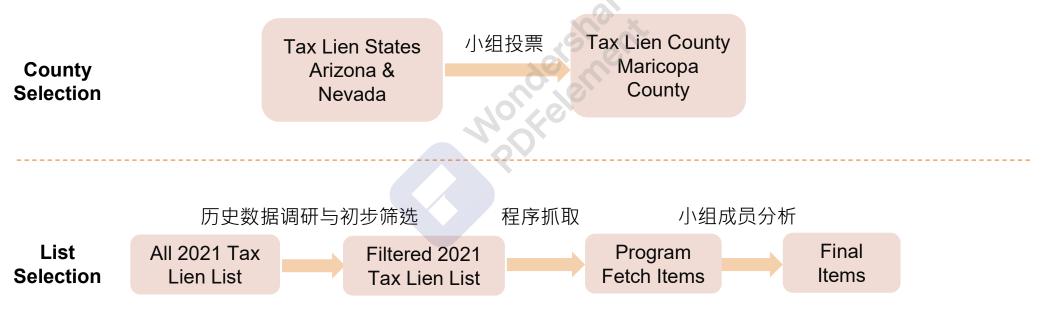


Tax Lien Final Report

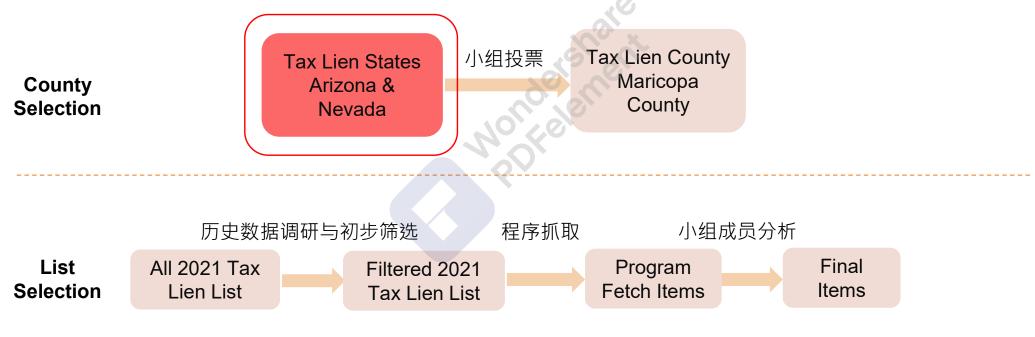
第1组 - 西部之星

Max - 组长 凤城红 紫苏 Anna Songan Jian Jim Jing Michelle Hong 悦 高伟

Overview



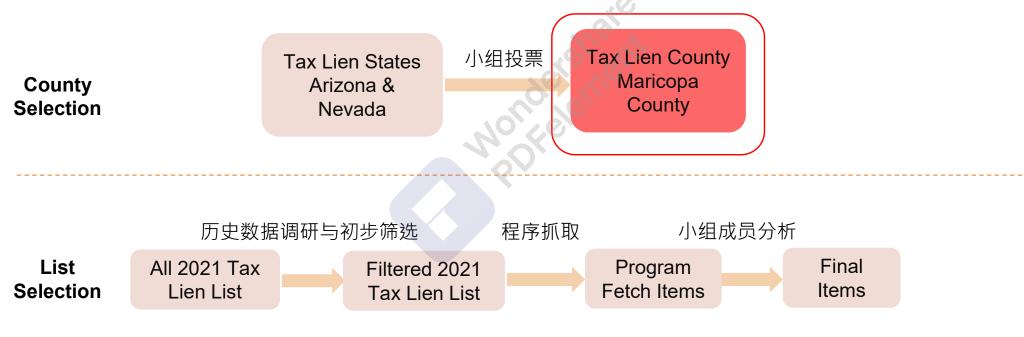
Tax Lien States: Arizona & Nevada

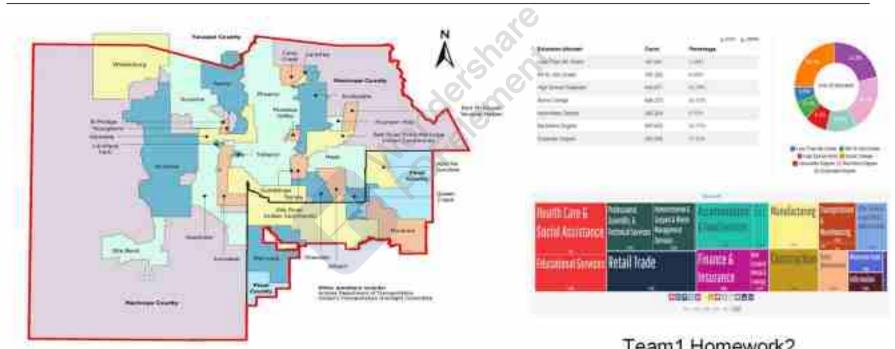


Tax Lien States: Arizona & Nevada



Tax Lien County: Maricopa County





Team1 Homework2



3) 该市场销售的是税留置权(Tax Liens)还是税地契(Tax Deeds), Redemption Deeds?	Tax Lien
5) 税务留置权售出方式是什么,是线上拍卖, 还是现场拍卖?	在每年十二月依然拖欠地税的物业将被加入留置权(Tax Lien)拍卖,以Maricopa County为例,线上拍卖将在每年二月初于此网站举行。 https://maricopa.arizonataxsale.com
6) How does the bidding work (do you bid down the interest rate, pay a premium, or bid down ownership interest)?拍卖方式(是否由高向低拍利率,支付溢价,或由高向低拍房地产所有权利息)?	亚利桑那州各县使用一种降低利率的投标制度来拍卖税收留置权。投标人通过降低他们愿意接受的回报率来竞争. 投标以最高回报率开始(16%)以百分之1的增量下降(1%)直到确定最低出价。
