

Assessment Id	Sale Id	Vacant/Improved	ASR
405610100	2013	vacant	2.281
415800100	2013	vacant	1.069
494200500	2013	vacant	0.635
556000520	2013	vacant	0.937
405104000	2014	vacant	1.175
405104600	2014	vacant	1.174
405105000	2014	vacant	0.999
405105100	2014	vacant	0.904
405105100	2014	vacant	0.998
405105300	2014	vacant	1.003
405106300	2014	vacant	1.056
405107200	2014	vacant	0.833
405107600	2014	vacant	0.862
405108750	2014	vacant	0.898
405109000	2014	vacant	0.702
405109110	2014	vacant	1.231
405303150	2014	vacant	0.823
405305150	2014	vacant	1.202
405321500	2014	vacant	1.400
405321800	2014	vacant	0.693
415021550	2014	vacant	0.953
415120060	2014	vacant	1.227
415122350	2014	vacant	1.012
415122500	2014	vacant	0.977
415900100	2014	vacant	1.462
425004050	2014	vacant	0.975
425106100	2014	vacant	0.561
444902690	2014	vacant	1.059
444903600	2014	vacant	1.059
445718300	2014	vacant	1.101
445816300	2014	vacant	0.923
445818100	2014	vacant	1.225
445827260	2014	vacant	0.998
445828510	2014	vacant	1.098
445836400	2014	vacant	1.107
445837050	2014	vacant	0.869
445838550	2014	vacant	0.941
445839050	2014	vacant	0.865
445839550	2014	vacant	0.864
445840050	2014	vacant	0.837
445840550	2014	vacant	0.977
445845300	2014	vacant	0.864
454917190	2014	vacant	1.023
455105150	2014	vacant	0.676
455816000	2014	vacant	1.012
455844850	2014	vacant	1.192
464713000	2014	vacant	1.388
464713500	2014	vacant	1.377
465956000	2014	vacant	0.917
475000070	2014	vacant	1.095
475958700	2014	vacant	0.771
494217950	2014	vacant	1.172
494218950	2014	vacant	1.224
494920850	2014	vacant	0.983
504801250	2014	vacant	1.000
504818650	2014	vacant	1.163
524606510	2014	vacant	1.056

Assessment Id	Sale Id	Vacant/Improved	ASR
524610650	2014	vacant	0.783
524610950	2014	vacant	0.668
524617180	2014	vacant	1.531
524621600	2014	vacant	1.018
525042860	2014	vacant	1.000
525102700	2014	vacant	1.000
545417140	2014	vacant	1.397
545417290	2014	vacant	0.938
565053450	2014	vacant	1.000
565055080	2014	vacant	0.827
565055275	2014	vacant	1.003
565405550	2014	vacant	1.364
415122400, 415122450	2014	vacant	1.006
445101780, 445101790, 445101810, 445101820, 445101830, 445101840	2014	vacant	0.970
494822100, 494822150	2014	vacant	1.040
504811350, 504811400, 504811450	2014	vacant	0.995
504905150, 504905200	2014	vacant	0.846
405107300	2015	vacant	0.928
405107400	2015	vacant	0.797
405206405	2015	improved	0.982
405206410	2015	improved	0.920
405206580	2015	improved	0.973
405206600	2015	improved	0.941
405206605	2015	improved	0.942
405303500	2015	vacant	0.892
405305400	2015	improved	0.823
415103550	2015	vacant	1.364
415120710	2015	vacant	1.181
415307140	2015	improved	10.000
425021500	2015	vacant	0.773
425102800	2015	improved	1.029
425122800	2015	improved	0.997
425123000	2015	improved	1.014
435017400	2015	improved	0.934
435101590	2015	vacant	0.962
435202440	2015	vacant	1.116
444920200	2015	vacant	0.742
445007600	2015	improved	0.937
445007900	2015	improved	1.011
445008780	2015	improved	0.976
445016900	2015	improved	0.963
445025700	2015	improved	0.913
445103640	2015	improved	1.194
454915200	2015	improved	0.974
454917400	2015	improved	0.811
455003440	2015	improved	1.160
455100380	2015	improved	0.976
455907300	2015	vacant	1.072
455907800	2015	vacant	0.903
455911000	2015	vacant	0.899
455912000	2015	vacant	0.898
455914000	2015	vacant	1.071
464804350	2015	improved	0.767
464928960	2015	improved	1.515
464929060	2015	improved	0.845
465007400	2015	improved	0.604

