



The Knowledge Exchange: Knowledge Explorer

**KNOWLEDGE
EXCHANGE**



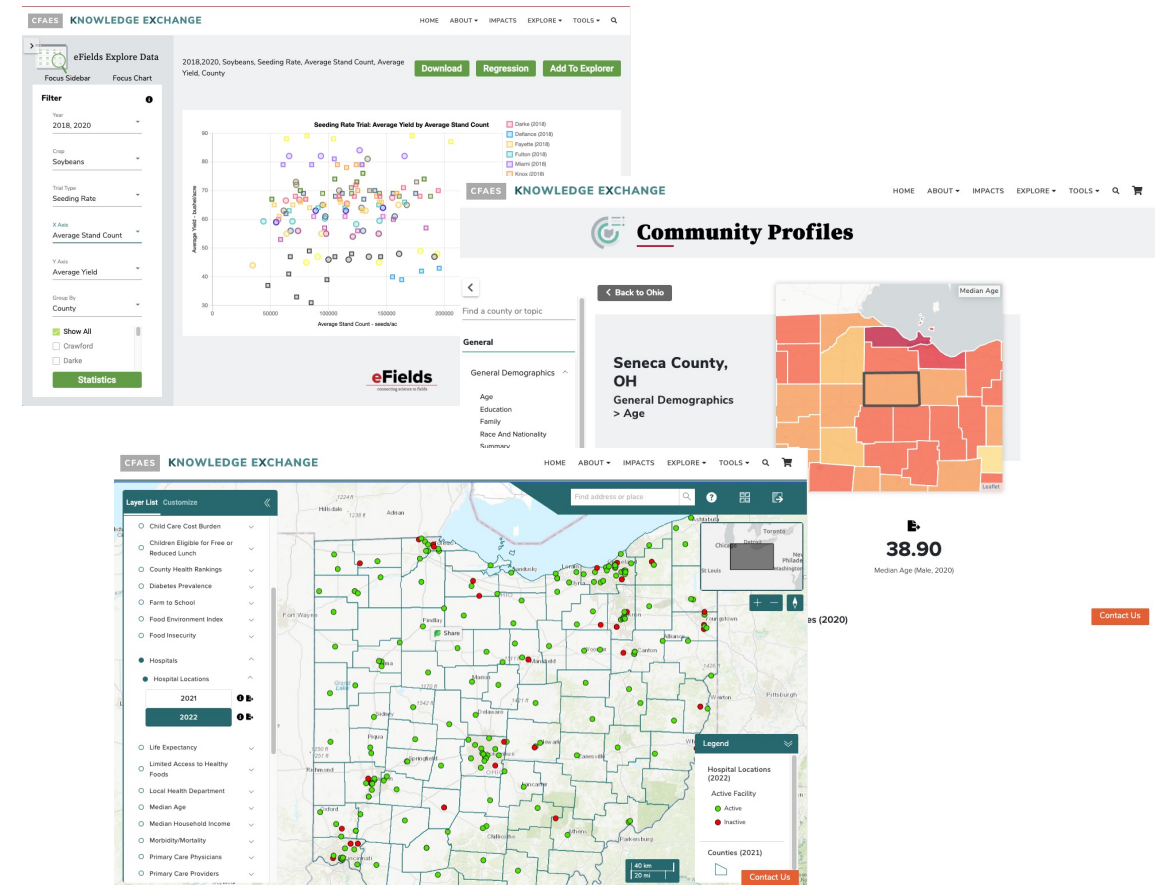
THE OHIO STATE UNIVERSITY
COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES

The Why Behind the Knowledge Explorer

Easy data consolidation

Multiple data tools on our site—easy way to show variety of data in one report

- Giving our college community the ability to build data visualizations more easily
- Using R can be tough, not all graphic designers
- Branded, approved output
- Reminder: first iteration, we need feedback!



