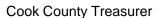


Cook County Treasurer Maria Pappas

STATE OF THE OFFICE - 2019

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Toni Preckwinkle
President
Cook County Board of Commissioners
118 N. Clark Street, Room 500
Chicago, IL 60602

October 24, 2018

Dear President Preckwinkle:

It is with great pleasure that I submit to you the Fiscal Year 2019 budget for my office.

Year after year, I come before the Board with a budget request that meets or exceeds the proposed target. My 2019 budget marks the 18th consecutive year that I have met or exceeded the target.

In 2018, there were many accomplishments of which I am proud. As the fiscal year began, I prepared for the great influx of property tax prepayments due the change in federal law. Cook County was the first jurisdiction to create an online prepayment system but my website was also the first to provide functionality for prepayers to print their tax bills.

Additionally, I redesigned cookcountytreasurer.com to bring a one-stopping shop approach to property owners, combining the most important property information on a single overview page.

Last, I eliminated the need for 53,000 taxpayers to submit a signed, written refund application. Instead, I issued automatic refunds to these payers owed money because of changes to exemption laws. The overwhelming majority of refunds were issued electronically – eliminating the need to print and mail paper checks.

As FY2019 kicks off, I again plan to use technology to drive efficiency in the Treasurer's Office. The initiatives the office will undertake include utilizing Artificial Intelligence (AI) technology and preparing to distribute a dual coupon tax bill.

As to the particulars of the FY2019 budget for the Treasurer's Office, the following are this year's highlights:

- We were asked to meet a **budgetary target** of \$970,737 for Fiscal Year 2019, and have put together a request for a budget of \$867,096 a **reduction of 8.73 percent from FY2018.**
- Our FY2019 headcount is 86.5, a **65.4 percent reduction** from 1998 when the office had 250 employees.
- If the office maintained a staff of 250 employees as it had in 1998, the budget for the office would be about \$47 million.

While the budget contains a 8.73 percent reduction for FY2019, our goal continues to be an entirely self-funded office independent of any taxpayers-funded sources.

I am proud to recommend the adoption of the FY2019 budget for the Treasurer's Office.

If you have any questions, please do not hesitate to contact me.

Sincerely,

Maria Pappas

Cook County Treasurer

Accomplishments



INNOVATIVE PREPAYMENT PROGRAM

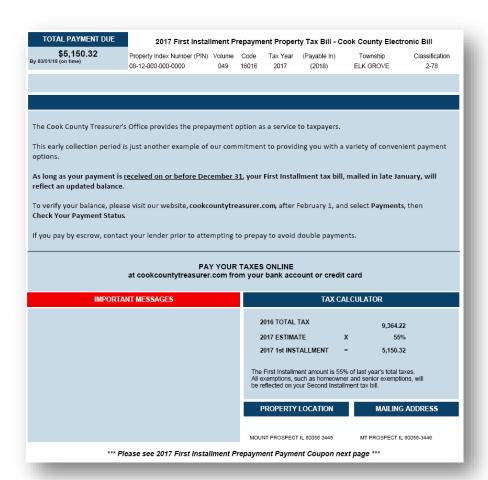
The Treasurer's Office added enhancements in early December 2017 for property owners to prepay their 2017 first installment taxes.

The office was the first jurisdiction in the country that provided early online payments and the ability for taxpayers to download and print their bill at cookcountytreasurer.com.

The efforts to accommodate prepayers wishing to take advantage of changes to federal tax laws were featured in many national news segments, including the NBC Nightly News.

More than 125,000 prepayments totaling \$757 million were processed by the Treasurer's Office for tax year 2017. In contrast, only 1,700 prepayments for \$14 million were collected for tax year 2016.

As a convenience for taxpayers, the office opened for prepayments on New Year's Eve (Sunday, December 31, 2017).



EARLY SECOND INSTALLMENT DATA RELEASE

The Treasurer's Office followed through on its commitment to allow taxpayers access to view taxes earlier for the second installment.

In June 2018, the office provided taxpayers the ability to pay their second installment bill earlier than prior years, and download their electronic tax bill even before physical bills were mailed.

In prior years, this information would be added the first week of July.



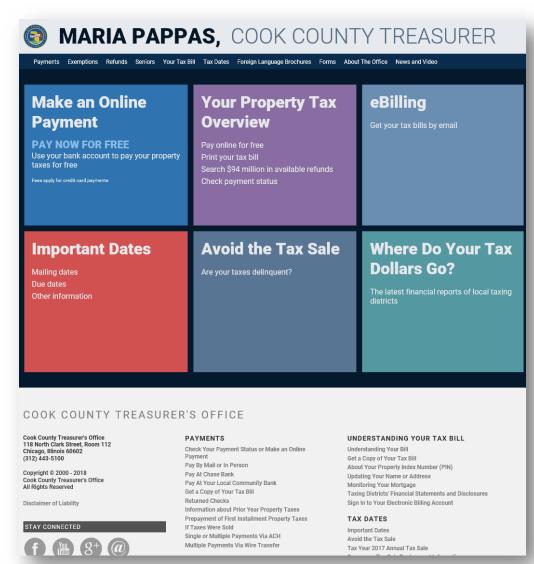
ONE-STOP SHOP: REENGINERRING COOKCOUNTYTREASURER.COM

The Treasurer's Office updated its website in late January 2018 to simplify information and functionality for property owners.

"Your Property Tax Overview" was created to serve as a "one-stop shop" to provide quick access to view:

- Current mailing name and address
- Tax amount due
- Tax bill download
- Find overpayments
- Confirm tax exemptions

The site was redesigned to provide property owners the ability to perform searches with either a property address or 14-digit Property Index Number (PIN).



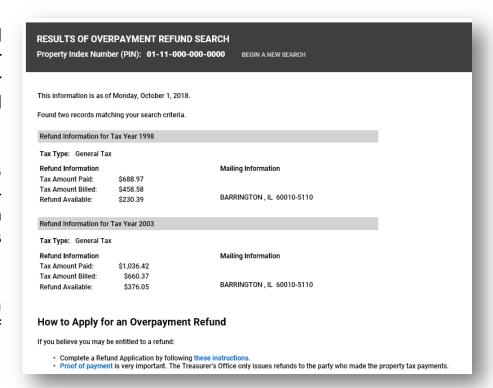
TAXPAYER REFUNDS - \$94 MILLION AVAILABLE ON WEBSITE

The Treasurer's Office has revamped cookcountytreasurer.com to make it easier for taxpayers to search by property address or property index number (PIN) if they are owed a refund going back over the past 20 years.

More than **\$94** million in tax overpayments is available to property owners. Nearly \$544 million in overpayments, however, has been refunded or prevented by the Treasurer's Office since 2009.

The redesigned site puts key information about your property in a single place. To see if you are entitled to a refund, go to the website:

- Select "Your Property Tax Overview"
- Search by address or by Property Index Number (PIN)
- Look for the results under "Are There Any Overpayments on Your PIN?"
- Complete the online application if you believe you are entitled to a refund



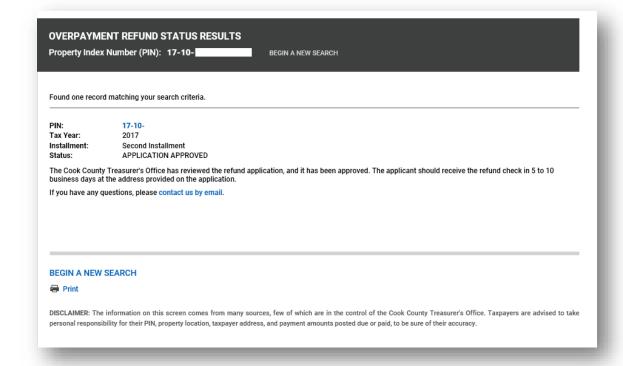
REFUND STATUS TRACKING SYSTEM

In 2018, the Treasurer's Office created and implemented an automated tracking system for refunds.

The system posts refund status updates online and provides automatic emails to applicants.

This system has reduced phone calls, emails, and office visits from those inquiring about refund status.

Taxpayers can now know exactly what stage their application is in and when they can expect their refund.



AUTOMATIC REFUNDS – ELIMINATING THE APPLICATION PROCESS

The Treasurer's Office directly issued **refunds to 53,000 taxpayers** in August 2018 due to changes in exemption laws for residential homeowners.

The \$19.5 million in refunds issued eliminated the need for taxpayers to fill out a paper refund application.

The majority of refunds were issued electronically to the bank account or credit card from which the original payment was made.

The refunds were the result of legislation passed last year by the Illinois General Assembly that increased existing tax exemptions for homeowners and senior citizens. For thousands of homeowners, the exemptions not only eliminated any balance due August 1, but also created refunds for payments earlier this year.

REFUND BREAKDOWN – August 2018



36,000

Refunds issued electronically directly into taxpayers' bank or credit card accounts.



17,000

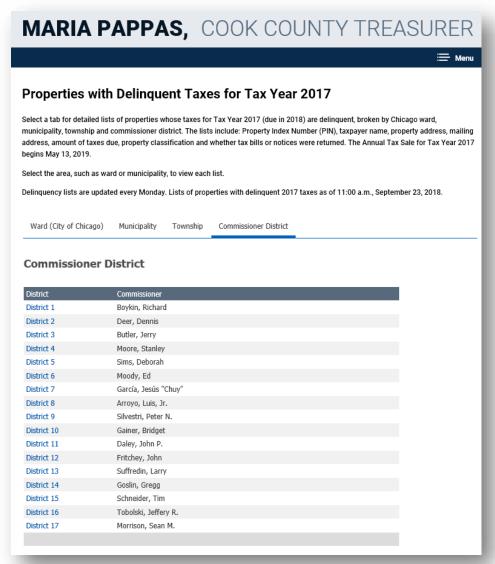
Refunds issued via check directly to taxpayers.

TARGETED OUTREACH PROGRAM

The Treasurer's Office affirmed its commitment to outreach by partnering with elected officials and community and civic leaders throughout the county to increase awareness about property tax issues.

The office continues to provide updated information and data on cookcountytreasurer.com for officials, such as properties possibly missing exemptions and delinquent parcels in their particular area. PIN records also reflect if a tax bill was returned as undeliverable by the U.S. Postal Service.

Data is updated weekly.

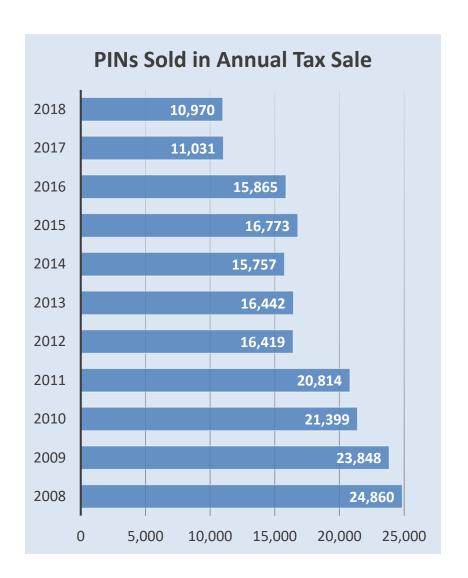


TARGETED OUTREACH PROGRAM – IMPACT ON TAX SALE

As a result of the outreach program, there were only 10,970 PINs sold at the April sale, and the fewest number of PINs sold at sale in the eleven years of automated sales.

The office sent multiple notices to delinquent property owners in an effort to increase awareness that they had less time to pay. To ensure every taxpayer received notice, multiple attempts were made to reach delinquent taxpayers.

The office urged elected officials to help increase awareness to homeowners whose delinquent taxes, if left unpaid, may result in a loss of their home.

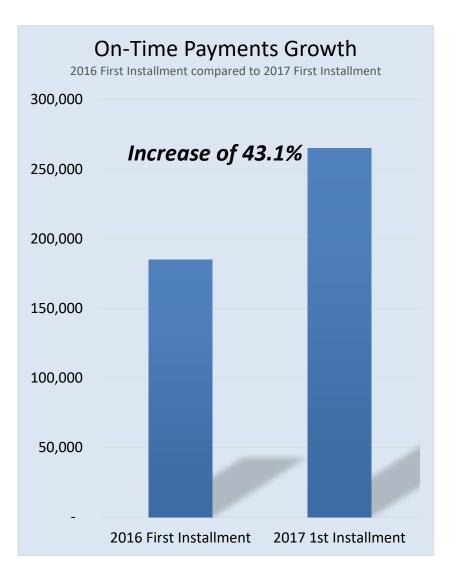


FREE ONLINE PAYMENTS

In January 2018, the Treasurer's Office eliminated the \$1 online payment convenience fee. This change provides taxpayers the ability to submit payment from their bank account without incurring the fee which was collected by Chase Bank.

For the 2017 first installment, on-time payments increased by 43.1 percent compared to the prior year.

More payments were made online for TY2017 than collected at Chase Bank. 654,506 paid online compared to 627,783 at branches through October 1, 2018.

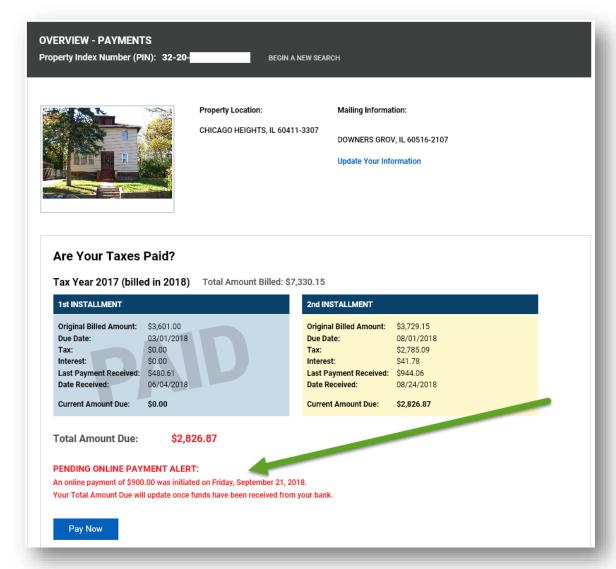


PENDING ONLINE PAYMENT ALERT

The Treasurer's Office added a notification to the website for online bank account payments in July 2018.

As soon as the payment process is completed, a "Pending Online Payment Alert" is displayed on the Property Tax Overview page until the funds have been received and posted to the PIN record.

This alert message is a continuation of the office's STOPS program designed to prevent overpayments by taxpayers.

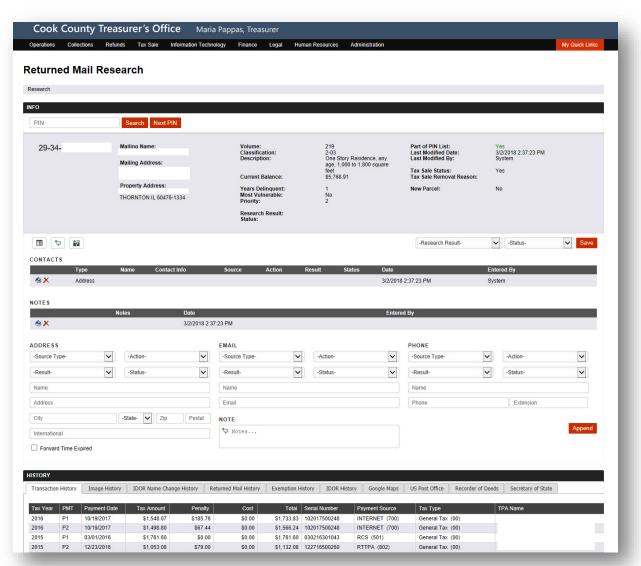


RETURNED MAIL RESEARCH MODULE

In order to assist with researching tax bills returned by the U.S. Postal Service, the Treasurer's Office developed the Returned Mail Research module.

The module combines historical PIN-related data with external research sources such as Google Maps, the USPS and the Secretary of State.

Research into determining the latest valid mailing address has been streamlined.