14) 止赎程序 (Foreclosure)如何?	在3年赎回期(Redemption Period)内未赎回的业主将被取消赎回权。税务留置权持有人(Tax Lien Holder)止赎(Foreclosure)必须在拍卖之日起10年内提交,否则税务留置权(Tax Lien)无效。当赎回期到期时,留置权持有人必须与县司库(Treasurer's Office)联系,启动止赎(Foreclosure)程序,并申请司库契约(Treasurer's Deed)。留置权持有人将被要求支付产权搜索(Title Seaech)的费用,以及发布和邮寄通知的费用。当留置权持有人启动丧失抵押品赎回权时,高等法院将审查申请,以验证所有权的转让。在高等法院核实申请后,将建立成为税务地契(Tax Deed)并发给留置权持有人。

Redeemed/Sold	Avg Days Held	Avg Int Rate	Tax Year
16.1%	87	4.58%	2019
54.9%	165	3.85%	2018
75.9%	278	3.87%	2017
89.1%	352	3.61%	2016
94.4%	408	4.30%	2015
95.0%	426	3.21%	2014
95.6%	468	4.14%	2013
95.9%	500	5.59%	2012
96.5%	528	7.10%	2011
96.9%	514	9.12%	2010
97.3%	533	9.34%	2009
97.6%	509	8.66%	2008

根据Maricopa County出价历史纪录,在经济不好时拥有较高利息9.34%,经济好时利息则较低3.21%,超过95%左右的Tax Lien均会被赎回

历史数据调研与初步筛选

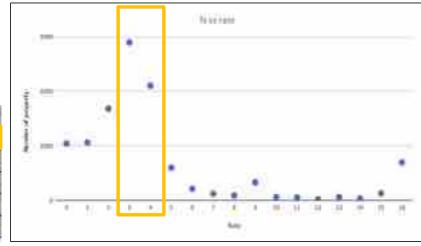


2020万史数据调研

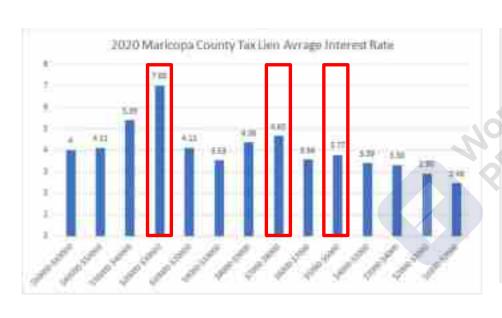
	FACE AMOUNT	WINNINGBID
Max	178710.01	16.00
Min	23.03	0.00
Median	783.61	3.00
Average	1656.84	4.57