Knowledge Explorer Basics

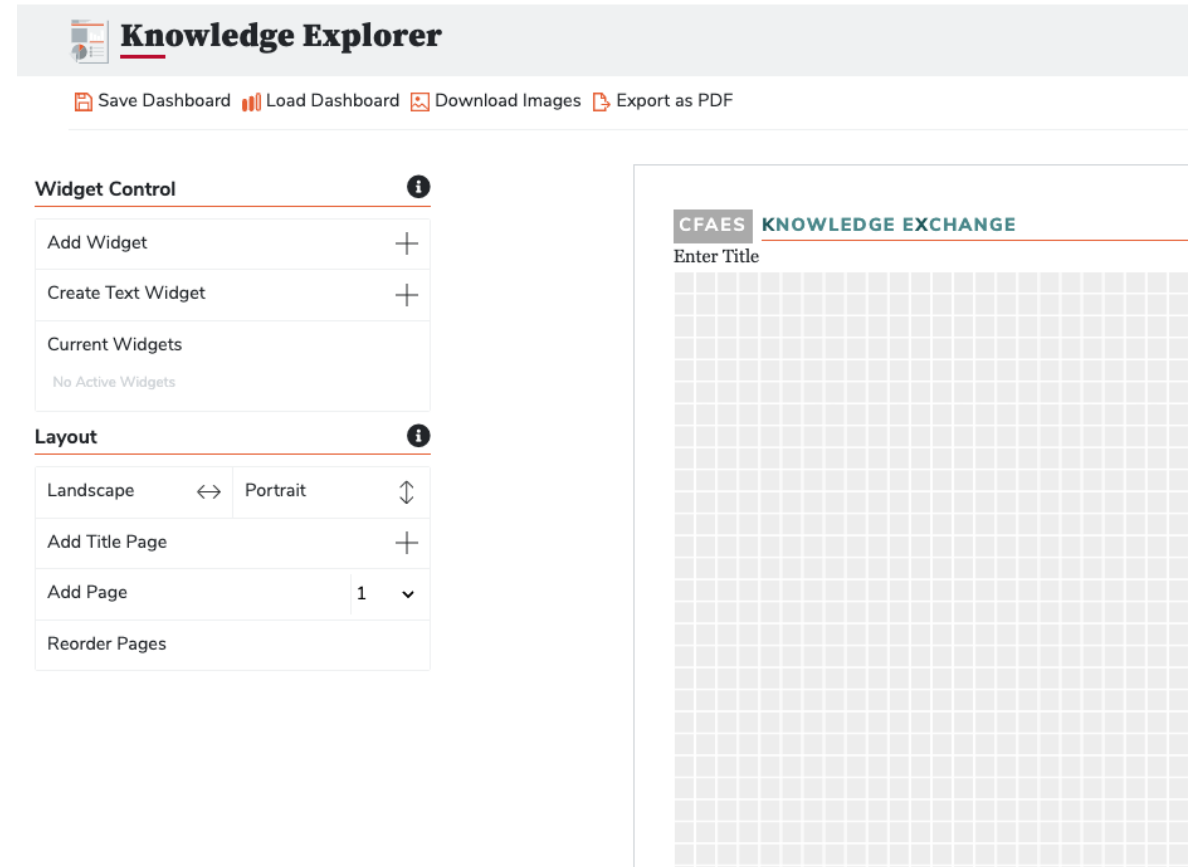
Orientation

Dashboard: your report pages

Widget: data visualizations

Widget Controls: where you add data

Layout: add pages, reorder, create title page

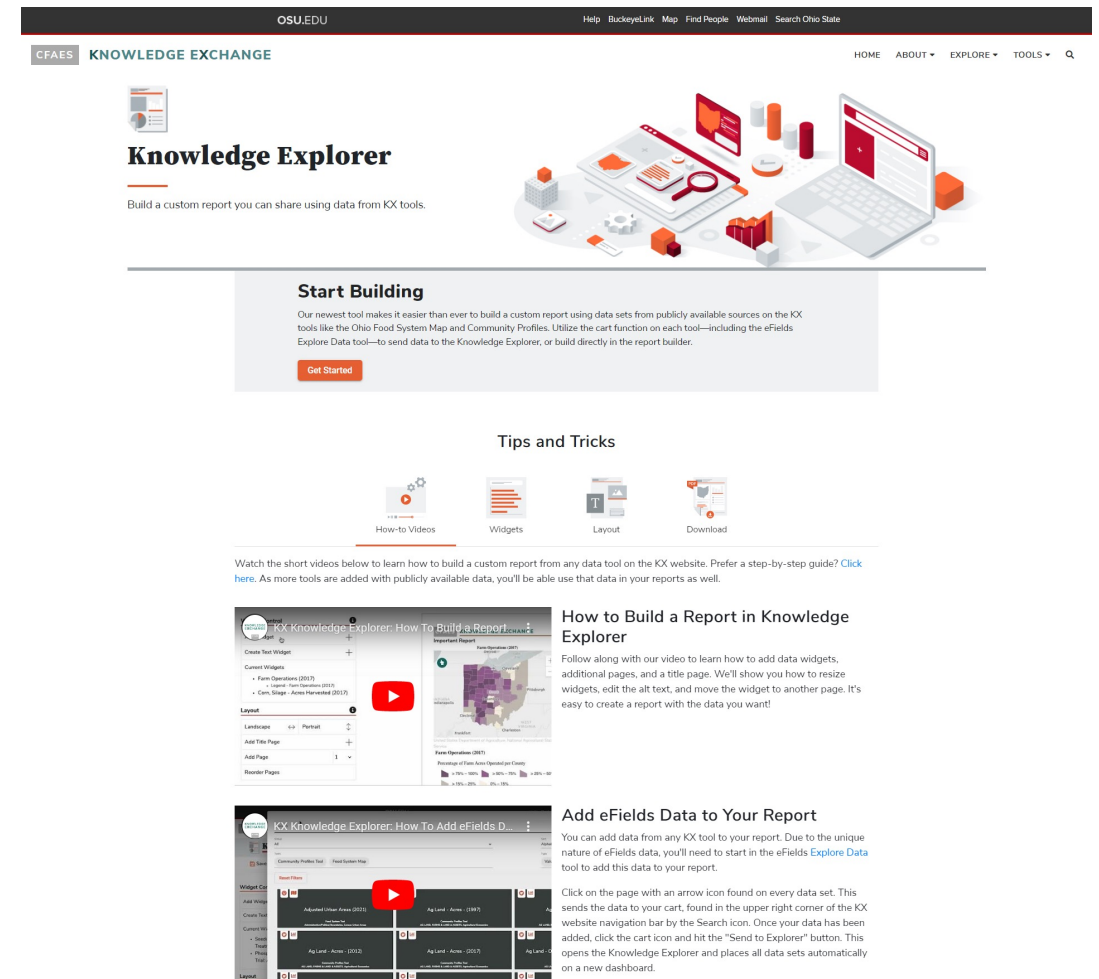


Build Data Reports

Available datasets

- Community Profiles (tabular)
 - NASS, US Census American Community Survey 5-year estimates
- Ohio Food System Map (geospatial, maps)
 - Health
 - Economics
 - Transportation
 - Food system: production to access
- eFields: send data from this tool (tabular)

Let us know your data needs!



The screenshot shows the OSU.EDU Knowledge Explorer website. The header includes navigation links like 'HOME', 'ABOUT', 'EXPLORE', and 'TOOLS'. The main content area features a 'Start Building' section with a 'Get Started' button and a 'Tips and Tricks' section with links to 'How-to Videos', 'Widgets', 'Layout', and 'Download'. Below these are three video thumbnails with titles: 'How to Build a Report in Knowledge Explorer', 'How to Build a Report in Knowledge Explorer', and 'Add eFields Data to Your Report'. The first video shows a map of Ohio with various data layers. The second video shows a dashboard with multiple data widgets. The third video shows a dashboard with multiple data widgets.

Knowledge Explorer
Build a custom report you can share using data from KX tools.