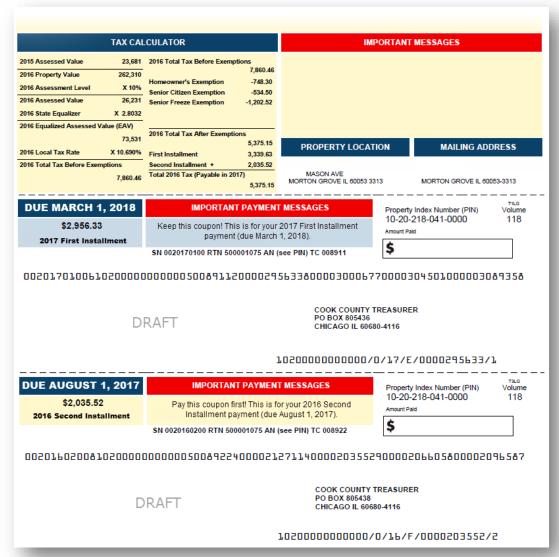


DUAL COUPON PROPERTY TAX BILL

The Treasurer's Office is working on designing a tax bill that will contain two coupons:

- One coupon for the second installment taxes
- One coupon for the next year's first installment taxes

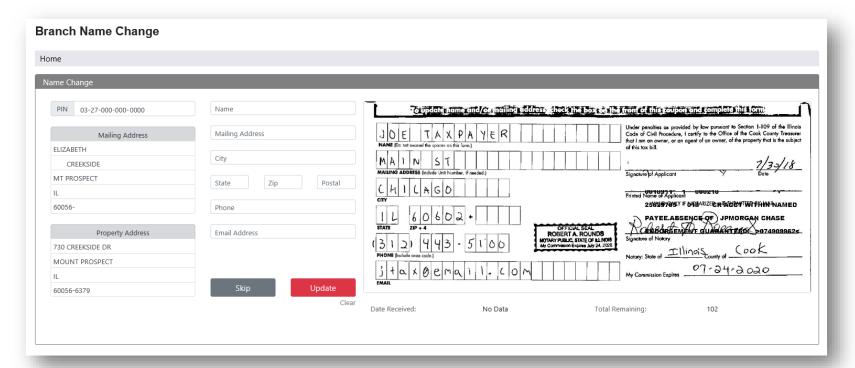
Since first installment taxes are calculated at 55 percent of the prior year's total taxes, the next installment's bills can be calculated at the time of second installment.



USING ARTIFICIAL INTELLIGENCE (AI)

The Treasurer's Office has begun to utilize **Artificial Intelligence (AI)** and character recognition capabilities for internal processes.

The process for changing a name and address on the back of a payment coupon automatically reads the handwriting on the coupon and initiates the name change directly in the Treasurer's system.



MAJOR ACCOMPLISHMENTS

In FY1998, there were a number of challenges in the Treasurer's Office:

- 250 employees in the office
- Only six '386' personal computers
- Office was not Y2K Compliant
- No Third Party Agent (TPA) wire payment system
- No lockbox
- No bank branches accepting payments
- No financial audit
- No Information Technology (IT) department
- No Website
- No email system
- No phone system
- \$30 million in uncashed checks on the floor
- One mail-opening machine

The solution?

Automation, which has led to reduced headcount and greater efficiency.

Website Innovation



WEBSITE (cookcountytreasurer.com)

The Treasurer's Office created an online site at cookcountytreasurer.com specifically so that taxpayers can directly access information and:

- · Submit payment online
- Check payment status
- Order duplicate tax bill
- Search for refunds
- · Access frequently used forms
- 'Contact Us' via email.
- Download informational brochures

The site has been visited more than 60 million times.

July 2018 saw the highest number of visitors in a single month as 747,628 accessed the site.

60 million website visitors

Fiscal Year	Quantity
2018*	5,432,336
2017	5,063,847
2016	4,554,406
2015	4,068,008
2014	3,051,125
2013	3,766,049
2012	4,367,537
2011	4,081,384
2010	3,776,292
2009	3,390,660
2008	3,412,301
2007	4,832,303
2006	3,678,393
2005	3,904,819
2004	2,738,366
Total	60,117,826
*Through September 30, 2018	3.

WEBSITE (cookcountytreasurer.com)

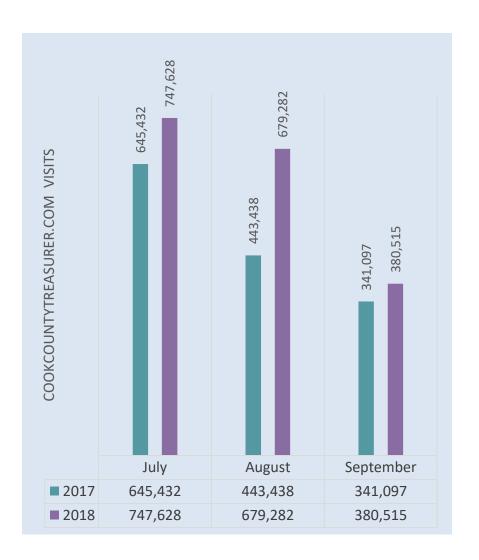


WEBSITE – PAGE VISITS

As a result of new functionality on the Website, refund lookup and free online payments, cookcountytreasurer.com is visited by more and more users each month in 2018.

- In July 2018, the Website saw an increase of 15.8 percent compared to July 2017.
- In August 2018, the Website saw an increase of 53.2 percent compared to August 2017.
- In September 2018, the Website saw an increase of 11.6 percent compared to September 2017.

Combined, the summer of 2018 saw an increase of 26.4 percent in Website visits.



WEBSITE – PAGE VISITS

In FY2018, cookcountytreasurer.com has been visited nearly **5.5 million times**. Comprehensive statistics appear below.

General Statistics	December	January	February	March	April	May	June	July	August	September*	YTD*
Number of Visits	657,537	454,339	635,875	614,920	486,296	408,341	367,603	747,628	679,282	380,515	5,432,336
Average Visit Length (Minutes)	2.71	2.18	1.98	1.74	2.44	2.48	1.92	1.87	1.69	1.82	2.08
Visitors that visited more than once	144,031	66,226	90,104	110,578	72,746	53,210	63,000	110,304	2,844	100,478	813,521
First time visitors	248,997	197,478	292,200	250,772	273,373	171,238	174,425	415,100	312,856	111,546	2,447,985
Visited Pages	December	January	February	March	April	May	June	July	August	September*	YTD*
Property Tax Overview Results	0	0	143,133	196,447	142,592	108,964	146,499	439,186	313,492	151,948	1,642,261
Property Tax Overview Search	0	0	152,794	213,955	157,493	121,352	162,274	454,016	329,110	145,258	1,736,252
Payment Status Results	222,561	166,985	274,591	143,083	86,238	74,795	58,608	186,241	45,934	16,401	1,275,437
Payment Status Search	275,780	206,701	247,042	129,605	95,562	85,064	87,813	174,811	90,827	50,728	1,443,933
Scavenger Tax Sale	580	661	674	1,079	909	815	494	606	629	567	7,014
Name/Address Change	5,308	5,049	15,137	11,998	7,574	6,353	7,008	28,851	26,906	16,962	131,146
Contact Us Form	8,900	896	1,179	1,327	788	954	726	1,686	2,054	1,272	19,782
Contact Us Information	501	227	329	275	212	179	165	333	325	235	2,781
If Taxes Were Sold	1,230	1,683	1,875	1,898	2,083	2,467	1,218	1,727	1,550	1,098	16,829
Annual Tax Sale Information	748	1,135	1,703	1,333	1,484	1,172	682	828	878	490	10,453
Homeowner Exemption Information	4,127	7,967	6,849	5,889	4,101	3,470	3,991	11,747	7,108	3,991	59,240
Apply for Refund Information	1,306	1,646	1,716	2,470	2,288	1,735	2,202	8,404	12,805	3,994	38,566
Research A Topic	1,839	1,596	1,509	1,143	875	523	999	10,925	2,816	1,062	23,287
News Article View	2,074	981	992	930	962	817	639	783	6,519	1,022	15,719
TPA Home Site	7,055	7,935	10,256	6,574	7,341	9,438	9,181	11,926	8,857	7,637	86,200
Community Bank Home (Teller View)	656	426	1,187	415	257	262	282	1,371	477	265	5,598
Tax Sale List	5,173	3,530	1,721	2,444	5,222	1,835	386	143	24	10	20,488
Exemption Results	10,802	11,521	13,794	7,614	7,049	5,001	6,452	25,644	19,068	8,767	115,712
PIN Summary	242,138	181,670	291,964	154,878	136,923	81,582	67,441	188,836	46,684	16,619	1,408,735
Estate Search	424	543	488	527	499	489	515	830	1,315	726	6,356
Sign up for email notification	767	586	353	300	267	201	202	606	421	260	3,963
Senior citizen homestead exemption	2,206	4,482	3,715	2,343	1,793	1,171	2,003	6,900	3,555	1,308	29,476
Senior citizen assessment freeze exemption	1,854	4,700	3,173	2,088	1,797	1,226	1,760	6,353	3,109	1,640	27,700
Due dates	6,056	7,187	7,348	6,338	5,643	7,848	13,327	11,352	6,206	3,581	74,886
Understanding your tax bill	2,957	2,578	2,305	1,930	1,516	1,493	1,972	3,271	1,920	1,370	21,312
Completed Uncashed Check Searches	316	460	604	662	394	314	183	420	3,869	1,167	8,389

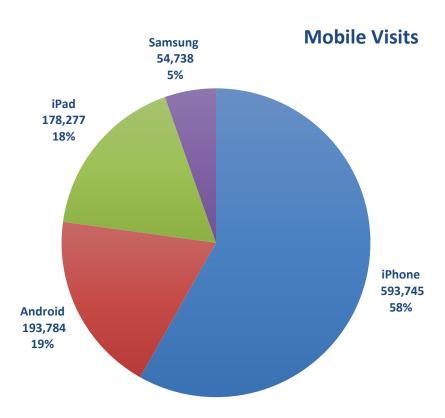
^{*}Through September 30, 2018

MOBILE WEBSITE (cookcountytreasurer.com)

The site was upgraded in June 2015 to better accommodate taxpayers using a mobile device.

The programming code automatically recognizes if a visitor is using a mobile device and conforms the layout and design to fit the device.

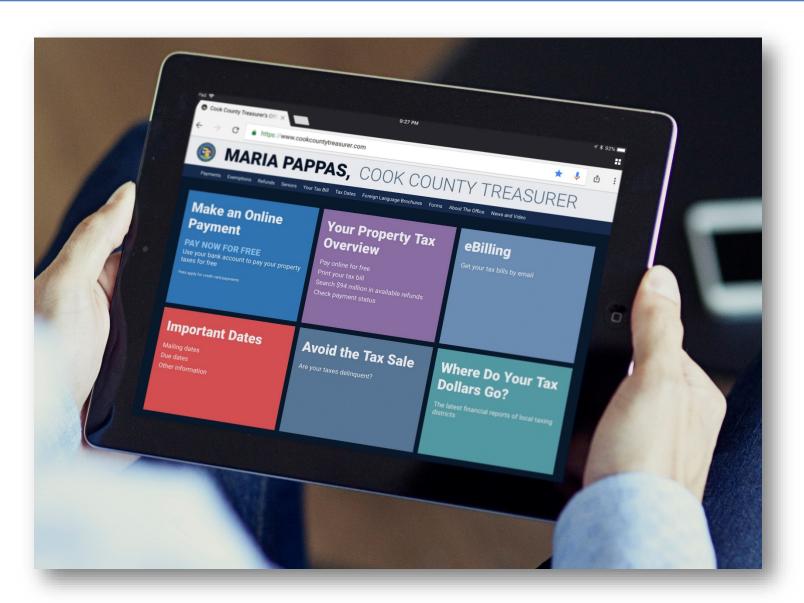
Since December 1, 2017, there have been more than 1 million visits from mobile users.



1,000,000

mobile device visitors to cookcountytreasurer.com

MOBILE WEBSITE (cookcountytreasurer.com)



FOREIGN LANGUAGE CONTENT

The Treasurer's Office installed a new feature on the Website. Property owners may navigate to cookcountytreasurer.com and access the content in 103 different languages.

The Treasurer's Office implemented translation services directly into the code. With a simple click of a button, the site's content will be translated into the desired language via Google Translate.

103 foreign languages available on cookcountytreasurer.com

Afrikaans Hebrew Albanian Hindi Amharic Hmong Arabic Hungarian Armenian Icelandic Azerbaijani Igbo Indonesian Basque Belarusian Irish Bengali Italian **Bosnian** Japanese Bulgarian Javanese Catalan Kannada Cebuano Kazakh Chichewa Khmer Chinese (Simplified) Korean Chinese (Traditional) Kurdish (Kurmanji) Corsican Kyrgyz Croatian Lao Czech Latin Danish Latvian Dutch Lithuanian Esperanto Luxembourgish Macedonian Estonian Filipino Malagasy Finnish Malay French Malayalam Frisian Maltese Galician Maori Marathi Georgian German Mongolian Greek Myanmar (Burmese) Gujarati Nepali Haitian Creole Norwegian **Pashto** Hausa

Hawaiian

Polish Portuguese Punjabi Romanian Russian Samoan Scots Gaelic Serbian Sesotho Shona Sindhi Sinhala Slovak Slovenian Somali Spanish Sundanese Swahili Swedish Tajik Tamil Telugu Thai Turkish Ukrainian Urdu Uzbek Vietnamese Welsh Xhosa Yiddish Yoruba Zulu

Persian

27

FOREIGN LANGUAGE CONTENT



INFORMATIONAL BROCHURES

Taxpayers may view and download informational brochures in English and 23 foreign languages on cookcountytreasurer.com:

Albanian	Czech	Korean	Slovakian
Arabic	German	Lithuanian	Spanish
Assyrian	Greek	Polish	Thai
Bulgarian	Hindi	Romanian	Ukrainian
Chinese	Italian	Russian	Urdu
Croatian	Japanese	Serbian	

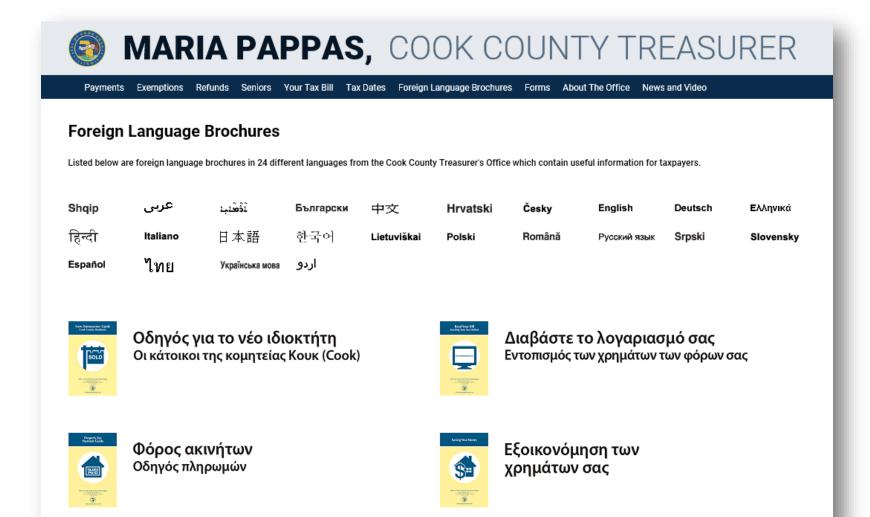
The informational brochures have been downloaded 490,916 times (foreign brochures downloaded 408,929 times) since 2006, and 2,975 times thus far in 2018.

The office has eliminated the need for translators since foreign language information is readily available.