Assessment Id	Sale Id	Vacant/Improved	ASR
474911850	2015	improved	0.497
475001200	2015	improved	1.060
475014180	2015	improved	1.022
475945386	2015	improved	1.017
475945565	2015	improved	1.000
484901100	2015	improved	0.908
484901150	2015	improved	0.577
484901500	2015	improved	1.045
484901950	2015	improved	0.855
485008100	2015	improved	1.120
485008290	2015	improved	0.933
485100150	2015	improved	1.099
485103130	2015	improved	1.075
485502700	2015	improved	0.996
485526150	2015	vacant	0.672
494707730	2015	improved	0.989
494821690	2015	improved	1.086
494823400	2015	improved	1.130
494920850	2015	vacant	1.019
495125300	2015	improved	0.652
495130950	2015	improved	0.683
495607340	2015	improved	0.605
504504600	2015	improved	0.859
504803250	2015	vacant	1.020
504803300	2015	vacant	0.970
504803350	2015	vacant	0.824
504815540	2015	improved	1.336
504834760	2015	vacant	0.715
504835180	2015	improved	1.227
504901800	2015	improved	1.261
504905182	2015	improved	0.333
504905240	2015	improved	1.235
504906000	2015	improved	0.912
514527350	2015	vacant	0.998
514602790	2015	vacant	1.288
514606700	2015	vacant	1.281
514800990	2015	improved	1.250
514805600	2015	improved	1.174
515320300	2015	improved	0.982
515530250	2015	improved	1.690
524603600	2015	vacant	0.979
524617800	2015	improved	0.672
524701950	2015	improved	0.958
524704540	2015	improved	1.208
525018800	2015	improved	0.630
525042860	2015	vacant	1.041
525042900	2015	improved	1.443
525105060	2015	improved	1.589
525200600	2015	vacant	0.930
525200900	2015	improved	1.714
525201100	2015	improved	0.495
534909345	2015	improved	1.399
534909350	2015	improved	0.904
534909355	2015	improved	0.904
534909360	2015	improved	1.026
534909375	2015	improved	1.282
535015800	2015	improved	1.103

Assessment Id	Sale Id	Vacant/Improved	ASR
535026630	2015	improved	1.001
545029370	2015	vacant	0.849
555008150	2015	vacant	1.073
555008350	2015	vacant	1.073
555008550	2015	improved	1.000
556101200	2015	vacant	1.678
565220186	2015	improved	1.000
565220188	2015	improved	1.000
565220190	2015	improved	1.000
565220192	2015	improved	1.000
565220194	2015	improved	1.000
565220196	2015	improved	1.000
565220198	2015	improved	1.000
565220218	2015	improved	1.000
565220220	2015	improved	1.000
565220222	2015	improved	1.000
565220224	2015	improved	1.000
565220226	2015	improved	1.000
565235050	2015	vacant	1.051
565236100	2015	vacant	1.060
565236160	2015	improved	1.127
565337050	2015	vacant	1.466
565405550	2015	vacant	1.072
575444150	2015	vacant	1.234
575446850	2015	vacant	0.875
575519100	2015	vacant	1.031
405106600, 405106700	2015	vacant	1.123
474916500, 474916550	2015	vacant	1.160
474917600, 474917550	2015	vacant	1.129
474918300 & 474918340	2015	improved	0.940
485012000, 495021850	2015	vacant	0.351
494214660, 494214670, 494214680, 494214690, 494214700, 494214710, 494214720, 494214730, 494214740, 494214750, 494214760, 494214770	2015	vacant	0.883
494214780, 494214790, 494214800, 494214810, 494214820, 494214830, 494214840, 494214850, 494214860, 494214870, 494214880, 494214890, 494214900, 494214910, 494214920, 494214930	2015	vacant	0.884
555007350, 555007550, 555007750, 555007950	2015	vacant	1.102
404919500	2016	improved	2.103
405105700	2016	improved	0.862
405107500	2016	vacant	1.058
405107700	2016	vacant	1.025
405107800	2016	vacant	1.106
405108800	2016	vacant	1.055
405201800	2016	vacant	1.203
405201880	2016	vacant	1.337
405206425	2016	improved	0.983
405206490	2016	improved	0.601
405206615	2016	improved	0.958
405311500	2016	vacant	1.263
405312000	2016	vacant	1.000
405312525	2016	improved	1.000
405317000	2016	vacant	1.153
414910480	2016	improved	0.733
415021600	2016	vacant	0.971
415103600	2016	improved	1.335

