

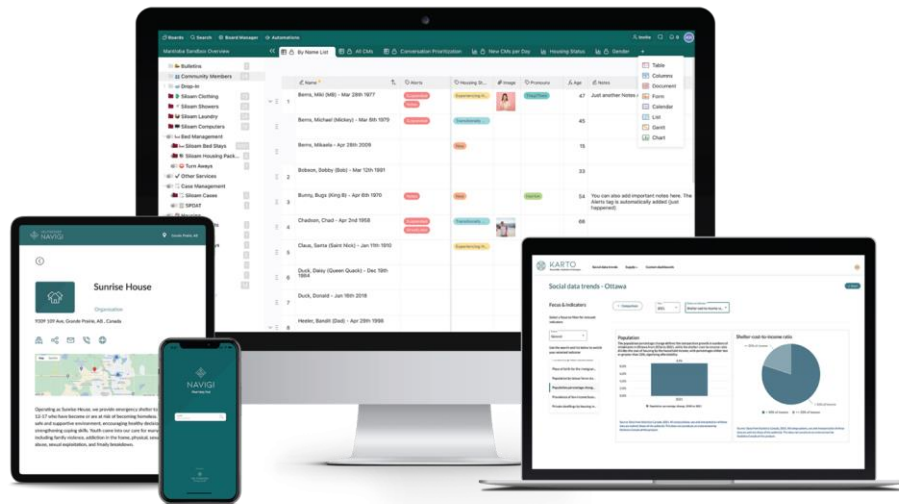


HELPSEEKER
TECHNOLOGIES

HelpSeeker.org

Leveraging LLMs in Social Sector Decision-Making for AI-Enabled Upstream Solutions to Homelessness

Matt Parker & Jesse Donaldson



How many have used
Chat GPT?

How many of you trust
Chat GPT?

How confident would you be in
using ChatGPT to provide you
with a tasty stew recipe?

How many of you use it
regularly in your work?

How confident would you be in
using ChatGPT to provide effective
and equitable solutions to
homelessness?

The Rise of Generative AI and LLMs in Technology

Generative AI and LLMs mark a new era in technology, transforming how we interact with data.

- Opens up possibilities on data and insights
- Allows for greater understanding of surrounding context
- Powerful for democratization of data



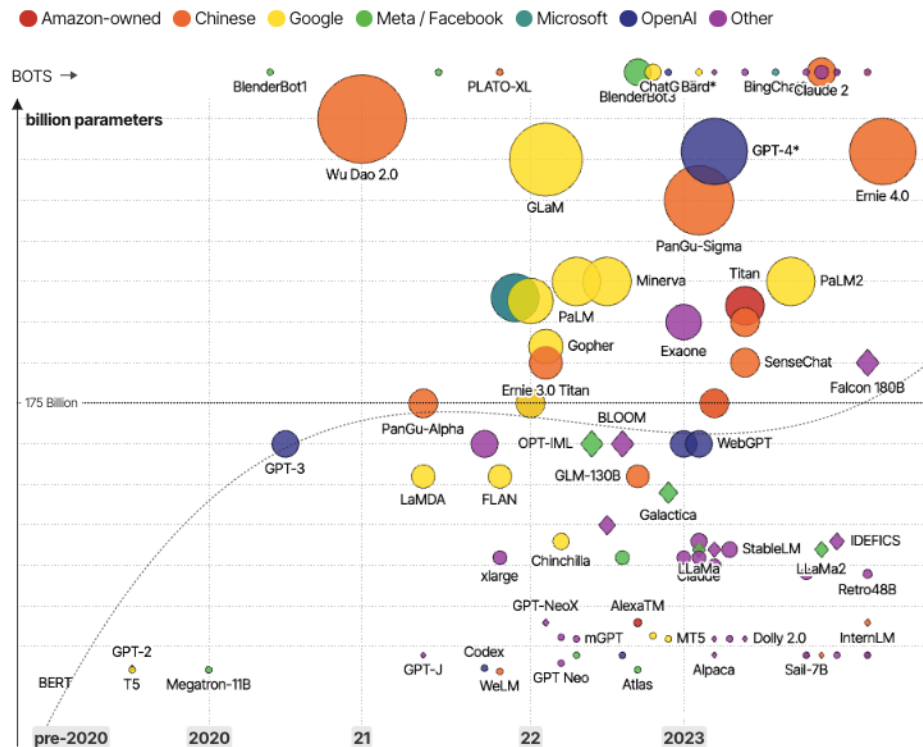
What Are LLMs?

Definition

Large Language Models (LLMs) are advanced AI algorithms designed to understand, generate, and interpret human language at scale.

They are trained on vast amounts of text data, learning patterns, nuances, and the complexity of language

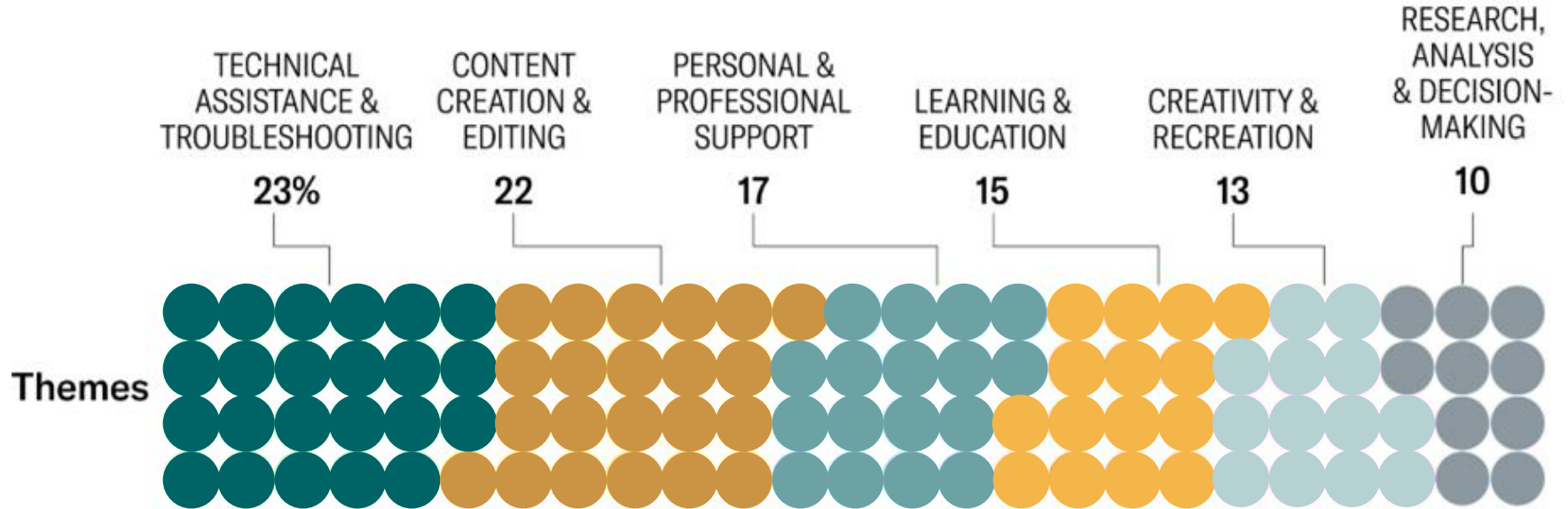
The Rise and Rise of A.I. Large Language Models (LLMs) & their associated bots like ChatGPT



David McCandless, Tom Evans, Paul Barton
Information is Beautiful // UPDATED 2nd Nov 23

source: news reports, [LifeArchitect.ai](https://lifeaiarchitect.ai)
* = parameters undisclosed // see [the data](#)

Hype vs Reality



The top 100 use cases as reported by users on Reddit, Quora, and other forums.HBR. How People are Really Using GenAI.

How the Models Work



Words = Math

Heavily utilizes mapping relationships between words with fancy math



Dependence on Training Data

The data the LLMs have been trained on affect the output (e.g. toxicity)



Most Likely Answer

Doesn't depend on providing the 'right' answer, but the most likely data



Processing Power

Heavily reliant on massive amounts of computer hardware

Improvement of LLMs



Often trained to be generalizable versus strong on a specific task, for increased accuracy or improved results you often have to modify the LLM

1.

Fine-tuning

Using pre trained LLM train it further on a smaller and more specific dataset (only modify weights)

2.

Prompt Engineering

Optimizing the language and arrangement of the query to provide optimal results

3.

Reinforcement Learning

Creates a 'reward' system (often based on human feedback) for answering questions correctly

Leveraging LLMs in Social Policy

LLMs could enable social infrastructure decision-makers to ask questions and get personalized answers to complex social issues

The challenge? Commonly used training data isn't trained to understand or interpret social data.

1.

LLMs may reflect and amplify biases present in their training data

2.

Risk of generating inaccurate or misleading information due to gaps in data

3.

Potential for generating toxic or harmful content if not carefully monitored

4.

Challenges in ensuring the reliability of responses for critical decision-making

5.

Difficulty in customizing LLM outputs to specific social contexts without expert intervention



Creating an LLM for the Social Sector Leader

We're leveraging a collective 60+ years social policy experience to train our LLM, ensuring it's prepared to provide personalized and appropriate responses to the most complex social issues.


Inputs*

- Hundreds of systems planning frameworks
- Policy analysis frameworks
- Media analysis reports
- Public datasets
- HelpSeeker tools and templates
- Academic research findings
- Social strategies

Automated Analysis

This excerpt from the HelpSeeker LLM provides an census profile related to recreation (*can be any topic*) for Ottawa (*can be any city*), generated instantaneously.

How many hours would this save a policy analyst to writing a research paper?



Exploring Recreation and Community Engagement through census data, which lacks direct recreational information, infers needs from demographic and socio-economic indicators, such as population growth, diversity, and economic status, to suggest the need for diverse and accessible programs. Data on ethnicity, language, and age inform tailored, inclusive recreational offerings, while emphasizing the importance of additional data and community input to address preferences and barriers effectively, aiming to enhance community well-being and cohesion with culturally relevant activities.