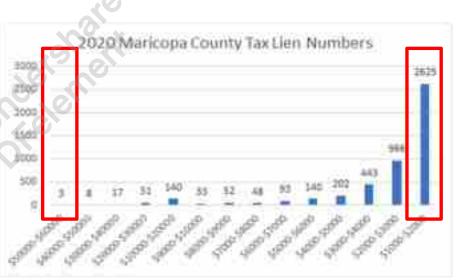
Face Amount中位数为\$786.31 · 中位数中标的利息为3% · 机构投资者购买\$500-\$3000的Tax Lien · 平均利息在2.5%-5%之间 · 最多中标的Tax Lien利息也是3% · 大约有3000个 · 次多的Tax Lien利息则是4% · 大约有2000个

PRIMARY NAME ON ACCOUNT	# of lien	Total \$	Avr5/lien	Min5	MixS	Avr int
MOUNTAIN RESION TAX AUCTION LLC	549	2,402,338	2,531	60	105,400	2.37
GRAND CANYON FUNDING, CLC	477	642,110	1,345	37	112,647	5.56
BAFH PROPERTIES LLC	415	20,820	50	23	291	7.27
ARAPAHO LLC	3,436	5,261,253	1,531	31	14,543	2.70
FNA DZ, LLC	170	2,077,205	12,219	425	178,710	4,14



2020万史数据调研(Cont.)





2020万史数据调研(Cont.)

Face Amount Range	Average Face Amount	Avrage interest Rate	1-Year Average Revenue	
\$50000-\$60000	51746,055	4	(O' x	069.84
540000-550000	45534,44	4.11	15	871.97
\$30000-\$40000	33643.10778	5.39	0	812.99
\$20000-\$30000	23829.59154	7,00		668.07
\$10000-\$20000	13829.62184	4.11		568.88
\$9000-\$10000	9547.582059	3:53		336.97
\$8000-\$9000	\$444.230943	4.36		358,04
\$7000-\$8000	7391.157959	4.65		343.92
\$6000-\$7000	6511.49766	3.56		232.06
\$5000-\$6000	5425.344823	3.77		204.32
\$4000-\$5000	4474.621576	3.39	1)	151.65
\$3000-\$4000	3441.573041	3.30		113.63
\$2000-\$3000	2428.960372	2.90		70.53
\$1000-\$2000	1410.214497	2,46		34.62

2021初步筛选

- 1. Tax Lien价格中位数为\$800左右,我们筛选略高于中位数的\$900了解Maricopa County的普遍状况。
- 2. 其中一个调查的目标是商业地产,在COVID-19疫情冲击有些商业地产可能受到影响,大于\$10000的多数为商业地产,然而超过\$20000的Tax Lien较少,我们将筛选商业地产Tax Lien价格定在\$10000。
- 3. 其中一个调查的目标是住宅地产,Maricopa County的地税率为0.61%,且房价中位数为\$242,700,拖欠地税会产生几个月的利息按16%算,加上其他费用。2019全年 tax lien差不多是房价1% 左右,我们将筛选住宅地产Tax Lien价格定在\$3000。
- 4. 根据2020年\$1000到\$6000的Tax Lien平均利率收益,以\$5000-\$6000最高,因此我们筛选\$5000-\$6000的Tax Lien。
- 5. 根据2020年\$6000到\$10000的Tax Lien平均利率收益,以\$7000-\$8000最高,因此我们筛选\$7000-\$8000的Tax Lien。

