

| assessment_id   | sale_id | Vacant_Improved | ASR  |
|-----------------|---------|-----------------|------|
| 002-000706405   | 1565740 | Improved        | 0.89 |
| 003-000827303   | 2331722 | Improved        | 0.80 |
| 003-000827410   | 2391740 | Improved        | 0.40 |
| 004-000630402   | 2402895 | Improved        | 1.16 |
| 004-000711101   | 1548129 | Improved        | 1.01 |
| 004HI-505003250 | 2364785 | Improved        | 0.98 |
| 005-000423302   | 2016546 | Improved        | 1.22 |
| 005-000423306   | 2283178 | Improved        | 1.18 |
| 005-000514456   | 2056244 | Improved        | 1.53 |
| 007-000421100   | 1521396 | Improved        | 0.62 |
| 035-000305430   | 2318033 | Improved        | 0.53 |
| 037-000533210   | 1565299 | Improved        | 0.65 |
| 037-000705101   | 1541354 | Improved        | 1.73 |
| 038-000518201   | 1513235 | Improved        | 1.30 |
| 038-000912301   | 2229230 | Improved        | 0.87 |
| 040-000825401   | 2317711 | Improved        | 0.68 |
| 040-001028310   | 2285894 | Improved        | 0.89 |
| 040-001028310   | 2339315 | Improved        | 1.33 |
| 063-000218300   | 2206424 | Improved        | 0.73 |
| 063-000234410   | 1555348 | Improved        | 1.85 |
| 063-000613300   | 1503344 | Improved        | 1.19 |
| 063-000613300   | 1543037 | Improved        | 0.65 |
| 064-000108101   | 1532518 | Improved        | 0.71 |
| 064-000716310   | 1507989 | Improved        | 0.88 |
| 064-000716310   | 1516998 | Improved        | 0.83 |
| 065-000932300   | 2249693 | Improved        | 0.97 |
| 066GR-500522550 | 2080624 | Improved        | 1.03 |
| 067-000510104   | 2323317 | Improved        | 1.11 |
| 067-000519218   | 2351566 | Improved        | 1.26 |
| 067-000519222   | 2223978 | Vacant          | 1.92 |
| 067-000519225   | 2045330 | Vacant          | 1.00 |
| 067-000519240   | 2207446 | Vacant          | 1.10 |
| 067-000519245   | 2016850 | Improved        | 0.71 |
| 067-000519269   | 2396141 | Vacant          | 1.24 |
| 067-000530405   | 2192370 | Vacant          | 0.34 |
| 067-000530413   | 2400795 | Vacant          | 0.34 |
| 067-000632302   | 1574921 | Improved        | 1.14 |
| 067-000902410   | 2476537 | Vacant          | 0.95 |
| 067EV-535100150 | 2402143 | Improved        | 0.89 |
| 067EV-535100500 | 1577399 | Improved        | 1.23 |
| 067EV-535101800 | 1583630 | Improved        | 1.11 |
| 067EV-535102100 | 2045322 | Improved        | 1.72 |
| 067EV-535103400 | 2092599 | Improved        | 1.00 |
| 067EV-535103475 | 1581703 | Vacant          | 0.92 |
| 067EV-535103800 | 2022981 | Improved        | 0.72 |
| 067EV-535104000 | 2056818 | Improved        | 0.59 |
| 067NW-505011000 | 2329851 | Improved        | 0.89 |
| 068TR-500505600 | 2345864 | Improved        | 1.13 |
| 069-000516402   | 1518866 | Improved        | 0.74 |
