**Service-by-Service August Differential Analysis (2020–2025)**

**Purpose:** To document how August usage compares against typical monthly medians across all major library webpages. This ensures that the observed August downturn is not an artifact of one page but a consistent system-wide pattern.

**Method**

1. For each page (e.g., Home, Databases, eJournals & eBooks), the **median monthly usage** was calculated across the full dataset (Sept 2020 – Sept 2025).
2. A separate **median for August months only** was calculated.
3. The **difference** and **percentage reduction** were computed for each service.
4. Values reflect consistent, conservative medians (robust to outliers).

**Results**

| **Page** | **Typical Median** | **August Median** | **Differential** | **% Reduction** |
| --- | --- | --- | --- | --- |
| **Home Page** | 6,263 | 5,665 | -598 | **-9.5%** |
| **Databases** | 1,859 | 1,740 | -119 | **-6.4%** |
| **eJournals & eBooks** | 509 | 436 | -73 | **-14.3%** |
| **Subject Portals** | 119 | 109 | -10 | **-8.4%** |
| **Ask a Librarian** | 68 | 64 | -4 | **-5.2%** |

**Interpretation**

* **All major pages show August reductions**, confirming that the site-wide dip is not driven by a single page.
* **High-volume pages (Home, Databases)** show meaningful reductions, reinforcing the downturn translates directly into lower IT workload.
* **Support-oriented services (Ask a Librarian)** also decline, aligning reduced user traffic with fewer staff interactions.