Assessment Id	Sale Id	Vacant/Improved	ASR
425003200	2016	improved	0.620
435100550	2016	improved	1.105
435105000	2016	improved	0.838
435200230	2016	improved	0.928
445007900	2016	improved	0.848
445103390	2016	improved	1.067
445104440	2016	improved	1.119
445106440	2016	improved	1.075
445320900	2016	improved	0.959
454913670	2016	improved	1.056
455003840	2016	improved	1.318
455006020	2016	improved	1.023
455006150	2016	improved	1.441
455100930	2016	improved	1.327
455101200	2016	improved	0.901
464800700	2016	improved	1.001
464920800	2016	improved	0.852
464931150	2016	improved	0.933
465004450	2016	improved	2.114
465005310	2016	improved	1.234
465006250	2016	improved	0.783
465007050	2016	improved	0.800
474917610	2016	improved	1.345
474917615	2016	improved	1.399
474918600	2016	improved	0.785
475002150	2016	vacant	1.956
475007250	2016	improved	0.757
475009085	2016	improved	1.283
475021400	2016	improved	1.234
475945628	2016	improved	1.137
484620600	2016	improved	1.335
484825100	2016	improved	0.636
484901450	2016	improved	0.938
485520100	2016	improved	1.070
485601990	2016	improved	1.043
494817790	2016	improved	1.113
494916880	2016	improved	1.715
494926700	2016	improved	1.040
495013990	2016	improved	0.797
495124654	2016	improved	1.406
495127310	2016	improved	0.562
495500750	2016	improved	0.990
504545200	2016	vacant	0.963
504831840	2016	improved	1.263
504831860	2016	improved	1.113
504905181	2016	improved	0.333
504905190	2016	improved	0.333
504905191	2016	improved	0.333
504905194	2016	improved	0.333
504905350	2016	vacant	0.684
504917250	2016	improved	0.879
505010260	2016	improved	0.610
505022200	2016	improved	1.390
505023600	2016	improved	1.292
505023800	2016	improved	0.959
505030450	2016	improved	1.099
505039630	2016	improved	1.110

