

| assessment_id   | sale_id | Vacant_Improved | ASR  |
|-----------------|---------|-----------------|------|
| 320-000109301   | 1566112 | Improved        | 0.90 |
| 320-000115301   | 2077215 | Improved        | 0.81 |
| 320-000127401   | 1506700 | Improved        | 0.83 |
| 320-000208201   | 2198347 | Improved        | 1.23 |
| 320-000518101   | 2198271 | Improved        | 0.70 |
| 320-000730400   | 1509753 | Improved        | 0.92 |
| 320-000804301   | 1575015 | Improved        | 0.95 |
| 321-000225401   | 1555357 | Improved        | 1.11 |
| 321-000225401   | 2186590 | Improved        | 0.99 |
| 349-000106300   | 1056461 | Improved        | 1.08 |
| 349-000128301   | 1500807 | Improved        | 1.00 |
| 350-000324101   | 2226484 | Improved        | 0.99 |
| 350-000536101   | 2198062 | Improved        | 0.99 |
| 351-000220201   | 1570808 | Improved        | 1.18 |
| 351-000317400   | 1048461 | Improved        | 1.25 |
| 351-000332400   | 1548910 | Improved        | 1.23 |
| 351-000332401   | 2198045 | Improved        | 1.47 |
| 351-000906201   | 1567216 | Improved        | 1.32 |
| 352-000902200   | 2014479 | Improved        | 0.58 |
| 352CA-505003900 | 2125166 | Improved        | 2.14 |
| 352CA-505005500 | 1530333 | Improved        | 1.18 |
| 377-000433300   | 2033446 | Improved        | 0.82 |
| 377-000518400   | 2185427 | Improved        | 0.97 |
| 377-001119400   | 1531306 | Improved        | 1.38 |
| 378-000136201   | 2217970 | Improved        | 1.16 |
| 378-000421201   | 2219907 | Improved        | 1.43 |
| 378-000728100   | 2227426 | Improved        | 0.80 |
| 378CA-505031500 | 2016585 | Vacant          | 1.12 |
| 378CA-505034600 | 2016594 | Vacant          | 0.87 |
| 378CA-505038150 | 2079718 | Vacant          | 2.88 |
| 378CA-505039000 | 1534230 | Improved        | 1.10 |
| 378CA-505039000 | 1540756 | Improved        | 0.97 |
| 378CA-505039150 | 1534231 | Improved        | 1.12 |
| 378CA-505039150 | 1540757 | Improved        | 0.59 |
| 378CA-505046200 | 2070951 | Vacant          | 0.85 |
| 378CA-505058400 | 1518617 | Improved        | 2.31 |
| 379-000503400   | 2201288 | Improved        | 0.87 |
| 379-000815401   | 1564999 | Improved        | 1.25 |
| 379-000831200   | 1564165 | Improved        | 1.31 |
| 379-000915200   | 1513275 | Improved        | 0.65 |
| 379-000936200   | 2148079 | Improved        | 1.02 |
| 380-000119401   | 1564215 | Improved        | 1.08 |
| 380-000202201   | 2220026 | Improved        | 1.11 |
| 380-000913401   | 1520297 | Improved        | 1.11 |
| 380-000914301   | 1578413 | Improved        | 0.88 |
| 380-000936101   | 2051711 | Improved        | 0.81 |
| 381-000627100   | 2216068 | Improved        | 1.05 |
| 381RE-505004000 | 1507737 | Improved        | 0.80 |
| 381SA-606000450 | 1053763 | Improved        | 0.67 |
| 381SA-606003050 | 2105147 | Vacant          | 2.30 |
| 381SA-606003200 | 2105148 | Vacant          | 2.30 |
| 381SA-606003450 | 2105149 | Vacant          | 2.30 |

|                 |         |          |      |