408,929 foreign language brochure downloads

Language	Total (as of 9/30/18)
Albanian	8,945
Arabic	19,391
Assyrian	13,154
Bulgarian	13,000
Chinese	28,652
Croatian	21,277
Czech	7,460
English	81,987
German	9,778
Greek	10,208
Hindi	699
Italian	10,274
Japanese	2,855
Korean	23,189
Lithuanian	9,963
Polish	131,594
Romanian	14,537
Russian	18,148
Serbian	13,847
Slovakian	5,532
Spanish	27,266
Thai	3,513
Ukrainian	7,481
Urdu	8,166
Total Downloads	490,916

INFORMATIONAL BROCHURES



ELECTRONIC TAX BILL (PDF)

In July 2017, the Treasurer's Office began offering property owners the option to download or print their tax bill in PDF format.

The Website has produced nearly **625,000 electronic** tax bills since December 1, 2017.

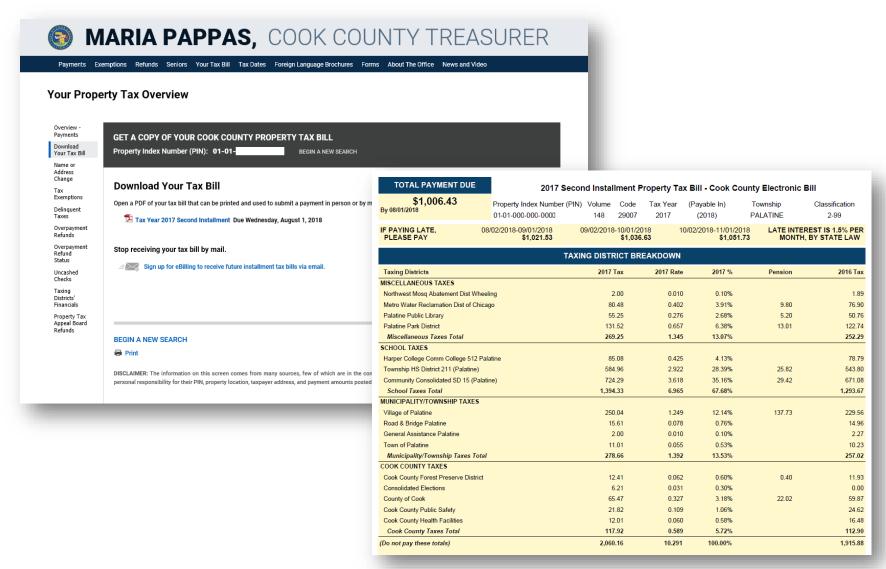
12,169 electronic tax bills were generated on December 28, 2017, the highest number of bills produced on a single day.

Previously, requests for duplicate bills were printed in hard copy form and mailed to owners.

Month	Quantity
December 2017	72,793
January 2018	49,731
February 2018	83,492
March 2018	70,152
April 2018	54,139
May 2018	57,700
June 2018	79,445
July 2018	77,551
August 2018	46,097
September 2018	32,071
October 2018*	1,599
Total	624,770
*Through October 1, 2018	

624,770 electronic tax bill requests from taxpayers in FY2018

ELECTRONIC TAX BILL (PDF)



Automation Projects

Payments



In 1998, there were two payment options: mail and in-person at one of six office locations. Now, there are nine payment options.

1998

2 PAYMENT METHODS:

- Mail to Treasurer's Office
- In-Person at Treasurer's Office (6 Offices)

2019

9 PAYMENT METHODS:

- Mail to Lockbox
- In-Person at Chase (Nearly 400 Locations)
- In-Person at Community Banks (116 Locations)
- In-Person at Treasurer's Office (1 Office)
- Wire Payments by Third Party Agents
- ACH Payments by Third Party Agents
- Online (Internet)
- Credit Card (Internet)
- Subsequent Taxes by Tax Buyers (Internet)

Lockbox

In 1999, the Treasurer's Office incorporated a lockbox system for collecting and processing taxes. This meant same-day deposits, immediate interest earnings and quicker distributions to taxing agencies.

The lockbox system eliminated the need for daily mail payments to be opened and processed individually by Treasurer's staff.

Since 1999, more than 11.1 million payments have been processed by lockbox.

			mil	lion	
payments processed by lockbox					

Tax Year	Quantity	
2017*	378,926	
2016	469,095	
2015	459,502	
2014	483,973	
2013	493,316	
2012	495,577	
2011	504,629	
2010	481,173	
2009	527,264	
2008	493,194	
2007	583,267	
2006	640,139	
2005	652,493	
2004	704,773	
2003	736,396	
2002	855,683	
2001	788,621	
2000	752,702	
1999	624,703	
Total	11,125,426	
*On-Time Payment statistics are through August 1, 2018		

*On-Time Payment statistics are through August 1, 2018 (the Second Installment Due Date).

Bank Branch Payments

Cook County property tax payments are accepted at hundreds of local banks making it convenient for taxpayers to pay.

Today, there are nearly 400 Chase banking locations in Cook County and throughout the state that accept property tax payments.

Nearly 14.1 million payments have been accepted at bank branches since calendar year 1999.

As a result of bank branches accepting Cook County property tax payments, the Treasurer's Office closed its five Cook County Satellite Offices.

1	4	.1	mil	lion
payr	ments acc	epted a	at bank bran	ches

Tax Year	On-Time Payments	Late Payments	Total Payments
2017*	576,236	51,547	627,783
2016	637,102	83,451	720,053
2015	738,050	91,729	829,779
2014	746,972	86,334	833,306
2013	747,895	92,575	840,470
2012	738,841	96,680	835,521
2011	745,788	96,866	842,654
2010	751,521	73,513	825,034
2009	733,239	127,947	861,186
2008	713,827	76,254	790,081
2007	727,451	85,079	812,530
2006	707,983	74,587	782,570
2005	707,640	84,223	791,863
2004	695,093	68,685	763,778
2003	668,896	60,094	728,990
2002	634,727	55,467	690,194
2001	558,546	49,828	608,374
2000	435,777	30,643	466,420
1999	302,723	19,455	322,178
1998	109,877		109,877
Total	12,673,187	1,402,486	14,075,673

^{*}Through October 1, 2018.

Payments may include prior tax years.

Community Bank Branch Payments

Cook County taxpayers may visit one of the participating local community banks to pay taxes by direct debit (electronically).

116 banking locations throughout Cook County accept property tax payments.

More than 90,000 payments have been accepted at these locations since 2004.

90,000 payments at community banks

Tax Year-	# of Community Bank	# of
Installment	Branches	Payments
2017-2	116	2,614
2017-1	116	2,680
2016-2	117	3,048
2016-1	120	2,919
2015-2	178	3,340
2015-1	178	3,525
2014-2	194	2,997
2014-1	196	2,487
2013-2	208	3,561
2013-1	208	3,549
2012-2	194	3,595
2012-1	194	3,545
2011-2	209	3,620
2011-1	208	3,371
2010-2	209	3,352
2010-1	209	3,870
2009-2	216	3,447
2009-1	226	3,396
2008-2	223	3,241
2008-1	222	2,843
2007-2	220	2,686
2007-1	217	2,925
2006-2	216	2,489
2006-1	216	2,853
2005-2	214	2,722
2005-1	211	2,785
2004-2	213	2,372
2004-1	215	2,422
2003-2	219	2,168
2003-1	135	1,912
Total		90,334

^{*}Through October 1, 2018.

Third Party Agent (TPA) – Wire Payments

The Treasurer's Office established a commercial wire payment system used by banks, mortgage and title companies to pay instead of submitting individual checks to the office.

The prior process in the office used to require manual handling and deposit of individual checks.

Wire payments from commercial users have totaled more than 21.8 million payments (nearly \$60.5 billion) since August 2003.

21	8	mil	lion
commercia	I user wire p	ayments	

Tax Year	Quantity	Dollar Amount		
2017*	1,453,464	\$4,949,260,215		
2016	1,477,447	\$4,796,620,456		
2015	1,457,321	\$4,501,362,291		
2014	1,447,536	\$4,230,786,339		
2013	1,458,832	\$4,214,041,154		
2012	1,469,742	\$4,294,860,099		
2011	1,491,680	\$4,205,521,196		
2010	1,496,930	\$4,245,980,447		
2009	1,478,790	\$4,092,128,626		
2008	1,451,042	\$3,947,466,410		
2007	1,403,129	\$3,731,088,684		
2006	1,349,619	\$3,459,730,206		
2005	1,291,410	\$3,106,617,529		
2004	1,253,555	\$2,873,612,587		
2003	1,238,729	\$2,621,405,164		
2002	587,796	\$1,209,770,282		
Total	21,807,022	\$ 60,480,251,684		
*Through October 1, 2018.				

Third Party Agent (TPA) – ACH Payments

The Treasurer's Office instituted a system for commercial users (banks, mortgage and title companies) to pay via ACH direct debit transactions from an online site instead of submitting individual checks to the office.

Commercial users have submitted more than 815,000 payments (\$3.25 billion) since 2007.

Tax Year	Quantity	Dollar Amount	
2017*	49,211	\$ 292,346,884	
2016	55,555	\$ 292,408,474	
2015	60,281	\$ 312,461,721	
2014	73,251	\$ 327,658,628	
2013	70,195	\$ 331,899,450	
2012	84,071	\$ 356,061,761	
2011	81,184	\$ 343,046,357	
2010	76,612	\$ 279,687,650	
2009	82,904	\$ 265,681,436	
2008	87,699	\$ 232,692,641	
2007	70,455	\$ 167,931,735	
2006	24,182	\$ 55,091,532	
Total	815,600	\$ 3,256,968,268	
*Through October 1, 2018.			

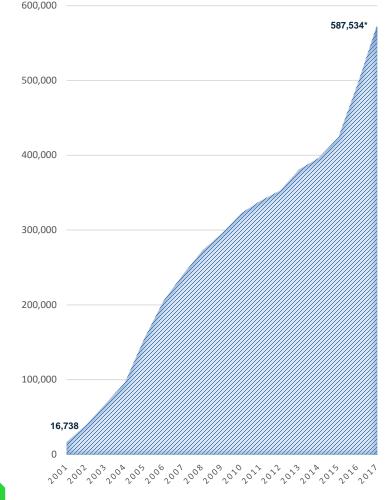
815,000 commercial user ACH direct debit payments

Online Payments

In March 2002, the Treasurer's Office introduced online payments for on-time payments. The office has collected nearly 4.7 million payments through October 1, 2018.

In January 2018, the Treasurer's Office removed the \$1.00 convenience fee for individual taxpayers paying online tax payments.

The result? More taxpayers now pay online than pay at a Chase Branch location.



*Through October 1, 2018 (please note taxpayers may continue to pay Tax Year 2017 taxes online).

587,534 online tax payments thus far for TY2017

Credit Card Payments

The office added the option for taxpayers to pay on-time property taxes with a credit card in July 2012.

Property owners in the county may make delinquent payments via credit card yearround through the online payment channel.

A total of 222,000 credit card payments have been made totaling more than \$526 million.

Tax Year	Quantity	Dollar Amount	
2017*	66,972	\$190,907,317	
2016	64,052	\$143,672,948	
2015	35,288	\$71,712,548	
2014	18,404	\$40,478,645	
2013	15,920	\$34,911,745	
2012	13,802	\$29,732,837	
2011	7,668	\$15,360,212	
Total	222,106	\$526,776,252	
*Through October 1, 2018			

222,000 credit card payments

Subsequent Tax Electronic Payment System (STEPS)

The Treasurer's Office created an online payment method for Tax Buyers to make subsequent delinquent payments on properties purchased at the Annual Tax Sale.

Since 2007, there have been more than 476,000 (more \$1.2 billion) subsequent tax payments.

IMPORTANT NOTE:

Property owners should redeem their sold taxes as quickly as possible to avoid additional costs from unpaid subsequent taxes.

Tax Buyers pay delinquent subsequent taxes following the Annual Tax Sale. Taxpayers are assessed 12 percent interest per installment per year on each tax amount paid by a buyer!

Tax Year	Quantity	Dollar Amount	
2017*	30,597	\$80,707,808	
2016	37,005	\$ 98,738,268	
2015	47,936	\$ 120,812,504	
2014	40,025	\$ 93,867,028	
2013	40,584	\$ 99,123,888	
2012	39,298	\$ 95,799,877	
2011	46,068	\$ 124,413,038	
2010	46,589	\$ 132,676,578	
2009	44,977	\$ 136,854,229	
2008	42,528	\$ 118,181,052	
2007	45,984	\$ 106,138,464	
2006	14,617	\$ 29,455,268	
Total	476,208	\$ 1,236,768,002	
*Through October 1, 2018.			

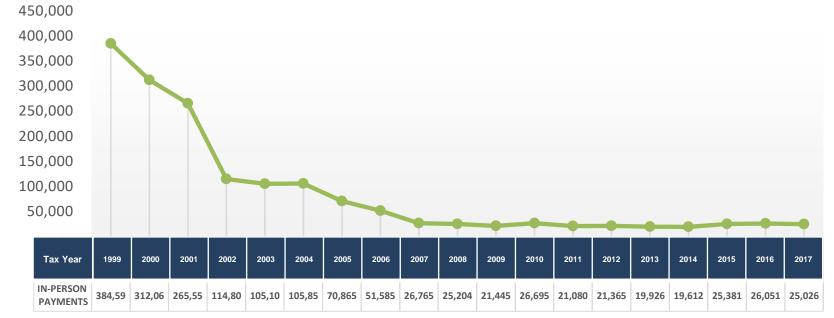
476,000 subsequent taxes paid online by tax buyers

In-Person Payments

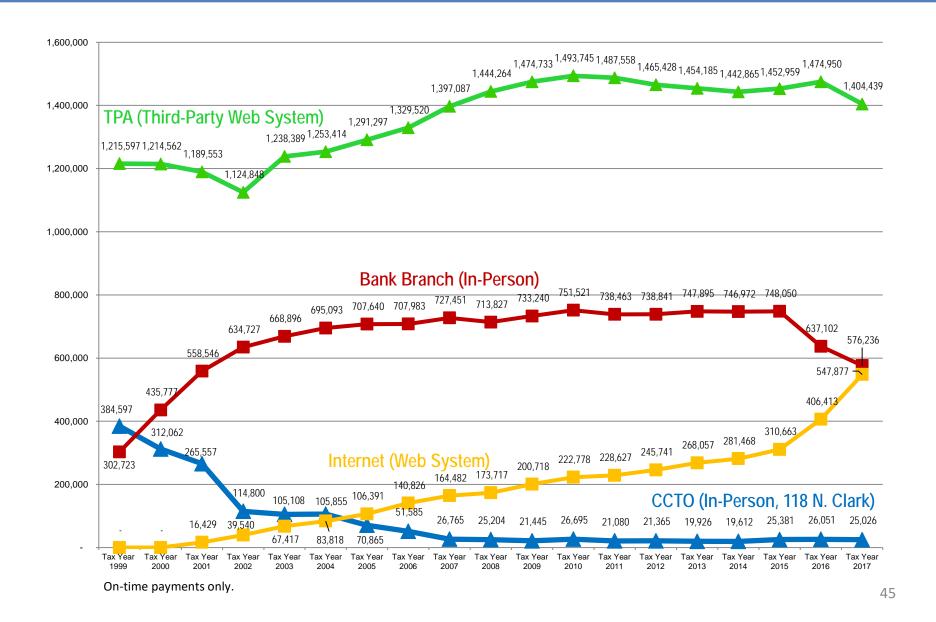
Because of many payment options available to taxpayers, the Treasurer's Office closed the five satellite offices at the end of 2005. The office had more than 384,000 in-person payments at its six office locations in 2000.

For Tax Year 2017, in-person, on-time payments tallied **25,000** at the Clark Street location – accounting for just 0.85 percent of more than 3 million total on-time payments. (Not including prepayments made in December 2017).

