

PVA OFFICE TASK FORCE PRESENTATION

OCTOBER 20, 2020

PRESENTED BY

TOM CRAWFORD

EXECUTIVE DIRECTOR

OFFICE OF PROPERTY VALUATION

TOPICS COVERED IN THIS PRESENTATION:

VALUATION SOFTWARE AND EQUIPMENT NEEDS

MAPPING SOFTWARE NEEDS

SHARED TECHNOLOGY AND MAPPING

SHERIFF/CLERK/PVA SHARED TECHNOLOGY

SOME PRELIMINARY INFORMATION

REAL PROPERTY ASSESSMENT INFORMATION:

REAL PROPERTY ASSESSMENTS FOR THE 2020 TAX YEAR TOTAL \$280.2 BILLION.

THIS IS UP FROM \$269.4 BILLION IN 2019.

NEW PROPERTY FOR 2020 IS \$4.2 BILLION.


THIS IS UP FROM \$3.6 BILLION IN 2019.

PROPERTY TAX COLLECTION INFORMATION:

STATE PROPERTY TAX COLLECTIONS WERE \$552 MILLION IN FISCAL YEAR 2019 – 2020

LOCAL PROPERTY TAX COLLECTIONS TOTALED \$2.8 BILLION

PVA APPRAISAL PROCESS & GIS DATA



The image displays an aerial photograph of a residential neighborhood. A specific parcel is highlighted with a bright cyan border, while other nearby parcels are outlined in green. The map is part of a GIS application interface. On the right side, there is a 'Table of Contents' pane showing a hierarchical list of layers: 'parcels' (expanded), '080-000-041' (expanded), 'SOIL_VAL', and several GISQuery layers including 'AssessmentsGISQuery', 'OwnersGISQuery', 'BuildingsGISQuery', 'LandGISQuery', 'SalesGISQuery', 'PhotosGISQuery', and 'SketchGISQuery'. Below this is a 'Location' field showing coordinates: '1,948,179.140 2,134,573.824 Feet'. A 'Properties' pane is open, displaying a table of attributes for the selected feature.

Field	Value
Shape	Polygon
MUID	11073
PIDN	080-000-041
PARCEL_ID	080-000-041
PHOTO_ID	080-000-041_001
MAP	080
BLOCK	
PARCEL	41
ACRES	0.946342
COMMENT	
CLASS	RESIDENTIAL
TAX_DIST	00
FIRE_DIST	
SCH_DIST	BOYLE COUNTY
PRECINCT	LEXINGTON ROAD / D102

Identified 1 feature

84°41'7.517"W 37°41'9.487"N

PVA APPRAISAL PROCESS & GIS DATA

Identify

Identify from: <Top-most layer>

- parcels
 - OB0-000-041
 - SOIL_VAL
 - AssessmentsGISQuery
 - TACKETT MICHAEL K & SHANNON M
 - OwnersGISQuery
 - BuildingsGISQuery
 - LandGISQuery
 - SalesGISQuery
 - PhotosGISQuery
 - SketchGISQuery

Location:

Field	Value
Map	OB0-000-041
Name	TACKETT MICHAEL K & SHANNON M
Address1	161 OLD BRIDGE
Address2	<null>
City	DANVILLE
State	KY
Zip	40422-
Class	Residential
Taxable	290000
FairCash	0
Land	0
Improvements	290000
AgImprovements	0
LandFCV	0
ImprovementsFCV	0
AgImprovementsFCV	0
Description	<null>
FarmAcres	0
Year	2004

12:43 PM

Identify

Identify from: <Top-most layer>

- parcels
 - OB0-000-041
 - SOIL_VAL
 - AssessmentsGISQuery
 - TACKETT MICHAEL K & SHANNON M
 - OwnersGISQuery
 - TACKETT MICHAEL K & SHANNON M
 - BuildingsGISQuery
 - LandGISQuery
 - SalesGISQuery
 - PhotosGISQuery
 - SketchGISQuery

Location:

Field	Value
Map	OB0-000-041
Year	2004
Account	11748
Name	TACKETT MICHAEL K & SHANNON M
Address1	161 OLD BRIDGE
Address2	<null>
City	DANVILLE
State	KY
Zip	40422-
Location	OLD BRIDGE 161
Description	<null>
Deed	373-175

Identify

Identify from: <Top-most layer>

- parcels
 - OB0-000-041
 - SOIL_VAL
 - AssessmentsGISQuery
 - OwnersGISQuery
 - BuildingsGISQuery
 - 1
 - LandGISQuery
 - SalesGISQuery
 - PhotosGISQuery
 - SketchGISQuery

Location:

Field	Value
Map	OB0-000-041
Building	1
Description	<null>
YearConstructed	1997
EffectiveAge	0
NoStories	1.75
AvgWallHeight	0
Width	24
Length	25
Area	600
Neighborhood	Better
SiteCondition	Excellent
BuildingCondition	Very Good/Excellent
ConstructionType	Masonry Ext
ConstructionQuality	Custom
ResidenceType	Single Family
MobileHomeType	<null>
CommercialType1	<null>
CommercialType2	<null>
FarmBuildingType	<null>
Structure	2 Story