|-----------------|---------|----------|------|
| 381SA-606003900 | 2233730 | Improved | 1.10 |
| 382-000605301   | 2228945 | Improved | 0.95 |
| 382-000701301   | 2201957 | Improved | 0.80 |
| 382-000925301   | 1555382 | Improved | 1.01 |
| 382-000936201   | 1572385 | Improved | 0.52 |
| 382-001109102   | 2233710 | Improved | 0.94 |
| 382-001111101   | 2149679 | Improved | 0.70 |
| 382EV-505001600 | 2136824 | Improved | 0.70 |
| 382EV-505005000 | 1528058 | Improved | 0.57 |
| 382PR-404001150 | 1502588 | Improved | 1.99 |
| 382PR-404001750 | 1544270 | Vacant   | 1.15 |
| 382PR-404001850 | 1544372 | Vacant   | 1.38 |
| 382PR-404001950 | 1550623 | Improved | 1.13 |
| 382PR-404002850 | 2188019 | Vacant   | 0.39 |
| 382PR-404003050 | 1522665 | Improved | 0.96 |
| 382PR-404003050 | 2223657 | Improved | 0.99 |
| 382PR-404003300 | 2189867 | Improved | 1.65 |
| 382PR-404003800 | 1545978 | Vacant   | 1.11 |
| 406-000412100   | 1581551 | Improved | 1.44 |
| 406-000632201   | 2198428 | Improved | 1.07 |
| 406-001007201   | 2070866 | Improved | 1.37 |
| 406-001131200   | 2222585 | Improved | 0.85 |
| 406-001131302   | 1573002 | Improved | 0.80 |
| 406-001236201   | 1547058 | Improved | 0.90 |
| 409-000127401   | 1508997 | Improved | 0.80 |
| 409-000127402   | 2217922 | Improved | 1.16 |
| 409-000209401   | 1543524 | Improved | 0.82 |
| 409-000512300   | 2051294 | Improved | 0.99 |
| 409-000612101   | 2136849 | Improved | 0.91 |
| 409-000833401   | 1552886 | Improved | 1.02 |
| 409PH-505001850 | 2005340 | Vacant   | 0.27 |
| 410-000201303   | 2223666 | Improved | 0.91 |
| 410-000212401   | 1528585 | Improved | 1.38 |
| 410-000219401   | 2186914 | Improved | 1.48 |
| 410-000223202   | 1560573 | Improved | 0.63 |
| 410-000409200   | 2215133 | Improved | 0.86 |
| 410-000434301   | 1546134 | Improved | 1.56 |
| 410-000532301   | 2042461 | Improved | 0.86 |
| 410-000813301   | 1524115 | Improved | 1.63 |
| 411SU-757500250 | 2325545 | Improved | 0.84 |
| 411SU-757500400 | 2245975 | Improved | 1.20 |
| 411SU-757500450 | 2325549 | Improved | 0.99 |
| 411SU-757500650 | 2003772 | Improved | 0.55 |
| 411SU-757500750 | 2245976 | Improved | 0.68 |
| 411SU-757501600 | 2325546 | Improved | 1.59 |
| 411SU-757501850 | 2325553 | Improved | 0.88 |
| 411SU-757501900 | 2003771 | Improved | 0.86 |
| 411SU-757502000 | 2325555 | Improved | 0.75 |
| 411SU-757502900 | 2325552 | Improved | 1.09 |
| 411SU-757503000 | 2325543 | Improved | 1.67 |
| 411SU-757503150 | 2325544 | Improved | 1.17 |
| 411SU-757503250 | 2325550 | Improved | 1.18 |
| 436-000214301   | 2233084 | Improved | 0.96 |

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|-----------------|---------|----------|------|
| 436-000331201   | 2159041 | Improved | 1.20 |
| 436-000617300   | 1569753 | Improved | 0.93 |
| 436-000909101   | 1555426 | Improved | 1.03 |
| 439-000130301   | 2233440 | Improved | 1.07 |
| 439-000420101   | 1529374 | Improved | 0.77 |
| 439-000505402   | 1546886 | Improved | 1.17 |
| 439RO-405000050 | 1512316 | Vacant   | 0.97 |
| 439RO-405003050 | 2195891 | Vacant   | 1.38 |
