

| assessment_id   | sale_id | Vacant_Improved | ASR  |
|-----------------|---------|-----------------|------|
| 367ST-505001300 | 1527659 | Vacant          | 1.38 |
| 367ST-505001350 | 1535929 | Improved        | 1.40 |
| 370CA-505001450 | 2173375 | Improved        | 0.73 |
| 370CA-505004500 | 2110513 | Improved        | 1.01 |
| 370FU-505001900 | 2209811 | Vacant          | 1.32 |
| 370FU-505001950 | 2209812 | Vacant          | 1.32 |
| 370FU-505002000 | 2209813 | Vacant          | 1.65 |
| 370MA-505002050 | 2219571 | Improved        | 0.53 |
| 397AL-505001100 | 1570746 | Improved        | 0.82 |
| 397AL-505001650 | 2240561 | Vacant          | 0.80 |
| 398LA-505000200 | 2060579 | Improved        | 3.88 |
| 426CH-505009700 | 1517442 | Improved        | 0.90 |
| 426CH-505010000 | 1564254 | Improved        | 1.79 |
| 426CR-505001100 | 1575665 | Improved        | 1.25 |
| 426CR-505001200 | 1520086 | Improved        | 0.79 |
| 426CR-505001300 | 1535836 | Vacant          | 2.70 |
| 426CR-505001400 | 2022768 | Vacant          | 0.37 |
| 426CR-505002450 | 2005030 | Improved        | 1.84 |
| 426CR-505011050 | 1522762 | Vacant          | 0.51 |
| 426CR-505012250 | 1575668 | Vacant          | 0.31 |
| 427EL-505001900 | 2006424 | Improved        | 0.72 |
| 427SY-505002350 | 1543270 | Improved        | 0.81 |
| 427SY-505003100 | 2124920 | Improved        | 0.91 |
| 428RE-505001050 | 1524834 | Vacant          | 0.75 |
| 428RE-505001150 | 1524835 | Improved        | 0.68 |
| 429ET-505002000 | 1521783 | Vacant          | 0.12 |
| 430BA-767602900 | 1511119 | Vacant          | 0.89 |
| 430BA-767603200 | 2079721 | Vacant          | 1.00 |
| 430BA-767603600 | 2016649 | Vacant          | 1.00 |
| 430BA-767604300 | 1522051 | Vacant          | 1.15 |
| 430CR-505000450 | 2045159 | Vacant          | 1.07 |
| 430CR-505000450 | 2228993 | Vacant          | 0.40 |
| 430CR-505000600 | 2029767 | Vacant          | 0.76 |
| 430CR-505001750 | 1550438 | Improved        | 1.33 |
| 430CR-505002800 | 2225020 | Improved        | 0.98 |
| 430CR-505003700 | 1573885 | Vacant          | 0.57 |
| 430ME-202001700 | 2212861 | Vacant          | 1.04 |
| 430ME-202003700 | 2236785 | Improved        | 1.59 |
| 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-353500500 | 2210270 | Improved        | 0.81 |
| 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 |

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| 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-353509200 | 1529384 | Improved | 2.15 |
| 430YC-353510000 | 2233193 | Vacant   | 3.03 |
| 430YC-363601200 | 2076735 | Improved | 1.71 |
| 430YC-363602000 | 2231668 | Improved | 1.55 |
| 430YC-363602300 | 2100056 | Vacant   | 1.00 |
| 431BE-404002570 | 1566119 | Improved | 1.00 |
| 431BE-404004550 | 2110278 | Improved | 0.78 |
| 431BE-404004950 | 1564783 | Improved | 0.92 |
| 431BE-404005350 | 1058103 | Improved | 1.32 |
| 431BE-404008350 | 2011407 | Improved | 1.49 |
| 431DO-606000400 | 1530421 | Improved | 1.12 |
| 431DO-606001050 | 2224339 | Improved | 1.57 |
| 431DO-606003200 | 1571831 | Improved | 0.71 |
| 431DO-606003500 | 2215034 | Improved | 1.98 |
| 431DO-606003600 | 2204042 | Improved | 0.99 |
| 431DO-606003850 | 2227847 | Vacant   | 2.20 |
| 431DO-606003900 | 1518627 | Improved | 0.73 |
| 431DO-606004000 | 2226327 | Improved | 0.77 |
| 431DO-606004200 | 2205833 | Improved | 0.69 |
| 431DO-606004950 | 1502849 | Improved | 0.78 |
| 431DO-606005100 | 2212923 | Vacant   | 1.36 |
| 431HO-505001100 | 1051050 | Improved | 1.13 |
| 431HO-505003550 | 2074156 | Improved | 0.73 |
| 458FA-505001900 | 1501657 | Improved | 1.85 |
| 458FA-505002100 | 2196036 | Improved | 1.23 |
| 458FA-505002300 | 2208500 | Improved | 0.88 |
| 458FA-505002600 | 2125059 | Improved | 1.24 |
| 458FA-505005300 | 2220671 | Improved | 0.95 |
| 458FA-505005900 | 2004725 | Improved | 0.82 |
| 458FA-505006100 | 1573242 | Vacant   | 0.19 |
| 458GR-505003400 | 1579044 | Improved | 1.08 |
| 458GR-505005600 | 2233289 | Vacant   | 0.12 |
| 458GR-505008450 | 2014651 | Improved | 0.47 |
| 460BR-505002200 | 2092322 | Vacant   | 0.76 |
| 460BR-505003250 | 1514782 | Improved | 0.47 |
| 460HA-505000050 | 2235479 | Improved | 1.85 |
| 460HA-505001100 | 2077093 | Improved | 1.02 |
| 460HA-505003700 | 1577333 | Improved | 0.75 |
| 460HA-505003750 | 2033440 | Vacant   | 0.36 |
| 463-000208000   | 1501624 | Improved | 0.86 |
| 463-000220000   | 1536912 | Vacant   | 0.94 |
| 463-000220500   | 1516249 | Improved | 0.89 |
| 463-000221000   | 1527515 | Vacant   | 1.00 |
| 463-000306102   | 2184351 | Improved | 0.84 |
| 463-000509400   | 1552628 | Vacant   | 0.97 |

