

| <u>assessment_id</u> | <u>sale_id</u> | <u>Vacant Improved</u> | <u>ASR</u> |
|----------------------|----------------|------------------------|------------|
| 370LU-505000050      | 1558218        | Improved               | 0.43       |
| 399-000831403        | 1513928        | Improved               | 0.50       |
| 426CH-505000050      | 1572968        | Improved               | 1.05       |
| 427-000806406        | 1520139        | Improved               | 0.57       |
| 428RE-505000650      | 1548511        | Improved               | 0.52       |
| 431DO-606003300      | 1552576        | Improved               | 7.00       |
| 431DO-606005700      | 2008150        | Improved               | 0.97       |
| 458GR-505000300      | 2184575        | Improved               | 6.26       |
| 521SS-494546000      | 2216580        | Improved               | 0.58       |
| ANNAH-505000800      | 2079586        | Improved               | 0.60       |
| ARBOR-505000400      | 2183377        | Improved               | 3.23       |
| ARBOR-505003100      | 1509824        | Improved               | 1.16       |
| BIRCH-505013400      | 1558261        | Improved               | 1.70       |
| BIRCH-505013500      | 2210073        | Improved               | 0.66       |
| BIRCH-505029400      | 1512914        | Improved               | 0.34       |
| CANDL-504590500      | 2074586        | Improved               | 0.54       |
| CANDL-504592250      | 2213704        | Improved               | 0.66       |
| CANDL-504595150      | 1569017        | Improved               | 0.33       |
| CARRO-505000850      | 2185373        | Improved               | 1.99       |
| CARRO-505003300      | 2042420        | Improved               | 1.04       |
| CARRO-505003600      | 1536273        | Improved               | 1.39       |
| CARRO-505018350      | 2202183        | Improved               | 3.39       |
| CHOIC-505000300      | 1051976        | Improved               | 0.64       |
| CHOIC-505001800      | 2191570        | Improved               | 1.49       |
| CHOIC-505008700      | 2239258        | Improved               | 1.37       |
| CHRIS-504910350      | 2208265        | Improved               | 0.76       |
| CHRIS-504910550      | 1056486        | Improved               | 0.13       |
| CODET-505005350      | 2004580        | Improved               | 0.77       |
| CODET-890101001      | 2155051        | Improved               | 1.65       |
| CUDWO-495000050      | 1580071        | Improved               | 0.21       |
| CUDWO-505000450      | 2235631        | Improved               | 0.26       |
| CUDWO-505001800      | 2190766        | Improved               | 0.57       |
| CUDWO-505002700      | 2247588        | Improved               | 0.99       |
| CUDWO-505002850      | 1515041        | Improved               | 1.38       |
| CUDWO-505007000      | 2002703        | Improved               | 0.68       |
| CUDWO-505023050      | 2254173        | Improved               | 0.50       |
| CUDWO-505024000      | 1057482        | Improved               | 0.61       |
| CUDWO-515001000      | 2184813        | Improved               | 0.38       |
| DUCKL-505000850      | 1581563        | Improved               | 0.63       |
| DUCKL-505036000      | 1559117        | Improved               | 0.79       |
| DUCKL-505044000      | 2231472        | Improved               | 0.68       |
| ENGLE-505008700      | 1515018        | Improved               | 1.06       |
| ENGLE-505008750      | 1564346        | Improved               | 0.85       |
| KINIS-505005200      | 2218509        | Improved               | 1.25       |
| MEATH-890100500      | 2205968        | Improved               | 1.19       |
| MIDDL-505001000      | 1582522        | Improved               | 2.29       |

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| MIDDLE-505001750     | 1549453        | Improved               | 1.34       |
| MUENS-505000900      | 2078958        | Improved               | 1.40       |
| MUENS-505005350      | 2053922        | Improved               | 1.04       |
| MUENS-890000300      | 2079695        | Improved               | 1.21       |
| NAICA-505000500      | 2015081        | Improved               | 4.66       |
| NAICA-505004550      | 2193954        | Improved               | 1.15       |
| NAICA-505024300      | 1539226        | Improved               | 2.42       |
| PADDO-505001210      | 1522756        | Improved               | 4.12       |
| PADDO-505002150      | 2001738        | Improved               | 2.80       |
| PADDO-505002200      | 2001740        | Improved               | 0.85       |