| 439WI-505000200 | 2206391 | Improved | 0.82 |
| 440-000128100   | 2051118 | Improved | 1.47 |
| 440-000329301   | 1540180 | Improved | 1.42 |
| 440-000706102   | 2173566 | Improved | 0.85 |
| 440-000716401   | 2212835 | Improved | 1.32 |
| 440-000729201   | 2180567 | Improved | 0.73 |
| 440-001006101   | 2226270 | Improved | 1.25 |
| 440-001033300   | 2181661 | Improved | 1.16 |
| 440-001131300   | 2158760 | Improved | 1.14 |
| 442-000826101   | 1571656 | Improved | 1.20 |
| 442-001013401   | 1522748 | Improved | 0.58 |
| 442-001026200   | 2223562 | Improved | 1.29 |
| 442-001112201   | 2050110 | Improved | 0.59 |
| 442-001118203   | 2212160 | Improved | 1.26 |
| 442-001201201   | 1511352 | Improved | 0.55 |
| 466-000301301   | 2197032 | Improved | 1.28 |
| 466MA-303001000 | 1546714 | Improved | 1.71 |
| 466MU-404001450 | 2238951 | Improved | 0.68 |
| 467-000507400   | 2194946 | Improved | 1.48 |
| 467RA-606002750 | 2017545 | Improved | 1.50 |
| 467RA-606003850 | 2056953 | Improved | 1.06 |
| 467RA-606004250 | 2017546 | Improved | 2.74 |
| 467RA-606004600 | 1510845 | Improved | 0.62 |
| 467RA-606005500 | 1534082 | Improved | 0.78 |
| 467RA-606008450 | 2214953 | Vacant   | 0.88 |
| 467RA-606009200 | 2214952 | Vacant   | 0.93 |
| 467RA-606015500 | 2198394 | Improved | 1.12 |
| 468-001034300   | 2004531 | Improved | 0.78 |
| 468PR-505002100 | 2186697 | Improved | 0.64 |
| 468PR-505007900 | 1525677 | Improved | 0.87 |
| 469-000610400   | 2002152 | Improved | 1.46 |
| 469VA-404001900 | 2053870 | Improved | 1.00 |
| 469VA-404002950 | 1531366 | Improved | 1.57 |
| 470-000429401   | 2224481 | Improved | 0.93 |
| 470-000512100   | 2231615 | Improved | 1.06 |
| 470-000513200   | 1556286 | Improved | 0.97 |
| 470-000916201   | 2072921 | Improved | 1.12 |
| 470-000929301   | 1511093 | Improved | 1.05 |
| 470-001006201   | 1555329 | Improved | 0.69 |
| 470-001006301   | 1572348 | Improved | 1.32 |
| 496BA-303001000 | 1563421 | Improved | 1.22 |
| 496GJ-404000650 | 2191508 | Vacant   | 0.97 |
| 496GJ-404000700 | 1036054 | Vacant   | 1.02 |
| 496SS-505002010 | 2215055 | Vacant   | 0.98 |
| 496SS-505002030 | 2211541 | Vacant   | 0.98 |

|                 |         |          |      |
|-----------------|---------|----------|------|
| 496SS-505002040 | 2215171 | Vacant   | 1.01 |
| 496SS-505002050 | 2211538 | Vacant   | 1.91 |
| 497-000808201   | 1503755 | Improved | 0.91 |
| 497BE-485000950 | 2053817 | Improved | 1.17 |
| 497GL-505000750 | 1551229 | Improved | 1.24 |
| 498-000306401   | 1547054 | Improved | 1.05 |
| 498-000432201   | 1579084 | Improved | 1.05 |
| 498-000536100   | 2220126 | Improved | 1.17 |
| 498-000702100   | 1572893 | Improved | 0.92 |
| 498-001108301   | 1570841 | Improved | 1.45 |
| 498FA-404000050 | 1536972 | Vacant   | 0.93 |
| 498FA-404000100 | 2227237 | Vacant   | 1.40 |
| 498FA-404001400 | 1540686 | Vacant   | 0.40 |
| 498FA-404004000 | 2225910 | Vacant   | 5.20 |
| 498RO-303000400 | 2092619 | Vacant   | 0.54 |
| 499-000228401   | 1519732 | Improved | 0.69 |