Start Building
Our newest tool makes it easier than ever to build a custom report using data sets from publicly available sources on the KX tools like the Ohio Food System Map and Community Profiles. Utilize the cart function on each tool—including the eFields Explore Data tool—to send data to the Knowledge Explorer, or build directly in the report builder.

Tips and Tricks
How-to Videos Widgets Layout Download

Watch the short videos below to learn how to build a custom report from any data tool on the KX website. Prefer a step-by-step guide? [Click here](#). As more tools are added with publicly available data, you'll be able to use that data in your reports as well.

How to Build a Report in Knowledge Explorer
Follow along with our video to learn how to add data widgets, additional pages, and a title page. We'll show you how to resize widgets, edit the alt text, and move the widget to another page. It's easy to create a report with the data you want!

Add eFields Data to Your Report
You can add data from any KX tool to your report. Due to the unique nature of eFields data, you'll need to start in the eFields [Explore Data](#) tool to add this data to your report.

Click on the page with an arrow icon found on every data set. This sends the data to your cart, found in the upper right corner of the KX website navigation bar by the Search icon. Once your data has been added, click the cart icon and hit the "Send to Explorer" button. This opens the Knowledge Explorer and places all data sets automatically on a new dashboard.

Cart Feature

Send data to the Explorer

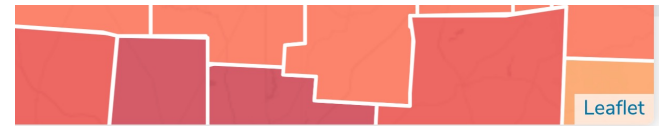
Shopping cart feature

- On each tool, click data send icon
- When finished, “Send to Explorer”

eFields

- Due to data, must start in eFields
- Send data to cart

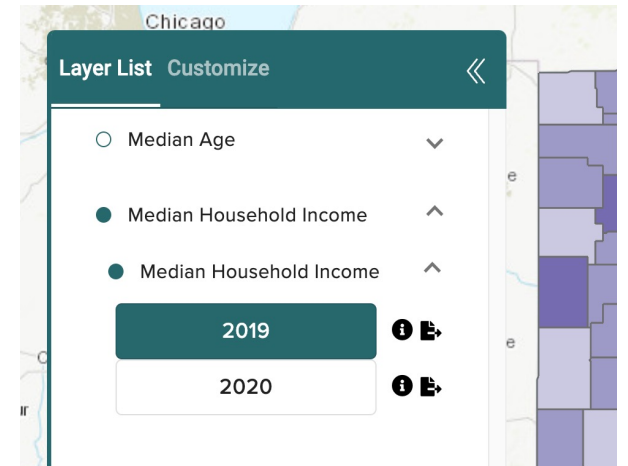
COMMUNITY PROFILES



55.4%

Percentage Of Homes With A Mortgage (2020)

OHIO FOOD SYSTEM MAP



eFields EXPLORE DATA

Download

Regression

Add To Explorer

age Yield by Average Stand Count



Let's Build!