| PILGE-505001550      | 2229989        | Improved               | 0.61       |
| SMEAT-505001550      | 2076497        | Improved               | 1.58       |
| SMEAT-505001900      | 2194561        | Improved               | 3.42       |
| SPALD-505002100      | 1553976        | Improved               | 5.59       |
| STARC-505003850      | 1549451        | Improved               | 3.44       |
| STARC-505015350      | 2224617        | Improved               | 0.74       |
| STARC-505023050      | 1566046        | Improved               | 0.73       |
| STBRI-505013600      | 2173357        | Improved               | 0.55       |
| STLOU-505011800      | 2190654        | Improved               | 2.81       |
| STLOU-505012900      | 2191103        | Improved               | 7.27       |
| STLOU-505013500      | 1540709        | Improved               | 0.51       |
| WAKAW-505026700      | 1579976        | Improved               | 1.34       |
| WAKAW-505029600      | 2076449        | Improved               | 1.22       |
| WAKAW-505033550      | 1506439        | Improved               | 1.65       |
| WAKAW-505040500      | 2184125        | Improved               | 10.04      |
| WAKAW-515008900      | 1509767        | Improved               | 0.76       |
| WAKAW-515016000      | 2223264        | Improved               | 0.14       |
| WATSO-504902100      | 2010464        | Improved               | 0.42       |
| WATSO-505002050      | 2236448        | Improved               | 2.55       |
| WATSO-505002750      | 2212865        | Improved               | 0.89       |
| WATSO-505003150      | 2113483        | Improved               | 0.46       |
| WATSO-505004950      | 2188367        | Improved               | 2.04       |
| WATSO-505005050      | 2189560        | Improved               | 2.55       |
| WATSO-505009150      | 2181077        | Improved               | 1.07       |
| WHITE-505000200      | 2065573        | Improved               | 0.77       |
| WHITE-505000850      | 1055722        | Improved               | 0.34       |
| WHITE-505000900      | 2186346        | Improved               | 2.45       |
| WHITE-505004300      | 2006930        | Improved               | 0.66       |
| ZENON-505000550      | 1582814        | Improved               | 0.91       |
| ZENON-505000850      | 1580790        | Improved               | 2.70       |
| ZENON-505002600      | 1505037        | Improved               | 0.60       |
| 224LA-990000250      | 1554395        | Improved               | 1.06       |
| 259-001027401        | 1512133        | Improved               | 1.02       |
| 284-000827400        | 898099         | Improved               | 0.98       |
| AMYOT-505000650      | 1515213        | Improved               | 1.21       |
| ASSIN-990110000      | 2323925        | Improved               | 1.20       |

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| BURST-505005800      | 2220171        | Improved               | 0.77       |
| CARON-505201500      | 1524093        | Improved               | 1.59       |
| COLON-505040000      | 2234988        | Improved               | 1.62       |
| CREIG-505029850      | 2002756        | Improved               | 1.42       |
| CUDWO-505007100      | 2232032        | Improved               | 0.88       |
| CUTKN-990100300      | 2247820        | Improved               | 0.65       |
| DEBDE-505043000      | 2231968        | Improved               | 0.92       |
| FORTQ-505040150      | 2236002        | Improved               | 1.15       |
| GLASL-505001220      | 1564569        | Improved               | 0.76       |
| GRAVE-505033750      | 2082078        | Improved               | 0.99       |
| HUDSO-504905000      | 1574870        | Improved               | 0.77       |
| INDIA-414003140      | 2215449        | Improved               | 0.74       |
| LARON-505003800      | 2184958        | Improved               | 0.48       |
| LARON-505103900      | 1055427        | Improved               | 0.78       |
| LINTL-505015200      | 1571328        | Improved               | 4.77       |
| LUCKY-505000050      | 2202105        | Improved               | 1.55       |
| MAPLE-505002250      | 2029498        | Improved               | 1.89       |
| NIPAW-495013850      | 39606          | Improved               | 0.73       |
| PENNA-505009200      | 1574552        | Improved               | 0.85       |
| PONTE-890102100      | 1552820        | Improved               | 0.57       |
| RICHM-505010300      | 2233002        | Improved               | 0.92       |