On-Time In-Person Payments (Satellite and Downtown Totals)

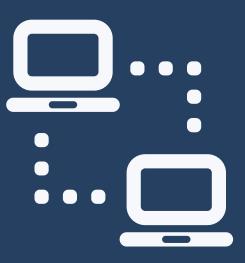


PAYMENT SOURCE TREND BY TAX YEAR (ON-TIME PAYMENTS)



Automation Projects

Systems



STOP TAXPAYER OVER PAYMENT SYSTEM (STOPS)

STOPS was created by the Treasurer's Office to prevent the double payment of taxes and automatically return the second (duplicate) payment to the taxpayer.

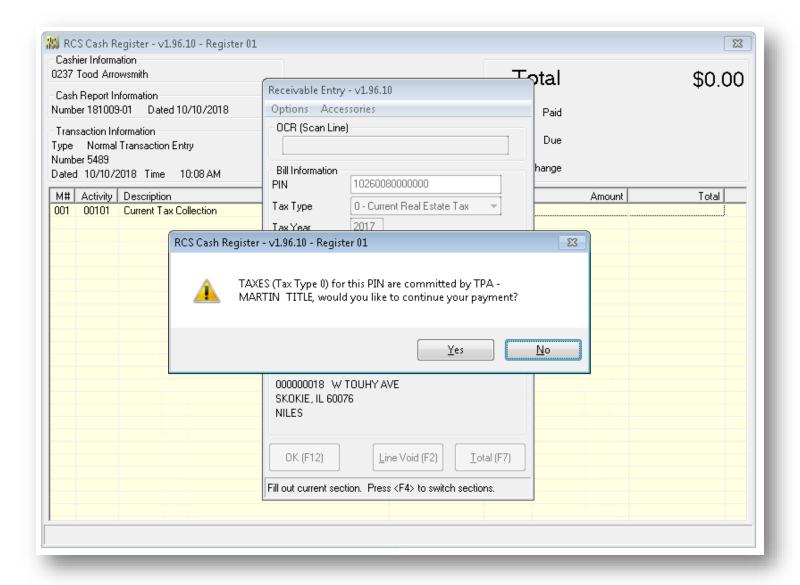
If a payment is stopped, the payer is notified in person (or a letter mailed by the Treasurer's Office). The payer is given the opportunity to resubmit payment only if legally responsible. When this occurs, the first payee is authorized to receive a refund.

Almost 80,000 payments (nearly \$354 million) that would have instead been issued as refunds have been stopped and returned since November 2010.

¢25/	mil	Hora
duplicate payments stop		taxpayers

Tax Year/ Installment	Quantity	Dollar Amount	
2017-2*	3,122	\$18,200,458	
2017-1	3,735	\$26,868,737	
2016-2	3,800	\$16,839,570	
2016-1	3,146	\$18,109,387	
2015-2	3,905	\$15,131,985	
2015-1	3,096	\$14,779,332	
2014-2	5,545	\$28,687,621	
2014-1	4,856	\$17,232,740	
2013-2	4,641	\$17,629,716	
2013-1	2,398	\$12,996,542	
2012-2	6,920	\$25,920,731	
2012-1	6,203	\$29,019,746	
2011-2	3,837	\$22,466,975	
2011-1	3,104	\$10,470,245	
2010-2	6,029	\$24,956,274	
2010-1	5,990	\$26,584,904	
2009-2	9,430	\$28,024,221	
Total	79,757	\$ 353,919,185	
*Through October 1, 2018.			

STOP TAXPAYER OVER-PAYMENT SYSTEM (STOPS)



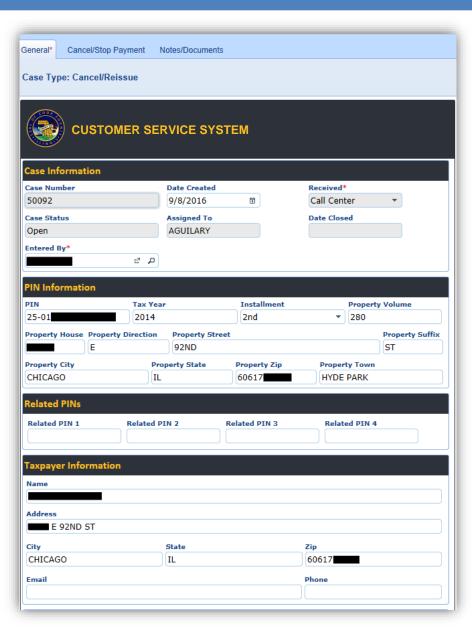
DOCUMENT IMAGING PROJECT

In 2016, the Treasurer's Office implemented the first phase of a Paperless Customer Service System.

The complete system provides:

- Scanning, imaging, and storing of electronic documents, files and data. As a result, the office significantly reduces the need to retain hard-copy paper documents.
- Tracking of documents by Property Index Number (PIN) for quick access to information by Treasurer's Office employees for providing seamless customer services.
- Notification All requested information is emailed to the taxpayer.

DOCUMENT IMAGING PROJECT



CUSTOMER SERVICE – EMAIL SYSTEM

The Treasurer's Office created online functionality so that taxpayers can 'Contact Us' via email.

In August 2010, the site was updated to display answers to frequently asked questions. Automatic responses are generated before a taxpayer enters a question. These filtering features continue to reduce the number of incoming emails.

Emails are routed to employees throughout the office to respond within 48 hours.

The office has received and responded to **more than 150.000** emails since 2003.

Calendar Year	Quantity
2018*	6,656
2017^	10,575
2016	3,830
2015	3,622
2014	4,372
2013	4,731
2012	6,686
2011	7,471
2010	9,658
2009	14,951
2008	16,093
2007	13,145
2006	11,681
2005	13,706
2004	15,430
2003 (Began May 2003)	7,681
Total	150,288
*Through October 1, 2018.	

^NOTE: The spike in 2017 can be attributed to 5,796 emails received in December 2017 with questions about the prepayment program and changes to federal tax laws.

150,000 emails by taxpayers	
emails by taxpayers	

CUSTOMER SERVICE – EMAIL SYSTEM

MARIA PAPPAS, COOK COUNTY TREASURER MARIA PAPPAS, COOK COUNTY TREASURER . ⊞ Menu Contact Us **Prepayment of First Installment Cook County Property Taxes** Please fill out the following form in order to contact us via email. Some taxpayers choose to prepay the First Installment tax for reasons such as winter travel or to increase their tax write-offs for the current year. Cook County taxpayers may choose to participate in the optional program of prepaying their First Installment taxes. The First After you submit this form your question will be delivered automatically to our Customer Service Department. Installment is an estimated bill equal to 55% of the prior year's total tax. Four Ways to Prepay Prepayment Program Prepaying Online: * Indicates required field To prepay your first installment property taxes online, begin by entering your 14-digit Property Index Number (PIN) on the first page of the *Who's Inquiring? * Question: Property Tax Overview. Payments are accepted from your bank account or credit card. Property Owner/Relative of Owner What is the address for me to send my Prepaying by Mail: check in order to prepay my property tax bill? * Property Index Number (PIN): Send your payment with an original prepayment tax bill or an electronic PDF tax bill downloadable from this site and mailed to: 01 |- 01 |- 000 |- 000 |- 0000 Cook County Treasurer Property Address: PO Box 805436 123 S. Main Street Chicago, IL 60680-4155 Apartment/Suite #: Prepaying at Chase Branch: You may pay at any Chase Bank in Illinois with an original prepayment tax bill or an electronic PDF tax bill downloadable from this site. City: State: Zip Code: Prepaying in Person: Chicago 60602 You may submit your original payment coupon or an electronic PDF tax bill downloadable from this site and pay at the Cook County * Name: (First Name, Middle Initial, Last Name) Treasurer's Office. Joe Taxpayer If you pay by escrow, contact your lender prior to attempting to prepay to avoid double payments. If your prepayment is received by December 31st, the First Installment tax bill which will be mailed in late January will reflect the prepayment. You may verify your payment * Email Address: status by selecting Property Tax Overview after February 1. Please note that the Treasurer's Office has authorization to reduce the amount joe@taxpayer.com of your check to prevent overpayment. (example: username@domain.com) * Verify Email Address: joe@taxpayer.com * Telephone Number: (123) 456 - 6820 Remember my information on this computer Reset

CUSTOMER SERVICE – CALL CENTER

In FY2018, the Treasurer's Customer Service Call Center has handled 259,212 phone calls through October 1, 2018.

80.3% of the calls have been handled automatically by the system. **19.7%** have been answered by a Call Center Employee.

The most common question taxpayers ask is whether taxes have been paid or if there is a current balance due.

An all new Automated Phone System was installed in June 2015. Callers can select from English, Polish or Spanish and follow prompts to obtain specific PIN information such as amount due or refund amount available.

259,212 phone calls received in FY2018

BY THE NUMBERS



208,184

Phone calls to the Treasurer's Office that were answered automatically by the system.



51,028

Phone calls to the Treasurer's Office that were answered by a live Call Center employee.

CUSTOMER SERVICE – CALL CENTER

Live Phone Call Topic	Percentage of Live Calls	Year-to-Date Total*
Duplicate Bill (copy/ proof)	7.1%	3,604
Payment Instructions (incl. Hardship; partial payments)	14.5%	7,420
Payment Status 1 (paid, open, why \$0, NSF, prepay)	27.5%	14,025
Payment Status 2 (Caller referred to Web/Phone)	6.1%	3,139
On-Line Payments (paid, rejected, cancel payment, etc.)	6.2%	3,163
Name Change	4.8%	2,449
Tax Sale Date (Annual, Scavenger)	1.7%	874
Lost Checks (CCTO, Chase, Cancel/Re-issues, Currency Exchange)	1.4%	701
Penalty Waiver Request	1.3%	684
Transfer Information	1.4%	697
STOPS	0.2%	109
Refund Info (Do I have a refund/How to apply)	8.0%	4,072
Refund Info (Where is My Check?)	5.3%	2,700
Due Date and/or Amount	3.1%	1,570
Senior Deferral Info (how to apply, am I in, take me out, etc.)	0.6%	284
Mortgage Increased - Bank or Mortgage Company Directed to CCTO	0.3%	128
Chase Questions	1.1%	574
Other Offices Questions (asked of Treasurer's Office Staff))	
Assessment (bill too high)	0.7%	362
Exemption(s) not received	2.3%	1,153
Other Assessor Issues (property location, Certificate of Error, PIN)	2.1%	1,059
Clerk - Sold & Prior Year Taxes	1.9%	954
Recorder of Deeds	0.4%	226
Other	2.1%	1,081
Total Calls Answered	100%	51,028

^{*}Through October 1, 2018.

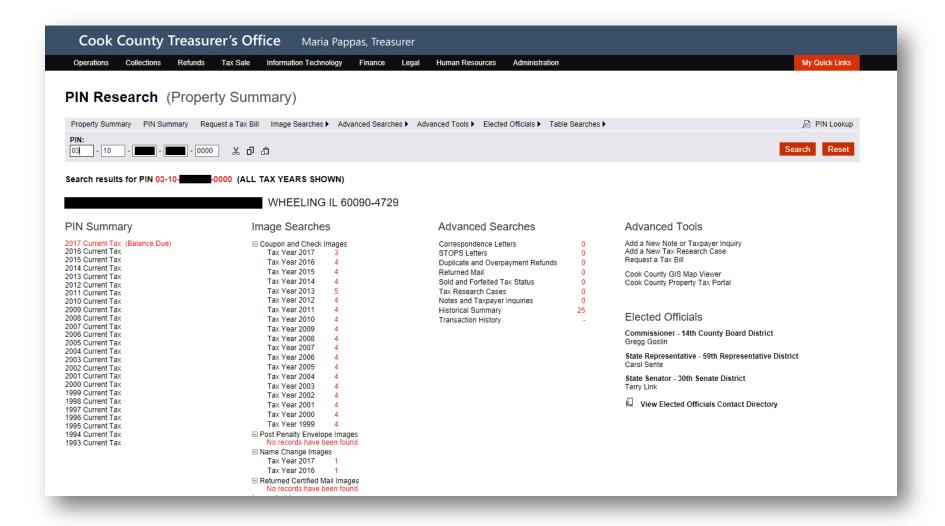
PIN RESEARCH (INTERNAL PORTAL)

The PIN Research System is an internal system used by office staff that centralizes PIN data that otherwise had been accessible only via cumbersome stand-alone modules.

The system contains 20 years of PIN data including entire PIN Summary, mailing address, property address, exemption data, payment overview, Tax Research Cases and scanned images, such as payment coupons and checks, Name/Address change applications, and Returned Certified Mail images.

2,100,353
total number of unique PIN records available

PIN RESEARCH (INTERNAL PORTAL)



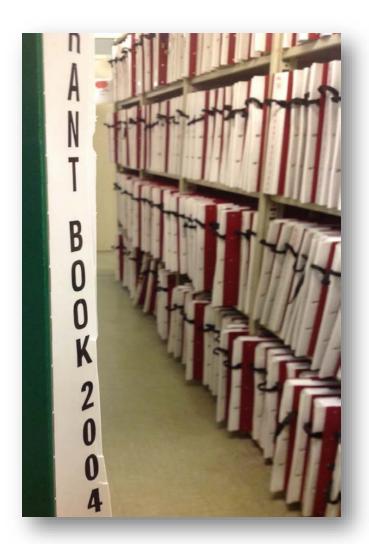
ELECTRONIC WARRANT BOOK

The Electronic Property Tax Warrant Book system replaced the physical Warrant Books, which serve as the official property tax records for the county.

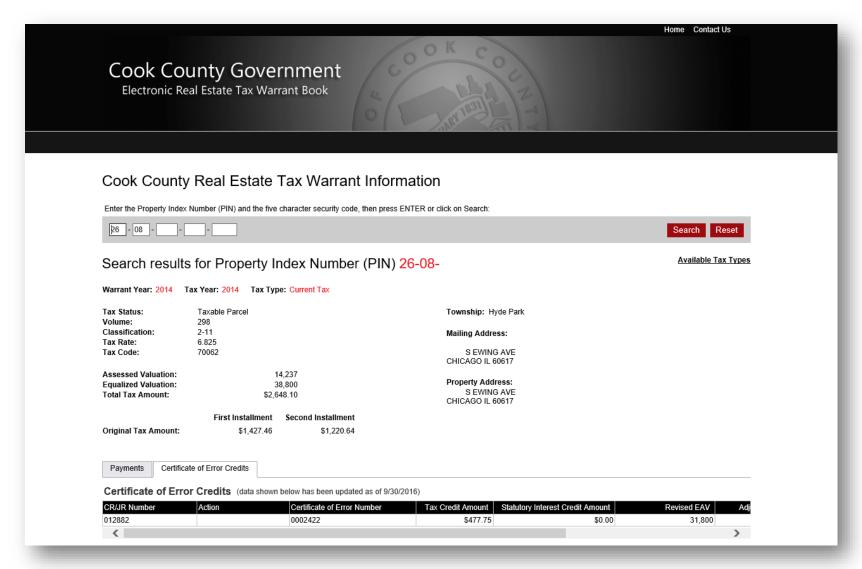
In April 2016, the Treasurer's Office incorporated 4,765,458 individual pages from 12,011 books into the system.

The system eliminates manual posting of records because all transactions are automatically added electronically.

4,765,458
total number of pages scanned



ELECTRONIC WARRANT BOOK



ANNUAL TAX SALE

The Treasurer's Office replaced the traditional outcry Annual Tax Sale auction to an automated, online auction in 2008. Tax buyer registration, collateral deposits, bidding and payments went from manually intensive processes to an online system.

Prior to this automation project, the outcry auction would take 20 days to conduct and require a staff of eight people to manage.

Now, the sale lasts just four days and two employees; a computer algorithm awards PINs.