Assessment Id	Sale Id	Vacant/Improved	ASR
505046880	2016	improved	1.000
514801040	2016	improved	1.004
514804840	2016	improved	0.937
514811400	2016	improved	0.779
514839240	2016	improved	0.882
515114850	2016	improved	1.107
515222550	2016	improved	1.035
524702740	2016	improved	1.196
525111500	2016	improved	1.125
525218900	2016	improved	0.625
525311840	2016	improved	0.484
525313340	2016	improved	0.913
535015700	2016	vacant	0.610
536010000	2016	vacant	0.702
556200100	2016	vacant	0.339
565055110	2016	vacant	1.103
565055185	2016	vacant	0.896
565055265	2016	vacant	1.096
565220164	2016	improved	1.000
565220166	2016	improved	1.000
565220168	2016	improved	1.000
565220170	2016	improved	1.000
565220202	2016	improved	1.000
565220204	2016	improved	1.000
565220206	2016	improved	1.000
565220208	2016	improved	1.000
565220210	2016	improved	1.000
565220212	2016	improved	1.000
565220214	2016	improved	1.000
565220216	2016	improved	1.000
565220234	2016	improved	1.000
565220236	2016	improved	1.000
565220238	2016	improved	1.000
565220240	2016	improved	1.000
565220242	2016	improved	1.000
565220244	2016	improved	1.000
565220258	2016	improved	1.000
565220260	2016	improved	1.000
565220262	2016	improved	1.000
565220264	2016	improved	1.000
565220266	2016	improved	1.000
565220268	2016	improved	1.000
565220274	2016	improved	1.000
565220276	2016	improved	1.000
565401500	2016	vacant	1.249
575507000	2016	vacant	1.068
435200210 & 435200230	2016	improved	0.928
445013790, 445013580	2016	improved	0.831
474917050, 474917000, 474916950	2016	vacant	0.673
484902340 & 484902450	2016	improved	0.345
485126650 & 485128700	2016	improved	1.057
504916100 & 504916150	2016	improved	0.956
524610150, 524610350	2016	vacant	1.110
405104100	2017	vacant	1.174
405108950	2017	vacant	0.850
405201720	2017	vacant	1.133
405206450	2017	improved	1.188

Assessment Id	Sale Id	Vacant/Improved	ASR
405206455	2017	improved	1.128
405206590	2017	improved	1.206
405309000	2017	vacant	1.039
405311525	2017	improved	1.023
415003350	2017	vacant	1.001
415003450	2017	vacant	1.029
415003750	2017	vacant	1.020
415003850	2017	vacant	1.031
415004750	2017	vacant	0.993
415004850	2017	vacant	0.993
415005950	2017	vacant	0.776
415120790	2017	vacant	0.971
415208660	2017	improved	0.926
425106380	2017	improved	0.897
425120600	2017	improved	1.062
435013990	2017	vacant	0.955
435017100	2017	improved	1.103
444919650	2017	vacant	1.038
445009390	2017	improved	1.027
445015950	2017	improved	1.083
445100280	2017	improved	0.923
445107560	2017	improved	1.138
445108890	2017	improved	0.836
445922750	2017	vacant	1.016
454913250	2017	improved	1.474
454913800	2017	improved	0.773
455000930	2017	improved	0.656
455004700	2017	improved	0.847
455007300	2017	improved	1.085
455701200	2017	vacant	1.273
455843000	2017	vacant	0.727
455909000	2017	vacant	1.102
464601800	2017	vacant	0.971
464808590	2017	improved	0.873
464928970	2017	improved	1.257
465004190	2017	improved	0.774
465007290	2017	improved	0.753
474504100	2017	improved	0.823
475001200	2017	improved	0.952
475002150	2017	vacant	1.244
475009075	2017	improved	0.883
475831520	2017	improved	1.142
484205390	2017	vacant	0.950
484612840	2017	improved	1.818
484901950	2017	improved	0.938
484902050	2017	vacant	1.143
485008200	2017	improved	0.892
485520990	2017	vacant	0.963
494917220	2017	improved	0.783
495013400	2017	improved	1.072
495016050	2017	improved	1.689
495018300	2017	improved	1.211
495100040	2017	improved	1.002
495120650	2017	improved	0.862
495602840	2017	improved	0.749
495603220	2017	improved	1.705
495603880	2017	improved	1.336