Identify

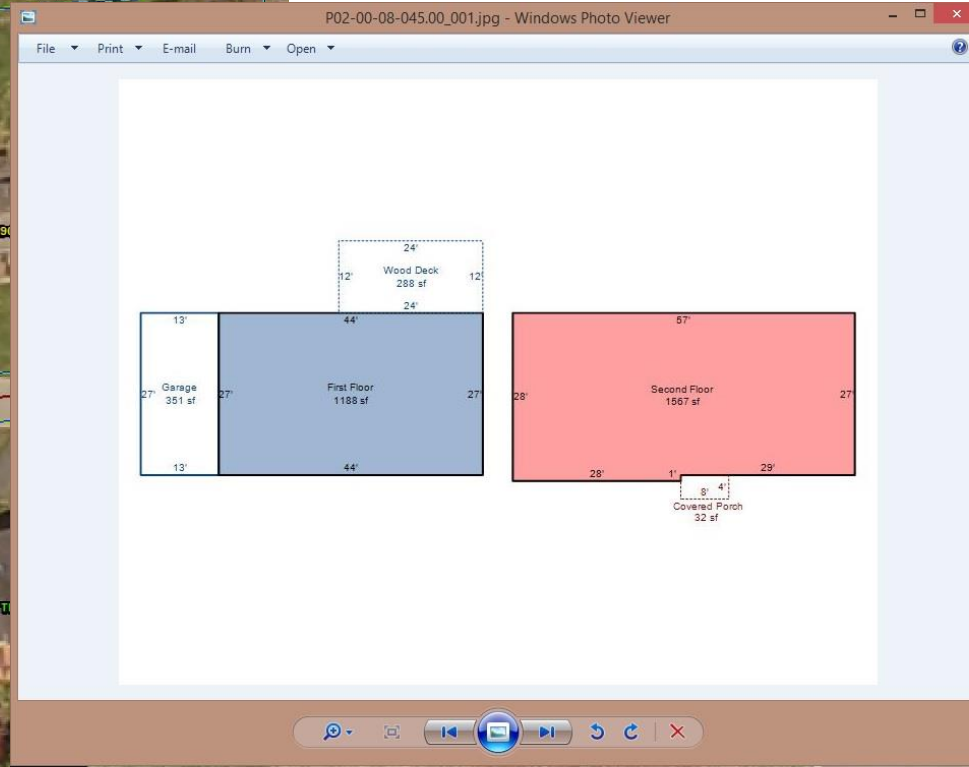
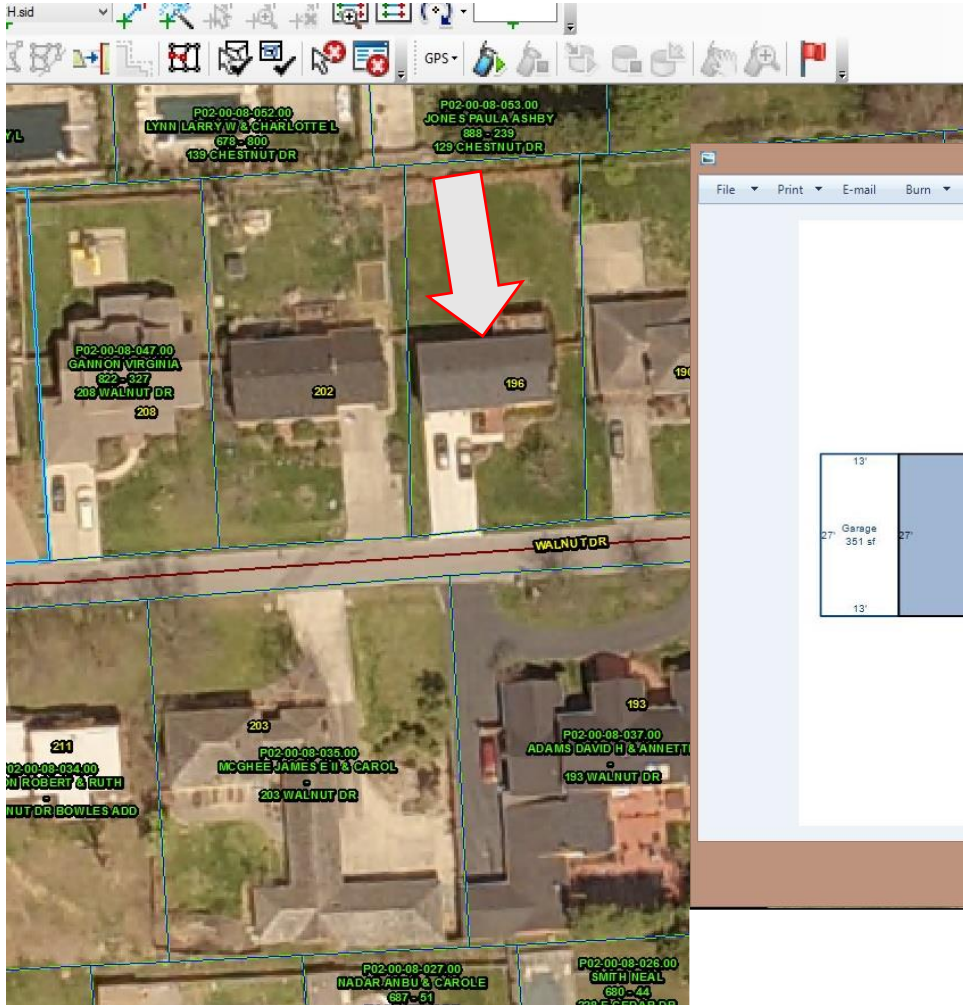
Identify from: <Top-most layer>