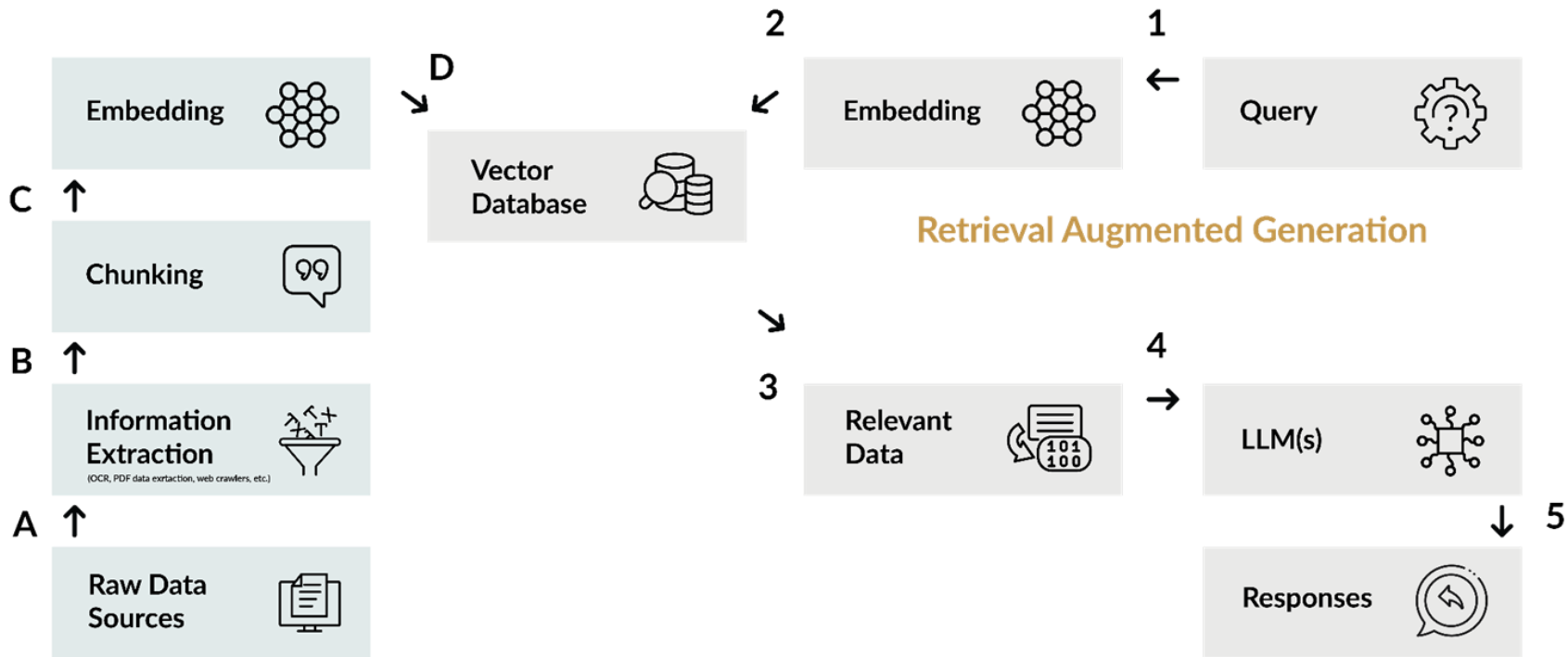
Census data from 2016 to 2021 for Edmonton, Alberta, and Canada highlights Edmonton's higher population growth (8.43%) compared to Alberta (4.81%) and Canada (5.23%), and a unique housing trend with a slight increase in primary dwelling types, suggesting lower housing density. Edmonton's aging population mirrors provincial and national trends, with those 65 and over growing to 13%.

The city's mover rate (9.3%) exceeds Alberta (5.3%) and Canada (5.6%), indicating higher mobility. Indigenous and immigrant populations in Edmonton grew more than provincial and national averages, reflecting greater cultural diversity. Other demographic shifts, including income, marital status, family structures, languages, religions, and lone parent households, provide insights into evolving recreational needs and preferences, highlighting the importance of understanding demographic changes for planning inclusive recreational programs.....



Retrieval Augmented Generation (RAG)

Large Language Models (LLMs)



Data Preparation



Curating a Knowledge Base

There is a large amount of disparate data, that is not connected but is useful for analyzing the sector



Research Articles

It is a challenge to keep up to date with research.



Specific Datasets

Numerous public datasets (e.g. crime data) are underutilized but can be a challenge to prep and link to others



Standard Datasets

Common datasets are simple to reuse (e.g. census) but can be a challenge to link them to others



Media and Policy

Media coverage, and changing policy landscapes can be a challenge to manage

RAG in Action

How LLMs can work with High Quality Data

To reduce issues you can link the LLMs to high quality Knowledge bases, or curated data, to provide answers tailored to your needs.

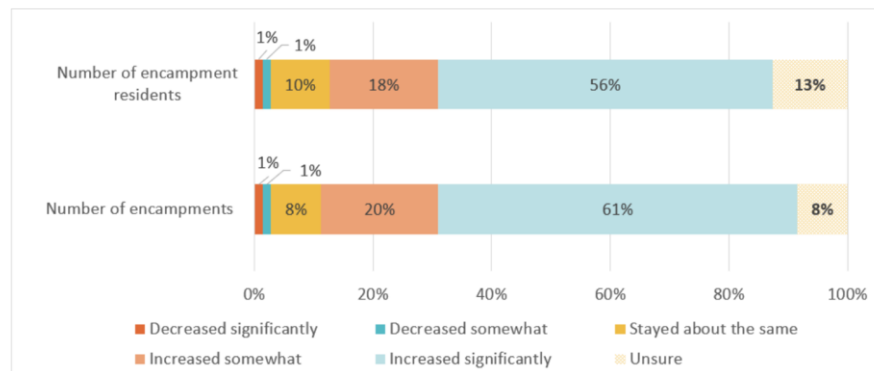
EXPERIMENTING WITH THE KNOWLEDGE BASE

Homelessness Data Snapshot: Findings from the 2022 National Survey on Homeless Encampments

Encampment trends and COVID-19

The majority of respondents reported increases in the population size and number of encampments since the beginning of the COVID-19 pandemic (75% and 80%, respectively ¹⁰), and 63% of respondents indicated that the population size and/or number of encampments “increased significantly” (Figure 1). The increase was most pronounced in urban communities.

Figure 1. Change since the beginning of the COVID-19 pandemic (N=71) ¹¹

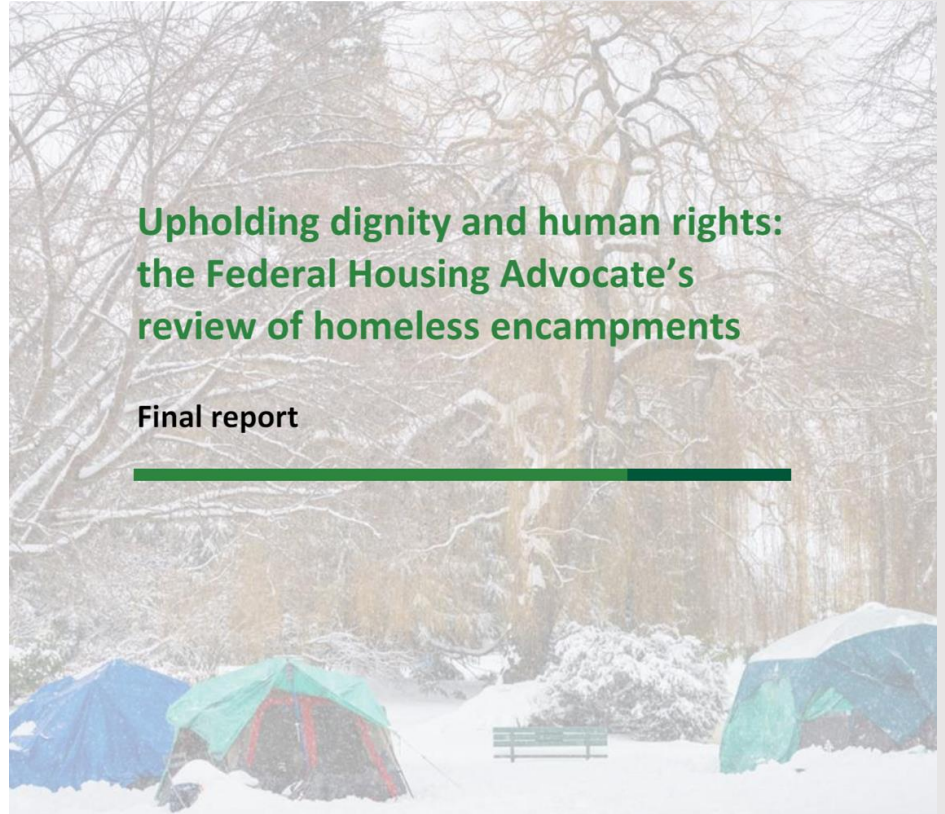


► Figure 1 - Text version

According to survey respondents, addressing homelessness in encampments has become a higher priority since the COVID-19 pandemic among both the local homeless-serving sector and the general public (Figure 2). However, within a given community, reported concerns around encampments tended on average to shift more drastically among the general public than within the local homeless-serving sector. This may be partly attributable to the effects of the pandemic, namely that encampments may have become more visible to the public in some communities, or that workers in the sector may perceive that the general public has been more vocal in expressing concerns about encampments through print, social media, and public forums in recent years.

EXPERIMENTING WITH THE KNOWLEDGE BASE

Upholding dignity and human rights: the Federal Housing Advocate's review of homeless encampments



EXPERIMENTING WITH THE KNOWLEDGE BASE

Public Health Toolkit For Encampment Responses



PUBLIC HEALTH TOOLKIT FOR ENCAMPMENT RESPONSES

EXPERIMENTING WITH THE KNOWLEDGE BASE

Understanding Encampments of People Experiencing Homelessness and Community Responses

the best strategies to address this growing phenomenon. Approaches vary along many dimensions but can be broken into four basic categories, as described in Exhibit 3. Specific activities range from sending police to quickly clear (“sweep”) the encampment—providing little or no support to help people find another place to stay—to formally sanctioning encampments and providing onsite services.

Communities commonly use more than one response at a time to manage encampments, depending on resource availability, the location of encampments, and the characteristics of people congregating in encampments. For example, Las Vegas has created the Courtyard, a one-stop resource center that includes secure space to sleep outside, but it also deploys outreach teams that include law enforcement officers to clear encampments. Jurisdictions within the same region may adopt different strategies to address encampments. According to key informants helping communities to develop responses to encampments, communities may need to use a variety of approaches at the same time to serve populations that have different needs. When those efforts are not well coordinated across departments or neighboring jurisdictions, however, they may act at cross-purposes. For example, a jurisdiction that clears encampments, with little notice and no support, may undermine efforts to build relationships and trust in a neighboring jurisdiction that tacitly approves encampments.

Exhibit 3. Typology of Responses to Encampments

Category	Characteristics
Clearance With Little or No Support	<ul style="list-style-type: none">• Notice of pending sweeps provided only a few days in advance, if at all• Belongings stored for a short period of time, if at all• Few or no shelter or service referrals provided• Regulatory or physical barriers to secure the site of the former encampment and keep it from being reoccupied
Clearance With Support	<ul style="list-style-type: none">• Notice of pending sweeps provided weeks in advance, often by trained outreach workers who have experience working with people experiencing unsheltered homelessness



EXPERIMENTING WITH THE KNOWLEDGE BASE

Karto Signals: Shifting Responses to Encampments

events related to encampments across the country, under scoring moments when public attention was significantly drawn to this issue. The chart not only reflects the growing general interest in encampments but also indicates how specific incidents and media coverage can drive national conversation and awareness.

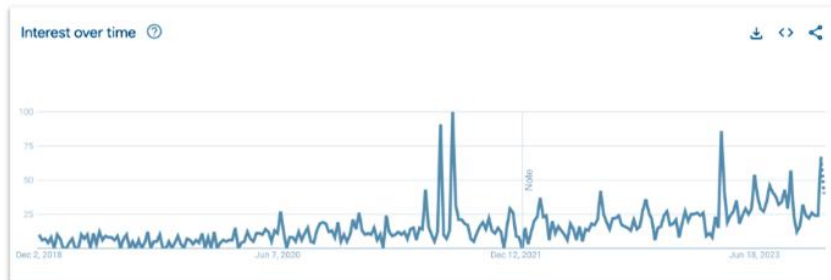


Figure 3: "Google Trends Data on 'Encampment' Searches in Canada (Past 5 Years). This chart illustrates the relative search interest for the term 'encampment' over the last five years in Canada. A value of 100 indicates peak popularity, while a value of 50 signifies half as much popularity. Scores are based on comparative search interest, with a score of 0 indicating insufficient data for the term.