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| 463-000530101   | 2159080 | Vacant   | 0.92 |
| 463-000530102   | 1567280 | Vacant   | 1.05 |
| 463-000530103   | 2229143 | Vacant   | 1.10 |
| 463-000530105   | 1558126 | Vacant   | 0.97 |
| 463-000530305   | 1526011 | Improved | 0.94 |
| 463-000609302   | 2184326 | Improved | 0.66 |
| 463-000610101   | 904258  | Vacant   | 1.02 |
| 463-000627401   | 2192926 | Improved | 0.55 |
| 463-000721401   | 1560642 | Improved | 0.99 |
| 463-001134401   | 1016797 | Vacant   | 0.60 |
| 463-001403202   | 2233129 | Improved | 1.20 |
| 463-001403400   | 882592  | Vacant   | 1.27 |
| 463-001403401   | 2191951 | Vacant   | 0.91 |
| 463-001403402   | 2125315 | Vacant   | 0.98 |
| 463-001403404   | 1579294 | Vacant   | 1.05 |
| 463-001404301   | 2235568 | Improved | 0.98 |
| 463-001413302   | 2224941 | Improved | 0.86 |
| 463-001715101   | 2234487 | Improved | 2.24 |
| 463-001736203   | 1513172 | Vacant   | 1.02 |
| 463-001736204   | 2102258 | Improved | 0.93 |
| 463-001736205   | 2206557 | Improved | 1.28 |
| 463-002119100   | 1506374 | Improved | 1.22 |
| 463-002119105   | 881478  | Vacant   | 1.00 |
| 463-002120101   | 2173437 | Improved | 1.14 |
| 463-002123105   | 1524837 | Improved | 0.81 |
| 463-002123201   | 1506606 | Improved | 1.03 |
| 463-002123210   | 1528627 | Improved | 1.22 |
| 463-002124200   | 1516728 | Improved | 0.70 |
| 463-002126201   | 1560646 | Improved | 1.01 |
| 463-002132101   | 1525716 | Improved | 1.05 |
| 463-002305300   | 2216831 | Improved | 1.23 |
| 463-002305303   | 1580874 | Improved | 1.13 |
| 463CL-000529127 | 1558067 | Improved | 0.87 |
| 463CL-000529129 | 1008417 | Improved | 0.96 |
| 463CL-000529134 | 1015691 | Improved | 0.99 |
| 463CL-000529137 | 930989  | Vacant   | 1.00 |
| 463CL-000529145 | 1563497 | Improved | 1.01 |
| 463CL-000529152 | 962787  | Vacant   | 1.03 |
| 463CL-000529153 | 898473  | Vacant   | 1.00 |
| 463CL-000529154 | 1017683 | Improved | 1.18 |
| 463CL-000529158 | 1048059 | Improved | 1.10 |
| 463CL-000529160 | 2188772 | Improved | 1.17 |
| 463MC-505001500 | 2234646 | Improved | 2.45 |
| 463MC-505002950 | 1571643 | Vacant   | 0.21 |
| 463MC-505003200 | 1571648 | Improved | 1.39 |
| 463MC-505003450 | 2211950 | Improved | 1.00 |
| 463MC-505004200 | 2180571 | Improved | 0.80 |
| 463MC-505005230 | 2194236 | Improved | 0.98 |
| 463MC-505006000 | 1518464 | Improved | 0.72 |
| 463MC-505006300 | 1508883 | Improved | 2.81 |
| 463MC-505008900 | 2212603 | Vacant   | 0.03 |
| 488GA-505001450 | 2214845 | Vacant   | 0.63 |
| 488GA-505001900 | 2056665 | Vacant   | 0.97 |