- parcels
 - OB0-000-041
 - SOIL_VAL
 - AssessmentsGISQuery
 - OwnersGISQuery
 - BuildingsGISQuery
 - LandGISQuery
 - SalesGISQuery
 - TACKETT MICHAEL K & SHANNON M
 - TOM CRAWFORD
 - PhotosGISQuery
 - SketchGISQuery

Location:

Field	Value
SalesRecordNumber	12929
BuyerMap	OB0-000-041
BuyerName	TACKETT MICHAEL K & SHANNON M
SellerMap	OB0-000-041
SellerName	COMBS WALLACE E & ANNE T W/S
TransferNo	TOM CRAWFORD
TypeSale	Valid Sale
Deed	373-175
DeedType	<null>
DeedDate	4/25/2000
DeedAmount	275000
SalesRatio	0.9273
AgValue	0
Acres	0
Location	OLD BRIDGE 161
Description	<null>

PVA APPRAISAL PROCESS & GIS DATA



SKETCHES & PHOTOS



VALUATION SOFTWARE & EQUIPMENT NEEDS

Computer Assisted Mass Appraisal (CAMA)

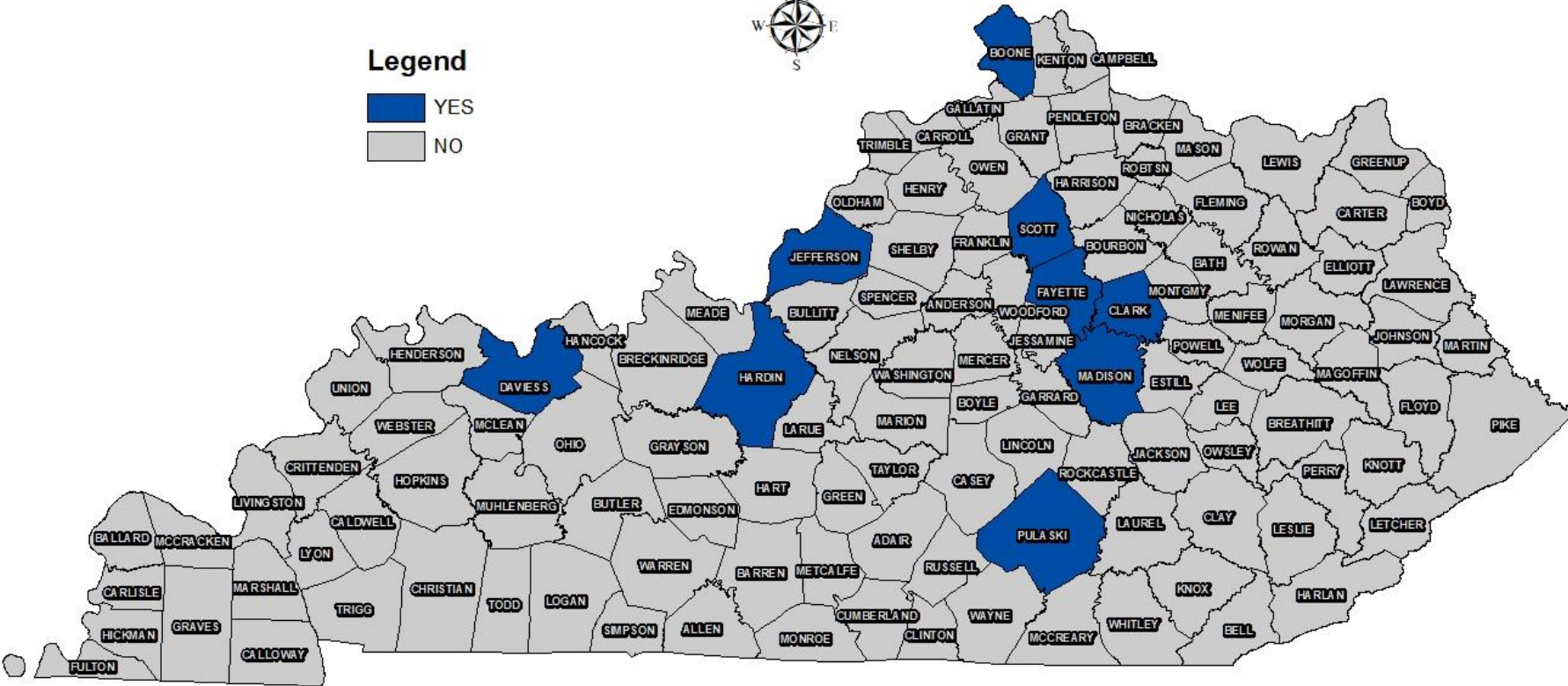
Print Date: October 08, 2020



Legend

☒ YES

☐ NO



TEAM  KENTUCKY

- CAMA is useful for standard type housing in large subdivisions.
- Most rural counties cannot benefit from CAMA.
- Nine Kentucky counties currently use CAMA
- PVA offices are responsible for purchasing vehicles, computers, tablets, monitors, routers, etc. from their local budget.

