

| 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 |
| 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 |
| 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-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 |
| 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-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 |
| 463MC-505002950 | 1571643 | Vacant   | 0.21 |
| 463MC-505008900 | 2212603 | Vacant   | 0.03 |
| 486-002217102   | 1569026 | Vacant   | 1.00 |
| 486-002218106   | 1018973 | Vacant   | 1.23 |
| 486-002218402   | 2006607 | Vacant   | 1.52 |

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|-----------------|---------|----------|------|
| 486-002218405   | 1550572 | Vacant   | 1.00 |
| 486-002218406   | 2191089 | Vacant   | 1.00 |
| 486-002220202   | 858555  | Vacant   | 0.77 |
| 486-002221108   | 1021468 | Vacant   | 0.93 |
| 487-000720202   | 1572482 | Vacant   | 1.21 |
| 487RP-707003350 | 2215759 | Vacant   | 1.75 |
| 487TL-505000150 | 2042211 | Vacant   | 1.00 |
| 487TL-505000350 | 2227787 | Improved | 1.09 |
| 487TL-505002100 | 1511849 | Improved | 0.99 |
| 487TL-505002900 | 2014254 | Improved | 1.20 |
| 488-000831205   | 1572314 | Improved | 0.47 |
| 488-000925101   | 1527910 | Improved | 0.65 |
| 488-000930300   | 2189158 | Improved | 0.74 |
| 488-001605400   | 2104780 | Vacant   | 0.39 |
| 488-001607403   | 2213779 | Improved | 1.00 |
| 488-001616002   | 848652  | Improved | 1.01 |
| 488-001616003   | 1519503 | Improved | 0.99 |
| 488-001616005   | 826348  | Improved | 0.90 |
| 488-001616006   | 815904  | Improved | 1.08 |
| 488-001616010   | 2201197 | Improved | 1.01 |
| 488-001618201   | 2092554 | Improved | 1.21 |
| 488-001620301   | 2022931 | Vacant   | 0.79 |
| 488-001621400   | 2008615 | Improved | 1.27 |
| 488-001622225   | 2254164 | Improved | 0.95 |
| 488-001622231   | 1582791 | Improved | 0.87 |
| 488-001622232   | 2254158 | Vacant   | 1.61 |
| 488-001630201   | 1574827 | Improved | 0.87 |
| 488-001701102   | 2002704 | Vacant   | 0.70 |
| 488-001716201   | 1517632 | Improved | 0.76 |
| 488-001809201   | 1577387 | Improved | 0.60 |
| 488-001835200   | 1581866 | Improved | 1.14 |
| 488-001915301   | 1518802 | Improved | 0.90 |
| 488-002021400   | 2235255 | Improved | 1.97 |
| 488-002309200   | 2002964 | Improved | 1.13 |
| 488-002516101   | 1522020 | Improved | 1.00 |
| 488-002519401   | 1548705 | Improved | 0.77 |
| 488-002527301   | 1565228 | Improved | 1.17 |
| 488-002604101   | 1516069 | Improved | 0.56 |
| 488-002608101   | 2230393 | Improved | 1.10 |
| 488-002627300   | 2003979 | Improved | 1.06 |
| 488-002704302   | 1535949 | Improved | 0.72 |
| 488-002707101   | 2076685 | Improved | 1.26 |
| 488-002710200   | 1532745 | Improved | 2.20 |
| 488-002729401   | 1529371 | Improved | 0.96 |
| 488-002820400   | 2136340 | Improved | 1.05 |
| 488-002917201   | 2004614 | Improved | 1.33 |
| 488-002918302   | 2032590 | Improved | 0.91 |
| 488-002925201   | 1580124 | Improved | 0.90 |
| 488-003006201   | 2005256 | Improved | 1.02 |
| 488-003116301   | 2016410 | Improved | 0.96 |
| 488-003517400   | 2234610 | Improved | 1.75 |
| 488-003633400   | 2180038 | Improved | 0.85 |
| 488-004001100   | 2202462 | Improved | 1.48 |

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| 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 |
| 488SN-505000750 | 1546104 | Improved | 1.50 |
| 488SN-505003600 | 2232161 | Improved | 1.01 |
| 488TL-505000100 | 1509887 | Improved | 0.99 |
| 488TL-505000200 | 2136831 | Improved | 0.87 |
| 488TL-505000553 | 2158998 | Improved | 0.99 |
| 488TL-505001500 | 1558013 | Improved | 0.93 |
| 488TL-505002300 | 872732  | Vacant   | 0.70 |
| 488TL-505002400 | 2056760 | Vacant   | 1.00 |
| 488TL-505002650 | 872733  | Vacant   | 1.00 |
| 488TL-505002800 | 1546355 | Improved | 0.94 |
| 488TL-505002900 | 1533539 | Improved | 1.09 |
| 488TL-505003050 | 806836  | Vacant   | 1.41 |
| 488TL-505008300 | 1550566 | Vacant   | 0.99 |
| 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 |

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