

| assessment_id   | sale_id | Vacant_Improved | ASR  |
|-----------------|---------|-----------------|------|
| ALLAN-505012400 | 2410156 | Improved        | 1.05 |
| ALLAN-505012500 | 2380728 | Improved        | 0.97 |
| BIGRI-505025400 | 2398310 | Improved        | 1.03 |
| BIRCH-505006100 | 2400510 | Improved        | 0.97 |
| CANOR-404000050 | 2446835 | Improved        | 1.34 |
| CANOR-404000300 | 2441058 | Improved        | 1.31 |
| CANOR-404000500 | 1540375 | Improved        | 1.19 |
| CANOR-404001700 | 2232118 | Improved        | 0.84 |
| CANOR-404001800 | 2179804 | Improved        | 1.75 |
| CANOR-404002000 | 2223710 | Improved        | 0.57 |
| CANOR-404002050 | 2302759 | Improved        | 2.42 |
| CANOR-404002350 | 2294700 | Improved        | 1.36 |
| CANOR-404003175 | 2347138 | Improved        | 0.90 |
| CANOR-404003550 | 2451901 | Improved        | 0.80 |
| CANOR-404004700 | 2470499 | Improved        | 1.01 |
| CANOR-404004950 | 2396317 | Improved        | 1.15 |
| CANOR-404005750 | 1518846 | Improved        | 0.33 |
| CANOR-404006400 | 1579547 | Improved        | 1.79 |
| CANOR-404006900 | 2198184 | Improved        | 1.21 |
| CANOR-404006900 | 2350560 | Improved        | 1.41 |
| CANOR-404033350 | 2110170 | Improved        | 0.37 |
| CANOR-414018100 | 2390015 | Improved        | 6.41 |
| CANOR-414019300 | 2431442 | Improved        | 0.75 |
| CANOR-414100100 | 1053013 | Improved        | 0.29 |
| CANOR-414100100 | 2201308 | Improved        | 0.25 |
| CANOR-414100200 | 1557103 | Improved        | 0.29 |
| CANOR-414100500 | 2255028 | Improved        | 1.02 |
| CANOR-414101100 | 2346677 | Improved        | 0.88 |
| CANOR-424100100 | 2082425 | Improved        | 0.35 |
| CANOR-424100100 | 2451759 | Improved        | 0.33 |
| CARRO-505025600 | 2291574 | Improved        | 1.00 |
| CUDWO-505005700 | 2373134 | Improved        | 1.28 |
| DELIS-505016450 | 2015963 | Improved        | 1.46 |
| DELIS-505016850 | 2391959 | Improved        | 0.68 |
| FOAML-403900500 | 2074056 | Improved        | 0.93 |
| FOAML-404000750 | 2039726 | Improved        | 1.22 |
| FOAML-404001750 | 1535169 | Improved        | 1.75 |
| FOAML-404001750 | 2354542 | Improved        | 1.25 |
| FOAML-404002150 | 2361674 | Improved        | 1.23 |
| FOAML-404002750 | 2328335 | Improved        | 0.59 |
| FOAML-404003900 | 1554648 | Improved        | 0.53 |
| FOAML-404004150 | 2348524 | Improved        | 0.35 |
| FOAML-404007600 | 2227671 | Improved        | 0.71 |
| FOAML-404008350 | 2101586 | Improved        | 2.50 |
| FOAML-404008550 | 2201578 | Improved        | 1.84 |
| FOAML-404008550 | 2352864 | Improved        | 1.80 |
| FOAML-404008550 | 2380027 | Improved        | 0.90 |
| FOAML-404008650 | 2189579 | Improved        | 1.15 |
| FOAML-404008850 | 2184659 | Improved        | 0.54 |
| FOAML-404107300 | 2330244 | Improved        | 1.26 |
| ITUNA-505003950 | 1557338 | Improved        | 1.38 |
| ITUNA-505004450 | 2080173 | Improved        | 0.21 |

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|-----------------|---------|----------|------|
| ITUNA-505013250 | 2080174 | Improved | 1.70 |
| ITUNA-505014050 | 1522516 | Improved | 0.53 |
| ITUNA-505014050 | 2470504 | Improved | 0.13 |
| KAMSA-393901050 | 2355702 | Improved | 1.53 |
