

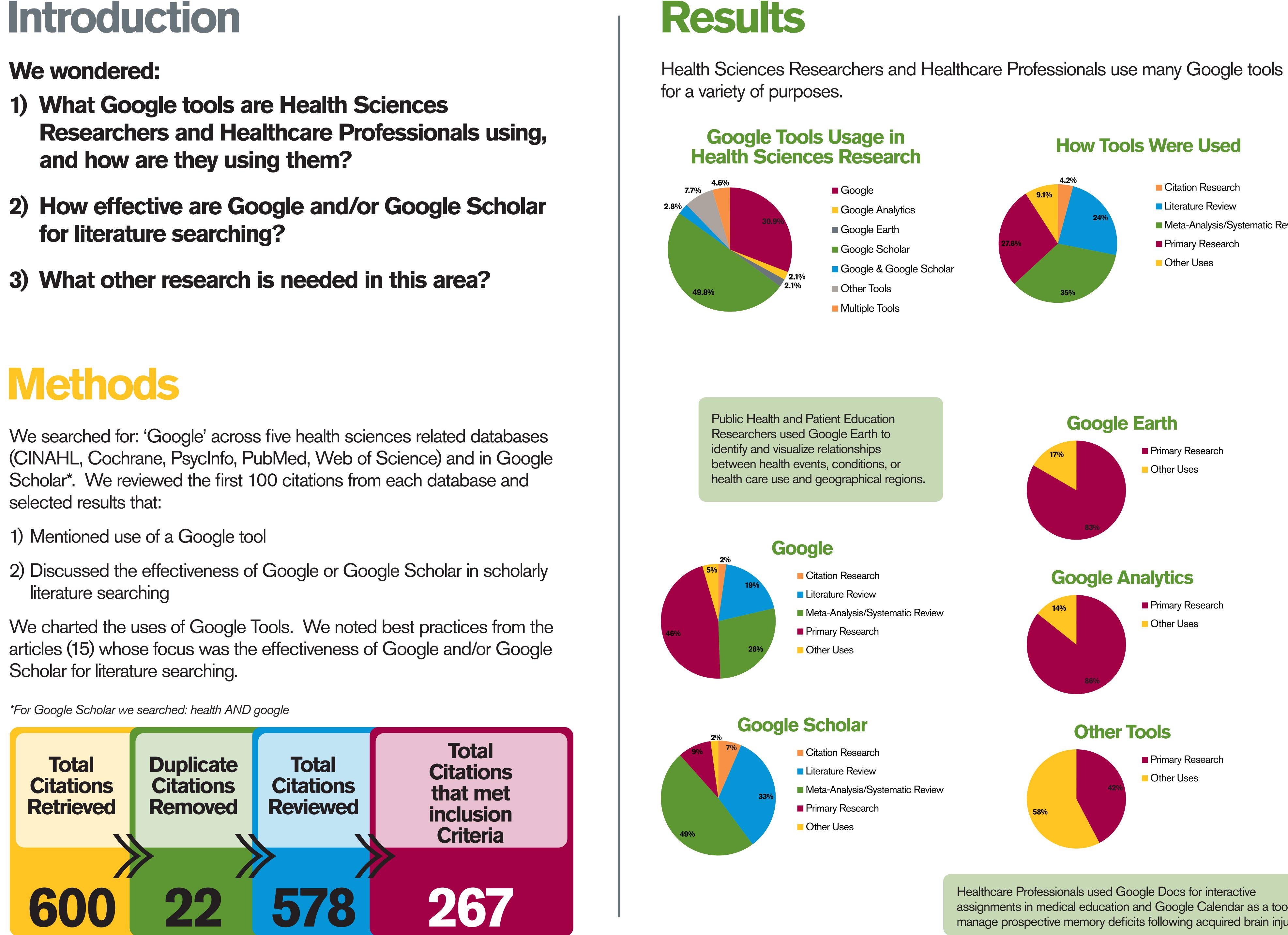
## Introduction

- and how are they using them?
- for literature searching?

selected results that:

- literature searching

Scholar for literature searching.



# How do Google, Google Scholar, and Other Google Tools Help Health Professionals Navigate the Oceans of Information?

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### How Tools Were Used

- Citation Research
- Literature Review
- Meta-Analysis/Systematic Review
- Primary Research

assignments in medical education and Google Calendar as a tool to manage prospective memory deficits following acquired brain injury.

## **Google Scholar:**

A valuable tool for literature searching.

### Why Use Google Scholar?

- Unique, highly relevant results
- Transdisciplinary research
- Added value: cited references and related articles

## **Top Search Strategies**

- Keep your search simple
- Review 50-100+ results for maximum benefit of recall and precision rates
- Use Google-friendly formatting
  - Phrases: "childhood obesity"
  - Place operators in ALL CAPS: "childhood obesity" AND (Arizona OR California)
- •Use advanced search, limits, and other options

## Considerations

- PubMed has more results for recently published research
- For quick high precision searching - use PubMed Clinical Queries or similar tools
- Google Scholar offers less options to **Refine Searches**
- Google Scholar searches are not reliably replicable due to Google's personalization of search results

## Future Research

- Replicate previous studies to generate longitudinal data
- How much applicable evidence may be missed on average in a systematic review if results of a Google Scholar search are not included?
- To what extent are Google and/or Google Scholar particularly useful for identifying documents from multiple geographical regions and languages?

## Takeaways

### **Use of Google Tools**

- Health Sciences Researchers
  - Gather and manipulate data
  - Visualize and disseminate results
- Healthcare Professionals
  - Facilitate interventions
  - Create interactive educational materials

### **Google Scholar and** Literature Searching

 Unique content makes it a valuable complement to subject specific databases