程序抓取

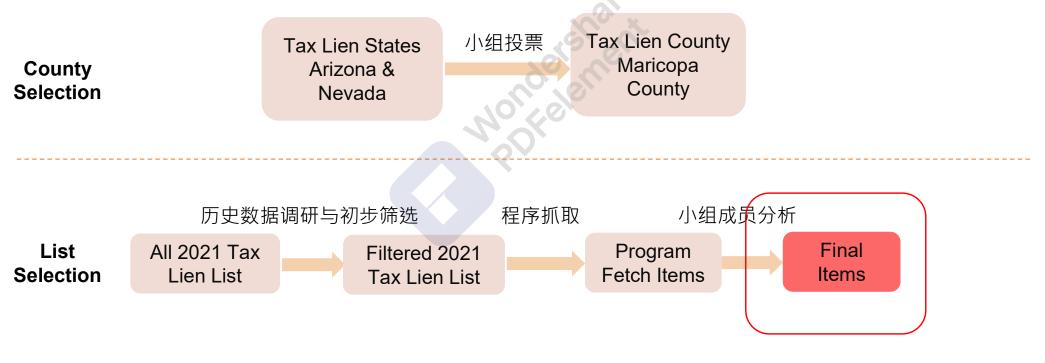


程序抓取

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Team1 Homework 3

小组成员分析



Maricopa County Case: Location

3256 N 88th St, Mesa, AZ 85207







Maricopa County Case: Property Information



Maricopa County Case: Numbers and Tax

Dancel Number	240242004
Parcel Number	21924208A
Face Amount	\$7,239
Tax Year	2020
Tax Amount	\$6,412
Assessment Year	2020
Land Value	\$14,040
Improvement Value	\$56,190
Assessed Value	\$70,230
30% Value Rule (Assessed Value * 30%)	\$21,069
Full Cash Value (Estimated Market Value)	\$706,500
30% Value Rule (Full Cash Value * 30%)	\$211,950
Interest Rate	3%
1-Year Return	\$217
3-Year Return	\$652
Owner Occupied	YES
Owner Name	QUESENBERRY FORREST R
Parcel URL	https://mcassessor.maricopa.gov/mcs/?q =21924208A

选定策略

- 1. 根据业主过往Tax历史纪录,赎回Tax Lien机会很高
- 2. 因为疫情影响,如果业主不赎回拿下房子,有机率以小博大
- 3. 过往\$7000-\$8000利息平均是4.65%,每次都以1%下降竞标,我们出价低于平均的
- 3%,增加获得Tax Lien的概率

Tax Year Stance	Assessed Tax	Amount Due
O zitic impat	26.411.72	35,352.69
O 2010 Subset	\$6,047.02	57,213,99
O Data incommen as you	\$5,756.33	81,00
O 2017 September Services	\$5.910.40	\$3.00
O Mile Fee	\$5.567.74	\$5,00 \$0.00
0 2011 Fail	\$4,590.98	90,00
O 2014 Felt	\$4794.96	pti.00
0 2013 Field.	\$4,202.54	\$13:00
O 2012 FWR	\$4,309.26	\$11.00
O 3011 P=R	\$4,505.14	BII.00
0 1010 Feet	\$4,500.64	\$6.00

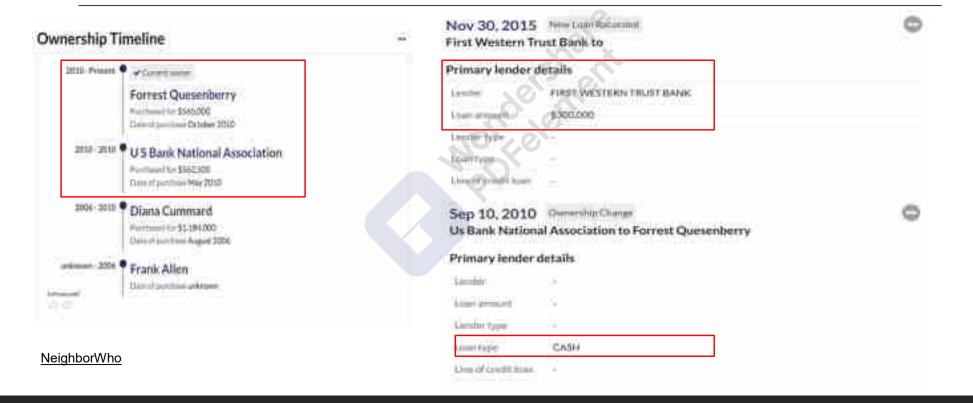
Arizona Property Tax Calculation

Maricopa County Case: Owner and Deed



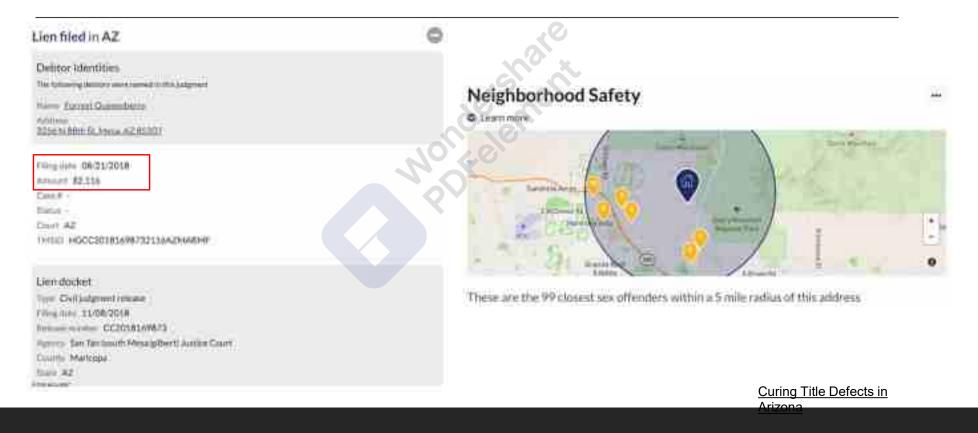
Maricopa County Case: NeighborWho Website