| KAMSA-393902150 | 2441335 | Improved | 0.97 |
| KAMSA-394102150 | 2410824 | Improved | 0.41 |
| KAMSA-404000050 | 2022418 | Improved | 1.18 |
| KAMSA-404000050 | 2331450 | Improved | 1.67 |
| KAMSA-404000850 | 2341887 | Improved | 1.52 |
| KAMSA-404002750 | 2228450 | Improved | 1.16 |
| KAMSA-404005500 | 2235818 | Improved | 0.60 |
| KAMSA-404006100 | 1507364 | Improved | 1.39 |
| KAMSA-404006700 | 1555902 | Improved | 1.38 |
| KAMSA-404009750 | 2408428 | Improved | 0.68 |
| KAMSA-404009850 | 2294311 | Improved | 0.25 |
| KAMSA-404010000 | 2253427 | Improved | 0.41 |
| KAMSA-404010650 | 2256305 | Improved | 0.65 |
| KAMSA-404011050 | 2239757 | Improved | 0.84 |
| KAMSA-404012900 | 2344612 | Improved | 1.10 |
| KAMSA-404100850 | 2321279 | Improved | 0.70 |
| KAMSA-404100850 | 2448437 | Improved | 0.90 |
| KAMSA-404111050 | 2222054 | Improved | 1.03 |
| KELVI-495140000 | 2215453 | Improved | 0.55 |
| KELVI-505001100 | 2331628 | Improved | 2.06 |
| KELVI-505001130 | 2217123 | Improved | 0.27 |
| KELVI-505001140 | 2329006 | Improved | 1.23 |
| KELVI-505002100 | 2266108 | Improved | 1.66 |
| KELVI-505003010 | 2197435 | Improved | 2.25 |
| KELVI-505004070 | 1581630 | Improved | 2.42 |
| KELVI-505004120 | 2214220 | Improved | 1.49 |
| KELVI-505004150 | 1516077 | Improved | 1.18 |
| KELVI-505004190 | 2173430 | Improved | 1.41 |
| KELVI-505009090 | 2440311 | Improved | 0.60 |
| KELVI-505024500 | 1505149 | Improved | 0.70 |
| KELVI-505024500 | 2371897 | Improved | 1.98 |
| KELVI-505180000 | 2004658 | Improved | 0.68 |
| KELVI-505194000 | 2026199 | Improved | 1.46 |
| KELVI-505212000 | 1058490 | Improved | 0.29 |
| KELVI-505212000 | 2213064 | Improved | 0.26 |
| LAMPM-505040075 | 2190262 | Improved | 0.95 |
| LASHB-495005400 | 1583421 | Improved | 1.15 |
| LEADE-505034100 | 1553429 | Improved | 1.00 |
| PARAD-504913150 | 2371870 | Improved | 1.79 |
| PORCU-505000100 | 2358611 | Improved | 0.94 |
| PORCU-505001300 | 1527554 | Improved | 1.44 |
| PORCU-505100200 | 2205632 | Improved | 0.56 |
| PREEC-505000350 | 2325394 | Improved | 1.76 |
| PREEC-505000450 | 2398448 | Improved | 0.65 |
| PREEC-505001450 | 2214564 | Improved | 1.07 |
| PREEC-505006150 | 2223210 | Improved | 0.55 |
| PREEC-505007050 | 1574532 | Improved | 2.03 |
| PREEC-505102150 | 2253387 | Improved | 1.31 |
| PREEC-515110400 | 2200472 | Improved | 0.41 |

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|-----------------|---------|----------|------|
| ROCAN-505109700 | 2388534 | Improved | 0.57 |
| ROCAN-505113050 | 2205277 | Improved | 1.00 |
| ROCAN-505113150 | 2205278 | Improved | 1.00 |
| STBRI-505010400 | 2353401 | Improved | 1.00 |
| STURG-494909600 | 1565683 | Improved | 0.56 |
| STURG-504900200 | 2344417 | Improved | 1.63 |
| STURG-504900350 | 2300620 | Improved | 0.71 |
| STURG-504900400 | 2287460 | Improved | 0.34 |
| STURG-504901350 | 1523629 | Improved | 2.58 |
| STURG-504902450 | 2011278 | Improved | 1.34 |
| STURG-504902450 | 2065260 | Improved | 2.02 |
| STURG-504903500 | 2330405 | Improved | 0.43 |
| STURG-505005950 | 2401977 | Improved | 0.82 |
| STWAL-504911600 | 2368054 | Improved | 0.72 |
| 070KA-505012350 | 2440881 | Improved | 0.35 |
| 070KA-990100200 | 2414051 | Improved | 1.50 |
| 128-000403401   | 2299560 | Improved | 0.63 |
