

Assessment ID	Sale ID	Vacant /Improved	ASR
10017624	2017	Vacant	1.29
10018683	2017	Vacant	0.99
10018726	2015	Vacant	1.21
10018760	2018	Vacant	0.82
10018761	2018	Vacant	0.77
10022515	2014	Vacant	1.28
10023082	2016	Vacant	0.95
10025857	2017	Vacant	1.36
10026665	2014	Vacant	1.97
10026882	2016	Vacant	1.00
10026882	2016	Vacant	1.06
10027064	2015	Vacant	0.95
10027107	2014	Vacant	0.95
10027321	2014	Vacant	1.21
10027335	2014	Vacant	0.71
10027349	2014	Vacant	1.06
10027385	2018	Vacant	0.67
10027402	2016	Vacant	0.98
10027406	2014	Vacant	1.03
10027408	2014	Vacant	0.85
10027425	2014	Vacant	1.10
10027435	2014	Vacant	0.85
10027436	2018	Vacant	1.16
10032323	2017	Vacant	1.01
10032525	2018	Vacant	2.28
10032544	2018	Vacant	1.72
10032600	2015	Vacant	0.83
10032605	2016	Vacant	0.70
10032655	2015	Vacant	0.92
10032684	2017	Vacant	1.62
10033056	2017	Vacant	0.81
10033057	2014	Vacant	1.19
10033075	2017	Vacant	1.06
10033381	2018	Vacant	0.66
10033433	2018	Vacant	0.79
10033475	2016	Vacant	0.99
10033605	2017	Vacant	0.46
10033610	2017	Vacant	0.62
10033641	2018	Vacant	0.66
10033641	2017	Vacant	0.84
10033785	2016	Vacant	0.58
10033792	2016	Vacant	0.60
10033842	2014	Vacant	1.23
10033843	2014	Vacant	1.28
10033857	2014	Vacant	1.22
10033952	2017	Vacant	1.13
10033952	2018	Vacant	0.88
10034195	2014	Vacant	1.14
10034751	2014	Vacant	0.77
10035824	2014	Vacant	0.85
10037594	2017	Vacant	0.99
10037596	2018	Vacant	1.09
10037645	2018	Vacant	0.42
10037724	2015	Improved	0.73
10037739	2016	Vacant	1.28
10037828	2016	Vacant	1.29
10037871	2017	Vacant	0.74
10037904	2016	Vacant	0.91

10038323	2014	Vacant	0.98
10039678	2016	Vacant	1.22
10040429	2015	Vacant	0.98
10042139	2018	Vacant	1.12
10054874	2015	Vacant	0.59
10056416	2014	Vacant	0.78
10064984	2015	Improved	0.99
10064995	2015	Vacant	1.21
10065022	2015	Vacant	0.95
10065636	2015	Improved	0.97
10065638	2018	Vacant	0.56
10065642	2015	Improved	0.97
10065643	2013	Improved	0.90
10065643	2014	Improved	0.91
10065653	2016	Improved	1.06
10065656	2013	Improved	1.07
10065674	2017	Improved	1.16
10065681	2013	Improved	1.09
10065684	2017	Improved	0.83
10065711	2017	Improved	0.34
10065722	2015	Improved	1.15
10065727	2018	Improved	0.96
10065733	2014	Improved	0.94
10065734	2016	Improved	1.29
10065746	2014	Improved	1.12
10065785	2018	Improved	0.79
10070207	2018	Vacant	0.53
10089566	2017	Vacant	0.55
10091545	2018	Improved	0.98
10120546	2016	Vacant	1.88
10120575	2013	Vacant	1.75
10130350	2014	Vacant	0.95
10159543	2011	Vacant	1.00
10160028	2013	Vacant	0.81
10160763	2013	Vacant	1.47
10173526	2016	Vacant	1.00
10187193	2017	Vacant	1.05
10199993	2011	Vacant	1.17
10207733	2012	Vacant	1.04
10210674	2012	Vacant	0.60
10214134	2016	Vacant	1.37
10234894	2012	Vacant	0.80
10236754	2018	Vacant	0.99
10251834	2017	Vacant	0.60
10258407	2014	Vacant	1.01
10258409	2014	Vacant	0.86
10258410	2016	Vacant	1.02
10258412	2014	Vacant	1.13
10258414	2016	Vacant	1.00
10258416	2016	Vacant	0.98
10258416	2017	Vacant	0.95
10258419	2016	Vacant	0.92
10258420	2014	Vacant	1.12
10258424	2014	Vacant	1.06
10258431	2016	Vacant	0.98
10258432	2014	Vacant	1.05
10258433	2014	Vacant	0.74
10258439	2014	Vacant	1.00
10258439	2016	Vacant	0.73

