

# First in Canada Cosmos Implementation

## An Ottawa Hospital Journey

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The Ottawa  
Hospital

L'Hôpital  
d'Ottawa



**Inspired** by research.

**Driven** by compassion.

**Inspiré** par la recherche.

**Guidé** par la compassion.

# Epic Cosmos

Cosmos is a dataset created in collaboration with a community of health systems using Epic and is designed to improve patient care. By combining their data, participating organizations and Epic can make new discoveries and advance medicine. Cosmos also powers tools at the point of care, providing insights to clinicians that are tailored to the patient in front of them.



**1,762**  
Hospitals



**300 Million**  
Patients

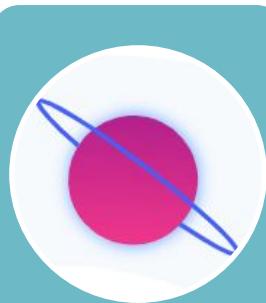


**40.7K**  
Clinics



Explore more studies and data insights from Cosmos

on  **Epic Research** →



Big Data  
Research



Look-Alike  
s



Condition-  
Specific  
Growth  
Charts



Best Care  
Choices

← Improve the health and lives of people everywhere →

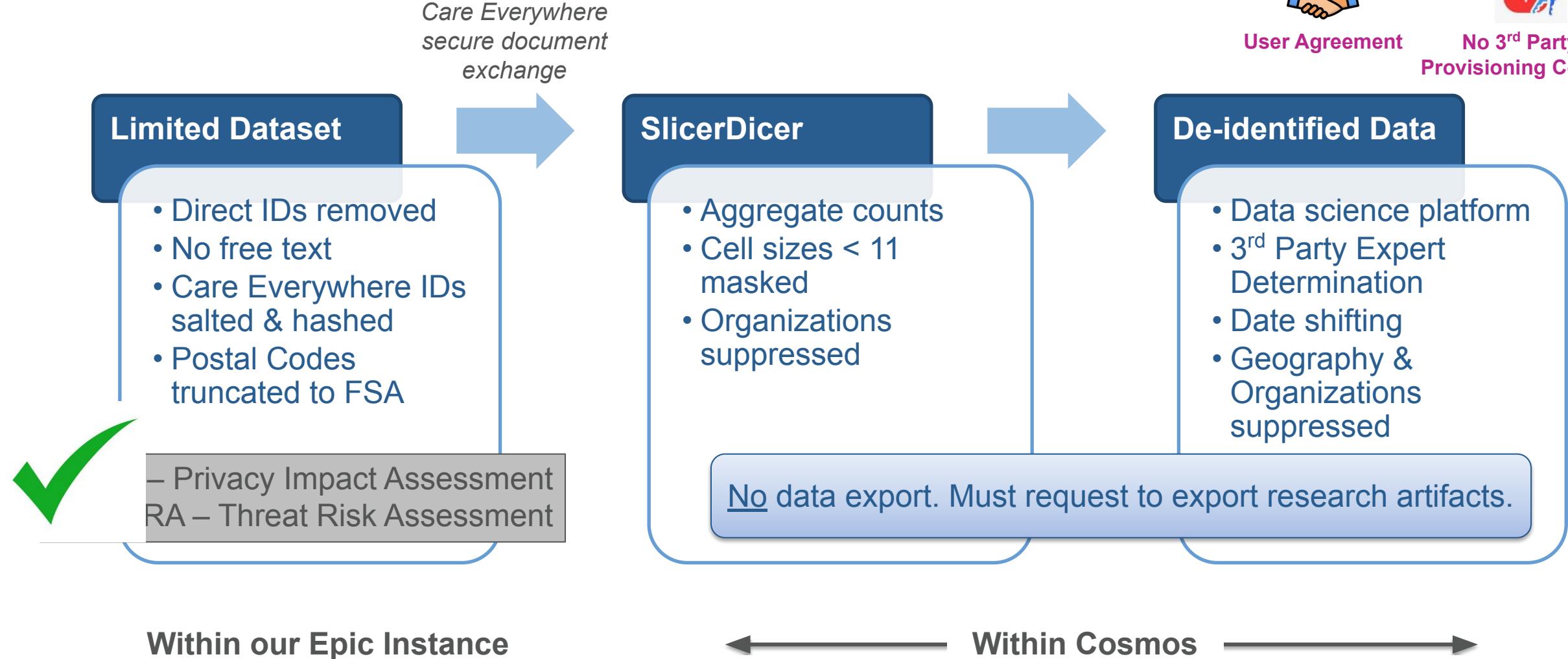
# Risk Assessment & Approvals

- ✓ 3<sup>rd</sup> Party Assessment
- ✓ Partner / Organizational buy-in
- ✓ Insurance Coverage (HIROC)
- ✓ Agreement
- ✓ Privacy Notice

## Decisions / Assessment

- Truncate postal code to FSA
- Low risk of re-identification
- Benefits balance risk
- Re-assess risk annually

# Cosmos Data Governance



# Timeline

## Risk Assessment & Approvals

When: Fall 2023 – Fall 2024

Who: Privacy, Legal, 3<sup>rd</sup> Party, Leadership

## Pilot Projects

When: Jun – Dec, 2025

Who: Analytics, Research Institute

## Broader Rollout

When: November 2025+

Who: Analytics, Digital Education, Communications

May 23  
Cosmos live

## Decision Tracker

## Data Mapping

When: Jan – May 2025

Who: Application Team + SMEs

## Point of Care Tools

When: September 2025 (v May 25)

Who: Application Team, Digital Education

# Pilot Projects



## Partnership with OHRI

Selection committee  
Data scientists



## Support model

Super Users (1:10 ratio)  
Data Architects  
Data Scientists



## Streamlining REB process

Go  
Canada!

Cosmos community welcomes  
Canada!



# Appendix



# References

## 1. Overview of Cosmos

Includes

- Governance and Cosmos Rules of the Road
- Cosmos at the point of care
- Using Cosmos for research

## 2. Cosmos Security and Privacy