




Metopio

AI in Action: Transforming LHDs CHA & CHIP Process to Enhance Health Outcomes

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A person is holding a tablet computer. The image is overlaid with a semi-transparent blue filter. The text is centered on the screen.

Metopio helps you go beyond your
current understanding **of a place**
and those who live there.

Built for **Everyone to use data**

Powerful Data, Ridiculously Easy Tools

With Metopio, anyone in public health can complete important regulatory filings, meet accreditation criteria, create and track programs, and improve health equity in a single interface that centers community context in decision-making.



**Purpose-Built Platform
for Public Health**



**Seamlessly Integrates
Billions of Data Points**



**AI-enhanced with Guided
Workflows, Advanced Analytics
& Customized Outputs**

A photograph of a person's hands typing on a laptop keyboard, overlaid with a semi-transparent blue filter. The laptop screen shows a web interface with a 'Create a scatterplot' form. The text is centered over the image.

The state of generative AI right now
is most effective in supporting staff
**or supplementing where you don't
have staff in fulfilling workflows.**

THE SOLUTION

Deploy AI to Support LHDs

Metopio's Collaboration with LHD Partners



Community Health Assessment



Alleviate the workload of repetitive tasks



Save time and support understaffed areas



Support MAPP 2.0 and center community voice





Kane County CHA 2025

Estimated Completion: 12/31/2024

- Enter Project Details
- Select the Service Area
- Select the Benchmarks
- Upload Supporting Files
- Select Health Themes
- Add Topics**
- Data Collection Methods

Delete Project

Add Topics

Manage topics for each theme here. These are the topics we will review during secondary data analysis. We recommend choosing at least three topics per theme to ensure a well-rounded report.

Access to Care

Behavioral Health and Substance Use

Built Environment

Chronic Disease

Demographics

Food Access

Health Behaviors

Housing

Maternal and Child Health

Overall Health

Socio-economic Factors

Add an Topic to Chronic Disease

- Suggested:
- High cholesterol ✕
 - Newly diagnosed diabetes ✕
 - Arthritis ✕
 - HIV prevalence ✕
 - Community Need Score ✕

Current asthma ⓘ

Percent of adults (civilian, non-institutionalized population) who answer "yes" both to both of the following questions: "Have you ever been told by a doctor, nurse, or other health professional that you have asthma?" and the question "Do you still hav...



Have ever had cancer ⓘ

Percent of resident adults aged 18 and older who report ever having been told by a doctor, nurse, or other health professional that they have cancer (other than skin cancer). Data for counties and states are age-adjusted. Data for zips, tracts and...



Coronary heart disease ⓘ

Percent of resident adults aged 18 and older who report ever having been told by a doctor, nurse, or other health professional that they have angina or coronary heart disease. Data for counties and states are age-adjusted. Data for zips, tracts and...



Chronic kidney disease ⓘ

Percent of resident adults aged 18 and older who report ever having been told by a doctor, nurse, or other health professional that they have kidney disease. Data for counties and states are age-adjusted. Data for zips, tracts and smaller layers are raw.



Diagnosed diabetes ⓘ

Percent of resident adults aged 18 and older who report ever having been told by a doctor, nurse, or other health professional that they have diabetes, other than diabetes during pregnancy. Data for counties and states are age-adjusted. Data for zips,...



Asthma hospitalization rate ⓘ

Annual hospital admissions for asthma per 100,000 residents. Asthma is a condition in which the airways narrow and swell causing reversible obstruction. Risk-adjusted by age and sex. This is a Prevention Quality Indicator (PQI #15), a metric for...



Diabetes hospitalization rate ⓘ

Annual hospital admissions for diabetes per 100,000 residents. Diabetes mellitus is a chronic health condition in which the



PREVIOUS

Step 6 of 7

SAVE & CONTINUE

Kane County Quantitative Analysis

Automated Curation: All secondary data is curated automatically in Metopio.