10258440	2014	Vacant	1.00
10258442	2014	Vacant	1.01
10258443	2014	Vacant	1.01
10258519	2013	Vacant	1.17
10258520	2012	Vacant	1.02
10258523	2013	Vacant	1.13
10262400	2015	Vacant	0.93
10264261	2013	Vacant	1.15
10264262	2013	Vacant	0.98
10268325	2017	Vacant	1.00
10268327	2017	Vacant	1.00
10268329	2017	Vacant	1.00
10268340	2017	Vacant	1.31
10268353	2017	Vacant	0.96
10268559	2017	Vacant	0.93
10268713	2017	Vacant	1.13
10268871	2017	Vacant	0.55
10268991	2017	Vacant	1.25
10268991	2017	Vacant	1.25
10269061	2018	Vacant	1.25
10269991	2017	Vacant	1.25
10271160	2013	Vacant	1.02
10273058	2014	Vacant	1.08
10277040	2013	Vacant	0.96
10286172	2015	Vacant	0.98
10286173	2015	Vacant	0.98
10286174	2015	Vacant	0.99
10287997	2014	Vacant	0.82
10294915	2014	Vacant	1.00
10294919	2014	Vacant	1.00
10295230	2015	Vacant	1.04
10296421	2016	Vacant	0.99
10297119	2015	Vacant	1.08
10299717	2015	Vacant	1.14
10301336	2016	Vacant	0.93
10301337	2016	Vacant	0.99
10305688	2016	Vacant	0.82
10306490	2016	Vacant	1.68
10311474	2017	Vacant	1.00
10312279	2017	Vacant	0.92
10313117	2016	Vacant	1.00
10313219	2016	Vacant	0.85
10313994	2018	Vacant	0.96
10313995	2017	Vacant	0.96
10317738	2018	Vacant	1.01
10001788	2013	Improved	0.88
10001936	2013	Improved	1.35
10002025	2016	Improved	0.71
10007955	2016	Improved	1.09
10012318	2016	Improved	0.66
10012831	2013	Improved	1.27
10012935	2013	Improved	1.03
10013758	2017	Improved	1.04
10016612	2018	Improved	0.98
10017122	2015	Improved	0.97
10017615	2016	Improved	1.65
10017620	2017	Improved	0.87
10017623	2018	Improved	0.79
10021963	2014	Improved	0.62