| 093-000411210   | 1506699 | Improved        | 1.07 |
| 093-000411220   | 2367299 | Improved        | 0.94 |
| 095CO-500501350 | 1523758 | Improved        | 1.72 |

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|-----------------|---------|----------|------|
| ALAME-505003600 | 2338617 | Improved | 1.00 |
| ALAME-505003800 | 2339442 | Improved | 1.16 |
| ALAME-505004300 | 2362003 | Improved | 0.70 |
| ALIDA-505006100 | 2407395 | Improved | 0.83 |
| ALIDA-505009900 | 2397920 | Improved | 1.15 |
| ALIDA-505018100 | 2358301 | Improved | 0.49 |
| ALIDA-505021000 | 2240631 | Improved | 1.47 |
| BENGO-404000700 | 1509282 | Improved | 2.41 |
| BENGO-404000750 | 1058037 | Improved | 0.85 |
| BENGO-404000750 | 2446154 | Improved | 0.90 |
| BENGO-404001275 | 2224952 | Improved | 2.10 |
| BENGO-404001375 | 2450342 | Improved | 0.89 |
| BENGO-404002050 | 2056020 | Improved | 0.82 |
| BENGO-404002050 | 2320646 | Improved | 0.82 |
| CEYLO-505000300 | 1510562 | Improved | 2.20 |
| CEYLO-505002650 | 1552120 | Improved | 1.65 |
| CORON-505000650 | 1550121 | Improved | 0.53 |
| CORON-505002450 | 2457746 | Improved | 1.54 |
| CORON-505002600 | 1503459 | Improved | 1.32 |
| CORON-505003850 | 1566661 | Improved | 2.11 |
| CORON-505013200 | 2290744 | Improved | 1.80 |
| CORON-505078250 | 2399360 | Improved | 1.14 |
| CREEL-505003200 | 2325688 | Improved | 1.27 |
| DALME-515001350 | 2343581 | Improved | 1.08 |
| FILLM-404001650 | 2183437 | Improved | 0.58 |
| FILLM-404005000 | 1563806 | Improved | 0.65 |
| FILLM-404006600 | 2406713 | Improved | 1.76 |
| FILLM-404007250 | 2405179 | Improved | 1.95 |
| FILLM-404007850 | 1516425 | Improved | 0.48 |
| FILLM-404007850 | 2291773 | Improved | 0.60 |
| FORGE-505001500 | 1055071 | Improved | 0.61 |
| FROBI-505001250 | 2296007 | Improved | 2.11 |
| FROBI-505018950 | 2029502 | Improved | 1.18 |
| GAINS-505016300 | 2385080 | Improved | 1.09 |
| GLENE-505001550 | 2338523 |          | 2.49 |
| KISBE-505003500 | 2454665 | Improved | 1.84 |
| KISBE-505019250 | 2001930 | Improved | 0.48 |
| LANG-505011100  | 1541419 | Improved | 1.12 |
| LANGH-505002100 | 2382991 | Improved | 1.03 |
| MANOR-505003950 | 1548061 | Improved | 1.66 |
| MANOR-505014450 | 2328650 | Improved | 0.74 |
| MARYF-505006750 | 1545776 | Improved | 0.55 |
| OGEMA-505002650 | 2370078 | Improved | 0.64 |
| OGEMA-505003150 | 2262448 | Improved | 0.69 |
| OGEMA-505003150 | 2413304 | Improved | 0.51 |
| OGEMA-505005150 | 1569612 | Improved | 0.58 |
| OGEMA-505005150 | 2311683 | Improved | 0.81 |
| OGEMA-505016000 | 2403540 | Improved | 1.58 |
| OSLER-404025140 | 1545315 | Improved | 0.64 |
| OSLER-404025140 | 2371768 | Improved | 0.63 |
| PANGM-505015050 | 2310786 | Improved | 0.99 |
| RADVI-503007500 | 2285397 | Improved | 1.78 |