SHARED TECHNOLOGY & MAPPING

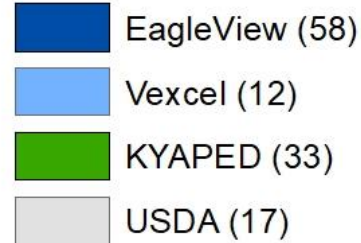
AERIAL TYPES BY COUNTY



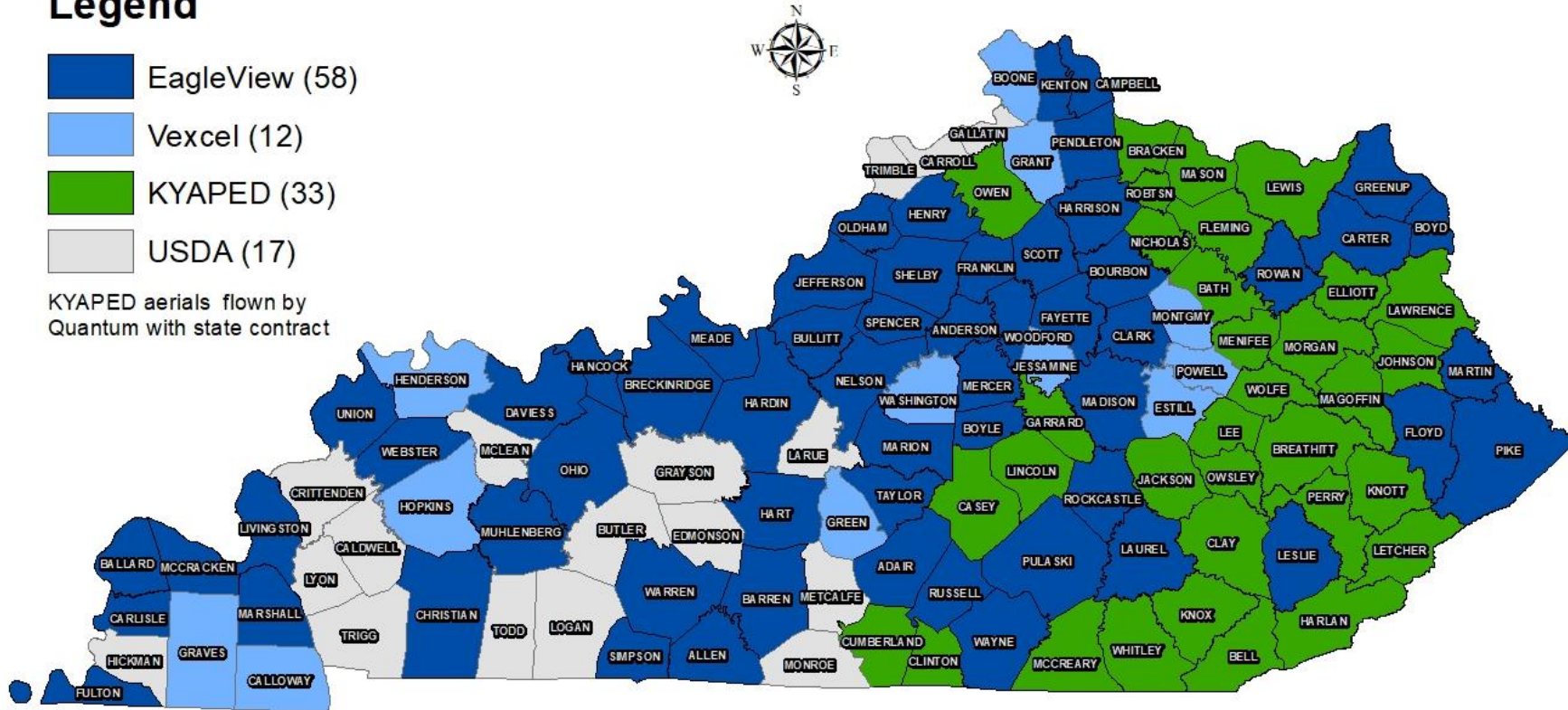
Print Date: October 07, 2020