Maricopa County Case: NeighborWho Website (Cont.)





Maricopa County Case: Recorder Office History

Name	Recording Number	Recording Date	Amount	Recording Type
D J PURCELL	20140661488	10/06/2014		Deed of Full Release
Franklin Mortgage Company	20140636519	9/25/2014	\$300,000	Deed of Trust
D J PURCELL	20121165193	12/14/2012	\$20,000	Deed of Trust
A&A Funding Corporation	20110916501	11/3/2011		Assignment of Beneficial Interest
A&A Funding Corporation	20110916500	11/2/2011	\$200,000	Assignment of Rents
US BANK NATIONAL ASSOCIATION	20100786223	9/10/2010		Special Warranty Deed

Maricopa County Recorder

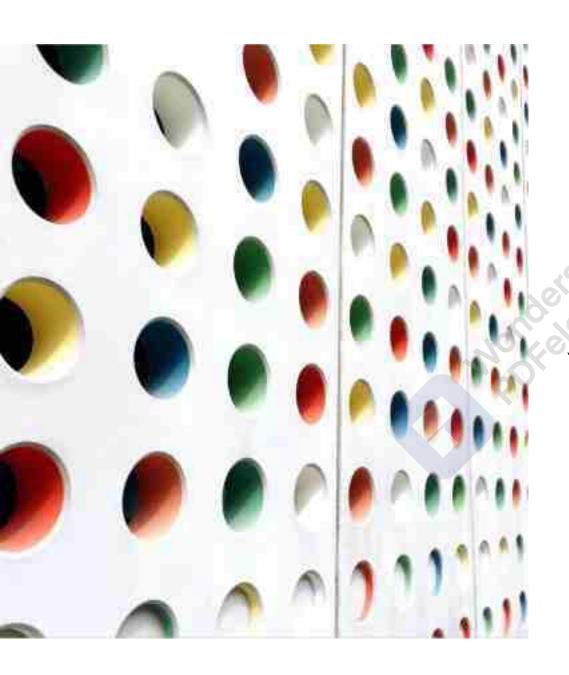
Maricopa County Case: Recorder Office History (Cont.)

Name	Recording Number	Recording Date	Amount	Recording Type
Banner Baywood Medical Center	20160571375	8/10/2016	e C	Lien Release
Banner Baywood Medical Center	20160059055	1/28/2016	\$1148.8	Medical Lien
First Western Trust Bank	20150845853	11/30/2015		Assignment of Beneficial Interest
First Federal Investment Company	20140825368	12/16/2014	\$300,000	Assignment of Deed of Trust
A&A Funding Corporation	20140718158	10/29/2014		Deed of Full Release

Maricopa County Recorder

Maricopa County Case: Foreclosure

Face Amount	\$7,239.00	
Full Cash Value	\$706,500.00	
Past Tax Due (2020)	\$6,582.00	
Future Tax Due (2021, 2022, 2023)	\$19,746.00	
Other Lien Due (Civil Judgement Lien)	\$2,116.00	
Foreclosure Attorney Fees	\$1,500	
Closing Costs (7% of Full Cash Value)	\$49,455.00	
Total Foreclosure Costs (Face Amount + Past Tax Due + Future Tax Due + Other Lien Due + Foreclosure Attorney Fees + Closing Costs)	\$85,138.00	虽然业主不赎回的比例很低,贷款公
Total Foreclosure Revenue (Full Cash Value - Total Foreclosure Costs)	\$621,362.00	司也可能帮忙付清,如果很幸运能以小博大,获利将十分可观
Foreclosure Return Rate (Total Foreclosure Revenue / Total Foreclosure Costs)	729.83%	



谢谢大家聆听!

第1组 - 西部之星