| RADVI-505000350 | 2401333 | Improved | 0.96 |

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|-----------------|---------|----------|------|
| RADVI-505000400 | 2204182 | Improved | 0.98 |
| RADVI-505000400 | 2320125 | Improved | 1.12 |
| RADVI-505001700 | 2470507 | Improved | 0.50 |
| RADVI-505004600 | 2199392 | Improved | 1.41 |
| RADVI-505006500 | 1502498 | Improved | 0.66 |
| ROCKG-505004800 | 2416579 | Improved | 1.07 |
| ROCKG-505006000 | 1505710 | Improved | 1.97 |
| ROCKG-505006550 | 1562422 | Improved | 1.25 |
| SOUTH-505008000 | 2244919 | Improved | 1.00 |
| TORQU-505002900 | 1504649 | Improved | 1.86 |
| WEYBU-495114200 | 2384583 | Improved | 0.61 |
| WEYBU-495211150 | 2350585 | Improved | 1.00 |
| WEYBU-495212400 | 1537113 | Improved | 1.00 |
| WEYBU-495212900 | 2399787 | Improved | 0.67 |
| WEYBU-504807600 | 2326320 | Improved | 0.71 |
| WEYBU-504809875 | 1554351 | Improved | 0.99 |
| WEYBU-504811150 | 2256643 | Improved | 0.66 |
| WEYBU-504811600 | 1549524 | Improved | 0.84 |
| WEYBU-504828800 | 2439857 | Improved | 0.88 |
| WEYBU-504845200 | 2404315 | Improved | 1.06 |
| WEYBU-505010150 | 2238158 | Improved | 1.04 |
| WEYBU-505015700 | 1558677 | Improved | 1.07 |
| WEYBU-505015750 | 1550129 | Improved | 0.81 |
| WEYBU-505015800 | 2182930 | Improved | 1.01 |
| WEYBU-505015950 | 2082733 | Improved | 0.91 |
| WEYBU-505016050 | 2314881 | Improved | 1.06 |
| WEYBU-505016300 | 2395647 | Improved | 1.34 |
| WEYBU-505016600 | 2449251 | Improved | 0.92 |
| WEYBU-505021700 | 2288457 | Improved | 1.59 |
| WEYBU-505021900 | 2232167 | Improved | 1.00 |
| WEYBU-505022200 | 2006216 | Improved | 1.16 |
| WEYBU-505022250 | 2454051 | Improved | 0.78 |
| WEYBU-505022375 | 2417297 | Improved | 0.90 |
| WEYBU-505022400 | 1578800 | Improved | 1.01 |
| WEYBU-505022500 | 2409440 | Improved | 0.88 |
| WEYBU-505027150 | 2330605 | Improved | 1.05 |
| WEYBU-505027300 | 2400543 | Improved | 1.16 |
| WEYBU-505027350 | 2196167 | Improved | 1.06 |
| WEYBU-505027550 | 2296848 | Improved | 0.91 |
| WEYBU-505028902 | 1056723 | Improved | 1.13 |
| WEYBU-505029150 | 2082112 | Improved | 0.84 |
| WEYBU-505034050 | 2248124 | Improved | 0.99 |
| WEYBU-505034250 | 2056207 | Improved | 1.00 |
| WEYBU-505034450 | 2455260 | Improved | 0.82 |
| WEYBU-505035500 | 2041933 | Improved | 0.94 |
| WEYBU-505036550 | 2006217 | Improved | 1.13 |
| WEYBU-505040250 | 1548268 | Improved | 0.76 |
| WEYBU-505200101 | 2206330 | Improved | 0.85 |
| WEYBU-505200300 | 2283572 | Improved | 0.79 |
| WEYBU-514901300 | 2253867 | Improved | 0.82 |
| WEYBU-515004800 | 1576881 | Improved | 1.10 |
| WEYBU-515006150 | 2379458 | Improved | 1.38 |
| WEYBU-515106250 | 2201865 | Improved | 1.04 |

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|-----------------|---------|----------|------|