June 20-26, 2021: This spike is linked to the clearing of encampments in Toronto. Significant police and city crew involvement was reported at Trinity Bellwoods Park on June 22, 2021, where 20 to 25 people were living in the encampment. Another encampment clearing operation was also reported at Alexandra Park in Toronto around the same time.

July 18-24, 2021: A notable spike occurred during this period, likely related to the clearing of an encampment at Lamport Stadium in Toronto on July 21, 2021. The city spent nearly \$2 million on clearing encampments, which was a significant event covered by various media outlets.

April 2-8, 2023: News sources reported city staff and police dismantling tents in the Downtown Eastside neighborhood of Vancouver during this period.

June 18-24, 2023: Around this time, British Columbia was pushing forward changes in encampment injunctions despite resistance from municipalities. This legal and political development regarding encampments likely contributed to the spike in searches.

September 10-16, 2023: In this period, the focus was on the Canadian Human Rights Commission calling

RAG in Action



Using LLMs or RAG

Too often a

Black box

And unable to understand

Different Questions, Different Input

1.

Why have the number of encampments increased?
(Signals pg 7)

Economic instability, lack of affordable housing, addiction & mental health, insufficient services, policy/law changes

2.

What have people in encampments mentioned as reasons for living in encampments?
(USDH pg 9)

Unemployment, lack of affordable housing, desire for independence, need for community

3.

Are the needs of an encampment specific to a city or general?
(Signals pg 21)

Universal needs, but also city specific needs such as appropriate shelter in the cold, local laws and regulations dictate specific needs

Understanding the Output



Answer Relevance

How close is the answer provided to what it should be?



Context Relevance

How relevant is the information the LLM pulled from your knowledge base



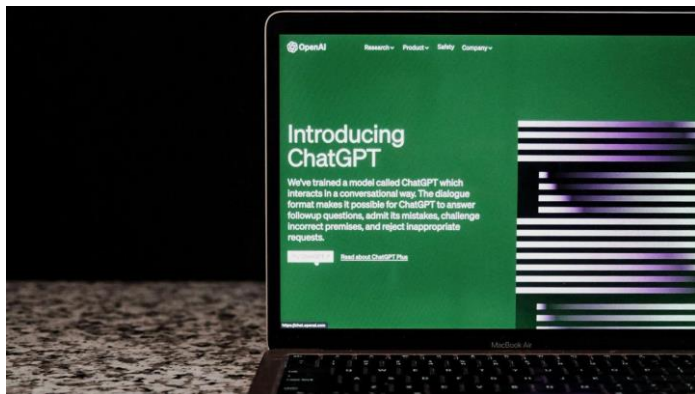
Groundedness

How much of the answer was pulled from the knowledge base?

Practical Application

	app_id	input	output	Answer Relevance	Context Relevance	Groundedness
0	sentence window engine 4	"How have the number of encampments changed with COVID 19?"	"The number of encampments has significantly increased since the beginning of the COVID-19 pandemic, with 61% of communities experiencing a considerable rise in the number of encampments. Additionally, 20% of communities noted a moderate increase in encampments. Only a small fraction, 1%, reported a significant decrease in the number of encampments."	0.90	1.00	1.00
1	sentence window engine 4	"How have encampments changed with COVID 19?"	"During the COVID-19 pandemic, there was a significant increase in both the number of encampments and their populations across communities. Specifically, 61% of communities experienced a considerable increase in the number of encampments, and 56% saw a similar rise in the number of residents within these encampments. Additionally, 20% of communities reported a moderate increase in both the number of encampments and their populations. However, only a small fraction, 1%, reported a significant decrease in these numbers."	1.00	0.95	1.00
2	sentence window engine 3	"How have the number of encampments changed with COVID 19?"	"The number of encampments has significantly increased since the beginning of the COVID-19 pandemic, with 61% of communities experiencing a significant increase in the number of encampments and 56% reporting a similar increase in residents. Additionally, 20% of communities noted a somewhat increase in encampments, and 18% in residents. Only a small fraction, 1%, reported a significant decrease in the number of encampments."	1.00	0.90	1.00
3	sentence window engine 3	"How have encampments changed with COVID 19?"	"Since the beginning of the COVID-19 pandemic, 61% of communities have experienced a significant increase in the number of encampments, and 56% have reported a similar increase in the number of residents within these encampments. Additionally, 20% of communities noted a somewhat increase in the number of encampments, and 18% observed a somewhat increase in the number of residents. Conversely, only 1% of communities reported a significant decrease in both the number of encampments and their resident populations."	1.00	0.90	1.00
4	2 Layer Automerger	"How have the number of encampments changed with COVID 19?"	"The number of encampments has significantly increased during the COVID-19 pandemic. Research data shows that 61% of communities in Canada experienced a considerable increase in encampments, with 56% reporting a similar rise in residents within these encampments. Additionally, 20% of communities experienced a moderate increase in both aspects. Only a small fraction (1%) reported a significant decrease in encampments. This period of heightened growth, coupled with the public health challenges posed by the pandemic, brought increased scrutiny and urgency to the issue of encampments."	1.00	0.90	1.00
5	2 Layer Automerger	"How have encampments changed with COVID 19?"	"Encampments have experienced a significant increase in both their numbers and populations since the COVID-19 pandemic. Research data shows that 61% of communities in Canada saw a considerable increase in encampments, with 56% reporting a similar rise in residents within these encampments. Additionally, 20% of communities experienced a moderate increase in both aspects. Only a small fraction (1%) reported a significant decrease. This period of heightened growth, coupled with the public health challenges posed by the pandemic, has brought increased scrutiny and urgency to the issue of encampments."	0.90	0.75	1.00

Comparison



Chat GPT with Bing Search Produces a decent answer, **BUT** relies heavily on news articles that are more opinion based

ChatGPT

The number of homeless encampments has visibly risen since the beginning of the COVID-19 pandemic, indicating a significant impact on homelessness across various regions. A report from Infrastructure Canada based on findings from the 2022 National Survey on Homeless Encampments highlighted a notable increase in the urgency attributed to encampment homelessness both by the local homeless-serving sector and the general public since the pandemic began. The survey revealed that restrictive rules and eligibility criteria at shelters, shelters being at or over capacity, and safety and security concerns in shelters were among the key reasons why people chose encampments over shelter systems. Additionally, a lack of affordable, safe, stable, and suitable housing, along with local mental health and/or addictions crises, were identified as drivers of encampment use [7].

The "Housing First" approach has been emphasized as a necessary strategy to address the rise in homeless encampments in Canada. This approach prioritizes providing housing as the foremost need of people experiencing homelessness, with additional services such as childcare, drug addiction treatment, or medical care provided after housing needs are met. Most of Canada's populous municipalities have seen the emergence of at least one encampment since March 2020. The federal government's Reaching Home program aims to reduce chronic homelessness by 50% by 2028, having already prevented over 62,000 people from becoming homeless and placed nearly 32,000 people experiencing homelessness into housing [7].

However, challenges remain, including the capacity and rules of shelters, the availability of long-term housing solutions, and the need for a coordinated effort across all levels of government to adopt and effectively implement the "Housing First" approach. The approach has shown success in places like Finland, where shelters have been converted into long-term affordable housing, highlighting the potential for significant improvements in addressing chronic homelessness [7].

For more information, check out these [search results](#).

Practical Application

output	Answer Relevance	Context Relevance	Groundedness
"The number of encampments has significantly increased since the beginning of the COVID-19 pandemic, with 61% of communities experiencing a considerable rise in the number of encampments. Additionally, 20% of communities noted a moderate increase in encampments. Only a small fraction, 1%, reported a significant decrease in the number of encampments."	0.90	1.00	1.00



ChatGPT

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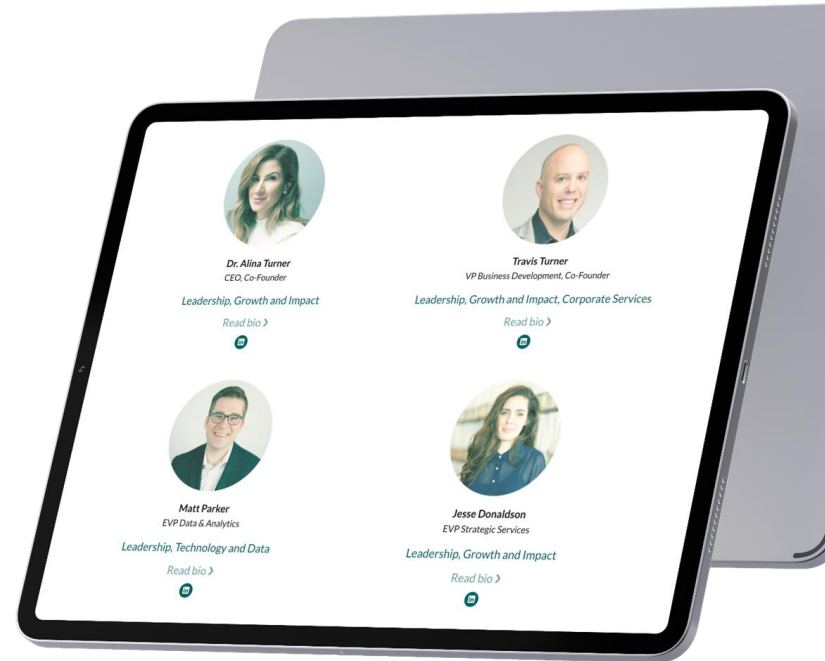
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Discover More & Connect with Our

Interested in learning more?
Experts

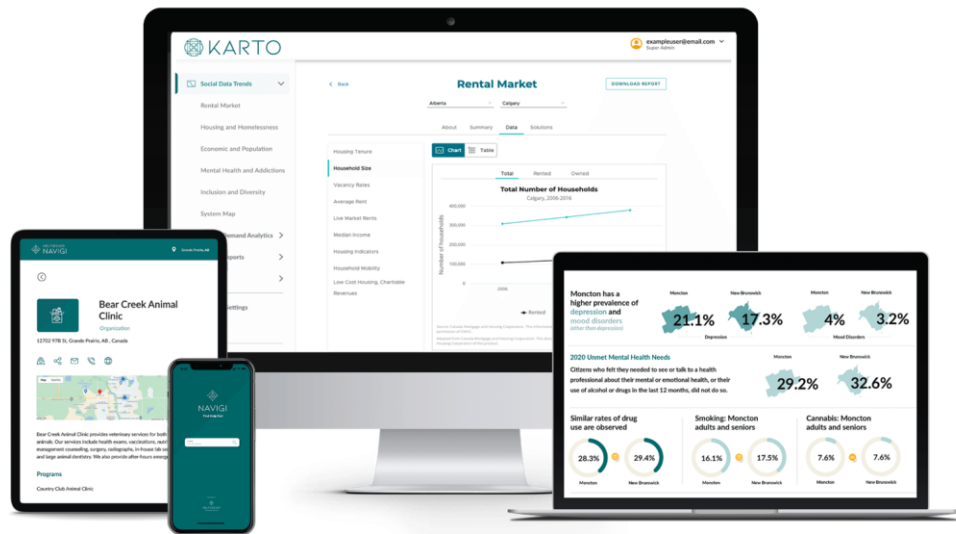
[Book a Meeting Now](#)

mattparker@helpseeker.org

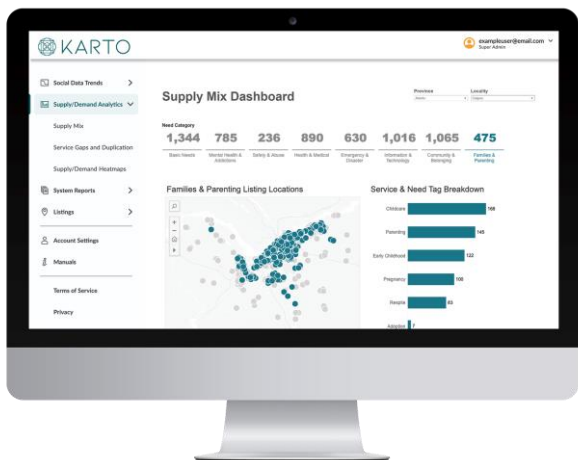


Data, Software, and Strategy for Breakthrough Social Impact

Our products, services, and experts, save you time, effort, and significant financial resources, allowing you to focus on what really matters – making a difference.