10021964	2014	Improved	0.97
10022096	2016	Improved	1.01
10022099	2014	Improved	1.25
10022099	2015	Improved	0.96
10022111	2018	Improved	1.73
10022149	2014	Improved	1.19
10022161	2018	Improved	0.86
10022162	2018	Improved	0.94
10025988	2013	Improved	0.90
10026487	2016	Improved	0.99
10026638	2014	Improved	0.58
10026638	2017	Improved	0.51
10026908	2016	Improved	1.06
10026918	2018	Improved	0.85
10026920	2017	Improved	0.93
10026921	2013	Improved	1.43
10026947	2014	Improved	0.65
10026948	2014	Improved	0.91
10027216	2015	Improved	0.90
10028461	2018	Improved	0.89
10031655	2015	Improved	0.68
10032014	2013	Improved	0.97
10032476	2015	Improved	1.18
10032483	2015	Improved	0.83
10032491	2016	Improved	1.37
10032585	2014	Improved	0.83
10032592	2018	Improved	1.11
10032610	2014	Improved	1.03
10032625	2016	Improved	0.73
10032626	2017	Improved	0.73
10032628	2015	Improved	0.76
10032629	2018	Improved	0.71
10032640	2015	Improved	0.73
10032648	2017	Improved	1.08
10032662	2016	Improved	1.22
10032662	2017	Improved	0.92
10032681	2017	Improved	0.81
10033030	2015	Improved	1.17
10033089	2018	Improved	0.90
10033091	2014	Improved	0.65
10033092	2016	Improved	0.99
10033115	2014	Improved	1.16
10033165	2017	Improved	1.03
10033658	2015	Improved	1.09
10033661	2015	Improved	0.97
10033664	2014	Improved	1.01
10033664	2018	Improved	1.00
10033674	2018	Improved	0.89
10034187	2013	Improved	1.37
10034188	2015	Improved	1.17
10034196	2013	Improved	1.35
10036164	2018	Improved	0.98
10037048	2018	Improved	0.64
10037543	2015	Improved	0.93
10037547	2014	Improved	0.56
10037553	2014	Improved	1.31
10037553	2016	Improved	1.62
10037553	2018	Improved	1.80
10037569	2017	Improved	0.74

10037578	2017	Improved	1.77
10037629	2018	Improved	1.28
10037654	2017	Improved	0.77
10037676	2013	Improved	0.80
10037732	2013	Improved	1.38
10037735	2017	Improved	0.87
10037738	2015	Improved	0.82
10037756	2017	Improved	1.03
10037844	2017	Improved	1.04
10037874	2014	Improved	0.88
10037922	2013	Improved	0.61
10038333	2018	Improved	0.72
10039676	2018	Improved	0.75
10039689	2016	Improved	0.88
10040670	2013	Improved	1.02
10040680	2013	Improved	0.93
10042138	2013	Improved	1.93
10044479	2017	Improved	0.78
10044480	2016	Improved	0.72
10053309	2014	Improved	1.01
10054868	2016	Improved	0.70
10054869	2017	Improved	0.88
10054871	2014	Improved	0.86
10060205	2015	Improved	1.14
10062855	2015	Improved	0.79
10062856	2017	Improved	0.89
10065069	2017	Improved	0.95
10065655	2013	Improved	0.94
10065704	2014	Improved	1.37
10065704	2017	Improved	1.28
10065752	2015	Improved	0.78
10069315	2016	Improved	1.07
10069374	2017	Improved	0.80
10069971	2015	Improved	1.07
10070075	2013	Improved	1.00
10070076	2013	Improved	1.02
10070077	2013	Improved	1.11
10087127	2018	Improved	1.06
10087363	2016	Improved	1.09
10087724	2014	Improved	0.94
10087841	2014	Improved	0.63
10087849	2018	Improved	1.37
10087977	2018	Improved	1.14
10091139	2016	Improved	0.94
10091551	2017	Improved	0.96
10101037	2013	Improved	1.40
10108278	2015	Improved	0.63
10108298	2013	Improved	0.68
10112115	2018	Improved	1.25
10112833	2017	Improved	1.22
10113778	2017	Improved	1.27
10123913	2017	Improved	0.85
10144824	2015	Improved	1.75
10144824	2017	Improved	0.93
10163123	2016	Improved	1.05
10233275	2017	Improved	0.84
10233275	2013	Improved	0.79
10246874	2015	Improved	0.91
10246875	2015	Improved	1.08