| 137SW-504505760 | 2451157 | Improved | 0.82 |
| 158GP-404028050 | 2245721 | Improved | 0.96 |
| 159SI-606005300 | 2360462 | Improved | 1.09 |
| 159SI-606020200 | 2327977 | Improved | 0.76 |
| 159SI-606100600 | 2307349 | Improved | 0.99 |
| 159SI-606109800 | 2387657 | Improved | 2.97 |
| 159WI-656503400 | 2412681 | Improved | 0.80 |
| 217-000226300   | 2405078 | Improved | 1.38 |
| 224LA-990000250 | 1554395 | Improved | 1.03 |
| 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 | 0.67 |
| 286-000122102   | 1512213 | Improved | 1.14 |
| 344-000505102   | 2446122 | Improved | 0.58 |
| 344-000819350   | 2188916 | Improved | 0.82 |
| 344-000819410   | 2353023 | Improved | 0.96 |
| 344-000819430   | 2340083 | Improved | 0.67 |
| 370CA-505006400 | 2287249 | Improved | 1.39 |
| 437-000325406   | 2232303 | Improved | 1.21 |
| 437-000629402   | 2074568 | Improved | 1.56 |
| 461LP-505019600 | 2443552 | Improved | 1.32 |
| 468CA-505000100 | 2459318 | Improved | 1.03 |
| 471-000233202   | 2115072 | Improved | 0.67 |
| 472-001531200   | 2359141 | Improved | 1.19 |
| 472-001636101   | 2363343 | Improved | 0.68 |
| 491-000416407   | 2398671 | Improved | 1.01 |
| 491GA-211918550 | 2101942 | Improved | 1.11 |
| BEECH-990001200 | 1514362 | Improved | 0.99 |
| BROAD-495012900 | 2312592 | Improved | 0.80 |
| CANOR-404001050 | 2406517 | Improved | 0.69 |
| CANOR-404002700 | 2253985 | Improved | 0.71 |
| CANOR-414009000 | 2294968 | Improved | 0.53 |
| CUTKN-990100300 | 2247820 | Improved | 0.56 |
| DEBDE-505043000 | 2231968 | Improved | 0.83 |

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|-----------------|---------|----------|------|
| DRINK-505019100 | 2230867 | Improved | 1.39 |
| FOAML-404104100 | 2284825 | Improved | 0.80 |
| HUDSO-504905000 | 1574870 | Improved | 1.10 |
| HUDSO-514903000 | 2294255 | Improved | 1.01 |
| HUMBO-495305300 | 2443553 | Improved | 0.77 |
| ITUNA-505012100 | 2320268 | Improved | 1.25 |
| KAMSA-414105850 | 2219641 | Improved | 1.70 |
| KAMSA-414105850 | 2314956 | Improved | 1.25 |
| KELVI-505004120 | 2214220 | Improved | 1.00 |
| KINIS-505042500 | 2443556 | Improved | 1.28 |
| KINIS-515005000 | 2442675 | Improved | 1.34 |
| KYLE-505021620  | 2283336 | Improved | 0.61 |
| LAMPM-505034000 | 2233464 | Improved | 0.97 |
| LINTL-505015200 | 1571328 | Improved | 3.56 |
| LUCKY-890005600 | 2288877 | Improved | 1.01 |
| LUSEL-515105000 | 2288575 | Improved | 0.98 |
| MELVI-485104550 | 2304684 | Improved | 1.57 |
| NBATT-303016400 | 2385046 | Improved | 1.51 |
| NBATT-535280700 | 2258900 | Improved | 1.17 |
| NBATT-535280850 | 2362069 | Improved | 1.70 |
| NBATT-545336200 | 42054   | Improved | 1.54 |
| PENNA-505009200 | 1574552 | Improved | 0.79 |
| PONTE-890102100 | 1552820 | Improved | 0.50 |
| PORCU-505000150 | 2014854 | Improved | 0.91 |
| PREEC-505207500 | 2439452 | Improved | 1.15 |
| 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 |
| WILKI-890100210 | 2489884 | Improved | 1.80 |
| WOODM-505017000 | 2405740 | Improved | 1.67 |
| YOUNG-515011400 | 2244379 | Improved | 1.15 |
| ZEALA-505030000 | 2511334 | Improved | 0.99 |
| PORCU-505003300 | 2453002 | Vacant   | 1.13 |
| PORCU-505014100 | 2457007 | Vacant   | 0.86 |
| PORCU-505106600 | 2386879 | Vacant   | 0.99 |
| PORCU-505110020 | 2449783 | Vacant   | 1.01 |