| WEYBU-515106400 | 2201797 | Improved | 0.81 |
| WEYBU-515111650 | 2404656 | Improved | 1.12 |
| WEYBU-515111950 | 2124784 | Improved | 1.02 |
| WEYBU-515112150 | 2458733 | Improved | 1.07 |
| WEYBU-515112250 | 2391688 | Improved | 0.80 |
| WEYBU-515115200 | 2124785 | Improved | 0.93 |
| WEYBU-515118150 | 2302887 | Improved | 1.01 |
| WEYBU-515123450 | 2375898 | Improved | 0.74 |
| WEYBU-515200300 | 2209589 | Improved | 1.29 |
| WEYBU-515200625 | 1513268 | Improved | 0.99 |
| WEYBU-515201200 | 1536747 | Improved | 0.75 |
| WEYBU-524928450 | 1515643 | Improved | 0.64 |
| WEYBU-525000750 | 2079359 | Improved | 1.08 |
| WEYBU-525102250 | 2358973 | Improved | 1.81 |
| WEYBU-525201153 | 2293141 | Improved | 1.56 |
| WEYBU-525201154 | 2385499 | Improved | 1.22 |
| WEYBU-525201155 | 2293144 | Improved | 1.49 |
| WEYBU-525201156 | 2293146 | Improved | 1.12 |
| WEYBU-525201157 | 2293148 | Improved | 1.06 |
| WEYBU-525201158 | 2293150 | Improved | 0.90 |
| WEYBU-525201159 | 2293152 | Improved | 1.13 |
| WEYBU-525201160 | 2004786 | Improved | 1.30 |
| WILLO-505012175 | 2199259 | Improved | 1.05 |
| WILLO-505012175 | 2439853 | Improved | 1.16 |
| 070KA-505012350 | 2440881 | Improved | 0.35 |
| 070KA-990100200 | 2414051 | Improved | 1.50 |
| 128-000403401   | 2299560 | Improved | 0.63 |
| 137SW-504505760 | 2451157 | Improved | 0.84 |
| 158GP-404028050 | 2245721 | Improved | 0.95 |
| 159SI-606005300 | 2360462 | Improved | 1.07 |
| 159SI-606020200 | 2327977 | Improved | 0.68 |
| 159SI-606100600 | 2307349 | Improved | 1.01 |
| 159SI-606109800 | 2387657 | Improved | 3.01 |
| 159WI-656503400 | 2412681 | Improved | 0.79 |
| 217-000226300   | 2405078 | Improved | 1.38 |
| 224LA-990000250 | 1554395 | Improved | 1.03 |
| 244-000404301   | 2395187 | Improved | 0.99 |
| 244-000414311   | 2229449 | Improved | 0.93 |
| 254-000813401   | 2315104 | Improved | 0.76 |
| 255-000415302   | 2239468 | Improved | 0.97 |
| 259-001027401   | 1512133 | Improved | 1.01 |
| 261-001815401   | 1512139 | Improved | 1.09 |
| 271-001406302   | 2336669 | Improved | 0.69 |
| 286-000122102   | 1512213 | Improved | 1.14 |
| 344-000505102   | 2446122 | Improved | 0.59 |
| 344-000819350   | 2188916 | Improved | 0.84 |
| 344-000819410   | 2353023 | Improved | 0.95 |
| 344-000819430   | 2340083 | Improved | 0.70 |
| 370CA-505006400 | 2287249 | Improved | 1.39 |
| 437-000325406   | 2232303 | Improved | 1.02 |
| 437-000629402   | 2074568 | Improved | 1.56 |
| 461LP-505019600 | 2443552 | Improved | 0.90 |
| 468CA-505000100 | 2459318 | Improved | 1.03 |

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|-----------------|---------|----------|------|
| 471-000233202   | 2115072 | Improved | 0.69 |
| 472-001531200   | 2359141 | Improved | 1.20 |
| 472-001636101   | 2363343 | Improved | 0.70 |