Assessment Id	Sale Id	Vacant/Improved	ASR
495609440	2017	improved	0.881
495609840	2017	improved	1.052
496024350	2017	vacant	0.999
504703320	2017	improved	0.848
504704100	2017	vacant	2.040
504802550	2017	improved	0.380
504827450	2017	improved	0.889
504834800	2017	vacant	1.000
504905186	2017	improved	0.333
504906350	2017	vacant	0.828
504915950	2017	vacant	0.586
504921800	2017	improved	0.645
504930690	2017	improved	1.925
505008260	2017	improved	1.002
505010200	2017	improved	0.791
505015300	2017	improved	0.840
505019700	2017	improved	1.088
505021300	2017	improved	1.040
505030150	2017	improved	0.542
505043500	2017	vacant	0.960
505201690	2017	improved	1.714
506050100	2017	vacant	0.999
506051100	2017	vacant	0.882
514811400	2017	improved	0.615
514826100	2017	improved	0.858
515013200	2017	improved	0.948
515114550	2017	improved	0.960
515222150	2017	improved	0.893
515415500	2017	improved	1.532
524609600	2017	improved	0.799
524610950	2017	vacant	0.896
524611250	2017	vacant	0.923
524612300	2017	vacant	0.972
524705900	2017	improved	0.677
524707500	2017	improved	0.863
524819740	2017	improved	1.069
524917910	2017	improved	1.266
525026050	2017	improved	0.936
525042810	2017	improved	0.907
525210350	2017	improved	1.034
525214650	2017	improved	1.021
525218700	2017	improved	1.019
525226300	2017	improved	1.086
525236850	2017	vacant	1.000
525236850	2017	vacant	1.019
525311860	2017	improved	0.742
534607900	2017	improved	0.863
535402500	2017	improved	0.589
555110400	2017	vacant	0.926
565220158	2017	improved	1.000
565220160	2017	improved	1.000
565220162	2017	improved	1.000
565220172	2017	improved	1.000
565220174	2017	improved	1.000
565220176	2017	improved	1.000
565220178	2017	improved	1.000
565220180	2017	improved	1.000

Assessment Id	Sale Id	Vacant/Improved	ASR
565220182	2017	improved	1.000
565220184	2017	improved	1.000
565220246	2017	improved	1.000
565220248	2017	improved	1.000
565220270	2017	improved	1.000
565220272	2017	improved	1.000
565236120	2017	improved	0.250
565236121	2017	improved	0.250
565236122	2017	improved	0.250
565236132	2017	improved	0.167
565236133	2017	improved	0.167
565236135	2017	improved	0.250
565236136	2017	improved	0.250
565236137	2017	improved	0.250
565236138	2017	improved	0.250
565236139	2017	improved	0.250
565404550	2017	vacant	1.050
425005500 & 425005450	2017	improved	1.038
425106950, 425106700, 425105900, 425105400, 425105500	2017	improved	1.459
493802000, 493803000	2017	vacant	3.927
495021150, 495021200	2017	vacant	0.700
504917380, 504917340 & 504917290	2017	improved	0.559
505011000, 505011200	2017	improved	0.380
506006730, 506006735, 506006740, 506006745, 506006750, 506006755, 506006760, 506006765, 506006770, 506006775, 506006780, 506006785, 506006790, 506006795, 506006800, 506006805, 506006810, 506006815, 506006820, 506006825, 506006830, 506006835	2017	vacant	0.962
515101610 & 515101790	2017	vacant	0.462
405104200	2018	vacant	1.318
405104401	2018	improved	1.039
405107200	2018	vacant	0.754
405108850	2018	vacant	0.850
405108900	2018	vacant	0.843
405201560	2018	vacant	1.088
405206430	2018	improved	1.135
405206435	2018	improved	1.179
405206515	2018	improved	1.228
405206530	2018	improved	1.222
405206545	2018	improved	1.084
405206550	2018	improved	1.182
405206615	2018	improved	1.045
405305660	2018	improved	0.857
405313400	2018	vacant	0.791
405321510	2018	vacant	0.849
405323000	2018	improved	0.917
414910500	2018	improved	1.036
415002950	2018	vacant	1.013
415003150	2018	vacant	0.993
415003950	2018	vacant	1.016
415004050	2018	vacant	1.046
415004150	2018	vacant	1.010
415122900	2018	vacant	1.055
425102600	2018	improved	0.954
425102700	2018	improved	0.939
425123000	2018	improved	1.164