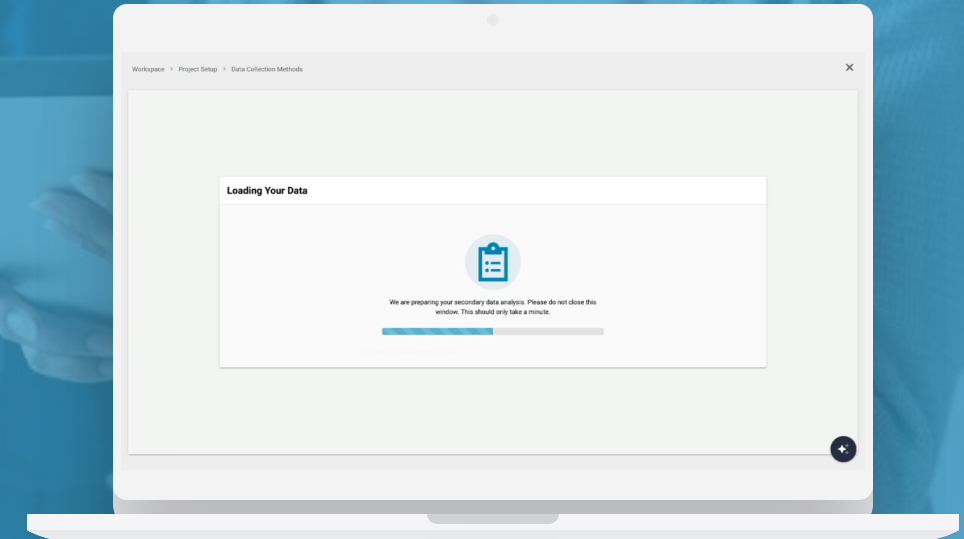
Theme Setting: Set your themes and get topics recommended.

Benchmarking: Assign benchmarks, including HP2030.

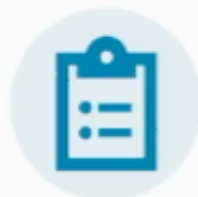
Visualization: Decide on visualization types.

Insight Generation: Create hundreds of insights (maps and charts) with data cited.

AI Captions: Generate high-quality captions automatically for a target audience.



Loading Your Data



We are preparing your secondary data analysis. Please do not close this window. This should only take a minute.

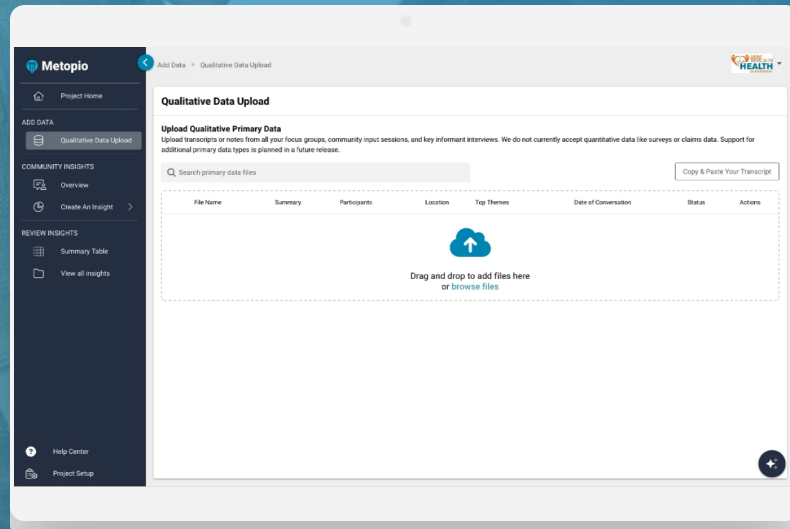


Estimated Time Remaining: 0:01



USE CASE: KANE COUNTY

Kane County Qualitative Analysis



Immediate Processing: Once data is collected, it can be analyzed on Metopio.

Transcript Parsing: Easily parse transcripts from community input.

Organize by Need: Organize data based on community needs.

Indicator Matching: Match qualitative data to indicators in the Metopio data library.

Direct Quotes: Extract direct quotes for impactful insights.

Sentiment Analysis: Conduct sentiment analysis to gauge community sentiment.

Editable: All analyses are human-editable and configurable for accuracy.