| 499-000324200   | 2079148 | Improved | 1.13 |
| 499-000416101   | 2181203 | Improved | 0.66 |
| 499-000419201   | 1524034 | Improved | 1.27 |
| 499-000607301   | 2199174 | Improved | 0.90 |
| 499-000613101   | 1540688 | Improved | 0.85 |
| 499-000935200   | 1573347 | Improved | 0.96 |
| 499-001714102   | 2228033 | Improved | 1.00 |
| 499-001726402   | 2233668 | Improved | 0.87 |
| 499-001820201   | 2187813 | Improved | 0.93 |
| 499-001821203   | 2225281 | Improved | 1.10 |
| 499-001822200   | 2197072 | Improved | 0.81 |
| 499-001834301   | 1574890 | Improved | 1.55 |
| 499LI-505000300 | 1547666 | Improved | 1.86 |
| 499LI-505000500 | 2203815 | Improved | 1.50 |
| 499LI-505000700 | 2136748 | Improved | 0.85 |
| 499LI-505001800 | 1567966 | Improved | 0.90 |
| 499LI-505002050 | 1516792 | Improved | 0.74 |
| 499LI-505002950 | 2182814 | Improved | 1.59 |
| 499LI-505003100 | 1569823 | Improved | 0.88 |
| 499LI-505005300 | 2214529 | Improved | 0.69 |
| 499LI-505007500 | 2199667 | Improved | 1.25 |
| 499SP-505000700 | 2229508 | Improved | 0.49 |
| 499SP-505001050 | 1566136 | Improved | 0.98 |
| 499SP-505002550 | 2229272 | Improved | 0.46 |
| 499SP-505002950 | 2217766 | Improved | 0.84 |
| 499SP-505003300 | 2016561 | Vacant   | 0.75 |
| 499SP-505003500 | 2217658 | Improved | 0.72 |
| 499SP-505003770 | 2033645 | Vacant   | 0.24 |
| 499SP-505005950 | 2004704 | Vacant   | 0.90 |
| 561-001103201   | 2016437 | Improved | 0.58 |
| 561-001201200   | 2234025 | Improved | 0.86 |
| 561-001302400   | 2229593 | Improved | 1.01 |
| 561-001907201   | 2002714 | Improved | 1.09 |
| 561-001926302   | 2015922 | Improved | 1.29 |
| 561-002004101   | 2078947 | Improved | 0.97 |
| 561-002027301   | 1542620 | Improved | 0.86 |
| 561-002036301   | 2205643 | Improved | 0.44 |

|                 |         |          |      |
|-----------------|---------|----------|------|
| 561-002108101   | 2198525 | Improved | 0.71 |
| 561-002936300   | 2194148 | Improved | 0.91 |
| 622GO-303000300 | 1529289 | Improved | 0.41 |
| DENZI-505002050 | 2226463 | Improved | 0.71 |
| DENZI-505002150 | 2209681 | Improved | 2.66 |
| DENZI-505003300 | 1520075 | Improved | 0.61 |
| DENZI-505003650 | 1053650 | Improved | 0.50 |
| DENZI-505008850 | 1058264 | Improved | 0.66 |
| DENZI-505009200 | 2231525 | Improved | 0.48 |
| DENZI-505009650 | 2076396 | Vacant   | 1.31 |
| DENZI-505009750 | 1504797 | Improved | 0.65 |
| DENZI-505010550 | 1546721 | Improved | 0.37 |
| DENZI-505010900 | 2234042 | Improved | 0.87 |
| DENZI-505012500 | 1579930 | Improved | 1.06 |
| DENZI-505013800 | 2079454 | Improved | 0.84 |
| LANDI-505003600 | 1510981 | Improved | 0.78 |
| LANDI-505003900 | 1576389 | Improved | 1.56 |
| LANDI-505004200 | 2192586 | Improved | 1.17 |
| LANDI-505007300 | 2076517 | Vacant   | 1.05 |
| LANDI-505008300 | 1559112 | Improved | 1.54 |
| LANDI-505008300 | 2187762 | Improved | 0.92 |
| LANDI-505009050 | 2154903 | Vacant   | 2.10 |
| LANDI-505011000 | 1520123 | Improved | 1.20 |
| LANDI-505012750 | 1567996 | Improved | 0.81 |
| LANDI-505012850 | 2015623 | Improved | 2.44 |