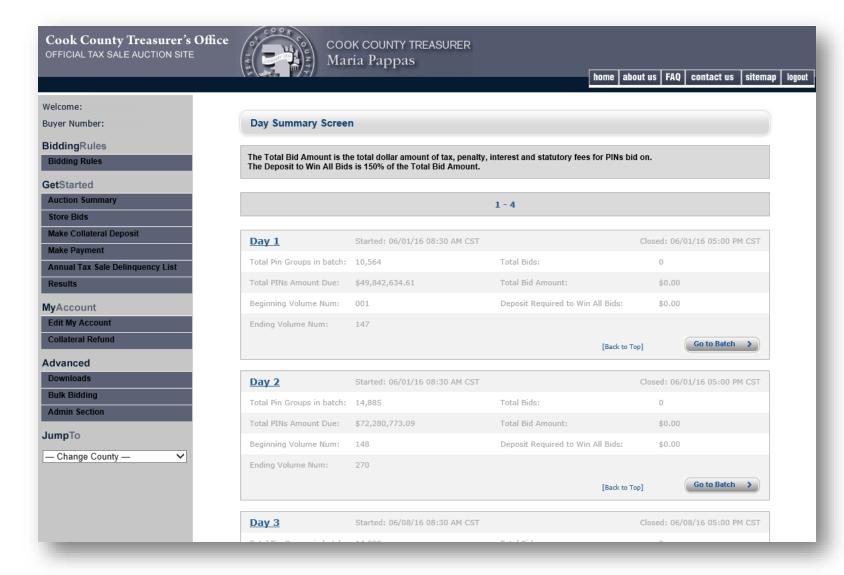
Nearly 195,000 PINs have been sold through the automated sale system since 2008.

1	95,	000
PINs s	sold at automa	ated Tax Sale

Tax Year (Year Sale Held)	PINs Published/Sent Certified Notice	PINs Offered	PINs Sold
2016 (2018)*	52,637	33,332	10,970
2015 (2017)	68,199	38,283	11,031
2014 (2016)	70,789	46,655	15,865
2013 (2015)	75,668	53,553	16,773
2012 (2014)	69,288	50,036	15,757
2011 (2013)	73,418	51,289	16,442
2010 (2012)	78,418	49,462	16,419
2009 (2011)	69,484	37,827	20,814
2008 (2010)	57,181	33,114	21,399
2007 (2009)	62,728	29,787	23,848
2006 (2008)	53,347	26,846	24,860
Total	731,157	450,184	194,178

^{*}As a result of the Treasurer's continued outreach program, there were only 10,970 PINs sold at the April sale, the fewest number sold.

ANNUAL TAX SALE



TAXING AGENCY EXTRANET

The Treasurer's Office distributes \$14 billion to some 2,200 taxing agencies throughout Cook County. The office developed the Taxing Agency Extranet to provide taxing agencies direct access to view data and access reports that used to be individually printed and mailed at the Treasurer's expense.

The site allows authorized users 24 hour, online retrieval of useful information and reports:

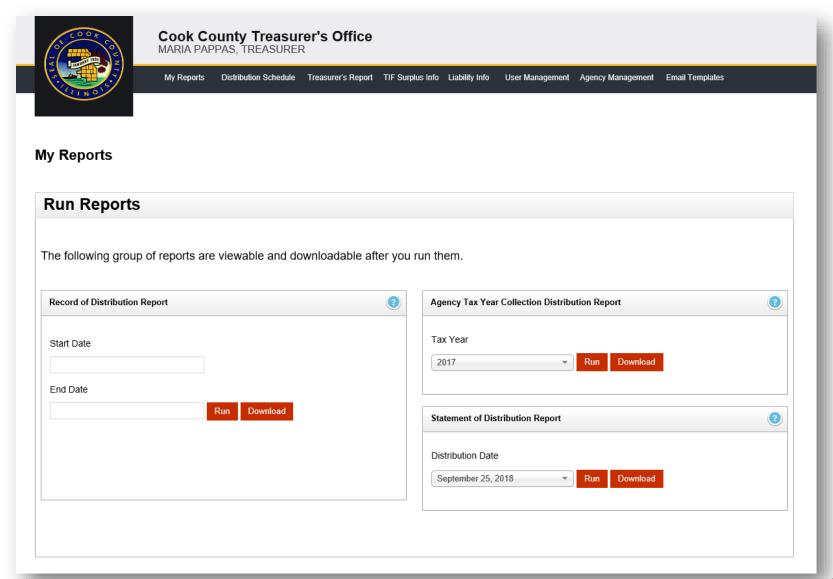
- Record of Distribution Report
- Agency Distribution Collection Summary
- Statement of Distribution
- PIN Detail of Funds Recouped

Through October 1, 2018, there have been 123,982 visits to the site.

The purpose of the Taxing Agency Extranet site is to provide a transparent method for local government taxing agencies to access reports, data and other useful information within the Treasurer's Office.

123,982
visits to the Taxing Agency Extranet in FY2018

TAXING AGENCY EXTRANET



Transparency Projects



DEBT DISCLOSURE ORDINANCE (DDO)

Approved by the County Board of Commissioners in September 2009, the Taxing District Debt Disclosure Ordinance, provides extraordinary transparency in government.

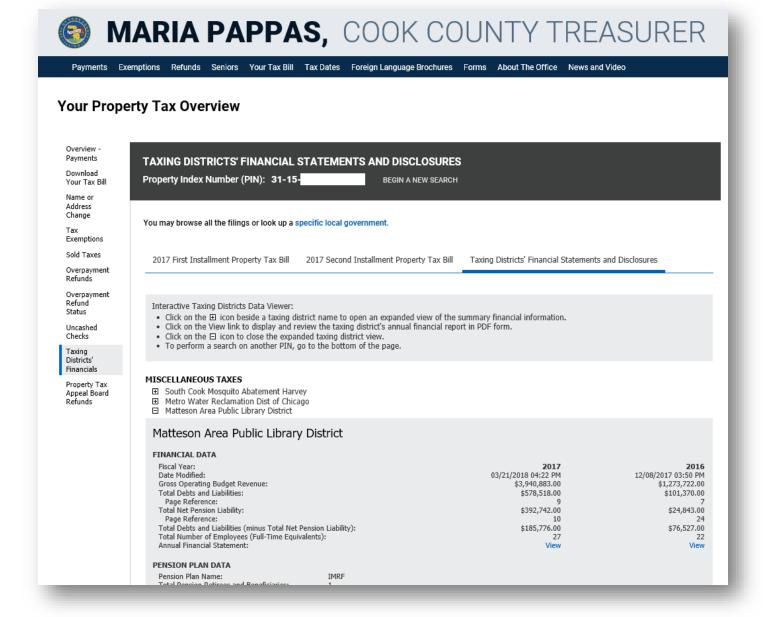
The ordinance requires the county's 549 primary local governments to provide their financial data and annual financial reports to the office each year including:

- Audited financial statements from their most recent audit
- Money owed (or total debts and liabilities)
- Pension and Retiree Healthcare information (including the amount promised to retirees and the amount promised that local governments do not have)

The data easily accessible online at cookcountytreasurer.com allows taxpayers to electronically access the financial information they need to make informed decisions about the local agencies that receive a share of their property taxes.



DEBT DISCLOSURE ORDINANCE (DDO)



DEBT DISCLOSURE ORDINANCE (DDO)

MARIA PAPPAS,	COOK CO	DUNTY TRE	EASURER	
Payments Exemptions Refunds Seniors	Your Tax Bill Tax Dates	Foreign Language Brochures	Forms About The Office	e News an 🗲
Taxing Districts' Financial St		isclosures (Searc	ch by Taxing Dis	strict)
Interactive Taxing Districts Data Viewer: • Click on the ⊞ icon beside a taxing district na • Click on the link under Fiscal Year to display ar • Click on the ⊟ icon to close the expanded tax	nd review the taxing district's			
Please enter a search term:	Search			
ABCDEFGHIJKLMNOPQRSTUVWXYZ	View All			
Found 2 taxing district records (filtered).				
Taxing District		Fiscal '	Year Date Modified	
Arbor Park School Dist 145 (Oak Forest)		2017	12/19/2017 11:03	3 AM
Arbor Park School Dist 145 (Oak Forest)		2016	12/16/2016 11:1	1 AM
<				>
First Previous 1 Next Last Go to page:	Go			

DEBT DISCLOSURE ORDINANCE (DDO) DATA AND TIF INFORMATION ON THE TAX BILLS

The Treasurer's Office has crafted the property tax bill to contain useful information for property owners.

In January 2013, the Treasurer's Office began including the Debt Disclosure Ordinance (DDO) data pertaining to each parcel's taxing districts directly on the First Installment Property Tax Bill.

The figures give taxpayers full information about each local government's financial data including:

- Money owed (or debt)
- Pension and Healthcare Amounts Promised by Local Governments
- Amount of Pension and Healthcare Shortage
- Percent of Pension and Healthcare Costs They Can Pay

The Second Installment Property Tax Bill, since July 2014, displays to taxpayers how much each Tax Incremental Financing (TIF) District -- in addition to their local governments -- receives from their tax bill payments.

DEBT DISCLOSURE ORDINANCE (DDO) **DATA** – FIRST INSTALLMENT

\$ 1,371.14 Property Index Nun 18-03-213-000	nber (PIN) Volume -0000 075	Code Tax Year Payabl 21271 2017 201		Classification 5-97	
Please click this LINK for Payment Status.				TEREST IS 1.5% PER ONTH, BY STATE LAW	
TAXII	NG DISTRICT DEBT A	AND FINANCIAL DATA			
Your Taxing Districts	Money Owed by Your Taxing Districts	Pension and Healthcare Amounts Promised by Your Taxing Districts	Amount of Pension and Healthcare Shortage	% of Pension and Healthcare Costs Taxing Districts Can Pay	
Des Plaines Valley Mosq Abat Dist Lyons	31,092	2,855,845	(31,092)	101.09%	
Metro Water Reclamation Dist of Chicago	3,426,792,000	2,646,412,000	1,210,430,000	54.26%	
Dupage Comm College 502 (Roselle)	290,844,584	11,894,865	11,894,865	0.00%	
Lyons Township High School District 204	26,794,820	85,298,419	16,266,886	80.93%	
Lyons School District 103	22,023,646	17,902,668	4,981,039	72.18%	
Village of Brookfield	36,869,017	89,016,105	36,738,583	58.73%	
Town of Lyons	9,563,620	6,193,994	6,193,994	0.00%	
Cook County Forest Preserve District	225,066,359	483,567,655	292,365,257	39.54%	
County of Cook	6,147,298,640	26,097,192,397	17,454,148,122	33.12%	
Total	10,185,283,778	29,440,333,948	19,032,987,654		
	TAX CALCU	LATOR			
		exemptions, such as homeowner and senior exemptions, will be reflected on your second installment tax bill.			
2016 Total Tax 2,492 2017 Estimate x 5 2017 1st Installment (Payable In 2018) = 1,371	5%				

TIF INFORMATION ON TAX BILLS – SECOND INSTALLMENT

TOTAL AMOUNT BILLED							
2017 Second Installment Property Tax Bill							
\$ 944.71 Property Index Number (PIN) 18-03-213-000-0000	Volume 075	Code 21271	Tax Yea 2017	ar Payable In 2018	Towi		Classification 5-97
Please click this LINK for Payment Status.					LA	TE INTEREST MONTH, B	IS 1.5% PER Y STATE LAW
TAXING DISTRICT BREAKDOWN							
Taxing District		2017 1	ax 2	2017 Rate	2017 %	Pension	2016 Tax
MISCELLANEOUS TAXES		_					
Des Plaines Valley Mosq Abate Dist Lyons Metro Water Reclamation Dist of Chicago			.06 .99	0.015 0.402	0.13% 3.54%	0.20 9.99	3.28 78.35
Miscellaneous Taxes Total		85.		0.417	3.67%	3,33	81.63
SCHOOL TAXES							
DuPage Comm College 502 Roselle Burr Rdg			.62	0.258	2.27%		60.40
Lyons Township High School District 204		408		2.001	17.62%	12.84	455.22
Lyons School District 103		1,032		5.062	44.58%	53.23	1,118.45
School Taxes Total		1,493.	11	7.321	64.47%		1,634.07
MUNICIPALITY/TOWNSHIP TAXES					0.000/		
TIF-Brookfield-Ogden Ave Brookfield Library Fund		111	.00	0.000 0.549	0.00% 4.83%	6.11	0.00 121.76
Village of Brookfield		466		2.286	20.13%	145.62	496.70
Lyons Mental Health			.36	0.090	0.79%	173.02	21.23
Road & Bridge Lyons			.16	0.040	0.35%		9.07
General Assistance Lyons			.00	0.000	0.00%		0.58
Town of Lyons		12	.85	0.063	0.55%		12.93
Municipality/Township Taxes Total		617.	57	3.028	26.65%		662.27
COOK COUNTY TAXES							
Cook County Forest Preserve District			.64	0.062	0.55%	0.40	12.16
Consolidated Elections			.32	0.031	0.27%		0.00
County of Cook			.69 .23	0.327	2.90%	22.43	60.97
Cook County Public Safety Cook County Health Facilities			.23 .24	0.109 0.060	0.96% 0.53%		25.09 16.79
Cook County Taxes Total		120.		0.589	5.21%		115.01
(Do not pay these totals)		2,315.		11.355	100.00%		2,492.98
is the pay these totally		2,515.	00	11.555	100.00 /0		2,132.30
	TAX CALC	JLATOR					
2017 First Installment 1.371.14							
2017 Second Installment + 944.71							
Total 2017 Tax (Payable In 2018) = 2,315.85							
PF	ROPERTY L	OCATIO	N				
OGDEN AVE							
BROOKFIELD IL 60513 2149							

COUNTY PROPERTY TAX PORTAL

The Treasurer's Office developed and manages the Property Tax Portal that combines data and information from five different property-tax related offices into one single site:

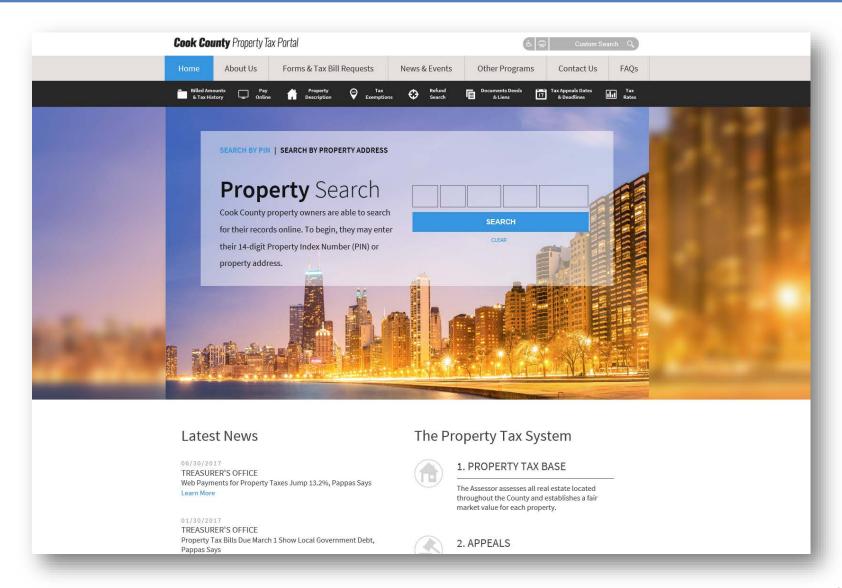
- Ownership and liens from the Recorder of Deeds
- Tax payments and refunds from the Treasurer
- Valuations, exemptions and appeals Provided by the Assessor
- Prior year tax statuses, delinquencies and TIF information from the Clerk
- Appeals from the Board of Review

Since property owners have direct access to vital data, it reduces the number of questions posed to Treasurer's Office staff.

The portal has been visited more than 19.4 million times since April 1, 2012. Thus far in 2018, visitor traffic has averaged 9,500 visitors per day.