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resources, allowing you to focus on what
really matters – *making a difference.*



Streamlining Social Data for Impactful Change

Karto is the quintessential platform for anyone seeking to transform communities through data-driven decision-making.

Designed to Empower Users

Community Planners

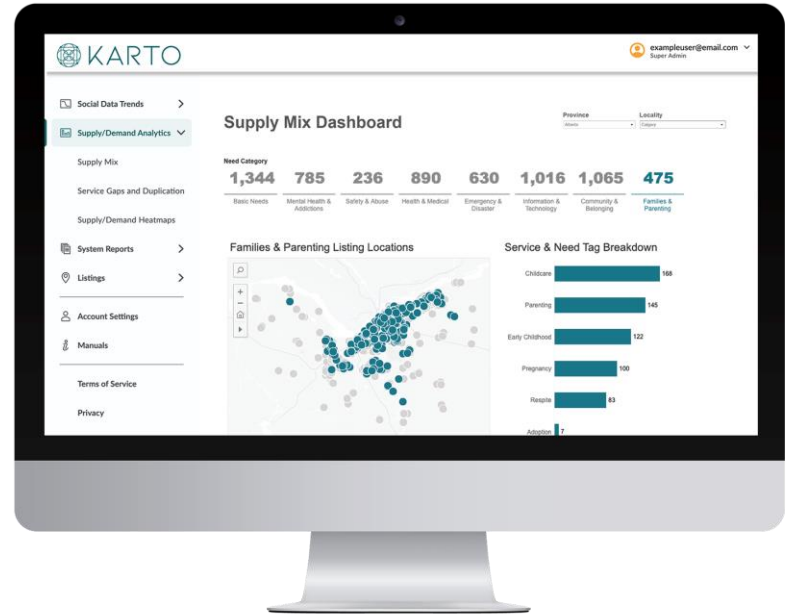
Policymakers

Non-profit Organizations

*– with comprehensive insights, trends,
and analytics for strategic community
planning, funding, and social
improvement initiatives.*

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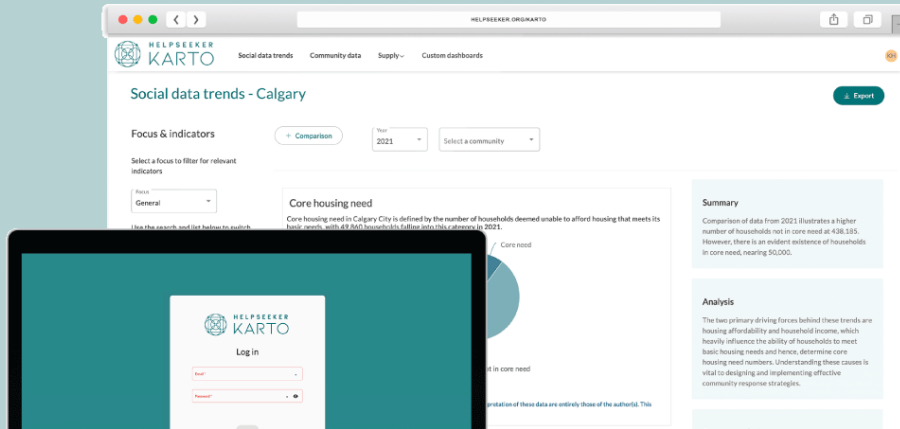
Designed to Empower Users

from Community Planners to Policymakers to
Non-profit Organizations – with comprehensive
insights, trends, and analytics for strategic
community planning, funding, and social
improvement initiatives.

One-Stop Data Hub

Karto consolidates diverse social data from many sources into a single, accessible software.

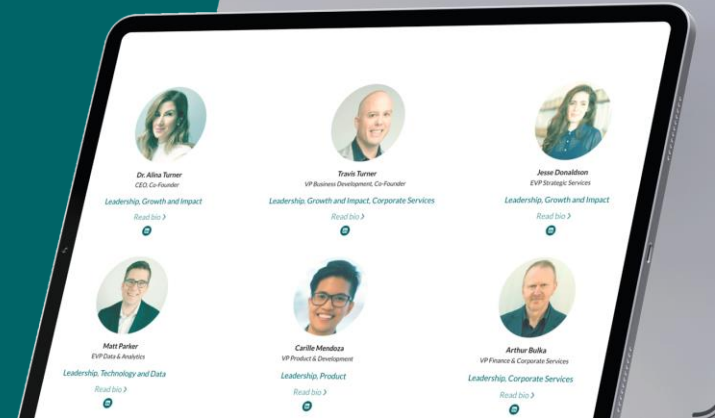
This centralized approach eliminates the hassle of sourcing information from multiple locations, saving you time, money, and resources.



Access Social Experts

Karto transcends a traditional data platform.

It's a holistic solution that also pairs you with our team of social experts, who will support you in solving the most complex social issues.





Data-Driven Community Planning

With Karto, understanding the specific social support and services needed in your community becomes crystal clear.

The platform gives you a clear view of current trends and future needs and highlights gaps or overlaps in existing social services.

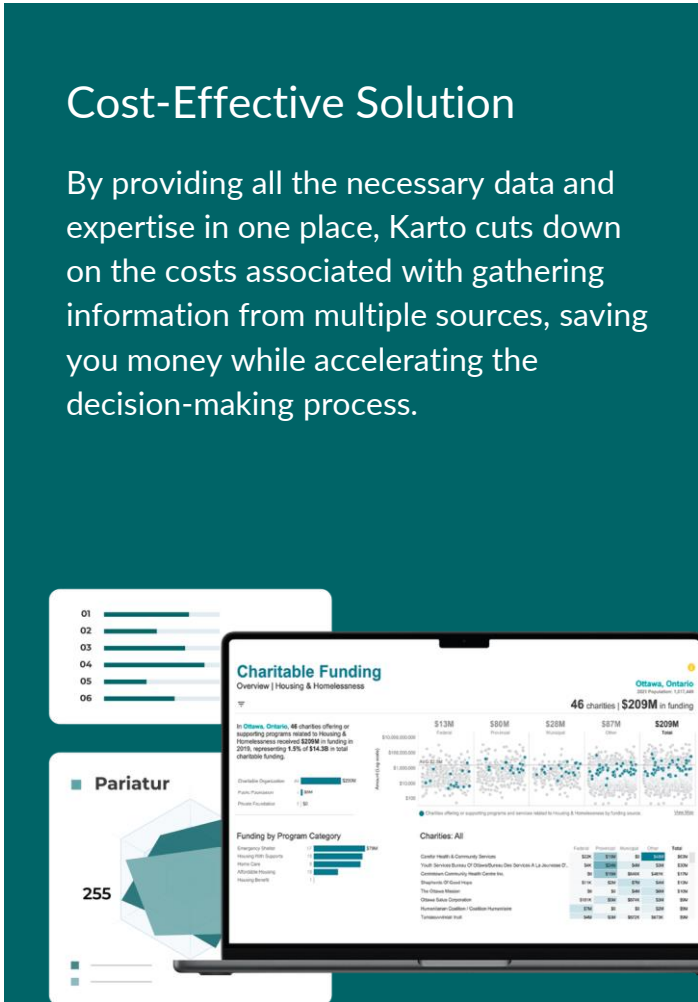
This level of insight is crucial for effective community support planning.

Cost-Effective Solution

By providing all the necessary data and expertise in one place, Karto cuts down on the costs associated with gathering information from multiple sources, saving you money while accelerating the decision-making process.

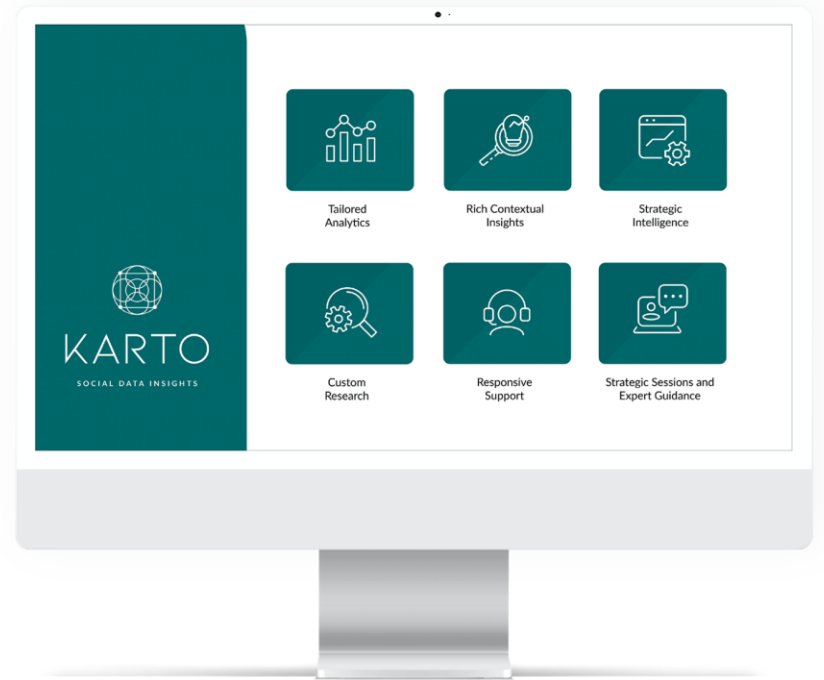
Guiding Policy Decisions

The insights derived from Karto are not just numbers and graphs; they are powerful narratives that drive policy decisions. Users can shape impactful policies by understanding their communities' real needs and trends.



Karto is more than a tool.

It's your partner in fostering vibrant, well-supported communities. With Karto, every decision is an opportunity to make a meaningful difference.