10246875	2017	Improved	1.01
10275743	2014	Improved	1.14
10275743	2017	Improved	0.91
10275744	2014	Improved	1.02
10275744	2017	Improved	0.93
10275745	2014	Improved	1.02
10275747	2014	Improved	0.96
10275747	2018	Improved	1.01
10284228	2018	Improved	0.85
10284232	2018	Improved	1.49
10322197	2018	Improved	0.88
10013920	2018	Improved	1.05
10013922	2015	Improved	1.10
10013932	2014	Improved	0.93
10013934	2018	Improved	1.03
10013941	2017	Improved	0.95
10013943	2017	Improved	1.13
10013945	2013	Improved	1.00
10013946	2014	Improved	0.99
10013951	2018	Improved	0.69
10013958	2018	Improved	1.31
10013976	2014	Improved	1.13
10013977	2016	Improved	1.22
10013978	2016	Improved	0.81
10013988	2015	Improved	0.86
10013990	2014	Improved	1.04
10013995	2015	Improved	1.09
10013996	2016	Improved	0.82
10014002	2016	Improved	0.97
10018420	2013	Improved	0.73
10018435	2014	Improved	1.64
10018441	2014	Improved	0.87
10018446	2017	Improved	0.67
10018674	2013	Improved	0.66
10018690	2018	Improved	0.78
10018693	2015	Improved	1.09
10018705	2013	Improved	0.79
10018716	2016	Improved	1.03
10018719	2015	Improved	1.25
10018719	2016	Improved	0.97
10018725	2015	Improved	1.03
10018733	2013	Improved	0.94
10018752	2013	Improved	1.37
10018757	2015	Improved	0.85
10018759	2018	Improved	0.62
10018763	2017	Improved	1.32
10018767	2018	Improved	0.85
10021967	2013	Improved	0.57
10022100	2013	Improved	1.27
10022100	2016	Improved	0.74
10022122	2016	Improved	0.84
10022142	2015	Improved	1.31
10022154	2018	Improved	0.55
10022397	2015	Improved	1.13
10022466	2018	Improved	1.12
10022481	2015	Improved	1.15
10022488	2016	Improved	0.87
10022499	2015	Improved	1.56
10022502	2018	Improved	1.49

10022516	2014	Improved	0.89
10022518	2017	Improved	0.93
10022528	2016	Improved	1.24
10026892	2013	Improved	1.43
10026894	2013	Improved	1.02
10026927	2018	Improved	0.67
10026929	2017	Improved	0.84
10026960	2014	Improved	0.96
10026964	2016	Improved	0.77
10026975	2018	Improved	0.93
10026989	2015	Improved	1.46
10026998	2013	Improved	0.83
10026998	2017	Improved	0.89
10027015	2018	Improved	0.89
10027017	2013	Improved	0.77
10027017	2017	Improved	0.82
10027045	2017	Improved	1.24
10027047	2018	Improved	1.21
10027054	2017	Improved	1.03
10027056	2013	Improved	0.81
10027056	2017	Improved	0.95
10027061	2015	Improved	1.14
10027065	2018	Improved	1.30
10027079	2016	Improved	0.86
10027085	2017	Improved	1.10
10027085	2017	Improved	0.92
10027091	2016	Improved	1.03
10027153	2016	Improved	0.90
10027154	2013	Improved	1.02
10027197	2016	Improved	1.23
10027199	2015	Improved	1.02
10027200	2013	Improved	0.98
10027262	2015	Improved	1.07
10027266	2013	Improved	1.06
10027272	2013	Improved	0.90
10027275	2016	Improved	0.96
10027277	2015	Improved	1.29
10027290	2013	Improved	1.14
10027298	2013	Improved	1.22
10027325	2016	Improved	1.19
10027337	2018	Improved	0.92
10027343	2013	Improved	0.90
10027343	2015	Improved	0.81
10027348	2013	Improved	0.71
10027354	2014	Improved	0.83
10027378	2014	Improved	1.01
10027408	2018	Improved	0.79
10027424	2015	Improved	0.88
10027433	2016	Improved	1.37
10027439	2016	Improved	0.75
10027920	2015	Improved	0.78
10027920	2017	Improved	0.64
10027925	2013	Improved	1.05
10027985	2016	Improved	0.84
10027987	2013	Improved	0.88
10028467	2016	Improved	1.31
10032110	2016	Improved	0.81
10033263	2013	Improved	0.85
10033267	2016	Improved	1.06