| SHAUN-505021150      | 2012048        | Improved               | 1.12       |
| STOUG-890100750      | 1575232        | Improved               | 1.24       |
| YOUNG-515011400      | 2244379        | Improved               | 1.39       |
| 367ST-505001300      | 1527659        | Vacant                 | 1.38       |
| 370FU-505001900      | 2209811        | Vacant                 | 1.32       |
| 370FU-505001950      | 2209812        | Vacant                 | 1.32       |
| 370FU-505002000      | 2209813        | Vacant                 | 1.65       |
| 397AL-505001650      | 2240561        | Vacant                 | 0.80       |
| 397BA-505000760      | 2019373        | Vacant                 | 0.95       |
| 397BA-505000780      | 2019374        | Vacant                 | 0.95       |
| 397BA-505001010      | 2227908        | Vacant                 | 0.88       |
| 397BA-505001030      | 2198212        | Vacant                 | 1.26       |
| 397BA-505001040      | 2198213        | Vacant                 | 1.26       |
| 397BA-505001050      | 2199094        | Vacant                 | 1.09       |
| 397BA-505001060      | 2199042        | Vacant                 | 1.08       |
| 397BA-505001070      | 2198218        | Vacant                 | 0.84       |
| 397BA-505001080      | 2198214        | Vacant                 | 0.84       |
| 397BA-505001090      | 2244693        | Vacant                 | 1.05       |
| 397BA-505001100      | 2198517        | Vacant                 | 1.36       |
| 397BA-505001120      | 2244486        | Vacant                 | 0.92       |
| 397BA-505020250      | 2215918        | Vacant                 | 1.00       |
| 397LV-505000150      | 2265437        | Vacant                 | 0.87       |
| 397LV-505000200      | 1501845        | Vacant                 | 0.77       |
| 397LV-505000350      | 1021084        | Vacant                 | 0.89       |
| 397LV-505001450      | 1580886        | Vacant                 | 1.00       |

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| 397LV-505001700      | 1567232        | Vacant                 | 0.76       |
| 397LV-505002350      | 2196497        | Vacant                 | 1.06       |
| 397LV-505002400      | 2218481        | Vacant                 | 1.07       |
| 397LV-505002450      | 1571861        | Vacant                 | 1.03       |
| 397LV-505003200      | 1509937        | Vacant                 | 1.00       |
| 397LV-505004250      | 1033402        | Vacant                 | 1.32       |
| 397LV-505005150      | 1022760        | Vacant                 | 1.00       |
| 397LV-505005300      | 1037613        | Vacant                 | 1.06       |
| 397LV-505005350      | 1029356        | Vacant                 | 1.00       |
| 397LV-505005400      | 1017731        | Vacant                 | 0.97       |
| 397LV-505007100      | 1502999        | Vacant                 | 1.00       |
| 397LV-505007150      | 2008243        | Vacant                 | 1.00       |
| 397LV-505007800      | 1503013        | Vacant                 | 0.99       |
| 426-000318200        | 1041330        | Vacant                 | 0.99       |
| 426BF-505001550      | 2079047        | Vacant                 | 0.92       |
| 426CR-505001300      | 1535836        | Vacant                 | 2.70       |
| 426CR-505001400      | 2022768        | Vacant                 | 0.37       |
| 426CR-505011050      | 1522762        | Vacant                 | 0.51       |
| 426CR-505012250      | 1575668        | Vacant                 | 0.31       |
| 426MC-504504650      | 1522096        | Vacant                 | 1.62       |
| 426MC-504504650      | 1536068        | Vacant                 | 1.13       |
| 426MC-504504900      | 2042660        | Vacant                 | 0.76       |
| 428RE-505001050      | 1524834        | Vacant                 | 0.75       |
| 429ET-505002000      | 1521783        | Vacant                 | 0.12       |
| 430CR-505000450      | 2045159        | Vacant                 | 1.07       |
| 430CR-505000450      | 2228993        | Vacant                 | 0.40       |
| 430CR-505000600      | 2029767        | Vacant                 | 0.76       |
| 430CR-505003700      | 1573885        | Vacant                 | 0.57       |
| 430ME-202001700      | 2212861        | Vacant                 | 1.04       |
| 430TW-404000700      | 2008015        | Vacant                 | 2.85       |
| 430TW-404001100      | 2233386        | Vacant                 | 0.93       |
| 430TW-404001700      | 1521879        | Vacant                 | 1.32       |
| 430TW-404001700      | 2215331        | Vacant                 | 1.51       |