| LANDI-505013150 | 1580802 | Improved | 1.19 |
| LANDI-505013400 | 1559113 | Improved | 0.68 |
| LANDI-505013600 | 1557924 | Improved | 1.18 |
| LANDI-505013600 | 2078919 | Improved | 1.09 |
| LANDI-505013800 | 2053891 | Improved | 0.85 |
| LANDI-505014000 | 1516819 | Improved | 1.37 |
| LANDI-505014000 | 1583501 | Improved | 1.44 |
| LANDI-505015400 | 2080494 | Improved | 0.90 |
| MAJOR-505001150 | 2225516 | Vacant   | 1.44 |
| MAJOR-505002020 | 2077175 | Improved | 1.21 |
| MAJOR-505002020 | 2182467 | Vacant   | 1.49 |
| MAJOR-505002080 | 2202577 | Vacant   | 0.88 |
| MAJOR-505002140 | 2002679 | Vacant   | 1.44 |
| MAJOR-505002300 | 2042382 | Improved | 2.51 |
| MAJOR-505002300 | 2158880 | Improved | 2.04 |
| MAJOR-505007210 | 2216172 | Vacant   | 0.18 |
| MAJOR-505009040 | 2002680 | Improved | 2.95 |
| MAJOR-505021600 | 2015587 | Improved | 0.83 |
| MEDST-505000050 | 2136695 | Improved | 0.98 |
| MEDST-505001500 | 1545165 | Improved | 2.19 |
| MEDST-505003300 | 1048905 | Improved | 0.56 |
| MEDST-505005350 | 1571836 | Improved | 1.14 |
| MEDST-505005400 | 1574715 | Improved | 0.76 |
| MEDST-505005400 | 2078840 | Improved | 0.76 |
| MEDST-505006100 | 1519265 | Improved | 0.89 |
| MEDST-505006150 | 2219007 | Improved | 0.95 |
| MEDST-505006850 | 2004481 | Improved | 0.53 |
| MEDST-505006900 | 1057383 | Improved | 0.77 |

|                 |         |          |      |
|-----------------|---------|----------|------|
| MEDST-505006900 | 1560297 | Improved | 0.67 |
| MEDST-505007200 | 1582815 | Improved | 1.05 |
| RICHA-505002700 | 1559142 | Improved | 1.02 |
| RICHA-505003550 | 1543482 | Improved | 1.11 |
| RICHA-505003850 | 1556689 | Improved | 1.27 |
| RUDDE-505006000 | 1565170 | Improved | 0.83 |
| RUDDE-505006900 | 1506992 | Improved | 1.16 |
| SCOTT-505007010 | 1560731 | Improved | 0.91 |
| SCOTT-505007140 | 2083026 | Improved | 1.03 |
| SCOTT-505007220 | 2006877 | Improved | 1.42 |
| SCOTT-505012200 | 1509993 | Improved | 0.61 |
| SCOTT-505015230 | 1578427 | Improved | 0.71 |
| SENLA-505004600 | 1581595 | Improved | 2.41 |
| SENLA-505004600 | 2008068 | Improved | 2.41 |
| SENLA-505004800 | 1525787 | Improved | 0.89 |
| SMILE-505000150 | 2214420 | Improved | 1.24 |
| SMILE-505000750 | 2198230 | Vacant   | 0.84 |
| SMILE-505005650 | 2045081 | Vacant   | 0.93 |
| SMILE-505006150 | 1058387 | Improved | 0.71 |
| SMILE-505006200 | 1510844 | Improved | 0.91 |
| SMILE-505008600 | 2101957 | Vacant   | 0.78 |
| SPEER-505002450 | 2205650 | Improved | 1.34 |
| SPEER-505002650 | 2226369 | Vacant   | 2.34 |
| SPEER-505003950 | 2220652 | Improved | 1.85 |
| SPEER-505004400 | 2042413 | Improved | 1.14 |
| SPEER-505006400 | 2029856 | Improved | 0.59 |
| SPEER-505007550 | 1577258 | Improved | 0.70 |
| TRAMP-505008060 | 1519353 | Improved | 2.55 |
| TRAMP-505009020 | 1551305 | Improved | 1.13 |
| TRAMP-505017090 | 1533344 | Improved | 1.15 |
| TRAMP-505018140 | 2233447 | Improved | 1.18 |
| TRAMP-505105110 | 1553990 | Improved | 1.71 |
| TRAMP-505106230 | 2201983 | Improved | 0.88 |