

| assessment_id | sale_id | Vacant_Improved | ASR |
|-----------------|---------|-----------------|------|
| 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 |
| MIDDL-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 |

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| 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 | 0.89 |
| 284-000827400 | 2371699 | Improved | 1.13 |
| AMYOT-505000650 | 1515213 | Improved | 1.07 |
| ASSIN-990110000 | 2323925 | Improved | 1.23 |
| BURST-505005800 | 2220171 | Improved | 0.72 |
| CARON-505201500 | 1524093 | Improved | 1.50 |
| COLON-505040000 | 2234988 | Improved | 1.52 |
| CREIG-505029850 | 2002756 | Improved | 1.33 |
| CUDWO-505007100 | 2232032 | Improved | 1.15 |
| CUTKN-990100300 | 2247820 | Improved | 0.55 |
| DEBDE-505043000 | 2231968 | Improved | 0.92 |
| FORTQ-505040150 | 2236002 | Improved | 0.99 |
| GLASL-505001220 | 1564569 | Improved | 0.71 |
| GRAVE-505033750 | 2082078 | Improved | 0.93 |
| HUDSO-504905000 | 1574870 | Improved | 0.72 |
| INDIA-414003140 | 2215449 | Improved | 0.70 |
| LARON-505003800 | 2184958 | Improved | 0.45 |

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| LARON-505103900 | 1055427 | Improved | 0.74 |
| LINTL-505015200 | 1571328 | Improved | 4.77 |
| LUCKY-505000050 | 2202105 | Improved | 1.45 |
| MAPLE-505002250 | 2029498 | Improved | 1.77 |
| NIPAW-495013850 | 39606 | Improved | 0.63 |
| PENNA-505009200 | 1574552 | Improved | 0.85 |
| PONTE-890102100 | 1552820 | Improved | 0.57 |
| RICHM-505010300 | 2233002 | Improved | 0.92 |
| SHAUN-505021150 | 2012048 | Improved | 1.06 |
| STLOU-505013500 | 1540709 | Improved | 0.51 |
| 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 |
| 426CR-505001300 | 1535836 | Vacant | 2.70 |
| 426CR-505001400 | 2022768 | Vacant | 0.37 |
| 426CR-505011050 | 1522762 | Vacant | 0.51 |
| 426CR-505012250 | 1575668 | Vacant | 0.31 |
| 428-000233101 | 2076644 | Vacant | |
| 428-000234301 | 2186906 | Vacant | |
| 428-000528202 | 1554099 | Vacant | 1.18 |
| 428-000529102 | 2102164 | Vacant | 1.00 |
| 428-000529303 | 2110557 | Vacant | 1.00 |
| 428-000532103 | 2102354 | Vacant | 0.69 |
| 428-000607225 | 1011996 | Vacant | 0.45 |
| 428-000624302 | 1028475 | Vacant | 1.00 |
| 428-000930402 | 2212608 | Vacant | 1.00 |
| 428-000930409 | 1564432 | Vacant | 1.00 |
| 428RE-505001050 | 1524834 | Vacant | 0.75 |
| 429-000120302 | 1518785 | Vacant | |
| 429-000208401 | 2211885 | Vacant | |
| 429-000314101 | 2219852 | Vacant | |
| 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 |

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| 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 |
| 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 |
| 458-000831102 | 1549729 | Vacant | |
| 458BR-505000200 | 2079542 | Vacant | 0.65 |
| 458BR-505002900 | 2230483 | Vacant | 0.63 |
| 458BR-505003030 | 2230484 | Vacant | 0.63 |
| 458BR-505008100 | 1511900 | Vacant | 2.14 |
| 458BR-505008300 | 1511899 | Vacant | 0.76 |
| 458FA-505006100 | 1573242 | Vacant | 0.19 |
| 458GR-505005600 | 2233289 | Vacant | 0.12 |
| 459-001010301 | 2209013 | Vacant | |
| 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 |
| 488SH-505000950 | 1573039 | Vacant | 1.01 |
| 488SH-505001000 | 1573040 | Vacant | 1.01 |
| 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 |
| RIDGE-505002450 | 2244681 | Vacant | 0.47 |
| RIDGE-505004900 | 1559048 | Vacant | 1.99 |
| RIDGE-505005300 | 1559050 | Vacant | 1.99 |
| RIDGE-505005800 | 1567052 | Vacant | 0.99 |
| RIDGE-505005850 | 1557864 | Vacant | 2.50 |
| RIDGE-505005900 | 1557865 | Vacant | 2.50 |

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| RIDGE-505009100 | 2215860 | Vacant | 0.35 |
| 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 |