,772 | 1,158,450 | 88.98\% | 83.92\% | 87.77\% | 89.84\% | 0.99 | 16.16\% | 17.56\% | 42.27\% |
| TETON |  |  |  |  |  |  |  |  |  |  |  |
| TWINFALLS | 37 | 9,463,481 | 11,596,168 | 85.01\% | 85.58\% | 81.51\% | 81.61\% | 1.04 | 23.16\% | 28.53\% | 10.38\% |
| VALLEY | 8 | 2,161,850 | 3,076,365 | 76.22\% | 80.67\% | 73.46\% | 70.27\% | 1.08 | 20.99\% | 27.66\% | 5.22\% |
| WASHINGTON | 8 | 712,982 | 831,000 | 120.80\% | 92.59\% | 106.55\% | 85.80\% | 1.41 | 60.84\% | 53.42\% | 21.56\% |
| STATEWIDE | 755 | 402,765,509 | 460,046,492 | 91.02\% | 91.42\% | 88.00\% | 87.55\% | 1.04 | 18.64\% | 25.91\% | 88.30\% |


| County | $\begin{aligned} & \frac{\text { Mean Lower }}{\text { Confidence }} \\ & \text { Interval }(90 \%) \end{aligned}$ | $\begin{aligned} & \frac{\text { Mean Upper }}{\text { Confidence }} \\ & \text { Interval ( } 90 \% \text { ) } \end{aligned}$ | Median Lower <br> Confidence Interval (90\%) |  | Weighted Mean Lower Confidence Interval (90\%) | Weighted Mean Upper Confidence Interval (90\%) | Distribution | Average Sale <br> $\frac{\text { Price or }}{\text { Value (\$) }}$ | PRB | $\begin{aligned} & \frac{\text { Lower }}{} \\ & \frac{95 \% \mathrm{Cl}}{\text { on PRB }} \end{aligned}$ | Upper <br> 95\% Cl <br> on PRB |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ADA | 91.31\% | 96.72\% | 91.71\% | 97.79\% | 89.07\% | 95.33\% | Normal | 902,272 | 0.0053 | -0.0184 | 0.0291 |
| ADAMS |  |  |  |  |  |  |  |  |  |  |  |
| BANNOCK | 87.81\% | 102.79\% | 89.20\% | 98.64\% | 77.86\% | 99.44\% | Normal | 284,781 | -0.0104 | -0.1176 | 0.0968 |
| BEARLAKE |  |  |  |  |  |  |  |  |  |  |  |
| BENEWAH |  |  |  |  |  |  |  |  |  |  |  |
| BINGHAM | 77.71\% | 129.76\% | 82.37\% | 137.74\% | 72.61\% | 117.55\% | Normal | 213,000 | -0.0599 | -0.4719 | 0.3522 |
| BLAINE | 79.95\% | 90.95\% | 78.74\% | 93.90\% | 72.63\% | 85.54\% | Normal | 665,033 | -0.0219 | -0.0701 | 0.0262 |
| BOISE | 82.63\% | 114.61\% | 82.73\% | 113.51\% | 80.86\% | 103.42\% | Normal | 392,909 | 0.0438 | -0.1020 | 0.1896 |
| BONNER | 77.38\% | 132.01\% | 76.66\% | 139.96\% | 66.07\% | 147.73\% | Normal | 353,375 | 0.1042 | -0.1468 | 0.3551 |
| BONNEVILLE | 81.95\% | 92.95\% | 77.65\% | 95.86\% | 82.72\% | 95.10\% | Normal | 450,073 | 0.0448 | -0.0153 | 0.1049 |
| BOUNDARY |  |  |  |  |  |  |  |  |  |  |  |
| BUTTE |  |  |  |  |  |  |  |  |  |  |  |
| CAMAS |  |  |  |  |  |  |  |  |  |  |  |
| CANYON | 88.46\% | 96.21\% | 87.81\% | 97.18\% | 80.82\% | 92.10\% | Normal | 882,774 | -0.0146 | -0.0424 | 0.0132 |
| CARIBOU |  |  |  |  |  |  |  |  |  |  |  |
| CASSIA | 89.78\% | 135.18\% | 94.16\% | 148.20\% | 89.99\% | 133.80\% | Normal | 164,200 | 0.0810 | -0.3325 | 0.4945 |
| CLARK |  |  |  |  |  |  |  |  |  |  |  |
| CLEARWATER | 63.24\% | 91.44\% | 62.23\% | 99.29\% | 56.70\% | 87.41\% | Normal | 127,500 | -0.0589 | -0.3676 | 0.2498 |
