

CHELSEA Statistics Database

Proposal for a Revamp

Statistics in academic libraries

- Use of data for management & advocacy
- Collection, storage, analysis & access to data on:
 - Users, operations, personnel, services & collections
- Demonstrating value & document contributions to institutional goals & effectiveness
- Prepared to address the ever changing higher education environment
 - + accreditation of programmes
 - +technological innovations
 - +other accountability measures

International trends

- **German National Statistics for Academic Libraries**
 - Internal library management
 - Justification of costs
 - Benchmarking @ regional, national & international levels
 - Since 1902



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Culture

Libraries



International trends

- **Australia and New Zealand – CAUL Statistics Services**
 - Provide data from university libraries for
 - Cross-institutional benchmarking
 - Supporting libraries to demonstrate value and impact
 - Providing sector-level aggregate data for the profiling of ANZ academic libraries
 - CAUL Statistics include data on:
 - Collections, staffing, expenditure, library services, and library clients
 - The statistics are produced annually from data supplied by CAUL and CONZUL institutions.



Services & Programs

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Statistics Services

Related topics: [Statistics](#), [Value and Impact](#)

The CAUL Analytics Portfolio is being reviewed throughout 2022. Find out more about the [Analytics Portfolio Review](#).

The CAUL Statistics service is a key element of the CAUL Analytics Portfolio. The CAUL Statistics provide data from university libraries in Australia and New Zealand, for the purposes of cross-institutional benchmarking, supporting

CHELSA Statistics Database

- CHELSA & the recognition of a Common set of Standards for qualitative and quantitative assessment of services
- CPUT initiative towards a national database to enable benchmarking
 - Developed in 2012-2013 as an in-house tool
 - Extended to CHELSA members – with additional functionalities
 - Use of an external service provider – with CHELSA financial support
 - 2015 MOU signed between CPUT and CHELSA
 - Handover ownership of database to CHELSA
 - Hosting to be maintained by CPUT libraries

CHELSA Statistics Database Infrastructure

- Accessibility
 - To all members
- Security
 - Necessary security measures in place
 - Institutional Administrators
 - Members are able to select institutions for benchmarking
 - Institutional data is only accessible to members of a particular institution & hosted on a separate database
 - Each member has full control over their data

CHELSEA Statistics Database Infrastructure

- The Provision of Stock
- Annual Additions to Stock
- Subscriptions to Electronic and Continuing Resources
- Study Places and Facilities
- Number of Libraries
- Hours Open per Year
- Clientele
- Library Staff
- Use of Library Services
- Expenditure
- Regions
- Institutions
- Faculties
- Branches
- Departments
- Staff Distribution
- Database usage statistics
- eBook definitions
- eBook Usage Statistics
- Student Training Definition
- Student Training Statistics

Motivation for a Revamp

- CPUT Libraries proposes a collaborative project team to spearhead the –redevelopment of the database
- Measure for *Quality in SA HEI libraries* document – to be aligned with the *CHELSA Academic Library Standards Framework*
- Costing model to be determined by members
- Focus areas/Task Teams
 - Technological Infrastructure
 - Data Analytics
 - Marketing
 - Training

Motivation for a Revamp

- Outcomes

- an expanded set of services and functionality related to library analytics that will better serve members' needs
- increased capacity to deliver insights from data collected
- improved user experience for users
- improved quality of analytics leading to more useful reports and management information

Technological Infrastructure Task Team (IT and Statistics experts)

- Goals:
 - Modern, scalable, & interoperable analytics platform to support collection & management of CHELSA statistics and analytics
 - Develop procedures & documentation to support the use of the database
 - Platform with an API to interface with other external platforms like Microsoft Power BI for advanced statistical analysis and reporting capabilities
 - Platform that can be used to collect data about the usage of various infrastructure within the library spaces
 - Platform for the importing of data from other existing platforms in use at member libraries
 - Provide user friendly reports that are easy to extract & mobile friendly
 - Determine the need for an external developer to be contracted, and if required:
 - Develop the specifications
 - Oversee the implementation

Analytics and Data Task Team

- Analytics project to commence with a needs analysis to determine:
 - Members needs of analytics products
 - Current levels of uptake of the database
 - Types of data to be recorded
 - Levels of interpretation being done to current data
 - Use of recorded statistics both internally and externally
 - Determine the need for, & feasibility of producing, new sector-level analytics products e.g. annual surveys, trends analysis, etc....
- Composition of task team
 - staff involved in the collection of statistics
 - staff responsible for quality assurance activities, including evidence-based practice, & planning

Training and Marketing Task Teams

- Facilitate the marketing and training of the new platforms to all participating institutions:
 - Advocacy regarding the purpose and value of contributing to the database
 - Coordinate and provide assistance with set up and configuration
 - Provide technical advice and guidance
 - Identify person/s/collaborators for delivery of training
 - Organize training sessions
 - Monitor and evaluate post-installation performance
 - Provide post-installation support

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