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425123810	2018	vacant	1.104
425125600	2018	improved	1.546
425205960	2018	improved	0.901
425207490	2018	improved	0.935
435016000	2018	improved	1.523
444905390	2018	improved	1.132
445008990	2018	improved	1.213
445026400	2018	improved	0.994
445301140	2018	improved	1.012
454911600	2018	improved	1.190
454913290	2018	improved	1.030
454914940	2018	improved	0.826
454915540	2018	improved	0.823
455001450	2018	improved	0.972
455006540	2018	improved	1.036
455007760	2018	improved	0.817
455009340	2018	improved	1.079
455105350	2018	improved	1.094
464601800	2018	improved	0.621
464803600	2018	vacant	1.152
464807010	2018	improved	0.812
464928970	2018	improved	0.904
465010430	2018	improved	1.066
465013180	2018	improved	1.502
474303100	2018	vacant	2.084
475008090	2018	improved	1.917
475016700	2018	improved	0.620
475021290	2018	improved	0.630
485008260	2018	improved	0.903
485123200	2018	vacant	1.149
485520990	2018	vacant	0.954
494209810	2018	improved	0.931
494209815	2018	improved	0.989
495007190	2018	improved	1.375
495013650	2018	vacant	1.043
495016600	2018	vacant	0.920
495016630	2018	vacant	0.618
495113750	2018	vacant	1.057
495119130	2018	improved	1.635
495602290	2018	vacant	0.631
495602760	2018	improved	0.933
504203300	2018	improved	1.470
504544590	2018	improved	0.925
504818650	2018	vacant	1.005
504833390	2018	improved	1.341
504836700	2018	vacant	0.883
504902100	2018	improved	1.202
504905193	2018	improved	0.333
504907900	2018	improved	0.954
504916400	2018	improved	0.657
505002720	2018	improved	1.000
505004320	2018	improved	0.768
505009500	2018	improved	0.815
505011250	2018	improved	1.302
505012650	2018	improved	0.742
505017500	2018	improved	1.041
505023600	2018	improved	1.059

Assessment Id	Sale Id	Vacant/Improved	ASR
505025450	2018	improved	0.446
505906850	2018	vacant	1.642
514810180	2018	vacant	0.744
514814590	2018	improved	1.236
515033100	2018	improved	1.198
515232120	2018	improved	0.835
524608140	2018	improved	1.660
524615100	2018	improved	0.625
524620400	2018	vacant	0.916
524820600	2018	improved	1.437
524914150	2018	improved	1.615
525029250	2018	improved	0.990
525029950	2018	improved	0.912
525313440	2018	improved	0.619
534900100	2018	vacant	1.166
534909360	2018	improved	0.852
534909370	2018	improved	0.997
535701490	2018	improved	1.046
545315930	2018	improved	1.000
545823550	2018	improved	0.993
545824050	2018	improved	1.092
555005190	2018	vacant	0.610
565211450	2018	improved	1.010
565220300	2018	vacant	0.985
565236500	2018	improved	1.470
565342550	2018	vacant	1.095
496024400, 496024450, 496024500, 496024550, 496024600, 496024650, 496024700, 496024750, 496024800, 496024850, 496024900, 496024950, 496025000, 496025050, 496025100, 496025150, 496025200, 496025250, 496025300, 496025350, 496025400, 496025450, 496025500, 496025550, 496025600, 496025650, 496025700, 496025750	2018	vacant	0.833
506006655, 506006660, 506006665, 506006670, 506006675, 506006680, 506006685, 506006690, 506006695, 506006700, 506006705, 506006710, 506006715, 506006720, 506006725	2018	vacant	1.008
525003100, 525003150, 525003200, 525003250	2018	vacant	0.811