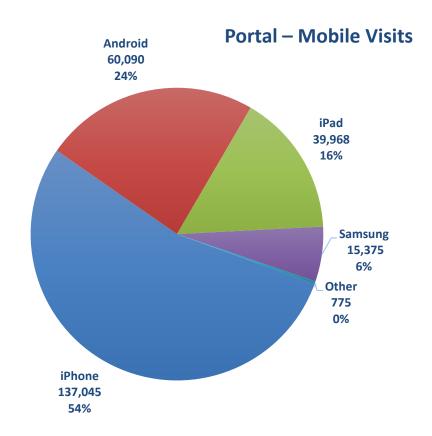
COUNTY PROPERTY TAX PORTAL



COUNTY PROPERTY TAX PORTAL – MOBILE

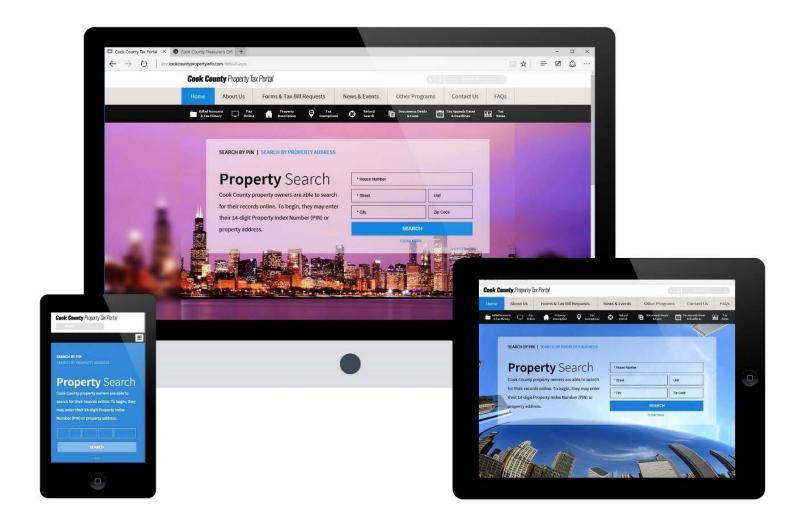
The Treasurer's Office overhauled the site in 2016 to make it mobile-friendly and added functionality. The programming code recognizes a visitor using the site from a mobile device and automatically modifies the layout and design to fit the device.

From December 1, 2017 to October 1, 2018, there have been 253,253 visits from mobile users (almost 1,000 per day).



253,253
visits to the Property Tax Portal from a mobile device

COUNTY PROPERTY TAX PORTAL – MOBILE



FREEDOM OF INFORMATION ACT (FOIA) LOG

A log of all Freedom of Information Act (FOIA) requests received by the Treasurer's Office since January 1, 2013 is published on the website.

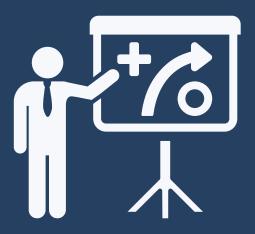
The additional level of transparency allows the public to view who is requesting information and what type of information they are requesting.

The log is updated daily in PDF format.

FREEDOM OF INFORMATION ACT (FOIA) LOG

	Cook County Treasurer's Office FOIA Request Log Maria Pappas, Treasurer 9/24/2				
Request Number	Date Received by CCTO	Requestor	Affiliation	Request	General Category
18-0845	6/15/2018	Matthew Moresi	Tsonis & Associates, LLC	9 PINs, TY 2014-2017, PIN payment summary reports and payment images	payment history
18-0846	6/15/2018	Mark Holtzman		22 PINs, TY 2005-2015, PIN payment summary report and payment images	payment history
18-0847	6/18/2018	Robin C. Hagan		Mailing address for all law firms in zip codes 60602 and 60603	mailing information
18-0848	6/18/2018	Sandra Gibson		2016 Annual Tax Sale forfeited PINs list	tax sale

Focus On Budget



FY1998 BUDGET COMPARISON

The Office had 250 employees in FY1998.

If the office maintained its staff of 250, the FY2019 budget would be \$47 million.

Instead, the office has 86.5 positions and a budget of \$12.7 million in FY2019. Only about \$860,000 comes from taxpayer revenues while \$11.8 million comes from commercial user fees.

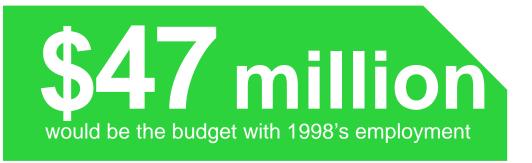
Since FY2008, the Treasurer's Office has used \$89.3 million in commercial user fees to fund itself and automation efforts. The office is more than 90 percent self-funded and the goal continues to be an entirely self-funded office that is independent of any taxpayer-funded sources.

If the Treasurer's Office had the 250 employees that it had in FY1998, the budget **WOULD HAVE BEEN:**

\$47 million

Instead, the office has 86.5 positions and the FY2019 budget IS:

\$12.7 million



PERSONNEL COSTS

The biggest portion of the Treasurer's Office FY2019 budget comes from personnel costs – salaries and fringe benefits, such as health, vision, dental and life insurance.

These personnel costs comprised **75 percent of the FY2019 budget.**

County employees are automatically awarded longevity increases, or STEPS, based on years of service. Employee salaries also increase as a result of Cost-Of-Living Adjustments (COLAs) that are approved by the County Board. Additionally, fringe benefit costs continue to increase.

The following three charts illustrate the budgetary challenges posed by salary increases, COLAs and fringe benefits.



EMPLOYEE COMPENSATION HISTORY

	Grade	Step	Salary of an Employee in FY1998	Salary of same Em FY2018 (after COLA	-	Increa (from FY:		% of Increase (from FY1998)
	17	1	\$ 34,611	\$	75,675	\$	41,064	119%
	18	1	\$ 37,092	\$	81,149	\$	44,057	119%
NO	19	1	\$ 40,701	\$	88,330	\$	47,629	117%
NOIND-NON	20	1	\$ 44,711	\$	96,629	\$	51,918	116%
ON O	21	1	\$ 49,158	\$	106,230	\$	57,072	116%
	22	1	\$ 53,963	\$	116,786	\$	62,823	116%
	23	1	\$ 56,609	\$	122,148	\$	65,539	116%

COST-OF-LIVING ADJUSTMENT (COLA) HISTORY

Implemented	COLA	Note
FY1999 June 1, 1999	4.0%	
FY2000 December 1, 1999	3.0%	
FY2001 December 1, 2000	3.0%	Plus \$.10/hour increase
FY2002 June 1, 2002	2.5%	
FY2003 December 1, 2002	2.0%	
FY2003 June 1, 2003	1.0%	
FY2004 December 1, 2003	3.0%	
FY2005 December 1, 2004*	1.0%	
FY2006 December 1, 2005*	1.0%	
FY2006 June 1, 2006*	2.0%	Plus \$500 Cash Bonus
FY2007 December 1, 2006*	1.5%	
FY2007 June 1, 2007	2.5%	3% for Non-Union Employees and \$1,000 Cash Bonus
FY2008 December 1, 2007	2.0%	
FY2008 June 1, 2008	2.75%	
FY2011 January 1, 2011*	2.25%	
FY2012 December 1, 2011**	2.25%	
FY2012 June 1, 2012	3.75%	
FY2013 June 1, 2013*	1.0%	
FY2014 June 1, 2014*	1.5%	
FY2015 June 1, 2015*	2.0%	
FY2015 October 1, 2015**	4.5%	
FY2016 December 1, 2015	2.0%	
FY2017 December 1, 2016*	2.25%	
FY2017 December 1, 2016**	1.5%	
FY2017 June 1, 2017*	2.0%	

^{*}COLA awarded to Union employees only. **COLA awarded to Non-Union employees only.

FRINGE BENEFIT COMPARISON

If the Treasurer's Office maintained 250 employees, the fringe benefit obligations would be approximately **\$6.3 million** in FY2019. Instead, the benefits in the budget for FY2019 are \$1.9 million, of which \$1.7 million is paid out of the Treasurer's Automation Budget.

Benefit	FY1998 Average Cost Per Employee	FY2019 Average Cost Per Employee	Increase (\$)	Increase (%)
Medicare	\$290	\$1,480	\$1,190	410%
Pension	\$3,977	\$8,740	\$4,763	120%
Life Insurance	\$127	\$150	\$16	13%
Health/Pharmacy Insurance	\$3,352	\$14,156	\$9,174	274%
Dental Insurance	\$119	\$446	\$351	295%
Vision Insurance	\$91	\$108	\$18	20%
Total	\$7,955	\$25,079	\$17,124	215%



FOCUS ON BUDGET

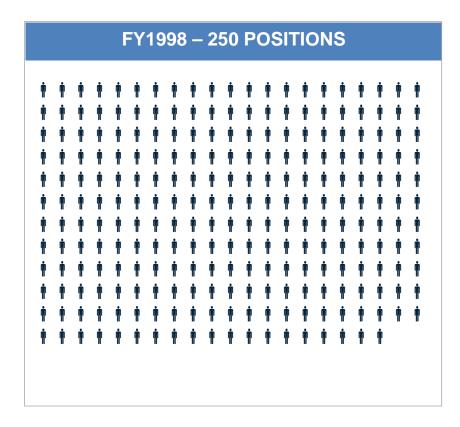
The budget of the Treasurer's Office operates with two separate and distinct accounts, one funded by tax money and the other by commercial user fees. These accounts are:

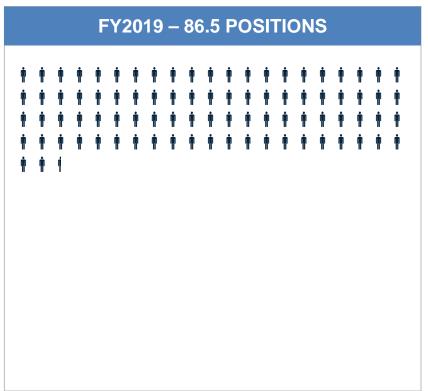
- 060 County Treasurer Corporate Account
 - Funded primarily by taxpayer sources
 - FY2019 Budget: \$867,096
- 2 534 County Treasurer Tax Sale Automation Account
 - Funded by commercial user fees paid by banking and mortgage firms
 - Established by County ordinance on April 6, 1999
 - FY2019 Budget: \$11,846,309

Since FY2008, the Treasurer's Office has continually reduced the 060 Corporate Account by shifting costs to the 534 Automation Account. The goal continues to be an entirely self-funded office that is independent of any taxpayers-funded sources. Many governmental entities simply raise property taxes instead of creating alternative funding sources and reducing their budgets.

POSITION COUNT

The Automation Projects of the Treasurer's Office have resulted in a decrease in headcount from 250 positions in FY1998 to 86.5 in FY2019, a reduction of **65.4 percent**.





FY2019 REDUCE CORPORATE BUDGET

FY2019 marks the 18th consecutive year that the request for 060 Corporate Account funding, excluding fringe benefits, has been reduced.

From \$797,851 in FY2018 to \$698,855 in FY2019, not including fringe benefits

060 Corporate Account

Budget Requests (since FY2001)



ACCOUNT SUMMARY – 060 CORPORATE ACCOUNT

FY2019 Department Account Summary Including Fringe Benefits

060

OA	Description	2018 Adjusted	2019 Request	Difference
501005	Salaries and Wages of Employees With Benefits	\$710,324	\$623,627	(\$86,697)
501165	Planned Salary Adjustment	\$3,513	\$3,121	(\$392)
501510	Mandatory Medicare Cost	\$10,656	\$9,322	(\$1,334)
501585	Insurance Benefits	\$153,075	\$158,919	\$5,844
501765	Professional Develop/Fees	\$3,364	\$3,498	\$134
520029	Armored Car Service	\$33,829	\$34,875	\$1,046
520485	Graphics and Reproduction Services	\$9,690	\$9,690	\$0
520725	Loss and Valuation	\$8,160	\$11,100	\$2,940
530100	Wearing Apparel	\$4,850	\$0	(\$4,850)
530635	Books, Periodicals and Publish	\$3,150	\$3,240	\$90
530700	Multimedia Supplies	\$204	\$204	\$0
540129	Maintenance and Subscription Services	\$9,215	\$9,500	\$285
Total on Departn	nent:	\$950,030	\$867,096	(\$82,934)
				Decrease: 8.73%

ACCOUNT SUMMARY – 534 AUTOMATION ACCOUNT

FY2019 Department Account Summary

534

OA	Description	2018 Adjusted	2019 Request	Difference
501005	Salaries and Wages of Employees With Benefits	\$6,997,712	\$7,058,151	\$60,439
501165	Planned Salary Adjustment	\$8,513	\$1,146	(\$7,367)
501210	Planned Overtime Compensation	\$10,000	\$10,000	\$0
501225	Planned Benefit Adjustment	\$598,673	\$598,673	\$0
501510	Mandatory Medicare Cost	\$100,214	\$105,369	\$5,155
501585	Insurance Benefits	\$893,832	\$995,628	\$101,796
501765	Professional Develop/Fees	\$48,052	\$12,552	(\$35,500)
520149	Communication Services	\$6,250	\$15,510	\$9,260
520485	Graphics and Reproduction Services	\$700,000	\$700,000	\$0
520609	Advertising and Promotions	\$4,080	\$104,080	\$100,000
520825	Professional Services	\$867,000	\$695,000	(\$172,000)
521005	Professional Legal Expenses	\$15,000	\$15,000	\$0
530100	Wearing Apparel	\$0	\$10,000	\$10,000
530600	Office Supplies	\$30,600	\$90,600	\$60,000
530635	Books, Periodicals and Publish	\$73,491	\$65,955	(\$7,536)
540129	Maintenance and Subscription Services	\$626,894	\$853,879	\$226,985
540345	Property Maintenance and Operations	\$306,000	\$40,000	(\$266,000)
550005	Office and Data Processing Equip Rental	\$67,300	\$67,300	\$0
550029	Countywide Office and Data Processing Equip Rental	\$20,973	\$21,619	\$646
560220	Computer and Data Processing Supplies	\$354,287	\$119,780	(\$234,507)
560240	Furniture Supplies	\$0	\$0	\$0
580031	Reimbursement Designated Fund	\$0	\$0	\$0
580050	Cook County Administration	\$256,067	\$256,067	\$0
580235	Public Programs and Events	\$0	\$10,000	\$10,000
Total on Departm	nent:	\$11,984,938	\$11,846,309	(\$138,629)
				Decrease: 1.16%

Projects



Integrated Property Tax System

Description:

The Treasurer's Office supports the President's initiative to replace the MIS Mainframe with the Integrated Property Tax System to be used by all of the property tax offices.

The office has provided significant resources toward the project effort, and joined with the other elected officials to express concern for the direction of the project in a letter to Tyler Technologies in September 2018. See the following page for the text.

Benefits:

- Eliminates the antiquated MIS Mainframe, and its limited functionality.
- Combines all data for each parcel into one unified system.
- Will be updated in real-time instead of nightly batch jobs.





Maria Pappas

Cook County Treasurer

September 6, 2018

John Marr Jr. Executive Chairman of the Board Tyler Technologies 5101 Tennyson Parkway Plano, TX 75024

Dear Mr. Marr:

We are writing this letter to express our shared concerns with the Integrated Property Tax System (IPTS) Project and the ability of Tyler Technologies to deliver a complete solution for Cook County.

The Cook County Board of Commissioners approved the contract with Tyler on September 8, 2015. It has been nearly three years since the award but, Tyler has little to show for it. The project was cast in two phases: the Cook County Assessor's functionality scheduled to go live in early December 2018, and the Cook County Clerk and Treasurer slated for December 2019.

The Monthly Project Health Assessment Reports produced by the Grant Thornton Independent Validation & Verification (IV&V) Team has consistently reported the deficiencies of the project and reported how far behind the project is. These reports, along with the observations of staff assigned to the project, lead us to doubt Tyler can deliver what is expected of the \$30 million project.