ADD DATA



COMMUNITY INSIGHTS



REVIEW INSIGHTS



Qualitative Data Upload

Upload Qualitative Primary Data

Upload transcripts or notes from all your focus groups, community input sessions, and key informant interviews. We do not currently accept quantitative data like surveys or claims data. Support for additional primary data types is planned in a future release.

[Copy & Paste Your Transcript](#)

File Name

Summary

Participants

Location

Top Themes

Date of Conversation

Status

Actions



Drag and drop to add files here
or [browse files](#)





Project Home

ADD DATA



Qualitative Data Upload

COMMUNITY INSIGHTS



Overview



Create An Insight >

REVIEW INSIGHTS



Summary Table



View all insights



Help Center



Project Setup

Summary Table

Prioritize Themes

Settings

Filter topics by name or theme

Topic	Kane County, IL	Illinois	United States	Highlights	HP 2030	Insights
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Overall Health

37

Mentions

Sentiment



71

Prioritize

Life expectancy ⓘ

years
2019-2021

80.3
±0.1

78.0
±0.0

76.1



Highest 10%

—

3

Poor self-reported physical health ⓘ

% of adults
2021

10.30
±0.84

10.25
±0.42

10.83
±0.08

Bottom 25%

—

2

Fair or poor self-reported health ⓘ

% of adults
2021

14.90
±1.35

14.63
±0.67

16.01
±0.13

Bottom half

—

2

Socio-economic Factors

31

Mentions

Sentiment



43

Prioritize

High school graduation rate ⓘ

% of residents
2022

87.17
±1.53

90.40
±0.31

89.63
±0.07

Bottom 25%

—

3

Any higher education rate ⓘ

% of residents
2022

64.29
±1.36

65.24
±0.27

63.55
±0.06

Top half

—

3

College graduation rate ⓘ

% of residents
2022

35.91
±0.98

37.68
±0.19

35.66
±0.05

Top half

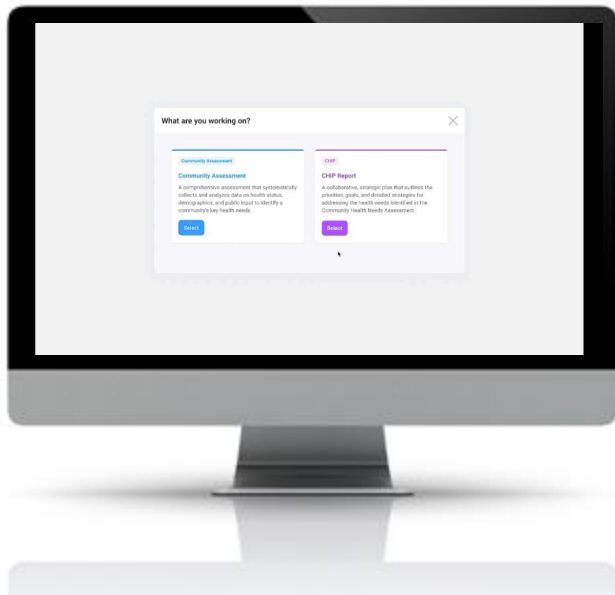
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3



Deploy AI to Go Further Faster

Metopio Use Case Examples



Complete Community Assessments:

- Juno analyzes health records, surveys, and demographics to assess community health needs.
- Real-time insights that provides up-to-date insights into current community conditions.



Create Community Health Improvement Plans:

- Data integration to identify health priorities and gaps.
- Strategic planning to formulate actionable strategies based on community needs.



Match Priorities to Evidence-Based Programs:

- Matches health priorities with effective, evidence-based programs.
- Prioritizes programs to address key health issues.



Measure Impact:

- Tracks and measures the effectiveness of health initiatives.
- Refines programs based on impact data.



Increase Data Literacy:

- Offers training to enhance data literacy among public health professionals.
- Provides intuitive tools for accessible data analysis.

What are you working on?



Community Assessment

Community Assessment

A comprehensive assessment that systematically collects and analyzes data on health status, demographics, and public input to identify a community's key health needs.

