E-Resources for Legal Studies

As a student of Legal Studies and related disciplines you should familiarise yourself with a range of data sources, including E-Journal publications, E-Books, social and economic data, Legal sources, Theses and Dissertations, WWW resources and other reference sources, such as newspapers.

This guideline assumes you have a general familiarity with Library Web pages, are familiar with E-Journals (and Peer Reviewed Journals), are familiar with general principles for searching such as use of keywords and are familiar with tools for locating specific E-Resources. If you are unsure about any of these issues, please also see the following guides:

*Online and remote students using the Library for Online Programmes are advised to see the guide and video Brief Guide to the Library for Online Programmes*

- **Tips for Searching**
- **Overview of Information Types and Information Sources**
- **How to Locate E-Resources**
- **Finding E-Resources Unavailable via our Systems**
- **Carrying your Literature Review or Systematic Review**
- **Searching for Theses and Dissertations**
- **Searching for Newspapers**

**Using Discover for E-Books and E-Journals**

You should consult Discover as an initial source for E-Books and E-Journals; Discover includes all commercial E-Journal and E-Book collections subscribed by the University Library. *Note - Discover does not include national data, statistics, standards, patents, legal and other specialist databases (see later sections of this guide).*
You can search Discover from the University Library Web site and our LibGuides subject pages (note, these search options will display both print collections held at the University Library, abstract/citation results where full text may require further research and digital e-resources).

Additionally, Discover can be searched from the Library for Online Programmes (this option is recommended for online/remote students since this version of the Library is configured to display digital Library resources only (as far as possible (rather than print or abstract-only resources). The Discover search box shown in the Library for Online Programmes provides search filters directly on the page, such as subject-specific filters, ‘Ebooks (only)’, ‘Peer Review (only)’ and ‘Unrestricted (only)’ i.e. excluding restricted items such as DRM e-books from the search.

Following your Discover search, you can further refine search results using options such as ‘Subject’, ‘Language’, ‘Location’ or year range:

For additional detailed advice on searching Discover, information on search refinements and use of a personal profile to store personal preferences, see our guide Using Discover for E-Journals, E-Books and other Scholarly Content
**Alternative Major E-Journal Platforms**

In addition to Discover you can also use alternative multi-source platforms and citation databases, these include platforms such as SCOPUS and Web of Science. Use of alternative major databases may be necessary to demonstrate the breadth of sources used in your literature review plan or final research project proposal. You can see a full list of major platforms in our [LibGuides](#) subject pages for your academic discipline.

Additionally, online students can see a summary of major platforms shown in the [E-Resources](#) area of the [Library for Online Programmes](#).

Major platforms such as SCOPUS and Web of Science can also be useful to confirm article citation/publication details, to use detailed search options for a more accurate search. Web of Science includes a variety of advanced search options to filter your search by subject area, author, document type, country location and other criteria:

![Web of Science search options](image)

SCOPUS includes similar options to filter a search by subject and other factors:
SCOPUS, Web of Science and other major platforms are primarily bibliographic databases, providing citations & abstract information derived from a wide range of global Library databases; these can provide a powerful additional search option alongside Discover. However, these platforms also usually provide a “Full Text” icon alongside search results, in some cases you may need to perform further research to locate items when searching via bibliographic databases [How to Locate E-Resources](#) and [Finding E-Resources unavailable via our Systems](#).

In addition to commercial platforms, you can also use additional platforms such as Google Scholar or [CrossRef](https://crossref.org) to confirm the accuracy or missing details for a citation:
Google Scholar can be useful to determine if an unsubscribed article is freely available via the WWW (Scholar includes freely accessible scholarly papers from across the WWW and many University Library subscribed collections/platforms).

If you visit or search Google Scholar from Library Web pages then you will be logged in when you encounter resources in commercial collections/platforms. You should avoid accessing Google Scholar from its normal public URL, since you won’t be able to open secure content subscribed by the Library.

You can access Google Scholar from some Library Web pages. Additionally, the Library for Online Programmes a Google Scholar search box and link from the Library for Online Programmes homepage:

![Google Scholar](image)

When using Scholar you can often access items from the normal links shown in results, however, sometimes you may need to use the alternative ‘Is it @ Liverpool’ or other suggested sources shown in the right menu:

<table>
<thead>
<tr>
<th>Title</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alternative to mental hospital treatment: I. Conceptual model, treatment program, and clinical evaluation</td>
<td><a href="http://outcomesdatabase.org">HTML</a> from outcomesdatabase.org</td>
</tr>
<tr>
<td>LI Stain, MA Test - Archives of General Psychiatry, 1981 - archpsyc.jamanetwork.com</td>
<td></td>
</tr>
<tr>
<td>METHODS: The experiment was designed to study the effects of patient functioning during a 14-month intensive community-treatment program and to evaluate patient functioning afterward when patients were transferred to traditional community programs. To ...</td>
<td></td>
</tr>
<tr>
<td>Cited by 1537 Related articles: All 6 versions: Web of Science, 1997 Cite Save More</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Title</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test anxiety inventory</td>
<td><a href="http://outcomesdatabase.org">HTML</a> from outcomesdatabase.org</td>
</tr>
<tr>
<td>CD Spielberger - 2010 - Wiley Online Library</td>
<td></td>
</tr>
<tr>
<td>Abstract As Seymour Sarason (1959), a major early contributor to theory and research on test anxiety, observed: 'We live in a test-conscious, test-going culture in which the lives of people are in part determined by their test performance' (p. 26). Consequently, it is not ...</td>
<td></td>
</tr>
<tr>
<td>Cited by 21347 Related articles: All 6 versions: Cite Save More</td>
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<table>
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<tr>
<th>Title</th>
<th>Source</th>
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</thead>
<tbody>
<tr>
<td>Introduction to classical and modern test theory.</td>
<td><a href="http://outcomesdatabase.org">HTML</a> from outcomesdatabase.org</td>
</tr>
<tr>
<td>L Crocker, J Algina - 1986 - ERIC</td>
<td></td>
</tr>
<tr>
<td>This text was written to help the reader acquire a base of knowledge about classical psychometrics and to integrate new ideas into that framework of knowledge. The material is organized into five units (1) introduction to measurement theory (2) reliability (3) validity (4 ...</td>
<td></td>
</tr>
<tr>
<td>Cited by 4021 Related articles: All 4 versions: Cite Save More</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Title</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Effects of insulin in relatives of patients with type 1 diabetes mellitus</td>
<td><a href="http://outcomesdatabase.org">HTML</a> from outcomesdatabase.org</td>
</tr>
<tr>
<td><a href="http://outcomesdatabase.org">HTML</a></td>
<td></td>
</tr>
</tbody>
</table>

As seen with all individual platforms/databases, you can create a personal profile on platforms such as Discover, SCOPUS, Web of Knowledge etc. this allows you to save searches, bookmark resources and personalise your experience when using these platforms, please see detailed guides on using these platforms within individual systems, see our guide Using Discover for E-Journals, E-Books and other Scholarly Content.
SCOPUS and Web of Knowledge also provide valuable Journal Impact reporting tools, allowing you to evaluate the importance or impact of individual journals, articles or authors (e.g. via citation ranking from other article references), this topic is described in further detail later in this guideline.

Further help on using journal impact/ bibliometrics tools is provided via the University of Liverpool Web site (see the Research LibGuide).

Additionally, the Library for Online Programmes provides a range of guides and video on using journal impact tools (see the ‘Journal Impact’ icon in the side menu).

**Individual E-Journal Collections**

You should also be aware of individual E-Journal collections; content derived from individual collections typically will also display in multi source platforms such as Discover, or Web of Science but these platforms can display results slightly differently when viewed individually; these platforms also typically provide advanced search options to assist your research. You may need to consider use of individual E-Journal collections as part of your literature review or for planning your dissertation/ thesis proposal.

You can see a full list of individual full text platforms in our LibGuides subject pages for your academic discipline.

Additionally, online students can see a summary of major platforms shown in the E-Resources area of the Library for Online Programmes.

Inter-disciplinary full text collections include:

- ProQuest
- Emerald
- SAGE
- MetaPress
- ScienceDirect
Additionally, a search box is provided to search individual collections and major databases from the Library for Online Programmes (see the E-Journals page). You can refine the list of collections shown using the subject discipline selector beneath the search box:

![Search E-Journal Platforms](image)

You can also search key collections and major platforms from the 'Key Databases' search box (see the Library for Online Programmes homepage or the E-Journals page):

![Quick Search](image)

For additional guidelines and tutorials on using individual platforms and citation databases see the following guides:
• Searching for E-Journal Articles and Scholarly Papers
• Using Bibliographic Databases
• Finding E-Resources unavailable via our Systems.

Additionally, the Library for Online Programmes provides a list of detailed guides on using individual databases.

Additional sources

The following suggested sources are available from our subject LibGuides pages or other locations accessible from the University of Liverpool Library Web site, such as A-Z of databases (see the Electronic Library page).

Additionally, these sources are also available from the Library for Online Programmes (see the E-Journals page, subject pages etc.).

• HeinOnline
• Lexis Library Journals
• WestLaw International Journals
• WestLaw UK Journals

Search Strategies for Law E-Journal Articles

When searching for a legal article you should try the following options in this order:

• Try searching Discover (“Search by title”) for the article title (not the journal name/ title), if the article is shown you will likely see an “Is it @ Liverpool” link resulting in a popup containing a link to the article in a 3rd party collection/ Web site, e.g. “Full text available via....” when you visit this link you should see some abstract details with a PDF link to the item, if you are directed to a specialist legal database you may see the article displayed on-screen.
• Try using the “go to an article” tool shown in the left menu of the Library for online programmes; you will need to input the journal title/name (not article title), volume, issue, start page and year of publication. You will see an “Is it @ Liverpool” screen as described above. Note, if the item is unavailable you will see a “Full text not available” message, however, for legal sources it is also worth checking the specialist legal databases such as WestLaw UK, Lexis etc. in this event.