At the Quarterly Review meeting held on June 26, 2018, it was reported the project was 17 percent behind schedule. Mark Hawkins and Brian Litfin assured everyone present that Tyler would take every necessary step – including adding additional resources to the project – to catch up. The latest IV&V report, however, reveals the project is 28 percent behind schedule as of July 31, 2018. This is unacceptable.

It was only recently that Tyler made the change on the Assessor's test system to use the label of "PIN," despite the continued demand from my office and others. For months, the system contained the label of "Parcel ID" or "ParID." The test system in fact still displays the incorrect labels of "Parcel ID" or "ParID" in areas. If Tyler cannot get this correct, what confidence can we have in your ability to get the rest of the project's configurations, calculations and local nuances properly set up? This is unacceptable.

It is extremely difficult to keep working on a project when we have not been able to access a comprehensive test environment. The Assessor is just three months from the planned go-live. The Assessor has advised that it has been fully compliant to date and has signed off on all currently required deliverables, yet very little functionality has been turned over for staff to test. The formal Tyler testing phase is already behind schedule. The Clerk and Treasurer are 15 months from the implementation date yet none of the screens or functionality have been developed. Tyler has indicated multiple times the Assessor's phase

would be much less to configure while the Clerk and Treasurer require the most customization. This is unacceptable.

Furthermore, the Treasurer's Office is planning to implement Tyler Cashiering as part of the project. Seemingly, Tyler Cashiering would work in tandem with the Integrated Property Tax System. The problem is that Tyler has yet to assign a qualified Tyler Cashiering resource to work with Treasurer's staff to assemble requirements for the cashiering system. This is unacceptable.

The three offices work in tandem with the Cook County Recorder of Deeds Office on certain tasks. The current duties of the Recorder will be merging with the County Clerk's operation in 2020. Tyler has yet to develop a thorough plan for the development of Recorder's interfaces and how the Recorder's data will be shared in the planned system. This is unacceptable.

Cook County contains the second-largest property tax collection process in the United States. It would seemingly be within Tyler's best interest to get this project right from the get-go by assembling the strongest team to the project. Instead, there have been resource challenges throughout the project. In three-years, the Tyler team has had four different project managers. This is unacceptable.

There are less than 70 working days until the Assessor is to go-live. Our offices agree that the entire project is in peril and share the same concerns expressed in this letter. It is extremely important that your team evaluate as soon as possible whether or not the project can meet its targets or not. The Assessor, Clerk and Treasurer cannot and will not accept a product that does not contain all the functionality contained within the Statement of Work from Tyler.

We look forward to your response.

Sinceret

Maria Pappas Cook County Treasurer David Orr

Cook County Clerk

Joseph Berrios Cook County Assessor Karen Yarbrough

Cook County Recorder of Deeds

cc: Toni Preckwinkle, Cook County President Cook County Board of Commissioners

John Keller, Chief of Staff - Office of the Cook County President

Tom Lynch, Cook County Chief Information Officer

Andrew Teed, President, Enterprise Group and Appraisal & Tax Division – Tyler Technologies

Mark Hawkins, Sr. Vice President of Software Operations - Tyler Technologies

Expansion of Automatic Refunds

Description:

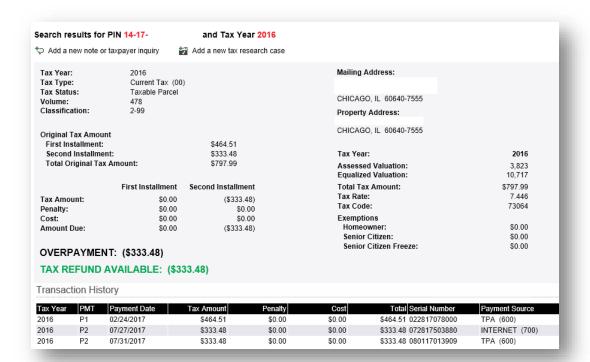
In 2018, the Treasurer's Office began issuing electronic refunds to taxpayers directly to the bank account or credit card account used to submit payment.

Going forward, the Treasurer's Office will expand its utilization of electronic refunds for future tax years and installments.

The office has also compiled a team of employees to identify prior year overpayments and refunding via electronic methods.

Benefits:

- Faster refunds for taxpayers as funds deposited directly into accounts.
- Eliminates the need for manual checks.
- · Saves postage.



Outsource Tax Bill Printing

Description:

The Treasurer's Office intends to seek proposals for a vendor to print the bi-annual 1.8 million tax bills offsite instead of internally.

Printing can be accomplished through a more efficient, streamlined process.

By having a vendor assume printing, there would be no need to print the form first, and then add the PIN detail as a separate process.

Ideally, printing, folding, inserting and mailing can all be handled as a single process.

Benefits:

- Streamline and increase efficiency of bill printing process.
- Reduce internal costs and processing time.



Name of Project:	Online Payment "Shopping Cart" Enhancements
Description:	Create a payment channel that will allow non-mortgage/title company/3rd party taxpayers who own multiple properties to pay online in one single, easy transaction. Also, permit online payers to schedule a payment in advance.
Benefit(s):	 Eliminates a user from having to make payment transactions one at a time. Reduces payment processing time.

Name of Project:	Simplified Online Payment Process
Description:	Modification of the current online payment process to reduce the number of screens visible to taxpayers
	and revise and simplify important payment messages.
Benefit(s):	Decrease the payment checkout time.
	Eliminate redundant messaging.
	 Provide simplified checkout experience.

Name of Project:	Automate the Over-Assessment Certificate of Error (C of E) Process
Description:	Automate C of E over-assessments much as homestead exemption C of E's are automated.
Benefit(s):	Streamline and increase efficiency by eliminating the manual application and processing requirements
	currently in place.

Name of Project:	Returned Mail Module – Additional Enhancements
Description:	The office developed the Returned Mail Research module to assist with researching tax bills returned by the U.S. Postal Service. Additional functionality will introduce artificial intelligence (AI) to the process. It will also provide automatic updating of updated, valid mailing name and addresses.
Benefit(s):	Streamline and increase efficiency.

Name of Project:	C Fund Account Transition
Description:	Treasurer's Office will transition the C Fund from Bank of America to Citi.
Benefit(s):	• Implementation will greatly reduce cost, increase investment yield on investable dollars, and streamline
	current cash management operations under current account holder.

Name of Project:	Office Wide Bankruptcy Automatic Stay Compliance – Phase 2
Description:	Implement a system to prevent unauthorized payments: person in bankruptcy or TPA can pay only current payments: prior payments can be paid only by trustee. Phase 2 will expand the system to include other payment sites/methods, such as online payments, Lockbox, bank branch, etc.
Benefit(s):	Facilitate compliance with federal bankruptcy law.

Name of Project:	Automation of the Scavenger Sale
Description:	Automate the bi-annual Scavenger Sale to reduce time and resources dedicated to conduct the sale.
Benefit(s):	Streamline and increase efficiency.

Name of Project:	NSF Batch Processing
Description:	Eliminate the manual data entry of NSF's into MIS through automation efforts.
Benefit(s):	Automatically load NSF transactions into MIS instead of through a manual process.

Name of Project:	Automating Manual Check Requests
Description:	Eliminate multiple data entries using workflow.
Benefit(s):	Reduce processing time for Accounts Payable.

Name of Project:	PIN Research – Additional Enhancements
Description:	PIN Research was re-launched in 2013. The Treasurer's Office continues to build upon its foundation and
	provide more functionality and additional data that users would like to see within the application.
Benefit(s):	Add the following:
	C of E type, status, reason
	 Build-in functionality to print email a PDF tax bill, and track stats for the same process
	 CRM/Correspondence History – log of taxpayer contact with the office

Name of Project:	Automation of Transfers
Description: Benefit(s):	 Identify and provide periodic reports of potential transfers of payments utilizing data from the MIS. Automatically provide a report listing potential transfers for transactions within a given tax year. Allow for misapplied payments to be posted properly.
Name of Project:	Streamline Payments from Online Bill Payment Sites
Description:	Create an electronic file of all online bill payments. Use a STOP/verification file to validate the PIN, amount, tax amount, tax year.
Benefit(s):	 Reduce volume of manual payments required to be researched. Increase accuracy of payments that otherwise would be sent back to taxpayers for inaccurate or missing information.
Name of Project:	Electronic Feed of Open Item Bill Amounts
Description:	Enhance cashiering system to electronically receive Clerk open-item billing information from MIS so cashiers do not have to manually enter bill amount.
Benefit(s):	Reduce cashiering errors.Eliminate manual entry.
Name of Project:	Online Open Item Bill Payments
Description:	Enhance online payment system to allow taxpayers to pay open older years electronically based on data from the Treasurer and Clerk.
Benefit(s):	 Provide taxpayers another option to pay (right now, Open Items can only be paid in-person or by mail). Eliminate manual payment processing.
Name of Project:	ATM/Kiosk Tax Payments
Description: Benefit(s):	 Create a kiosk/ATM to service cash and other under banked taxpayers for property tax collections Provides additional, convenient payment option to taxpayers. Allows property tax payment collection points in areas that lack nearby bank branches.

Name of Project:	Sales-in-Error Database Rewrite
Description:	Create a system that allows the user to process a Sale-in-Error refund from the beginning of the process.
Benefit(s):	 Eliminate tracking of Vacate Tax Sale component in Excel spreadsheets and double-entry of same information into database. Eliminate need for employees to access MIS, transcribe payment information, and then re-enter into database to process refund request. Scavenger Payments and Refunds will post to MIS, thereby making the information available to the county.

Name of Project:	Tax Buyer Email Electronic Receipts after Annual Sale
Description:	Produce electronic receipts emailed to tax buyers instead of producing paper receipts.
Benefit(s):	 Eliminates the need to print receipts and for tax buyers to physically pickup the receipts.

Name of Project:	Interactive New Employee Training on Intranet
Description:	Create an interactive video/voice training program that could be uploaded to the intranet. The goal would be to give new employees an understanding of the office and virtual orientation.
Benefit(s):	 Eliminate the need for manual orientation. Can be used as a reference for existing employees and for refresher training purposes.

Name of Project:	Update Individual Online Payment Site
Description:	Work with online payment vendor to create a more robust online payment system that leverages emails, creates taxpayer payment carts, along with adding logic to charge bulk (non-TPA) payers the \$ 1.00 enhanced processing fee.
Benefit(s):	 Improve payment processing systems so taxpayers can pay multiple PINs at the same time. Improve system design and communication.

- Automated Telephone System
- 2. Consolidation of Bank Accounts
- 3. Customer Service Express-Line Payments
- 4. Customer Service Pro-bono Seasonal Employee Assistance From Local Banks During Peak Collection Periods
- 5. Database Banking Contact Management System
- 6. Electronic Inheritance Tax Filing/Wire Transfer
- 7. Email Reports to Department of Revenue
- 8. I.T. Improvements Automated Entry of Investment Transactions into General Ledger
- 9. I.T. Improvements Automated Entry of Cost Breakdown for Refund Checks into General Ledger
- 10. I.T. Improvements Automated Security Patch Management
- 11. I.T. Improvements Backup Tape Drive Replaced (to handle increased storage size)
- 12. I.T. Improvements Consolidated data and network storage onto one system
- 13. I.T. Improvements Disk-to-disk Backup System Installed (for fast recovery of lost or damaged files)
- 14. I.T. Improvements Enhanced Workflow for Human Resource System
- 15. I.T. Improvements Enhanced Correspondence Database (to improve performance)
- 16. I.T. Improvements Increased Network Security
- 17. I.T. Improvements Internal Support of websites
- 18. I.T. Improvements Name Change Application Imaging Project
- 19. I.T. Improvements Remote Access to Email through Web and Mobile Phones
- 20. I.T. Improvements Replaced Web Servers with Faster Hardware and New Software for Improved Performance and Reliability
- 21. I.T. Improvements Server Monitoring Software to Track System Errors
- 22. I.T. Improvements Standardized PC Image on Windows 10, Office 2016

- 23. I.T. Improvements Installation of replacement Storage Area Network (SAN) System
- 24. I.T. Improvements Streamlined Building and Rollout of New PCs
- 25. I.T. Improvements Streamlined website traffic reporting
- 26. I.T. Improvements Tableau data visualization tool implemented for internal use
- 27. I.T. Improvements Upgraded Email Server and Improved Filters for Junk/Spam Email
- 28. I.T. Improvements Upgraded to Microsoft Office 2016
- 29. I.T. Improvements Upgraded Call Center Hardware/Software
- 30. I.T. Improvements Upgraded Annual Escheatment Software (HRS Pro)
- 31. Infrastructure Installed Local Area Network (LAN)
- 32. New System Amount Guaranteed (reduction of check amount to match amount due)
- 33. New System Automated Scavenger Sale Removal Tool
- 34. New System Automated Tax Sale
- 35. New System Automatic Certificate of Error Refund Checks
- 36. New System Cash Reports (replaces microfiche)
- 37. New System Cash Management Online Banking System
- 38. New System Cashiering
- 39. New System CCT Printing Refund Checks (no longer through County mainframe)
- 40. New System Check Images Captured at Lockbox
- 41. New System Document Management System (Paperless Customer Service System)
- 42. New System Duplicate and Overpayment Refund System
- 43. New System Duplicate Tax Bill Request Form and Affidavit Image Retrieval System
- 44. New System Financial System: Oracle EBS
- 45. New System Fixed Asset Inventory

- 46. New System General Ledger
- 47. New System GIFTS Government Investment of Funds Tracking (maintains history of investments)
- 48. New System Governmental Unit Acquisition (GA) Database
- 49. New System Revamped Help Desk Program
- 50. New System Human Resources
- 51. New System Internal Open Item Tax Bill Request System
- 52. New System Name Change Electronic Capture of Info with Illinois Department of Revenue
- 53. New System Online Investment Auction
- 54. New System Online Payment System "STEPS" Subsequent Tax Electronic Payment System
- 55. New System PIN Research/PIN Payment Summaries
- 56. New System Post-Penalty Envelopes Imaging
- 57. New System Real-Time TPA System (RTS)
- 58. New System Reconcilement Database
- 59. New System Refund Check Search Engine Added to CCT Intranet
- 60. New System Refund Automatically Refund Overpayments as a result of Assessment Reduction
- 61. New System Refund Property Tax Appeal Board (PTAB) and Specific Objection Automatic Refunding
- 62. New System Refund Property Tax Appeal Board (PTAB) Refund Status Search Engine
- 63. New System Returned Mail Imaging System
- 64. New System Sale-In-Error
- 65. New System Security Monitoring (cameras)
- 66. New System Senior Deferral Payment Transmission
- 67. New System Special Assessments

- 68. New System STOPS (to prevent duplicate and overpayments by ensuring that only the legally responsible party submits payment)
- 69. New System Tax Sale System (to track delinquent PINs and removals)
- 70. New System Warrant Posting Labels
- 71. Office Restructure Centralize Refund Department
- 72. Office Restructure Consolidation of Multiple Customer Service Departments (One-Stop Shopping)
- 73. Payments Accepted at Offsite Banking Locations
- 74. Payments Accepted and Processed (multiple tax years, Certified Delinquent Tax Payments, Adjusted Certificate of Error Tax Bills, and Specialty Bills) at banking locations and Lockbox
- 75. Payments Accepted Online (expanded from full payment to on-time to two tax years, partial payment, and late payment)
- 76. Payments Accepted Through Community Bank Program
- 77. Payments by Third-Party Agents Online (expanded from on-time payments to late payments)
- 78. Payments Accepted Online (on-time payments using credit/debit card)
- 79. Positive Pay Tool to prevent fraud in checks written from Treasury accounts
- 80. Streamline Management of "C" Fund with Comptroller's Office
- 81. Tax Bill Re-design to larger 8½ X 14 size and inclusion of DDO Data on the First Installment Bill
- 82. Tax Bill Testing/Verification Plan
- 83. Tax Bill Electronic Data Testing
- 84. Training Business Letter Writing and Email Response
- 85. Training Cross-Training employees across various departments
- 86. Training Customer Service
- 87. Training Word and Excel
- 88. Treasury Management System Consolidate and automate daily cash management, investment, and collateral responsibilities