Select

CHIP

CHIP Report

A collaborative, strategic plan that outlines the priorities, goals, and detailed strategies for addressing the health needs identified in the Community Health Needs Assessment.

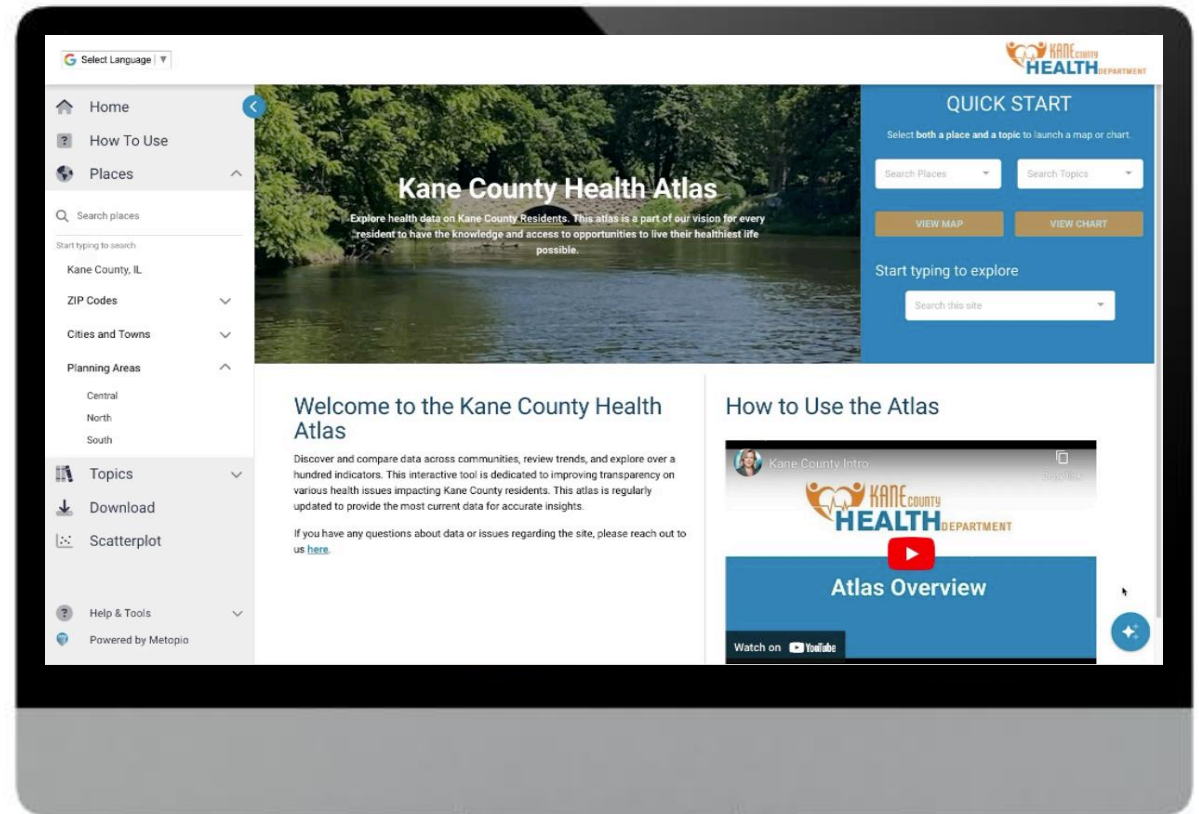
Select

Meet Juno

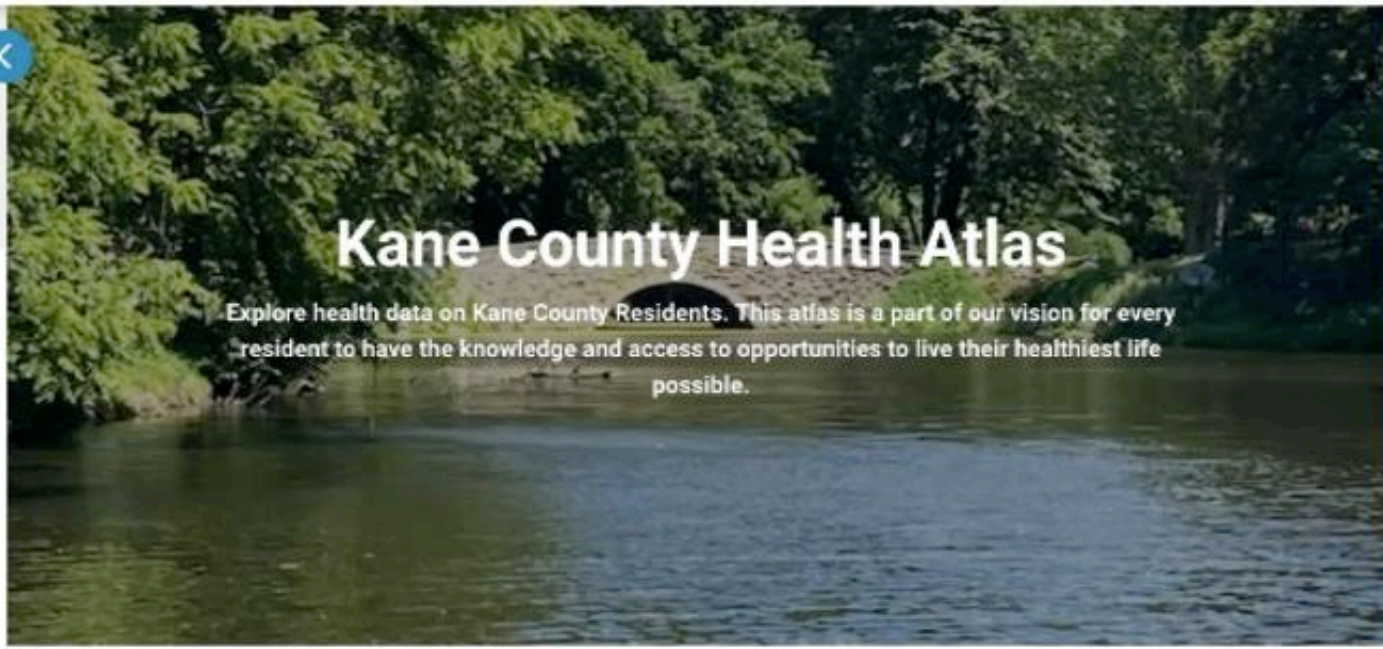
AI for Community Data Support

Juno is a chatbot designed to turn human questions into data answers.

- Easy entry point into a local Health Atlas
- Only provides verified information, never made up
- Context-aware, like a human conversational partner
- Lists what it found and cites its sources
- One click to turn Juno's answers into visualizations



- Home
- How To Use
- Places
 - Search places
 - Start typing to search
 - Kane County, IL
 - ZIP Codes
 - Cities and Towns
 - Planning Areas
 - Central
 - North
 - South
- Topics
- Download
- Scatterplot
- Help & Tools
- Powered by Metopio



QUICK START

Select both a place and a topic to launch a map or chart.

Search Places ▼

Search Topics ▼

VIEW MAP

VIEW CHART

Start typing to explore

Search this site ▼

Welcome to the Kane County Health Atlas

Discover and compare data across communities, review trends, and explore over a hundred indicators. This interactive tool is dedicated to improving transparency on various health issues impacting Kane County residents. This atlas is regularly updated to provide the most current data for accurate insights.

If you have any questions about data or issues regarding the site, please reach out to us [here](#).

New Image??

How to Use the Atlas



Atlas Overview

Watch on YouTube



Metopio's Discernment of AI

Integrating Risk Mitigation Strategies

- **Data Privacy and Security:** Ensuring AI protects or does not have access to confidential data.
- **Bias Mitigation:** Using diverse and representative training datasets.
- **Validation and Testing:** Rigorous testing and feedback loops.
- **Regulation and Compliance:** Adhering to legal and ethical standards.
- **Accuracy:** Minimize or eliminate incorrect answers through engineering.





Metopio

Thoughtfully designed AI tools can help expedite insights, giving you more time for the work you love

For more information, contact Metopio at hello@metopio.com