Legend



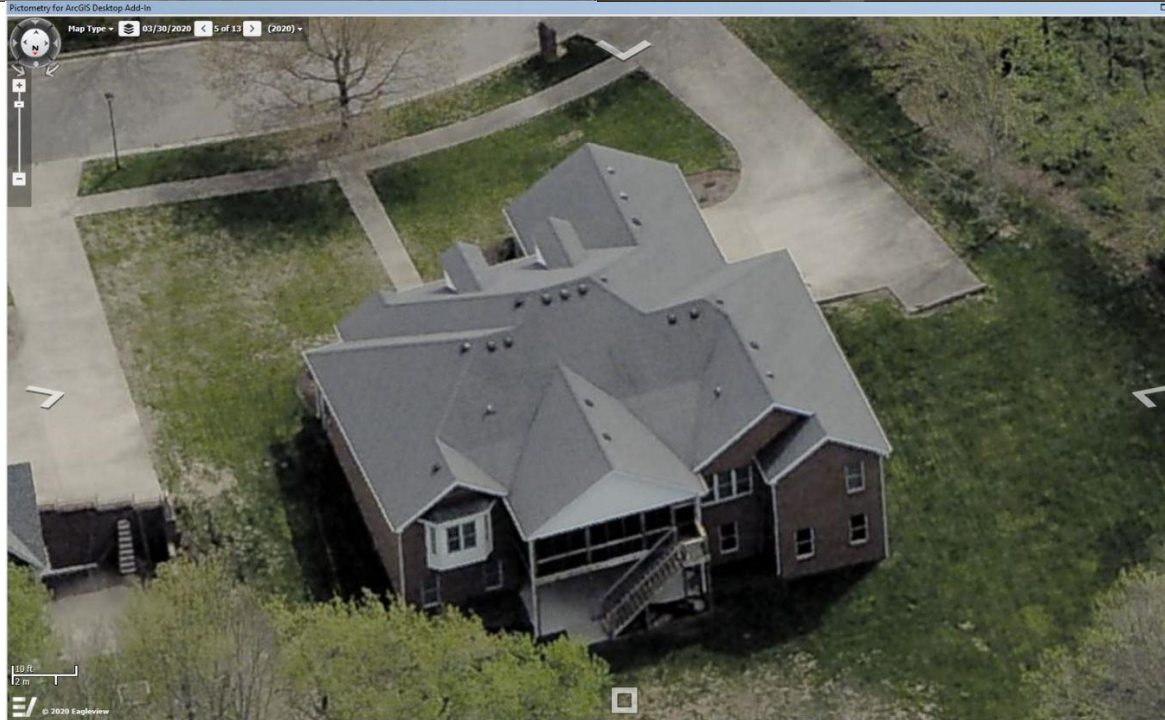
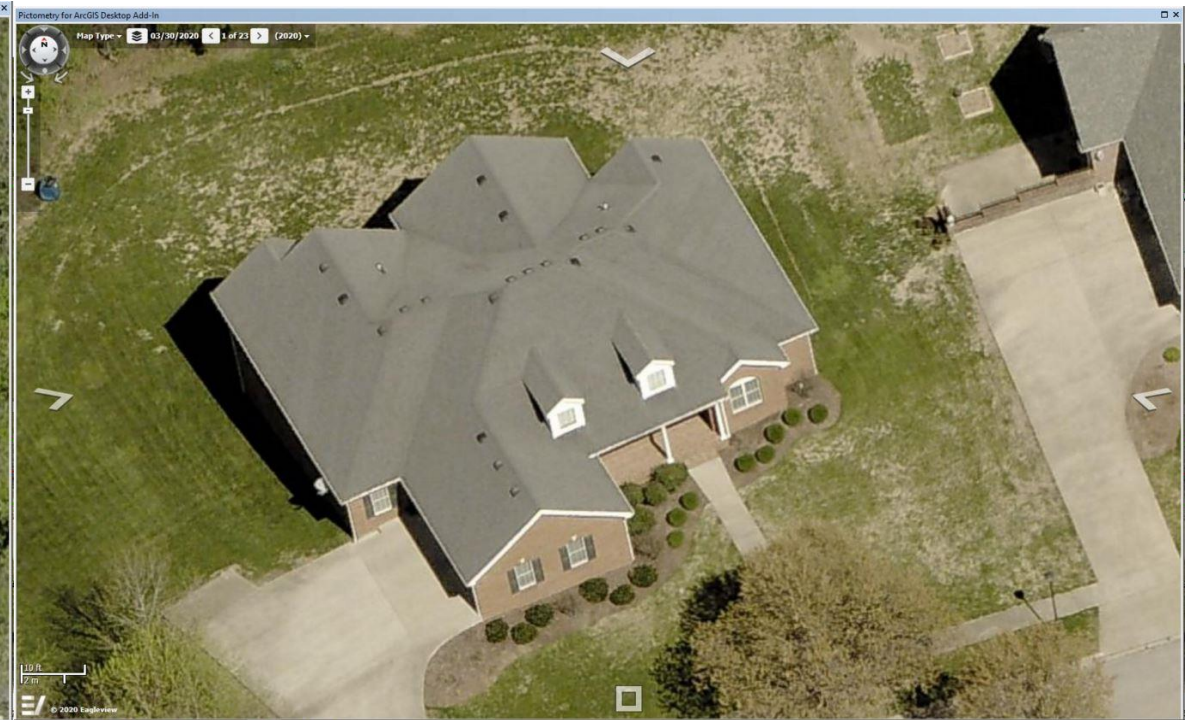
KYAPED aerals flown by
Quantum with state contract