| CUSTER | 60.10\% | 96.76\% | 56.04\% | 106.11\% | 62.24\% | 84.82\% | Normal | 103,544 | -0.1021 | -0.4385 | 0.2343 |
| ELMORE | 68.82\% | 132.32\% | 52.87\% | 133.60\% | 35.83\% | 121.49\% | Normal | 132,500 | -0.3140 | -0.5238 | -0.1043 |
| FRANKLIN |  |  |  |  |  |  |  |  |  |  |  |
| FREMONT | 40.99\% | 91.26\% | 35.27\% | 96.61\% | 22.51\% | 80.92\% | Normal | 200,417 | -0.1446 | -0.4217 | 0.1326 |
| GEM | 65.73\% | 95.21\% | 61.13\% | 91.36\% | 59.21\% | 73.24\% | Normal | 542,000 | -0.0377 | -0.1984 | 0.1231 |
| GOODING | 79.21\% | 114.12\% | 74.16\% | 114.63\% | 79.35\% | 105.95\% | Normal | 146,403 | 0.0052 | -0.3531 | 0.3634 |
| IDAHO | 54.08\% | 156.72\% | 58.44\% | 182.65\% | 59.12\% | 134.33\% | Normal | 197,135 | 0.0175 | -1.1588 | 1.1939 |
| JEFFERSON |  |  |  |  |  |  |  |  |  |  |  |
| JEROME | 74.71\% | 152.06\% | 56.76\% | 167.20\% | 83.37\% | 154.63\% | Normal | 98,310 | 0.1299 | -0.2387 | 0.4984 |
| KOOTENAI | 88.85\% | 92.07\% | 89.90\% | 93.36\% | 81.81\% | 91.94\% | Normal | 724,500 | -0.0063 | -0.0196 | 0.0070 |
| LATAH | 67.37\% | 86.09\% | 63.89\% | 81.72\% | 59.81\% | 86.92\% | Normal | 438,439 | 0.0351 | -0.1201 | 0.1904 |
| LEMHI | 66.61\% | 137.95\% | 56.73\% | 155.80\% | 57.89\% | 117.89\% | Normal | 177,333 | -0.5725 | -1.3950 | 0.2501 |
| LEWIS |  |  |  |  |  |  |  |  |  |  |  |
| LINCOLN |  |  |  |  |  |  |  |  |  |  |  |
| MADISON | 83.20\% | 101.75\% | 82.85\% | 102.29\% | 85.40\% | 99.60\% | Normal | 749,364 | 0.0134 | -0.0920 | 0.1188 |
| MINIDOKA | 70.65\% | 91.46\% | 65.08\% | 95.24\% | 58.46\% | 80.97\% | Normal | 215,773 | -0.0551 | -0.1620 | 0.0517 |
| NEZPERCE | 87.51\% | 99.31\% | 92.43\% | 99.94\% | 84.02\% | 100.91\% | Normal | 498,906 | -0.0078 | -0.0864 | 0.0707 |
| ONEIDA |  |  |  |  |  |  |  |  |  |  |  |
| OWYHEE | 56.80\% | 89.94\% | 46.87\% | 92.23\% | 56.12\% | 91.77\% | Normal | 90,188 | 0.1462 | -0.2475 | 0.5398 |
| PAYETTE | 62.82\% | 100.48\% | 58.96\% | 99.01\% | 49.27\% | 80.57\% | Non-Normal | 213,292 | -0.1956 | -0.4771 | 0.0859 |
| POWER |  |  |  |  |  |  |  |  |  |  |  |
| SHOSHONE | 79.29\% | 98.66\% | 74.57\% | 101.18\% | 79.90\% | 99.78\% | Normal | 128,717 | 0.0923 | -0.1602 | 0.3448 |
| TETON |  |  |  |  |  |  |  |  |  |  |  |
| TWINFALLS | 78.45\% | 91.57\% | 72.58\% | 92.77\% | 64.69\% | 98.52\% | Normal | 313,410 | 0.0376 | -0.0375 | 0.1128 |
| VALLEY | 62.10\% | 90.35\% | 51.69\% | 90.29\% | 55.68\% | 84.87\% | Normal | 384,546 | -0.0838 | -0.3694 | 0.2017 |
| WASHINGTON | 77.56\% | 164.04\% | 66.23\% | 191.74\% | 68.75\% | 102.84\% | Normal | 103,875 | -0.2817 | -0.5952 | 0.0318 |
| STATEWIDE | 89.61\% | 92.44\% | 90.43\% | 92.84\% | 85.41\% | 89.69\% | Non-Normal | 609,333 | -0.0023 | -0.0076 | 0.0029 |

- Improved Commercial Properties



[^0]:    Lower COD equal better uniformity