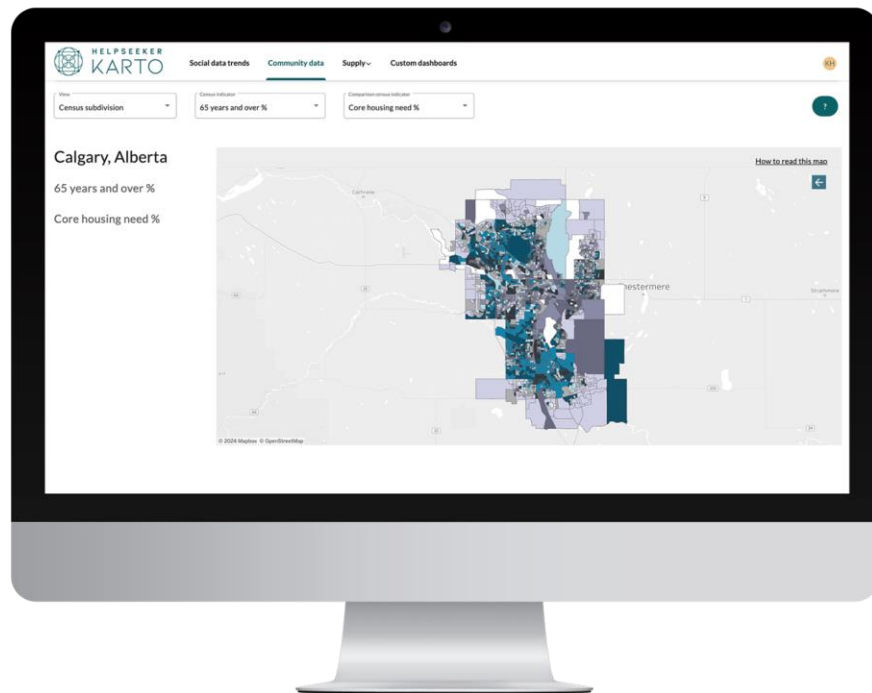




KARTO

Karto is more than a tool.

It's your partner in fostering vibrant, well-supported communities. With Karto, every decision is an opportunity to make a meaningful difference.



What can I use my monthly Strategic Tickets for?

Tasks ideal for your Solutions Partner are those that would typically take you 4-5 hours

Council briefings on an emerging social issue.

Literature reviews on any topic.

Frameworks for responding to urgent issues.

Media releases.

Social risk analysis.

Data cleaning.

Simple data analysis.

Measurement frameworks for social issues.

Presentations (content only).

and more.

What topics do the Custom Data Briefings cover?

We use the latest academic research and data at national, provincial, and local levels, including media and reports, to offer insights into a chosen topic.

Topic ideas:

- Homelessness
- Social inclusion
- Substance use
- Age-friendly strategies
- Mental health
- Poverty
- Child and youth



NAVIGI

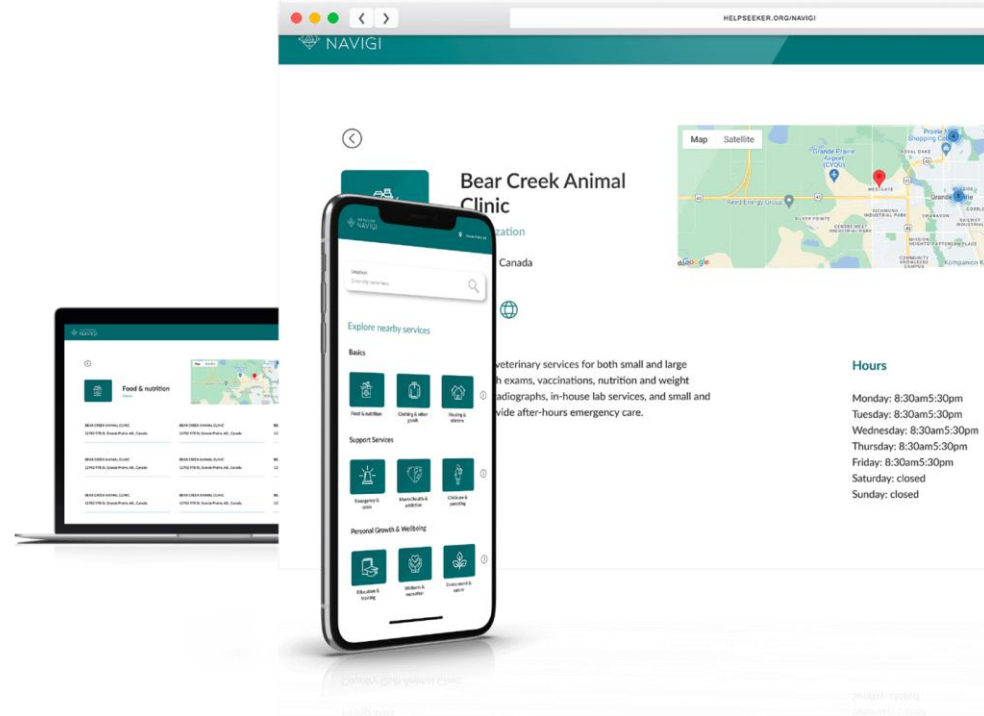
Your Compass to Social Services.

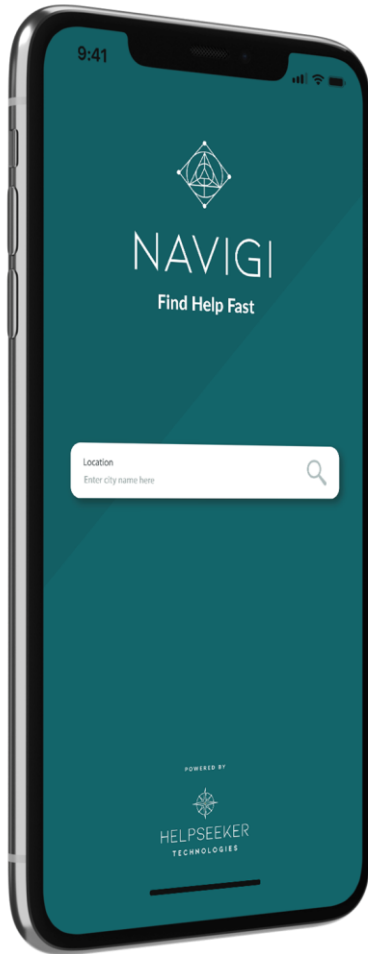
Navigi is the go-to search engine for anyone looking for available social services and support systems in their community.

It's especially beneficial for those seeking immediate assistance like shelter or food banks.

The search engine has access to diverse social services, ensuring everyone can get the help they need.

Other Product Offerings





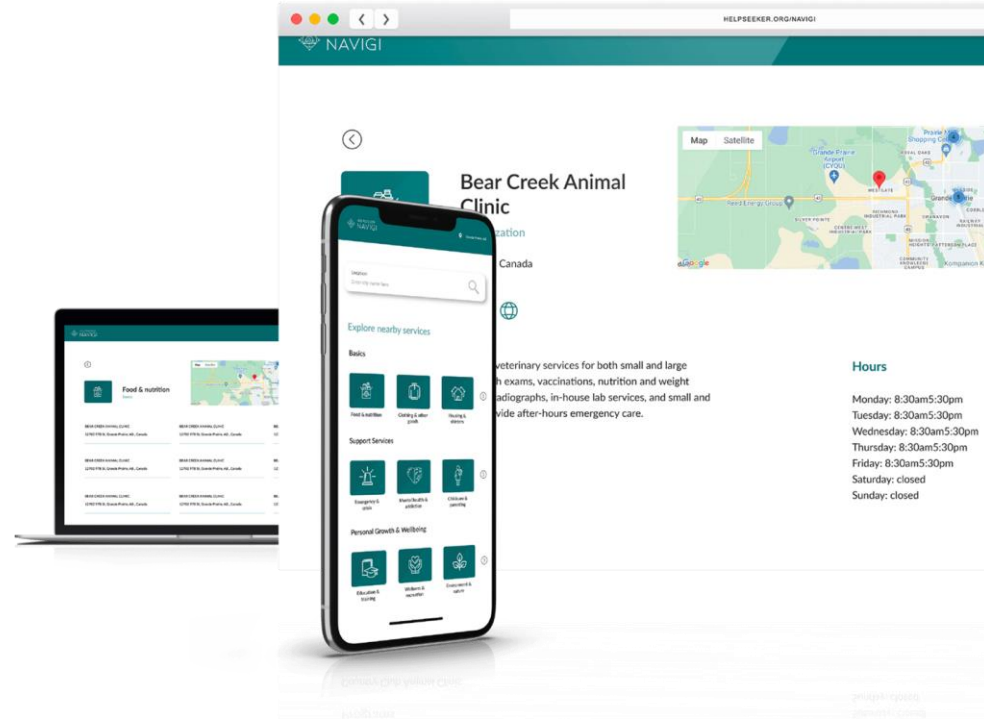
Your Compass to Social Services.

Navigi is the go-to search engine for anyone looking for available social services and support systems in their community.

Easy Access to Social Services

Navigi makes finding social services simple.

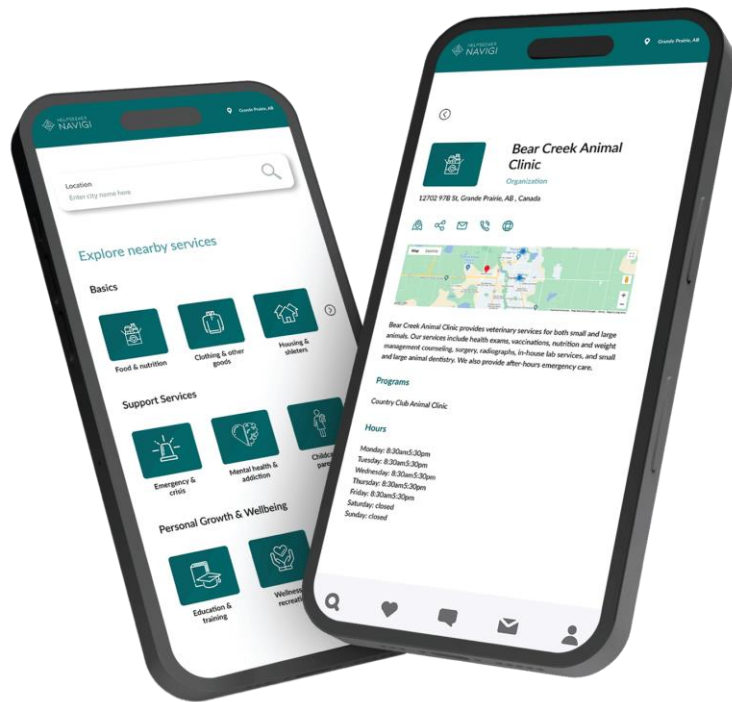
Whether you're looking for housing assistance, food banks, mental health support, financial aid, or resources for dealing with addiction and domestic violence, Navigi puts them on a map and guides you to the right places quickly and efficiently.



Comprehensive Support Network

From economic aid to domestic and mental health support, Navigi encompasses a broad spectrum of social services.

It's a single destination for various forms of social assistance, eliminating the need to search multiple sources.





Client Data Management and Reporting Across Systems of Care.

Privacy-by-design product that allows organizations to create a fully customizable user experience across systems and accelerate collective impact.

Help track client data and measure the impact of organizational and team efforts. Enable the safe sharing of client information across organizations to speed up referrals, and match clients to the right service faster and accelerate collective impact.