TEAM  KENTUCKY

- PVAs use a combination of ortho and oblique aerial photography for mapping and appraisal.
- Orthos are essential to help map parcel boundaries.
- Obliques are useful finding new structures and measuring additions on existing structures.
- Obliques help add millions on tax rolls.
- Obliques are allowed by Kentucky statute and reduces the cost of PVA's reassessing property. The NC Department of Revenue's per-parcel reassessment cost was reduced from \$21 per parcel to \$13.50 from using Oblique aerals.
- Starting in 2020, 33 PVAs are utilizing KYAPED ortho aerial photography for mapping and appraisal purposes.
- Currently, 70 PVAs have individual contracts with EagleView or Vexcel to provide oblique and ortho aerial photography for mapping and appraisal purposes.
- There are presently 17 PVAs that rely on the USDA ortho aerial photography for mapping and appraisal purposes.

EXAMPLES OF OBLIQUE AERIAL PHOTOGRAPHY



SHARED TECHNOLOGY & MAPPING

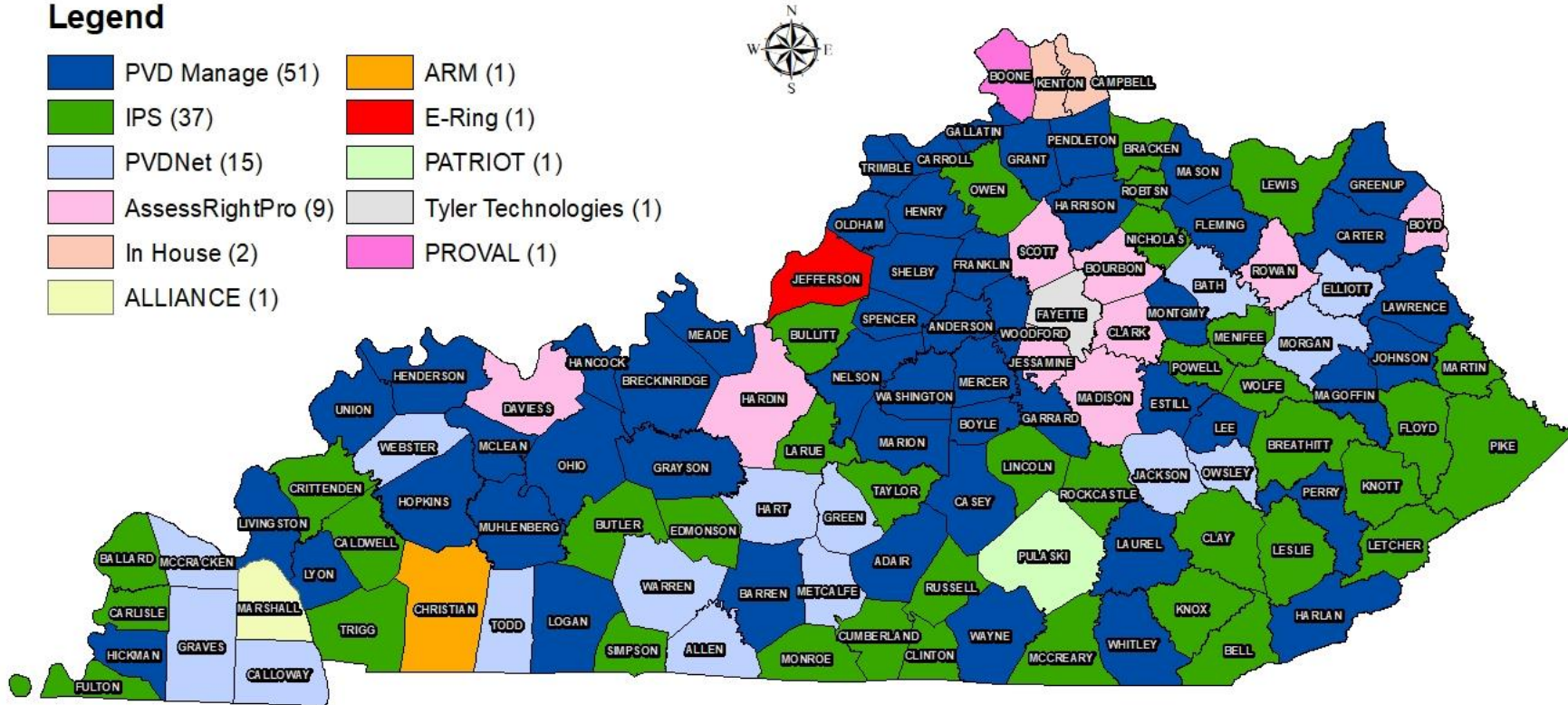
11 TAX ROLL SYSTEMS STATEWIDE

Tax Roll Program used by PVA Office

Print Date: October 07, 2020

Legend

PVD Manage (51)	ARM (1)
IPS (37)	E-Ring (1)
PVDNet (15)	PATRIOT (1)
AssessRightPro (9)	Tyler Technologies (1)
In House (2)	PROVAL (1)
ALLIANCE (1)	