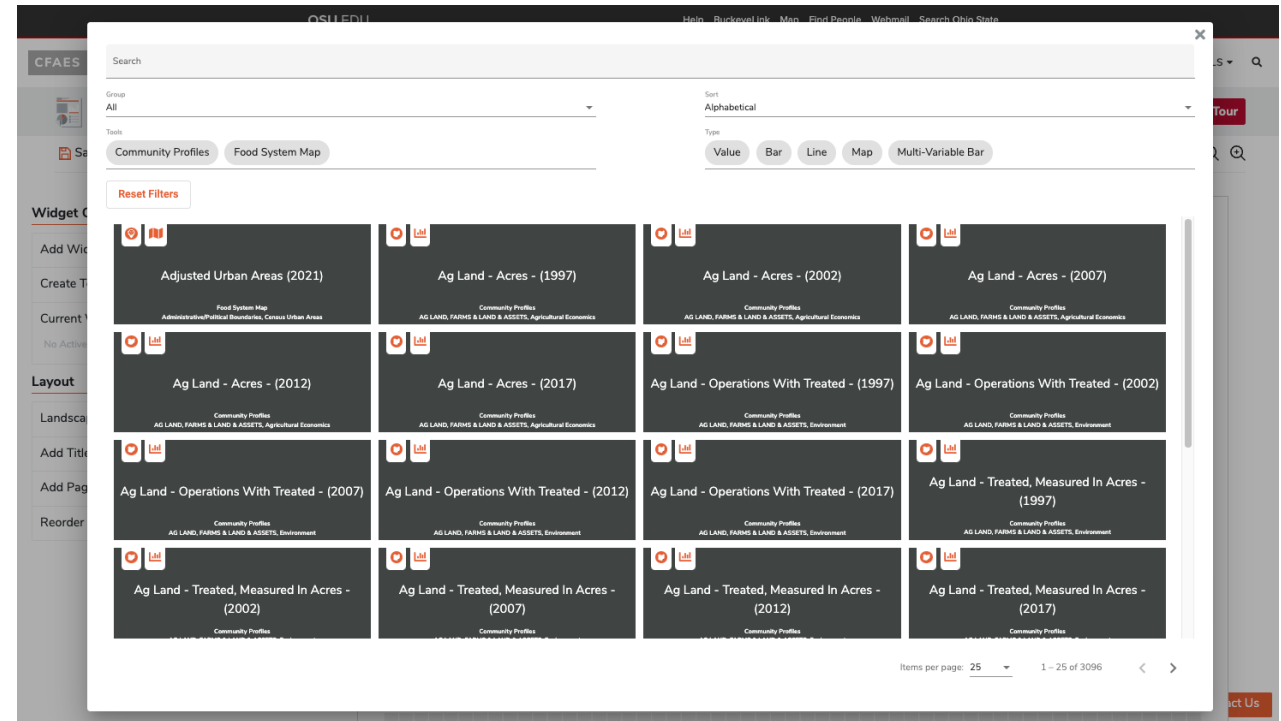
Step-by-step guide

Add widgets

- Search “mortgage”
- Choose by data group, tool, or type
- Sort widgets by date or alpha order
- Add text widget

Adjust widgets

- Resize
- Change county
- Move to other pages
- Change alt text



Let's Build!