The screenshot displays the Mareto dashboard interface. At the top, there is a search bar labeled "Filter Boards" and a dropdown menu for "Mareto - HelpSeeker ...". A "6 Members" indicator is visible in the top right corner. The main area contains a grid of eight boards, each with a title, a person icon, and a document icon:

- Homeward Trust Coordinated Access**: 4 people, 49 documents
- Indigenous Coordinated Access**: 4 people, 22 documents
- Palix Projects**: 1 person, 1 document
- Emergency Shelter System Template**: 1 person, 41 documents
- Shelter List**: 1 person, 0 documents
- Food Items List**: 1 person, 0 documents
- Client Notification List**: 1 person, 0 documents
- My Private Stuff**: 2 people, 0 documents

Below the grid is a large grey button with a "+" sign. A dialog box titled "Change This Board's Sharing Options" is overlaid on the bottom right, with a dashed arrow pointing from the "My Private Stuff" board to it. The dialog contains the following text and options:

Use these options to change this board's settings for guests.

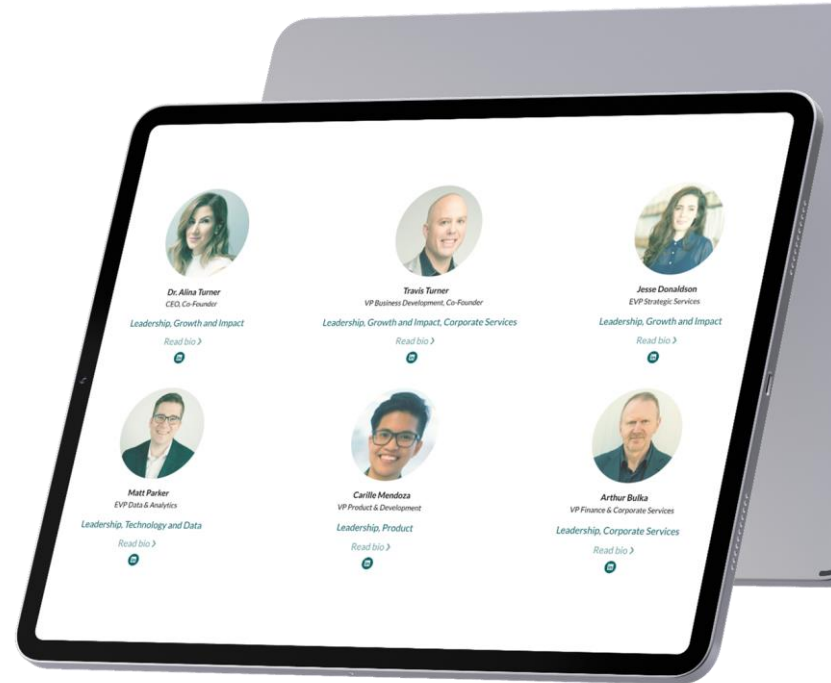
- Board is public**
When "Board is public" is toggled, users that are not members of this board will be able to see it.
Anyone with the link will have access to this board.
- Remove password protection**
Enter new password
There is no password set, anyone will have access.

Discover More & Connect with Our

Interested in Transforming
Experts
Your Community Planning?

Book a Meeting with Our Experts to
Explore How Karto Can Benefit You

[Book a Meeting Now](#)



Insert Heading Here

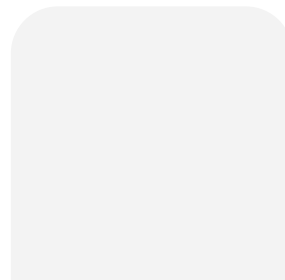
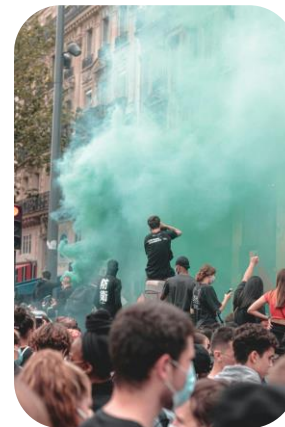
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Timeline or List

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1.

Preparation and Evaluation

Estimated Completion: Jan - Mar

2.

Community Engagement

Estimated Completion: Mar - Oct

3.

Development

Estimated Completion: Oct - Dec

4.

Finalize the Plan

Estimated Completion: Dec - Feb

Section Title

Subtitle or brief description of section



Section Title



HelpSeeker Technologies

Agenda

Overview

Goal Setting

Strategic Trends

Custom Briefings

Karto Signals

Onboarding & Post Onboarding



SECTION NAME - OR TAB TITLE

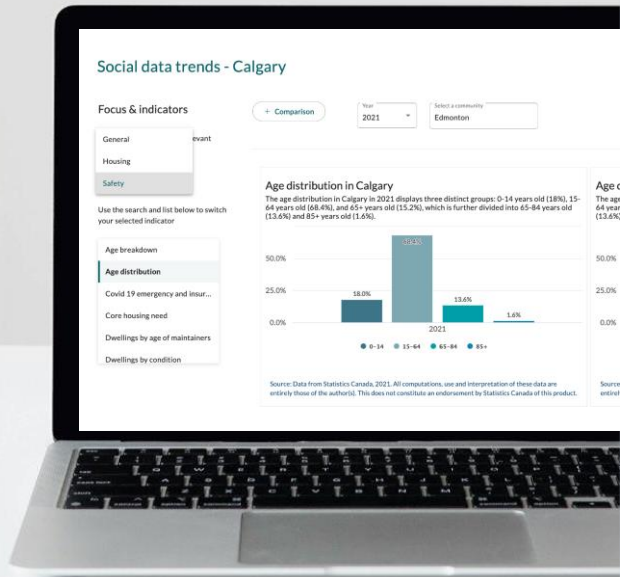
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Bar graph



Bar graph



Bar graph



SECTION NAME - OR TAB TITLE

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We helps you create, grow and foster connections with your customers. And we think we're pretty good at it.



Your Service

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SECTION NAME - OR TAB TITLE

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How are the residents of Burnaby really impacted by this changing safety and well-being landscape?



Headlines don't capture the full scope of safety perceptions in Burnaby



Everyday perception of safety, from walking to work to home life, are deeply personal



Individuals' safety experiences are influenced by demographics, personal history, and support networks

SECTION NAME - OR TAB TITLE

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Brief

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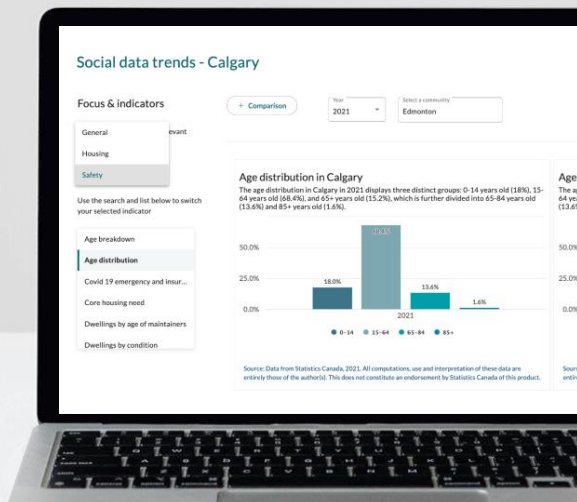


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Opportunity

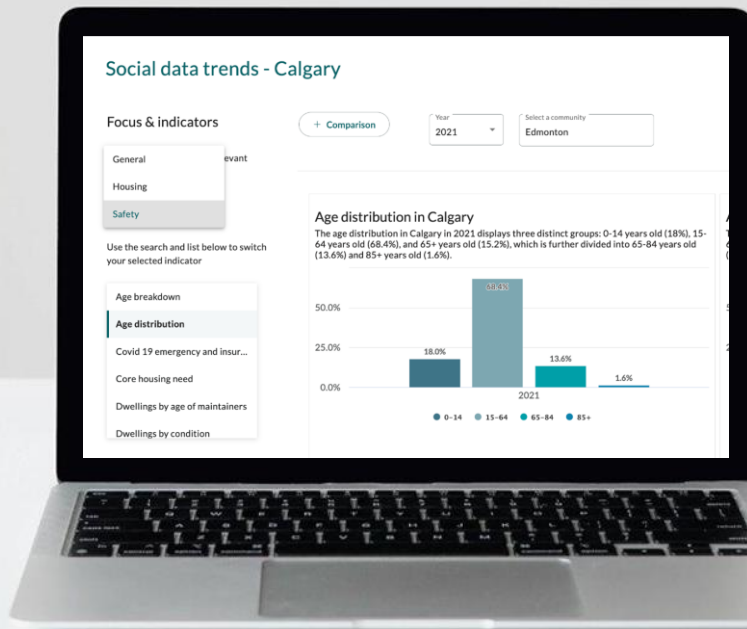
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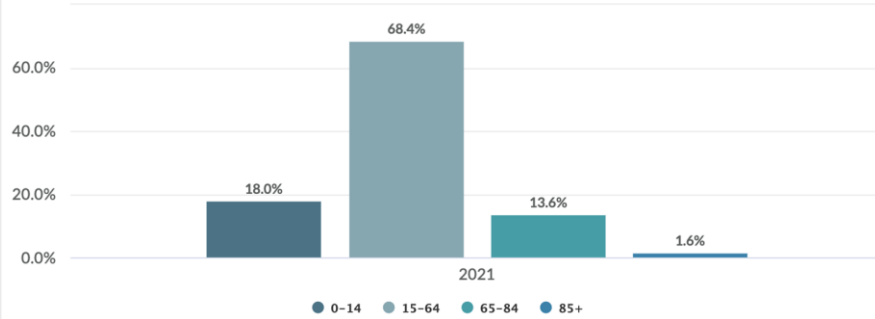
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Age distribution

The Age distribution in Calgary for the year 2021 shows that the majority of the population falls in the age group of 15-64 at 68.4%.



Source: Data from Statistics Canada, 2021. All computations, use and interpretation of these data are entirely those of the author(s). This does not constitute an endorsement by Statistics Canada of this product.

Use this space to add a description for the chart or data featured above.