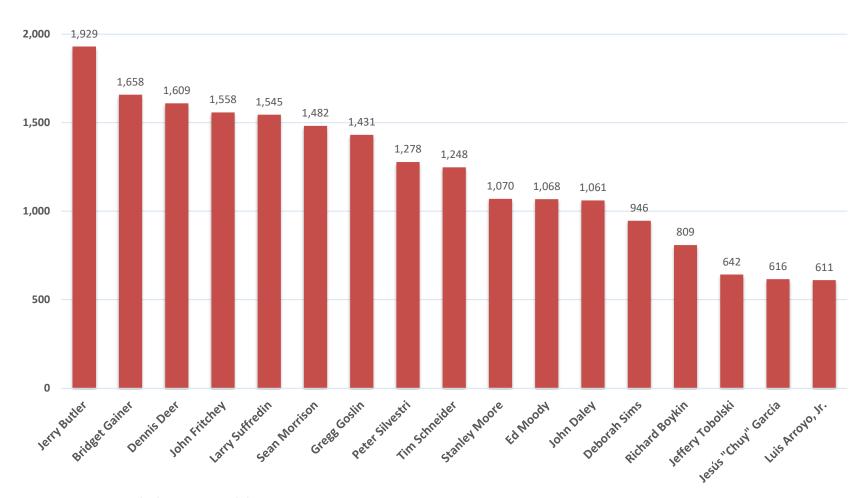
- 89. Website cookcountytreasurer.com re-design/re-launch to accommodate mobile device users
- 90. Website Customer Relational Management System Email Inquiries
- 91. Website Electronic Notification Program
- 92. Website Electronic Property Tax Bill System
- 93. Website Electronic Warrant Book
- 94. Website Interactive property tax bill containing taxing district debt/financial information
- 95. Website Mobile site for phone and tablet users
- 96. Website Property Tax Portal at cookcountypropertyinfo.com re-design/re-launch to accommodate mobile device users
- 97. Website Taxing Agency Extranet
- 98. Web-Based Cash Management
- 99. Web-Based Payment Status/Refund Availability
- 100. Web-Based Taxing District Debt Disclosure Site

Appendix



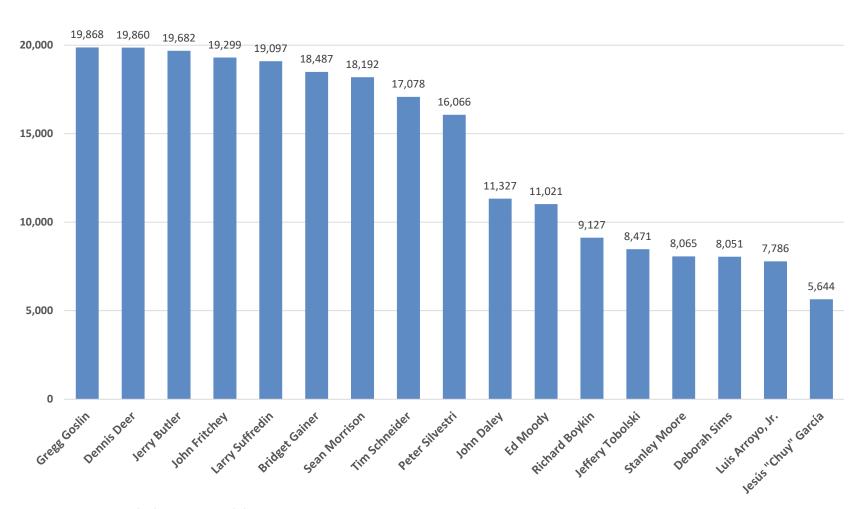
2017 SECOND INSTALLMENT ON-TIME PAYMENT BREAKDOWN:CREDIT CARD PAYMENTS



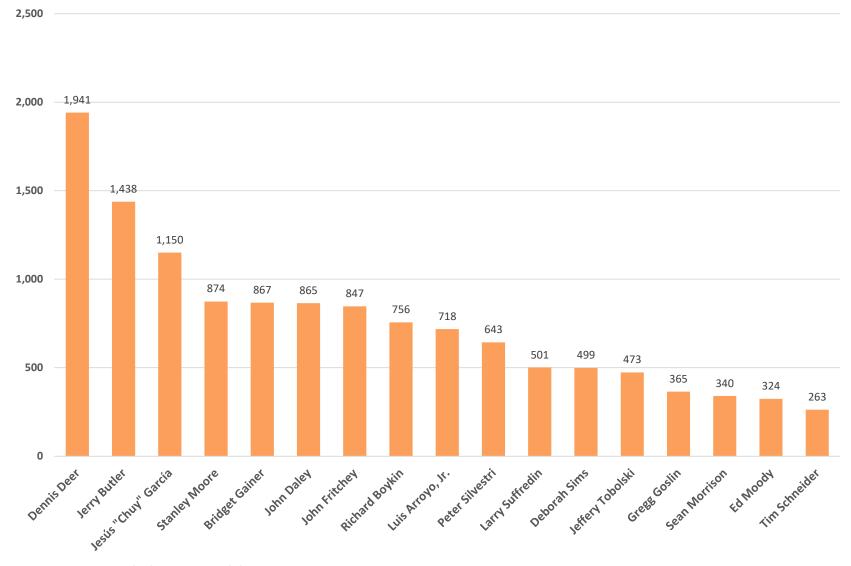


ONLINE (INTERNET) PAYMENTS

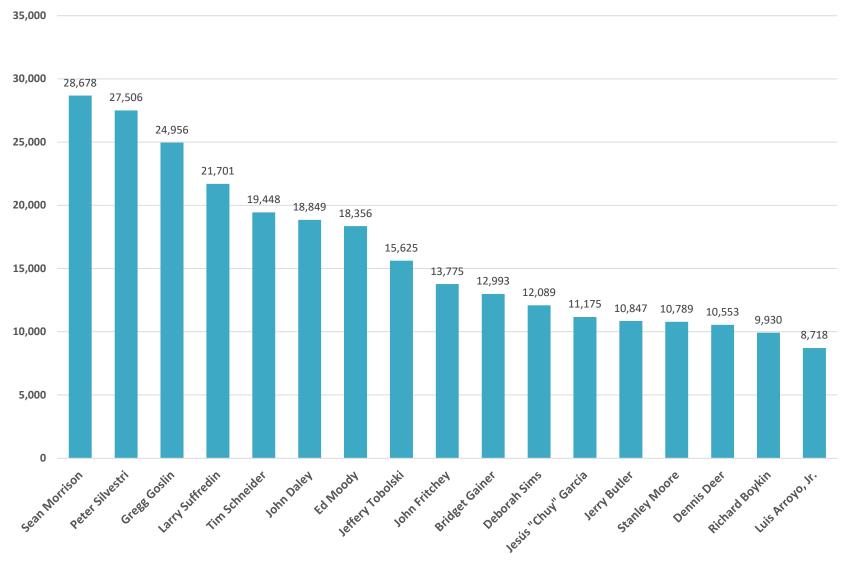
25,000



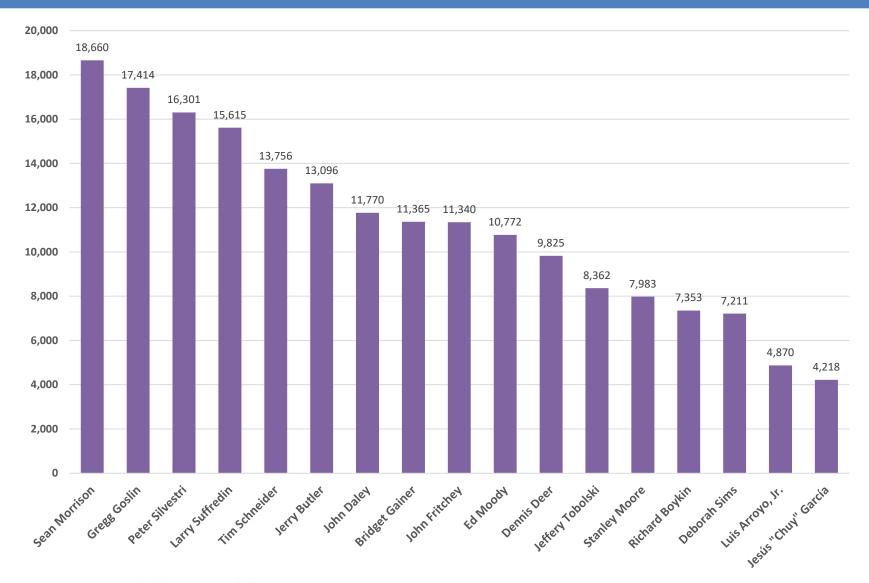
TREASURER'S OFFICE IN-PERSON PAYMENTS



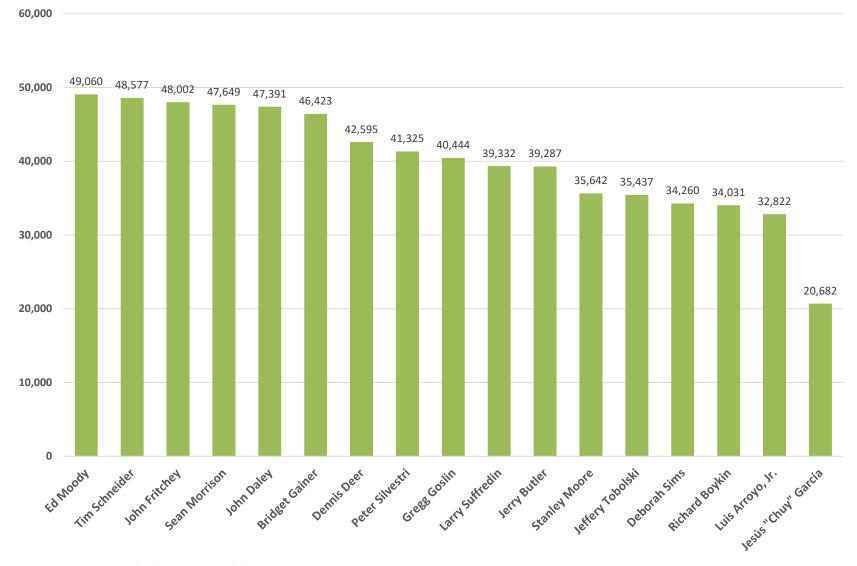
CHASE BANK BRANCH PAYMENTS



MAIL (LOCKBOX) PAYMENTS

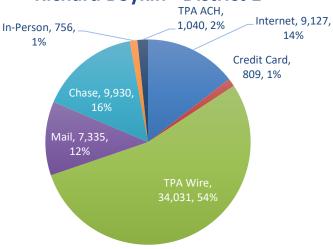


THIRD-PARTY AGENT (MORTGAGE) WIRE PAYMENTS

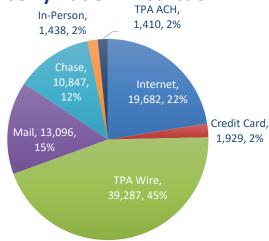


PAYMENT METHOD BY COMMISSIONER DISTRICT

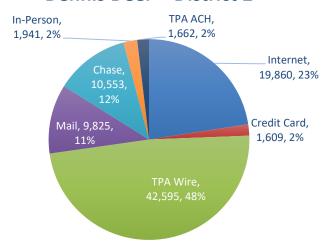
Richard Boykin - District 1



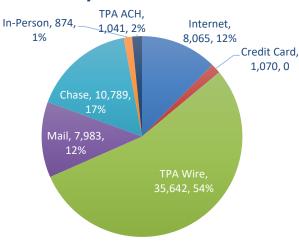
Jerry Butler - District 3



Dennis Deer - District 2

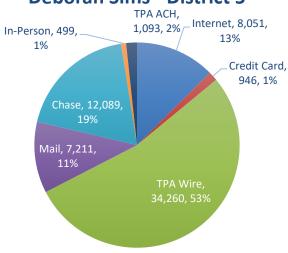


Stanley Moore - District 4

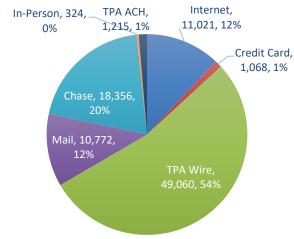


PAYMENT METHOD BY COMMISSIONER DISTRICT

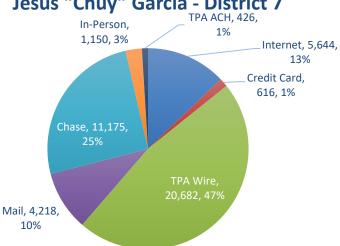
Deborah Sims - District 5



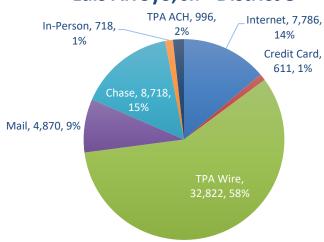
Ed Moody - District 6



Jesús "Chuy" García - District 7

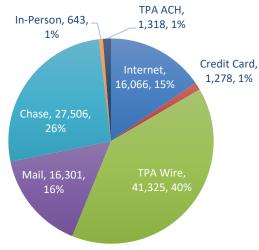


Luis Arroyo, Jr. - District 8

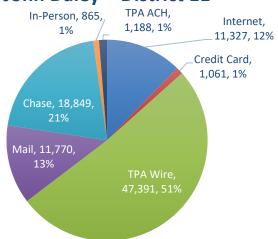


PAYMENT METHOD BY COMMISSIONER DISTRICT

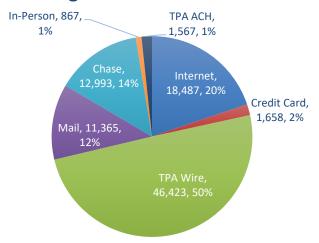
Peter Silvestri - District 9



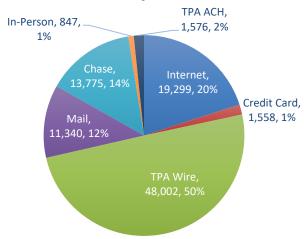
John Daley - District 11



Bridget Gainer - District 10

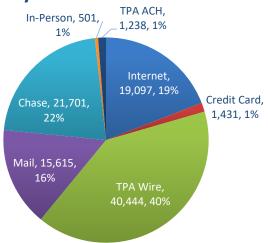


John Fritchey - District 12

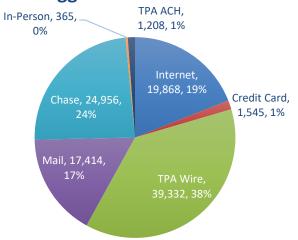


PAYMENT METHOD BY COMMISSIONER DISTRICT

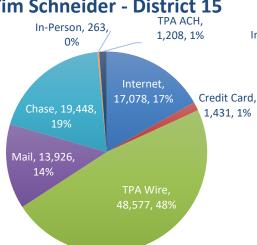




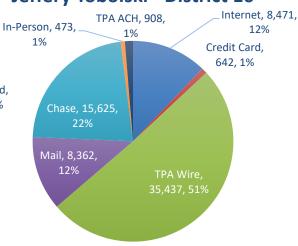
Gregg Goslin - District 14



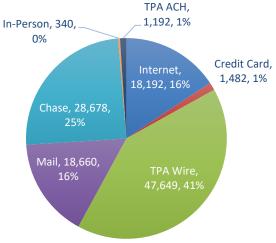
Tim Schneider - District 15



Jeffery Tobolski - District 16



Sean Morrison - District 17



2016 ANNUAL TAX SALE – BREAKDOWN