- PVA Offices are paying for 120 different contracts for Tax Roll Software.
- 10 Software companies providing 11 different software solutions.
- Other complementary software:
 - Marshall & Swift
 - Cybelesoft z/Scope
 - Sketching Software

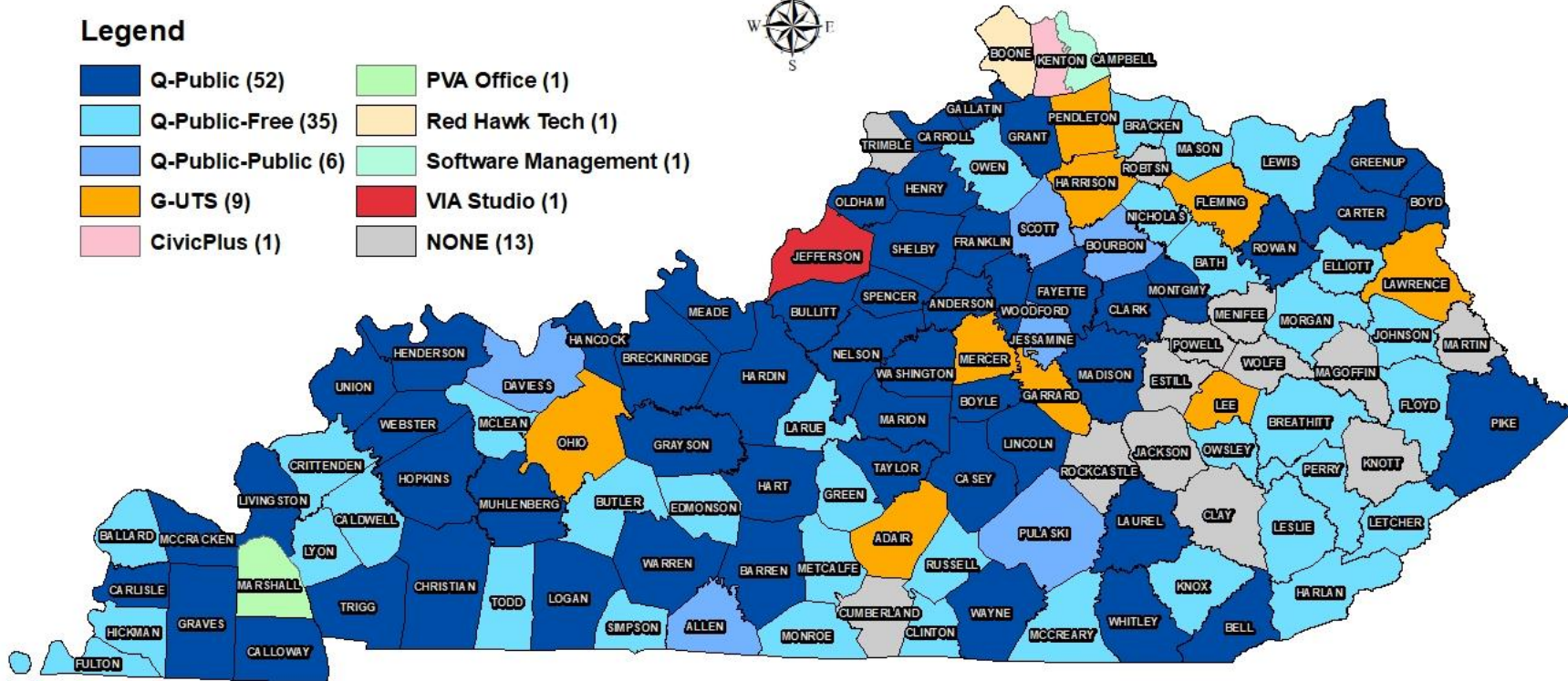
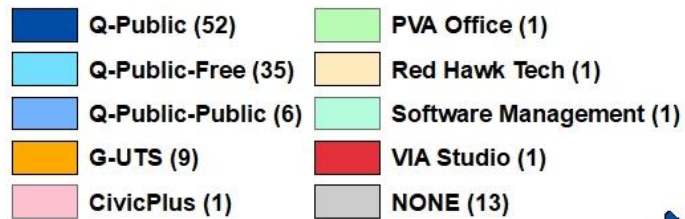
SHARED TECHNOLOGY & MAPPING 7 WEBSITE COMPANIES STATEWIDE



Print Date: October 07, 2020



Legend



TEAM  KENTUCKY

- PVA Offices are paying for 107 different contracts for PVA data websites.
- 72 PVA offices are being charged \$2,500 - \$44,000 a year for websites.
- 35 PVA offices are not being charged for hosting tax roll on websites.
- Websites relieve in person traffic in the PVA office to compensate for employee shortage.