10033270	2018	Improved	1.07
10033272	2013	Improved	0.56
10033335	2013	Improved	0.86
10033368	2017	Improved	0.73
10033417	2016	Improved	0.99
10033464	2014	Improved	1.09
10033807	2014	Improved	1.42
10033828	2013	Improved	0.87
10033876	2015	Improved	1.08
10033881	2015	Improved	1.67
10033884	2016	Improved	0.91
10033885	2013	Improved	1.04
10033890	2018	Improved	1.17
10033897	2014	Improved	0.95
10033903	2017	Improved	0.74
10033906	2018	Improved	0.91
10033915	2017	Improved	1.05
10033929	2018	Improved	1.55
10033933	2015	Improved	0.88
10059440	2013	Improved	0.88
10059441	2013	Improved	1.04
10059451	2014	Improved	0.97
10059452	2016	Improved	0.97
10059721	2015	Improved	1.33
10059722	2015	Improved	1.36
10059722	2018	Improved	1.23
10059723	2015	Improved	1.30
10065679	2013	Improved	0.84
10070128	2018	Improved	0.83
10070129	2016	Improved	0.77
10070876	2018	Improved	1.14
10070877	2013	Improved	1.36
10070879	2014	Improved	1.14
10086976	2013	Improved	0.88
10091137	2013	Improved	0.87
10091137	2016	Improved	0.87
10091140	2018	Improved	0.81
10091223	2013	Improved	1.33
10091223	2016	Improved	1.15
10093276	2014	Improved	0.98
10106577	2015	Improved	0.77
10113530	2013	Improved	1.00
10113530	2015	Improved	1.22
10113531	2014	Improved	1.21
10120535	2013	Improved	2.16
10123795	2018	Improved	0.86
10130885	2016	Improved	0.95
10133583	2014	Improved	0.88
10136588	2014	Improved	0.83
10147647	2015	Improved	1.08
10147647	2017	Improved	0.92
10169664	2015	Improved	0.57
10190714	2018	Improved	0.90
10204914	2018	Improved	0.68
10226517	2014	Improved	0.72
10226524	2015	Improved	0.93
10242874	2018	Improved	0.75
10251815	2015	Improved	0.78
10256293	2015	Improved	1.28

10256295	2013	Improved	1.50
10256296	2013	Improved	1.51
10256296	2016	Improved	0.86
10258443	2015	Improved	0.91
10259150	2014	Improved	0.83
10268141	2016	Improved	0.69
10271843	2014	Improved	0.81
10271844	2015	Improved	0.86
10271845	2015	Improved	0.84
10271846	2013	Improved	0.86
10271847	2013	Improved	1.01
10271848	2013	Improved	1.04
10271848	2017	Improved	1.04
10271849	2014	Improved	0.90
10271850	2014	Improved	0.91
10284603	2015	Improved	0.91
10284604	2015	Improved	0.93
10284637	2014	Improved	0.96
10284638	2014	Improved	0.95
10285209	2015	Improved	1.09
10285210	2018	Improved	0.98
10310476	2017	Improved	0.87
10313856	2018	Improved	1.44
10020848	2013	Improved	0.93
10024756	2014	Improved	1.71
10024756	2018	Improved	1.17
10025470	2013	Improved	1.44
10026201	2016	Improved	0.88
10027161	2017	Improved	0.89
10027161	2018	Improved	1.03
10032018	2018	Improved	0.69
10034132	2014	Improved	0.97
10055480	2018	Improved	1.13
10065639	2014	Improved	1.18
10065683	2014	Improved	1.09
10235033	2017	Improved	0.76
10252495	2017	Improved	0.71

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