Step-by-step guide

Add Page Title

- Give each page own title
- Or use create own text widget

Title Page

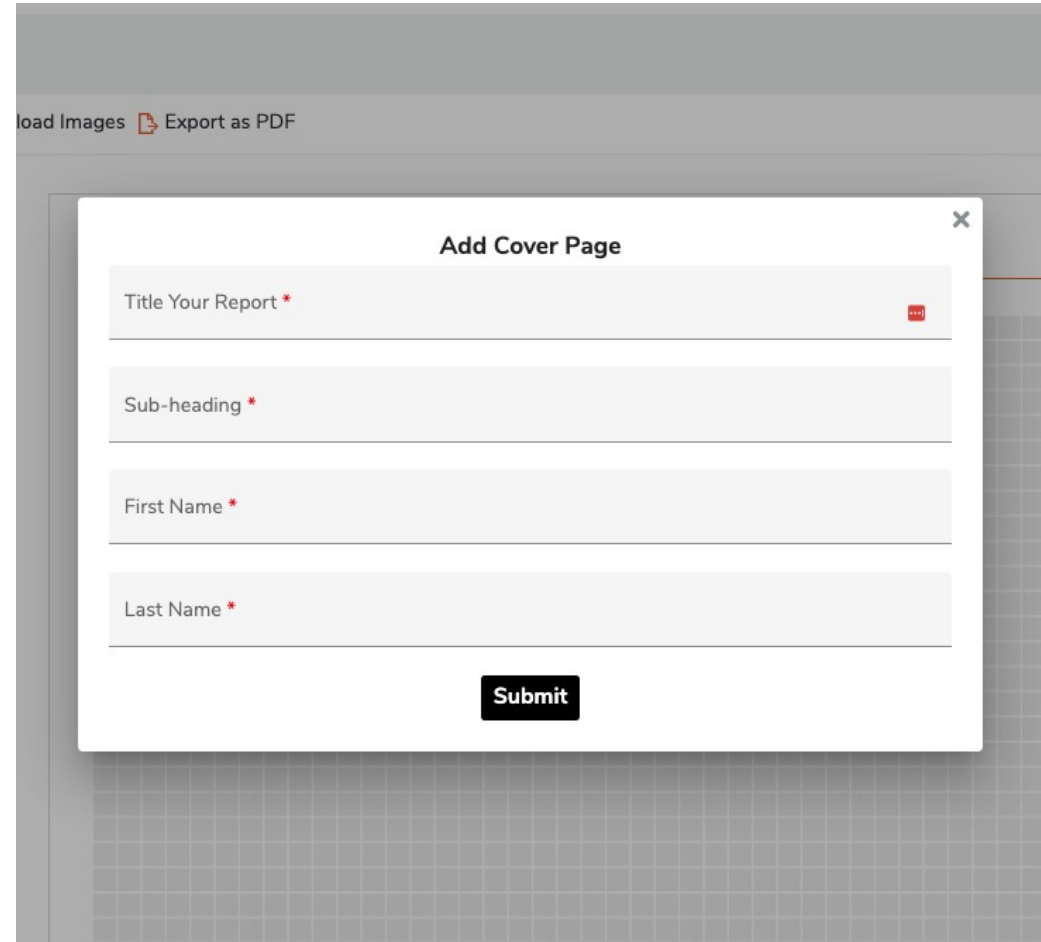
- Name, title, subtitle

Reorder Pages

- Move pages around

Delete

- No undo (save often)



The screenshot shows a web application interface with a modal form titled "Add Cover Page". The modal is white with a close button (X) in the top right corner. It contains four text input fields, each with a red asterisk indicating a required field:

- Title Your Report *
- Sub-heading *
- First Name *
- Last Name *

At the bottom right of the modal is a black "Submit" button. The background of the application shows a grid pattern and some navigation links at the top: "load Images" and "Export as PDF".

Menu Bar

Save Dashboard

- Saves the report in downloads folder
- Rename

Load Dashboard

- Locate file in file explorer or Finder
- Load to make edits

Download Images


- Downloads every widget
- Use where you choose. Please cite us!

Export PDF


- Download progress bar
- Saved in downloads folder


CFAES


KNOWLEDGE EXCHANGE




Knowledge Explorer

 Save Dashboard

 Load Dashboard

 Download Images

 Export as PDF

Widget Control

Add Widget

+

Create Text Widget

+

Current Widgets

- Total Mortgages By Year (2018)

CFAES

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Enter Title

Homeowner Demogr

A display of homeowner demograp
in 2021.

Resources and Future Plans

Become a Knowledge Explorer Expert!

Training Opportunities

- How-to videos and guides

Coming soon

- Templates
- 4-H program data
- Integrate other data: Phase II

Share your reports with us

- kx@osu.edu

The screenshot shows the CFAES Knowledge Exchange website. The header includes the CFAES logo, the site name, and navigation links for Home, About, Impacts, Explore, Tools, and a search icon. Below the header is a section titled "Tips and Tricks" with four icons: How-to Videos, Widgets, Layout, and Download. A text block below this section encourages users to watch short videos to learn how to build a custom report. Below the text are two video thumbnails. The first video is titled "KX Knowledge Explorer: How To Build a Report" and shows a report interface with a map of Ohio and a table of farm operations data. The second video is titled "KX Knowledge Explorer: How To Add eFields ..." and shows a report interface with a map of Ohio and a table of eFields data. To the right of the first video is a text block titled "How to Build a Report in Knowledge Explorer" which explains how to add data widgets, additional pages, and a title page. To the right of the second video is a text block titled "Add eFields Data to Your Report" which explains how to add eFields data to a report.

CFAES KNOWLEDGE EXCHANGE

HOME ABOUT IMPACTS EXPLORE TOOLS

Tips and Tricks

How-to Videos Widgets Layout Download

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KX Knowledge Explorer: How To Add eFields ...

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Contact Us

Thank you!

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