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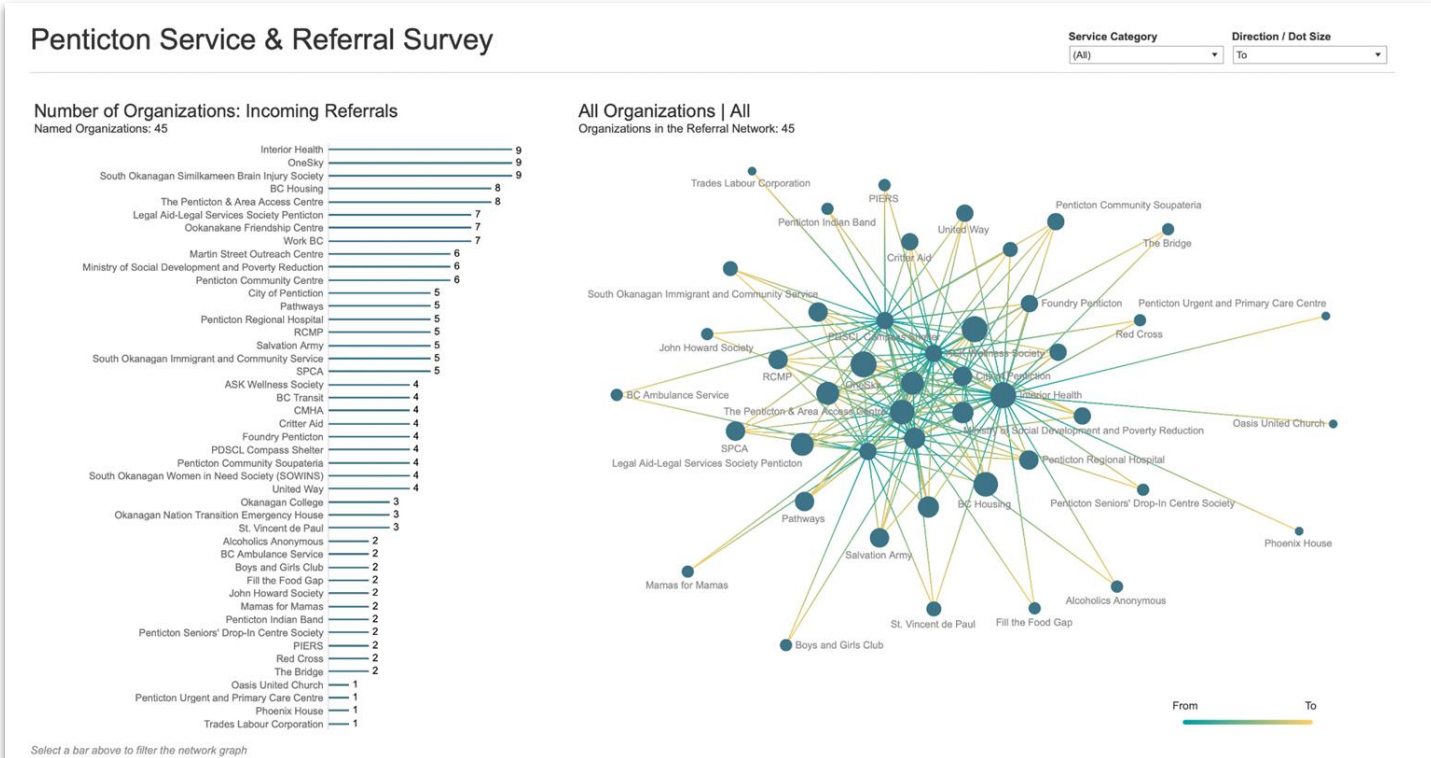
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Subtitle or brief description of section



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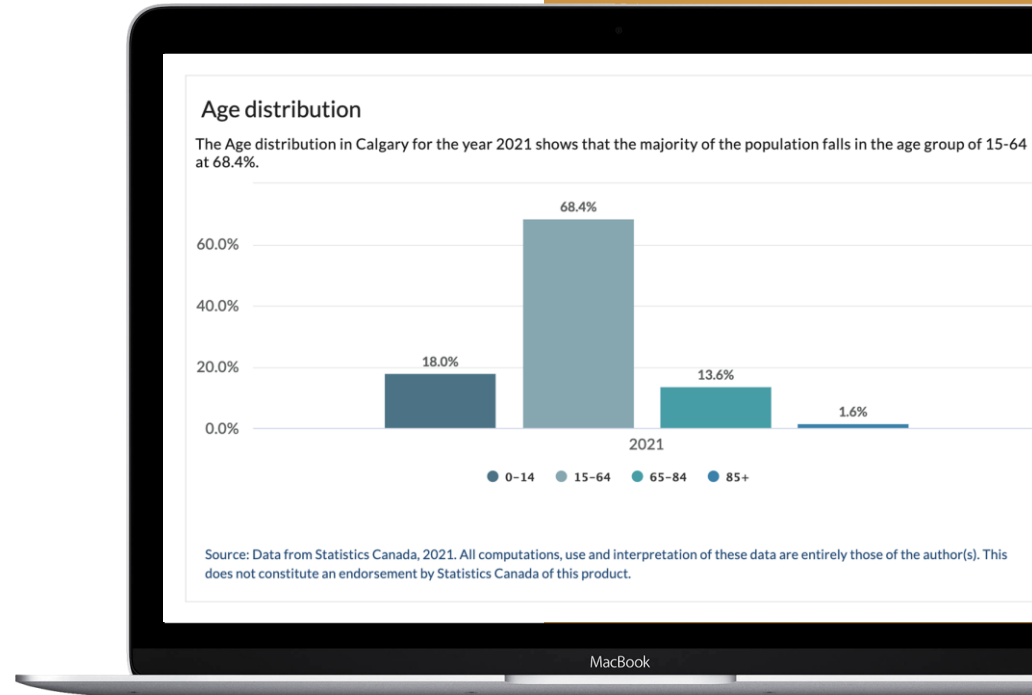
A social expert to partner with you on your most pressing job challenges.



Tools and technology to develop and implement effective strategies.



Ongoing adaptation and support as your goals change throughout the year.



Insert Heading or Slide Title Here

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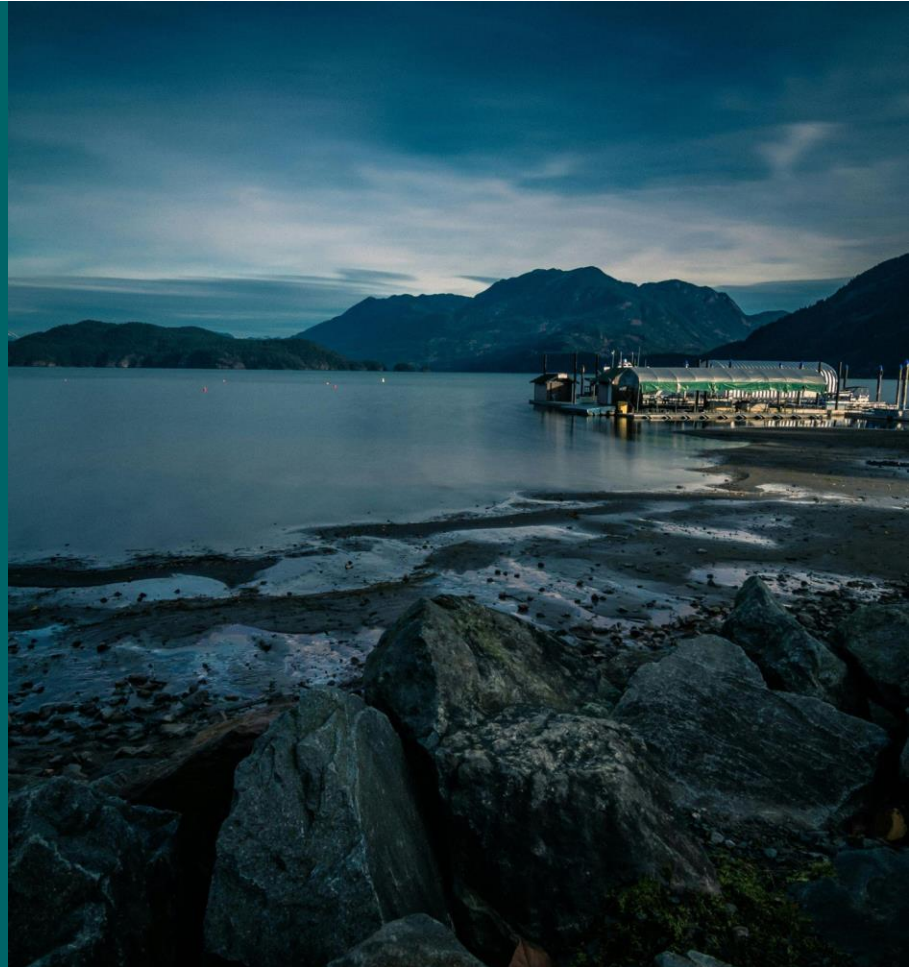


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“In winter, we're focused on winter (homelessness) response, but by April, who knows? That's the reality of our work – constantly shifting. That's why we chose. It's like having data and a support team on speed dial, ready to help us pivot to whatever social priority comes our way.”

– Karto Customer

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– Karto Customer

Next Steps

Watch for your onboarding email.



For More Information

Jesse Donaldson, Executive Vice President, Strategic Services
jesse@helpseeker.org



How it Works

1. Get paired with a Solutions Partner.
2. Identify your goals.
3. Gain access to Karto data analytics, including personalized guidance on how to use it.

4. Request help from your Solutions Partner once a month, on any task.
5. Annually, request a custom data briefing on any topic.
6. Stay informed with Karto Signals monthly briefings on emerging social issues.
7. Revise your strategic goals up to twice a year, and your Solutions Partner will help you meet them

Karto Subscription

Supports for social sector leaders

Includes:

- One annual license.
- Access to the Karto platform with local social trends.
- Onboarding strategic goal-setting session.
- Strategic Tickets (one query/task per month).
- Monthly national briefing on emerging social issues.
- Invitation to Karto Signals (3 seats).
- One custom data briefing on any topic.
- Tools, templates, and resources for solving complex social issues.
- A dedicated Solutions Partner to guide you throughout the year.
- Preferred pricing on consulting services.

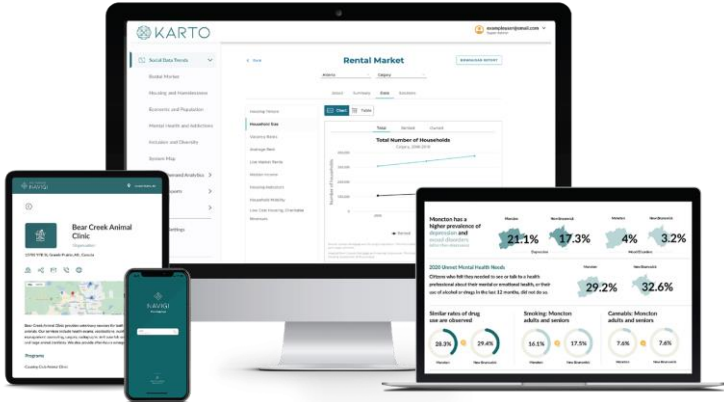
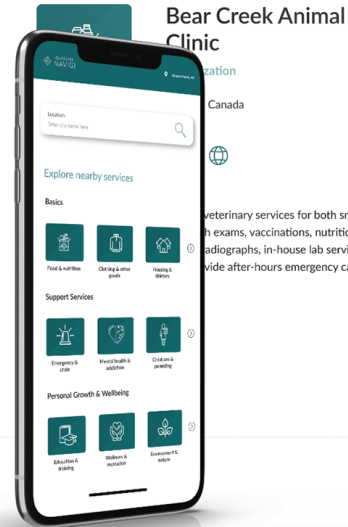
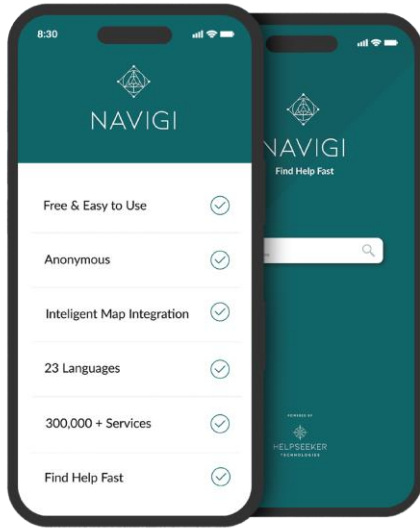
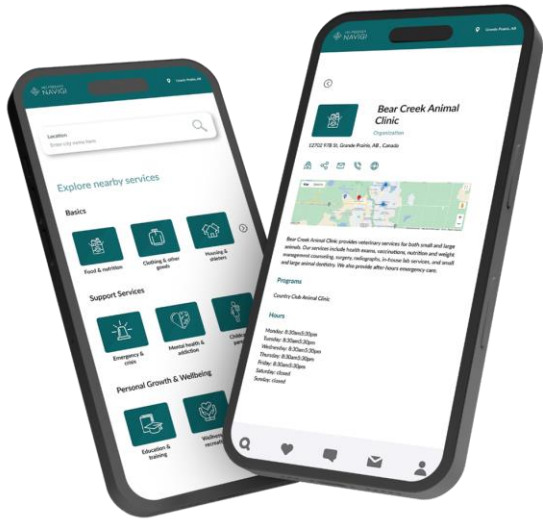
Respond to
Council and
Media Requests
5x Faster

What can I use my monthly Strategic Tickets for? *(Anything)*

- Council briefings on an emerging social issue.
- Literature reviews on any topic.
- Frameworks for responding to urgent issues.
- Media releases.
- Social risk analysis.
- Data cleaning.
- Simple data analysis.
- Measurement frameworks for social issues.
- Presentations (content only).
- and more.