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| 488GA-505002850 | 1525789 | Vacant   | 2.36 |
| 488GA-505003200 | 2209137 | Vacant   | 0.65 |
| 488SN-505000450 | 1049041 | Vacant   | 0.33 |
| 488SN-505000750 | 1546104 | Improved | 1.50 |
| 488SN-505003600 | 2232161 | Improved | 1.01 |
| 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-505000300 | 2238427 | Improved | 0.71 |
| BEATT-505000850 | 1576410 | Improved | 0.28 |
| BEATT-505003150 | 1568022 | Vacant   | 0.19 |
| FOSST-505003100 | 2241532 | Improved | 1.48 |
| FOSST-505004950 | 2224531 | Improved | 1.15 |
| FOSST-505005850 | 1057491 | Improved | 0.77 |
| FOSST-505006700 | 2184533 | Improved | 2.77 |
| LOVE-505001500  | 2182697 | Vacant   | 1.07 |
| LOVE-505002400  | 2206233 | Improved | 0.74 |
| LOVE-505006450  | 1540732 | Improved | 0.95 |
| LOVE-505006650  | 2210816 | Improved | 0.51 |
| LOVE-505006750  | 1516042 | Improved | 0.69 |
| LOVE-505010200  | 2221132 | Improved | 0.66 |
| LOVE-505011000  | 2235603 | Improved | 1.00 |
| 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 |
| PILGE-505000450 | 2092500 | Improved | 0.56 |
| PILGE-505001050 | 1573036 | Improved | 0.95 |
| PILGE-505002150 | 1550503 | Improved | 0.62 |
| PILGE-505005950 | 1521090 | Improved | 1.24 |
| PILGE-505006400 | 2188082 | Improved | 1.08 |
| PLEAS-505002600 | 2241957 | Vacant   | 1.32 |
| PLEAS-505003300 | 2241992 | Improved | 1.04 |
| PLEAS-505004000 | 1528566 | Improved | 1.88 |
| PLEAS-505004550 | 2185551 | Improved | 1.44 |
| PLEAS-505004750 | 1538144 | Vacant   | 1.76 |
| PLEAS-505006800 | 2218817 | Improved | 1.07 |
| PLEAS-505007350 | 1050747 | Improved | 0.74 |
| RIDGE-505001950 | 1579093 | Improved | 2.16 |
| RIDGE-505006200 | 2232921 | Improved | 0.97 |
| RIDGE-505006300 | 2222882 | Improved | 2.61 |
| RIDGE-505006400 | 2222736 | Improved | 1.10 |
| RIDGE-505007600 | 1517498 | Improved | 0.98 |
| RIDGE-505008300 | 2233263 | Improved | 0.93 |
| RIDGE-505009200 | 1579094 | Improved | 1.28 |
| 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 |

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| SPALD-505013250 | 1553981 | Vacant   | 1.06 |
| STBEN-505000250 | 1541734 | Vacant   | 2.26 |
| STBEN-505000800 | 2218912 | Improved | 1.19 |
| STBEN-505000850 | 1502795 | Improved | 1.05 |
| STBEN-505000950 | 2181478 | Improved | 0.97 |
| STBEN-505001450 | 1559124 | Improved | 1.00 |
| STBEN-505001550 | 1575755 | Improved | 2.42 |
| STBEN-505001950 | 2076556 | Improved | 0.88 |
| STBEN-505004750 | 1505062 | Improved | 0.72 |
| STBEN-505004950 | 1517556 | Vacant   | 0.37 |
| STBEN-505005150 | 1052876 | Improved | 1.41 |
| STBEN-505008600 | 1529288 | Improved | 2.64 |
| STBEN-505010800 | 1512019 | Improved | 0.96 |
| VALPA-505004600 | 2006627 | Improved | 1.06 |
| WEIRD-505000350 | 1571151 | Improved | 1.00 |
| WEIRD-505001500 | 2225518 | Improved | 1.18 |
| WEIRD-505002800 | 2215962 | Improved | 0.70 |
| WEIRD-505006050 | 2212410 | Improved | 1.42 |
| WEIRD-505008100 | 1528943 | Vacant   | 0.24 |
| WEIRD-505018650 | 2247813 | Vacant   | 0.14 |
| WEIRD-505026000 | 1546148 | Improved | 1.07 |
| ZENON-505001450 | 2099943 | Vacant   | 1.08 |
| ZENON-505006900 | 2229254 | Vacant   | 0.13 |