

Web Browser Data Collected for This Study

We will ask you to submit the following types of web browser data in the course of this study. This is the **only** web browser data that we will ask you to submit. We will **not** collect information that makes it possible to identify or contact you (other than your Prolific ID), your web search query terms, or the webpages or websites that you visit (other than popular web search engines and certain other popular online services specified below). If you would like to inspect the source code for this project, it is [available here](#).

Web Search Engine Use Data

We are studying use of the following popular web search engines.

- Ask.com
- Baidu
- Bing
- Brave
- DuckDuckGo
- Ecosia
- Google
- Yahoo

Going back up to 30 days, we will collect the following information about each search that you run with these search engines. To emphasize, we will **not** obtain the search query terms that you submit.

- The search engine that you used, from the list above.
- When you ran the search.
- How you submitted the search to the search engine. Examples include typing the query into the browser's address bar, selecting an automatically generated link in the address bar, typing the query into a search box on the search engine's website, or clicking a link on the search engine's website.
- A unique identifier number assigned to the search query, which remains consistent for repeat searches of the same query.
- The number of times you have made the same search.
- The query parameter keys and corresponding values from the search URL, excluding the actual search terms. For example, in the URL <https://www.google.com/search?q=hello&sourceid=chrome>, we would record "sourceid=chrome" and the presence of the "q" parameter, but not the search term "hello".
- Whether the visit originated on your current device.
- For any page visit that we identify as originating from the search results page, whether the link clicked was an organic search result or an advertisement, whether we are certain the visit originated from the search results page, and when the visit occurred.
- When you visited the next webpage that was not a search results page.

Web Browser Use Data

We will also collect the following information about how you use your web browser. Again, to emphasize, we will **not** collect the webpages or websites that you visit (other than the search information described above and the online service information described below).

- The current time zone and time in your web browser.
- For each day over the past 30 days:
 - the total number of webpages that you visited,
 - the total number of unique webpages visited, ignoring the fragment identifier,
 - the total number of unique webpages visited, ignoring both the query parameters and the fragment identifier,
 - the total number of unique base domains that you visited, and
 - the total number of unique absolute domains that you visited.
- Whether the DuckDuckGo Search & Tracker Protection extension is installed and the visit time for any visits to the feedback page for the extension.
- Whether you are using ad blocker software.

Online Service Use Data

We will also collect information about how often you use the popular online services listed below. To emphasize, we will not obtain the full URLs, search query terms, or webpage content if you use any of these online services.

- E-commerce
 - Amazon
 - Apple
 - Best Buy
 - Costco
 - eBay
 - Etsy
 - Google Shopping
 - Home Depot
 - Kroger
 - Lowe's
 - Target
 - Walmart
 - Wayfair
- Generative AI Services
 - ChatGPT
 - Claude
 - Google Gemini
 - Grok
 - Microsoft Copilot
 - Perplexity AI
- Music Lyrics
 - AZLyrics
 - Genius
 - Lyrics.com
 - Musixmatch
 - SongLyrics

- Restaurant and Business Recommendations
 - Google Maps
 - Travelocity
 - Yelp
- Travel Booking
 - Airlines
 - Alaska
 - Allegiant
 - American
 - Delta
 - Frontier
 - Hawaiian
 - Jet Blue
 - Southwest
 - Spirit
 - United
 - Hotels (including subsidiary brands)
 - Hilton
 - Hyatt
 - IHG
 - Marriott
 - Wyndham
 - Online Travel Agencies and Search Services
 - Agoda
 - Booking.com
 - Choice Hotels
 - Expedia
 - Google Travel
 - Hotels.com
 - Hotwire
 - Kayak
 - Orbitz
 - Priceline
 - Skyscanner
 - Travelocity
 - Tripadvisor
 - Trivago
- Weather
 - AccuWeather
 - National Weather Service
 - The Weather Channel
 - WeatherBug
 - Weather Underground
 - Windy

Going back up to 30 days, we will collect the following information about each webpage that you visit at one of these online services.

- The name of the online service.
- When you visited the webpage.
- How you navigated to the webpage, such as by typing the URL into your web browser's address bar, selecting an automatically generated link in the address bar, or clicking a link on another webpage.
- Whether the visit originated on your current device.