| 430TW-404004300      | 1582463        | Vacant                 | 2.64       |
| 430TW-404004350      | 1582464        | Vacant                 | 2.64       |
| 430TW-404004400      | 1582465        | Vacant                 | 2.64       |
| 430TW-404005500      | 1515967        | Vacant                 | 1.01       |
| 430YC-353502550      | 2115328        | Vacant                 | 0.68       |
| 430YC-353503650      | 2233202        | Vacant                 | 1.45       |
| 430YC-353503950      | 2217076        | Vacant                 | 0.29       |
| 430YC-353504550      | 2233388        | Vacant                 | 1.19       |
| 430YC-353504650      | 2236914        | Vacant                 | 1.04       |
| 430YC-353505150      | 2239907        | Vacant                 | 0.94       |
| 430YC-353505250      | 2243149        | Vacant                 | 1.24       |
| 430YC-353505300      | 2250496        | Vacant                 | 1.24       |
| 430YC-353505400      | 2256050        | Vacant                 | 1.24       |

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| 430YC-353505500      | 2247178        | Vacant                 | 1.56       |
| 430YC-353506200      | 1522073        | Vacant                 | 2.73       |
| 430YC-353506250      | 1524992        | Vacant                 | 2.00       |
| 430YC-353506400      | 1524985        | Vacant                 | 2.00       |
| 430YC-353510000      | 2233193        | Vacant                 | 3.03       |
| 430YC-363602300      | 2100056        | Vacant                 | 1.00       |
| 431DO-606003850      | 2227847        | Vacant                 | 2.20       |
| 431DO-606005100      | 2212923        | Vacant                 | 1.36       |
| 458FA-505006100      | 1573242        | Vacant                 | 0.19       |
| 458GR-505005600      | 2233289        | Vacant                 | 0.12       |
| 460BR-505002200      | 2092322        | Vacant                 | 0.76       |
| 460HA-505003750      | 2033440        | Vacant                 | 0.36       |
| 463MC-505002950      | 1571643        | Vacant                 | 0.21       |
| 463MC-505008900      | 2212603        | Vacant                 | 0.03       |
| 488GA-505001450      | 2214845        | Vacant                 | 0.63       |
| 488GA-505001900      | 2056665        | Vacant                 | 0.97       |
| 488GA-505002850      | 1525789        | Vacant                 | 2.36       |
| 488GA-505003200      | 2209137        | Vacant                 | 0.65       |
| 488SN-505000450      | 1049041        | Vacant                 | 0.33       |
| 520FO-404001800      | 1504928        | Vacant                 | 0.52       |
| 520NO-505001400      | 1532235        | Vacant                 | 0.07       |
| 520NO-505002000      | 1047902        | Vacant                 | 0.04       |
| AYLSH-505000050      | 2225341        | Vacant                 | 1.34       |
| AYLSH-505002900      | 1519262        | Vacant                 | 3.24       |
| BEATT-505003150      | 1568022        | Vacant                 | 0.19       |
| LOVE-505001500       | 2182697        | Vacant                 | 1.07       |
| MEATH-404008550      | 1057091        | Vacant                 | 0.63       |
| MEATH-404008750      | 1532871        | Vacant                 | 0.08       |
| MISTA-505001600      | 1578192        | Vacant                 | 0.35       |
| MISTA-505005600      | 2223350        | Vacant                 | 0.33       |
| MISTA-505005700      | 2223351        | Vacant                 | 0.32       |
| PLEAS-505002600      | 2241957        | Vacant                 | 1.32       |
| PLEAS-505004750      | 1538144        | Vacant                 | 1.76       |
| SPALD-505008150      | 2015610        | Vacant                 | 0.42       |
| SPALD-505008200      | 2015611        | Vacant                 | 0.42       |
| SPALD-505008250      | 1520122        | Vacant                 | 1.06       |
| SPALD-505012900      | 1553975        | Vacant                 | 1.06       |
| SPALD-505012930      | 1553979        | Vacant                 | 1.06       |
| SPALD-505013250      | 1553981        | Vacant                 | 1.06       |
| STBEN-505000250      | 1541734        | Vacant                 | 2.26       |
| STBEN-505004950      | 1517556        | Vacant                 | 0.37       |
| WEIRD-505008100      | 1528943        | Vacant                 | 0.24       |
| WEIRD-505018650      | 2247813        | Vacant                 | 0.14       |
| ZENON-505001450      | 2099943        | Vacant                 | 1.08       |
| ZENON-505006900      | 2229254        | Vacant                 | 0.13       |