Monthly Strategic Tickets are tasks that would typically take you 3-4 hours

Product Images



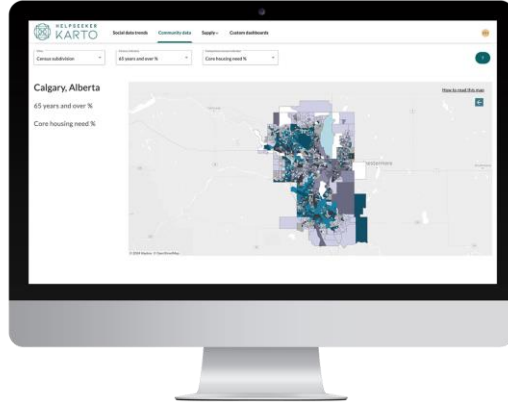
Bear Creek Animal Clinic

Location
Canada

vetinary services for both small and large
exams, vaccinations, nutrition and weight
radiographs, in-house lab services, and small and
wide after-hours emergency care.

Hours

Monday: 8:30am-5:30pm
Tuesday: 8:30am-5:30pm
Wednesday: 8:30am-5:30pm
Thursday: 8:30am-5:30pm
Friday: 8:30am-5:30pm
Saturday: closed
Sunday: closed



Social data trends - Calgary

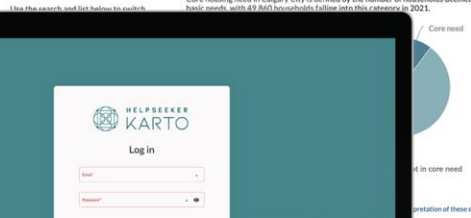
Focus & indicators

Select a focus to filter for relevant indicators

Focus:

Year:

Select a community:



Core housing need

Core housing need in Calgary City is defined by the number of households deemed unable to afford housing that meets its basic needs, with 49,863 households falling into this category in 2021.



Summary

Comparison of data from 2021 illustrates a higher number of households not in core need at 435,185. However, there is an evident existence of households in core need, nearing 50,000.

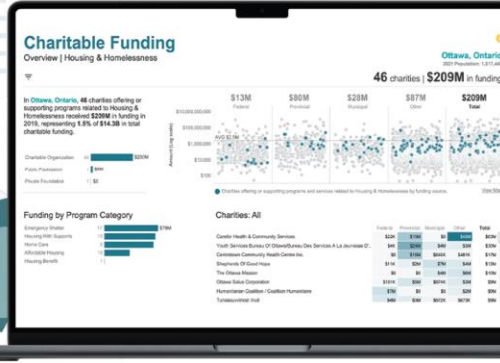
Analysis

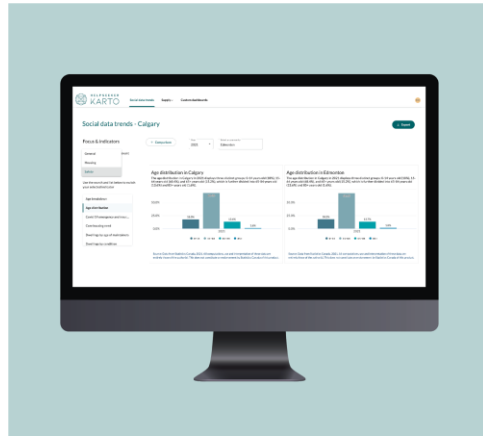
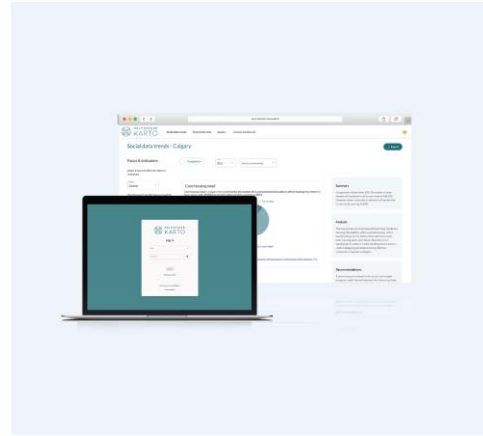
The two primary driving forces behind these trends are housing affordability and household income, which heavily influence the ability of households to meet basic housing needs and hence, determine core housing need numbers. Understanding these causes is vital to designing and implementing effective community response strategies.

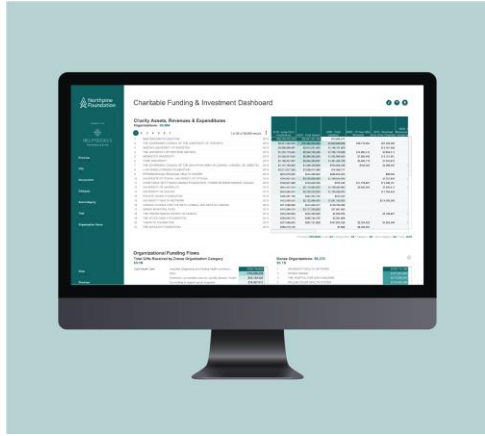
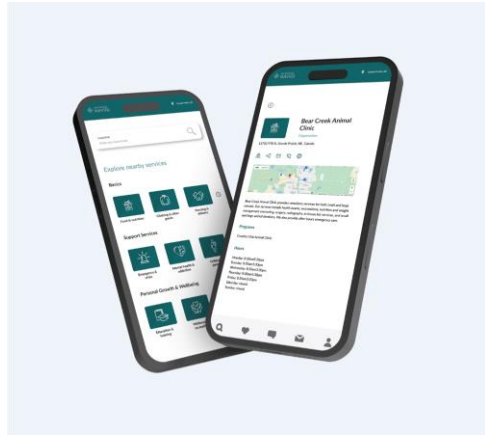
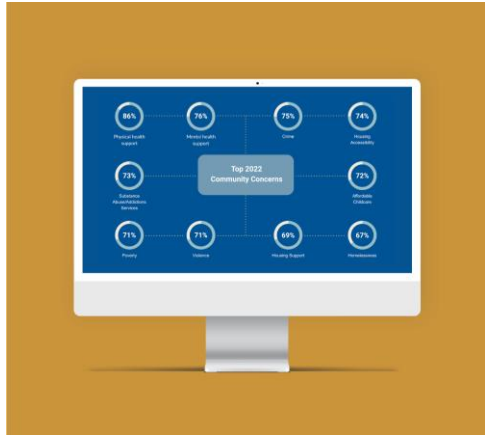
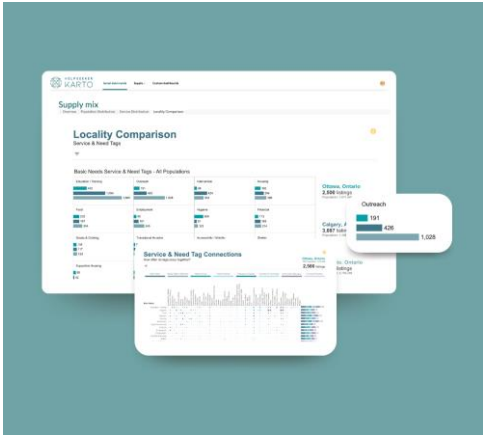


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Tailored Analytics



Rich Contextual Insights



Strategic Intelligence



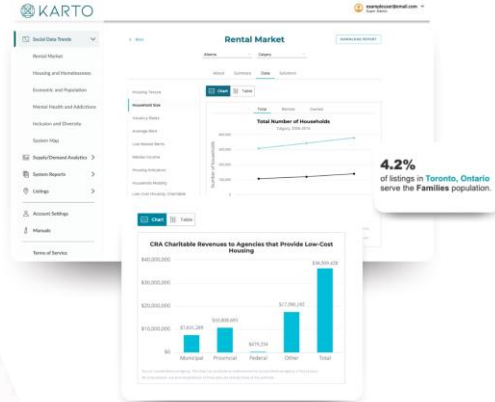
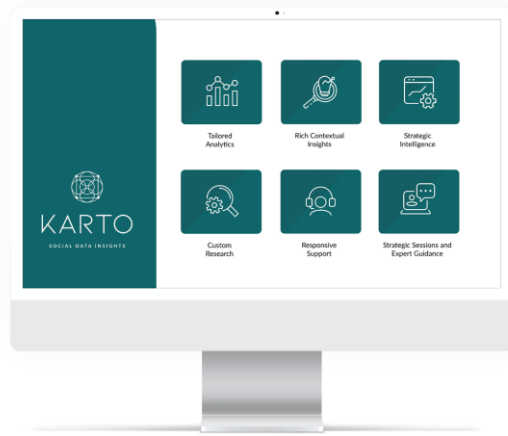
Custom Research



Responsive Support



Strategic Sessions and Expert Guidance

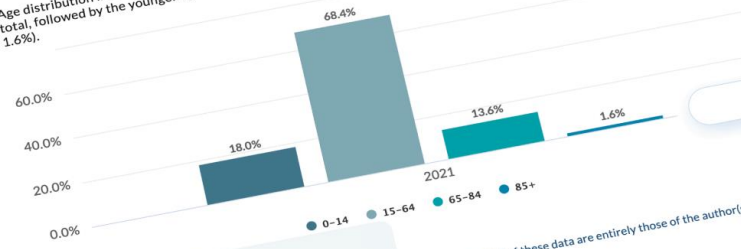


Summary

The data illustrates a currently youthful and professionally active population, a characteristic that could indicate a strong local economy. However, it also forecasts a potential increase in elder care needs as this majority age group progresses towards the senior age brackets.

Age distribution

Age distribution in Calgary City reveals a predominantly working-age population (15-64 years) making up 68.4% of the total, followed by the younger age group (0-14 years) at 18%, and the senior age groups (65-84 years at 13.6%, and 85+ at 1.6%).



Analysis

The high proportion of people in working-age bracket in Calgary with a vibrant and productive economy is leading to a growing aging population. The analysis and interpretation of these data are entirely those of the author(s). This product.