| 491-000416407   | 2398671 | Improved | 0.69 |
| 491GA-211918550 | 2101942 | Improved | 0.78 |
| BEECH-990001200 | 1514362 | Improved | 0.99 |
| CUTKN-990100300 | 2247820 | Improved | 0.56 |
| DEBDE-505043000 | 2231968 | Improved | 0.83 |
| DRINK-505019100 | 2230867 | Improved | 1.43 |
| HUMBO-495305300 | 2443553 | Improved | 0.79 |
| KINIS-505042500 | 2443556 | Improved | 1.32 |
| KINIS-515005000 | 2442675 | Improved | 1.37 |
| KYLE-505021620  | 2283336 | Improved | 0.61 |
| LAMPM-505034000 | 2233464 | Improved | 0.99 |
| LINTL-505015200 | 1571328 | Improved | 3.56 |
| LUCKY-890005600 | 2288877 | Improved | 1.01 |
| LUSEL-515105000 | 2288575 | Improved | 0.98 |
| MELVI-485104550 | 2304684 | Improved | 1.60 |
| MOOSE-454800300 | 2209486 | Improved | 0.79 |
| MOOSE-455000200 | 2365382 | Improved | 1.38 |
| MOOSE-504933800 | 1200291 | Improved | 0.59 |
| MOOSE-505400150 | 1580927 | Improved | 2.32 |
| NBATT-303016400 | 2385046 | Improved | 1.51 |
| NBATT-535280700 | 2258900 | Improved | 1.23 |
| NBATT-535280850 | 2362069 | Improved | 1.77 |
| NBATT-545336200 | 42054   | Improved | 1.61 |
| PENNA-505009200 | 1574552 | Improved | 0.79 |
| PONTE-890102100 | 1552820 | Improved | 0.50 |
| RHEIN-505014000 | 1568590 | Improved | 0.21 |
| RICHM-505010300 | 2233002 | Improved | 0.88 |
| SHAUN-890100960 | 2327310 | Improved | 0.70 |
| SINTA-505022965 | 2459423 | Improved | 0.27 |
| SMILE-505007770 | 2302580 | Improved | 0.87 |
| STOUG-890100750 | 1575232 | Improved | 1.10 |
| WEYBU-514811000 | 2367772 | Improved | 2.94 |
| WILKI-890100210 | 2489884 | Improved | 1.80 |
| WOODM-505017000 | 2405740 | Improved | 1.67 |
| YORKT-505203000 | 1510385 | Improved | 1.44 |
| YORKT-505305000 | 2334143 | Improved | 0.85 |
| YOUNG-515011400 | 2244379 | Improved | 1.15 |
| ZEALA-505030000 | 2511334 | Improved | 0.99 |
| 005HI-505008200 | 1506798 | Vacant   | 0.46 |
| 067-000526340   | 2256367 | Vacant   | 0.61 |
| 067-000220170   | 2446712 | Vacant   | 1.25 |
| 067-000534285   | 2199100 | Vacant   | 0.89 |
| 067-000502265   | 2202082 | Vacant   | 0.89 |
| LAMPM-505021900 | 2368531 | Vacant   | 1.40 |
| 067-000526350   | 2321201 | Vacant   | 0.73 |
| 067-000534265   | 2383039 | Vacant   | 0.88 |
| 067-000534290   | 2336036 | Vacant   | 1.03 |
| 067-000421403   | 2224391 | Vacant   | 1.92 |
| 067-000220303   | 2250958 | Vacant   | 2.60 |
| LAMPM-505008900 | 2331336 | Vacant   | 0.98 |

|               |         |        |      |
|---------------|---------|--------|------|
| 067-000804340 | 2414106 | Vacant | 0.87 |
| 067-000534260 | 2403411 | Vacant | 0.85 |
| 067-000221433 | 2226557 | Vacant | 1.12 |
| 067-000221455 | 2265421 | Vacant | 1.31 |
| 005-000923420 | 2192160 | Vacant | 1.02 |
| 067-000534200 | 2219980 | Vacant | 1.03 |
| 067-000534260 | 2416703 | Vacant | 0.85 |