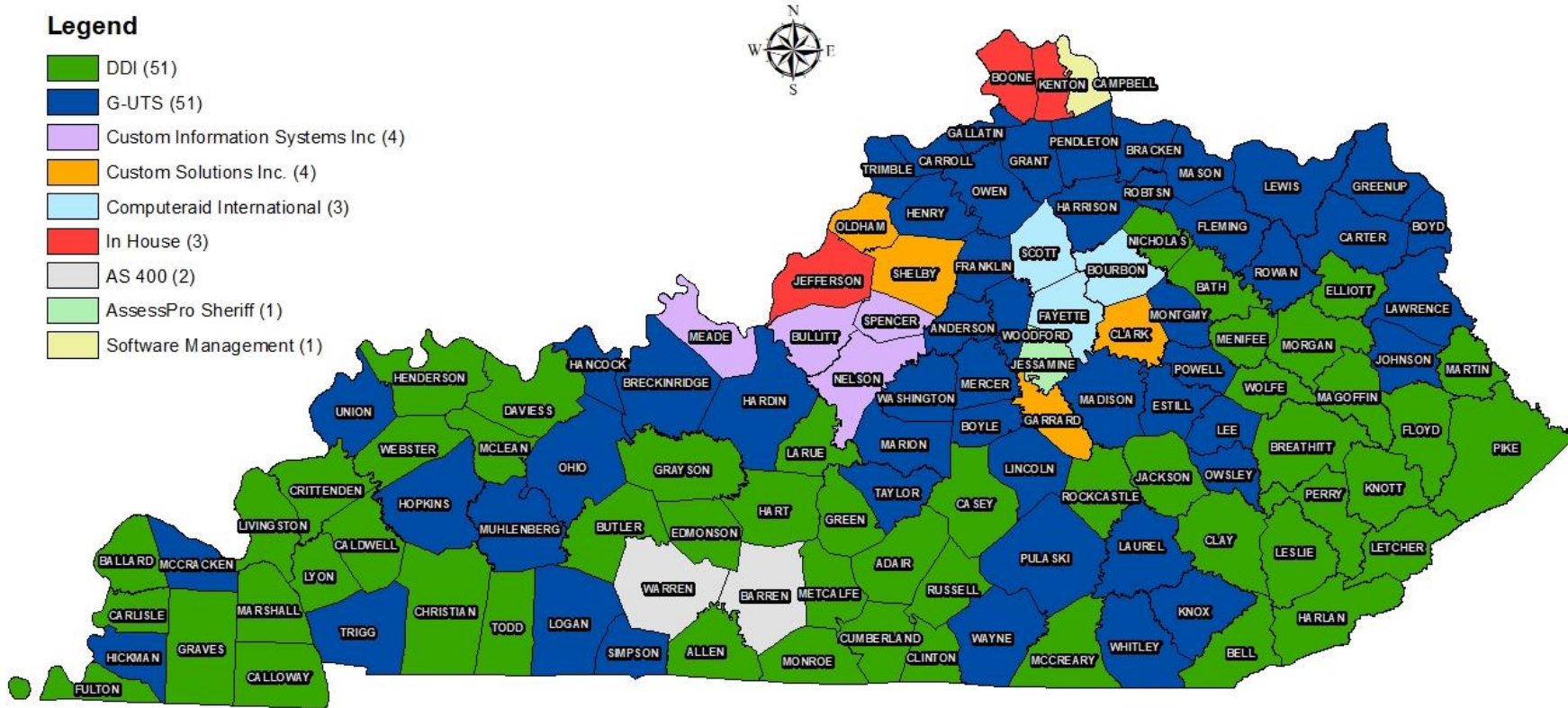
SHERIFF/CLERK/PVA SHARED TECHNOLOGY

Sheriff Tax Collection Software by Office

Print Date: October 15, 2020

Legend

- DDI (51)
- G-UTS (51)
- Custom Information Systems Inc (4)
- Custom Solutions Inc. (4)
- Computeraid International (3)
- In House (3)
- AS 400 (2)
- AssessPro Sheriff (1)
- Software Management (1)



TEAM
KENTUCKY

- If the same software systems are in place, then:
 - Assessment information can be easily transferred electronically from the PVA office to the county clerk's office so that tax bills can be printed.
 - Tax bill information will then transfer to the sheriff's office for collection.
 - Delinquent tax bill information transfers from the sheriff back to the county clerk.
 - If the county attorney is on the same software, this would ease the preparation of the statutorily required delinquent notices.
 - Each office could provide more information to the taxpayer. Having to send the taxpayer from one office to another would be reduced.
 - Cost savings could be realized with each office using one system.