• Try searching specialist legal databases for the article, such as WestLaw UK, Lexis Library and WestLaw International.

• If you still have problems locating your legal article please contact your librarian, including the article title, author details and citation (journal name/title, volume, issue, start page, year of publication).

Overview of Legal Resource Types (including legal materials, cases, news etc)

The Library provides access to a wide range of specialist legal materials, including legal periodicals, case law, legislation etc.

Specialist legal materials such as case law, court proceedings, legal materials etc. are not shown in major platforms such as Discover and must always be searched via the sources described below.

You should become familiar with legal information resources, including the following:

• Cases and Case Law - Detailed information on past court cases, with summaries, evaluative materials and commentary.

• Legal Forms - Procedural documentation for regions, states and other economic zones.

• Legal journals – for an overview of general academic journals see our guide Overview of Information Types and Sources.

• Legal Reports - whilst some regularly published legal periodicals resemble mainstream academic journals, some regularly published proceedings represent official or quasi-statutory reporting of legal cases, amendments to
legislation etc. see later sections of this document for a brief description of some important legal reports.

- Legal News, Commentary and Bulletins - news on laws, amendments, ACOPs (implementation notes), legal industry developments etc.
- Legislation - National and regional statute laws and implementation, including European Union, US Federal and international laws.

Major legal databases (incorporating all legal resource types) include:

- WestLaw UK
- Lexis Library
- WestLaw International

Key sources for legal journals include:

- HeinOnline
- WestLaw UK
- WestLaw International
- Lexis Library

Key sources for legal cases include:

- WestLaw UK Cases
- WestLaw US Cases
- BAILII (British and Irish case law & legislation, European Union case law, Law Commission reports, and other law-related British and Irish material).
- Google Cases

Key sources for legislation:

- WestLaw UK
- Official Documents Archive
- Public Information Online
- UK National Archives
- UK Official Document Archive
• UK Parliament

Key sources for legal news include:

• WestLaw UK
• WestLaw International News

Key sources for EU Information include:

• WestLaw UK
• EU official policies, treaties, laws (EUROPA)
• EURLEX

When searching for a legal resource such as Legislation or Case Law you may need to search using several different sources to locate the materials you are looking for.

Additionally, law sources can be searched from the Library for Online Programmes. Some Legal sources such as WestLaw can be complex to search, however you can search many legal sources quickly from a direct search box provided in the Law area of the Library for Online Programmes (see the Law page and Quick Search/ Key Databases search on the homepage), these sources include major Legal databases such as WestLaw UK, WestLaw International, Lexis, official sources such as the UK government official documents archive and EU collections such as EUROPA (EU laws). Our legal collections include both international and country-specific materials, including case law, legislation, government papers and other legal materials. In addition to a direct search box (to search legal sources by keyword, legislation title etc.) you can also access legal sources from homepage links provided:
Whilst you may find you are able to search successfully using the search box shown in the Law page, you can also visit the homepage of each individual system to see advanced search options such as year, author, region and more specific resource types.

Importantly, you should note that most legal collections we subscribe are not included in multi source search tools in the E-Journals such as Discover. When searching for legal resources you must often search these collections individually.

The Law area provides options to perform a general search of the largest Legal collections from a single search box (shown directly on the page), across all resource types such as legislation, legal reports and case law, please also see the note on Westlaw International below as this search option is not a complete search but a selection of some of the largest databases in this system:

- WestLaw UK
- WestLaw International
- Lexis Library

For more information on general E-Resource types and sources (Dissertations, Theses, Conference Proceedings etc.), please see the guide [Overview of Information Types and Information Sources](#)
Special Note regarding WestLaw International for specialist legal materials

The ‘WestLaw International’ legal collection is composed of many smaller ‘databases’ and cannot easily be searched from a single keyword search.

If you wish to perform a more powerful search of WestLaw International e.g. for a very specialist topic or regional legal materials, such as ‘food legislation in India’ you should enter the WestLaw International homepage and browse to locate a specific database matching the area you are searching for.

If you are having problems locating specialist legal materials using the search boxes provided, you should visit WestLaw International and try to locate a relevant database to search.

Introduction to Legal Reports and Legal Reference

Some regularly published proceedings represent official or quasi-statutory reporting of legal cases, amendments to legislation etc. You should become familiar with these sources as an alternative search strategy for locating case reports, court proceedings etc. We also provide access to major legal reference sources documenting legal procedures, legislation and historical coverage.

- **The All England Law Reports** - The All England Law Reports is a general series of law reports for all common law jurisdictions. Updated weekly, the archive provides cases heard by the House of Lords, the Privy Council, both divisions of the Court of Appeal and all divisions of the High Court.

- **Oxford Reports on International Law** - Oxford Reports on International Law brings together decisions on public international law from international law courts, domestic courts, and ad hoc tribunals.

- **Halsbury's Laws of England** - covers the whole spectrum of English law and provides a narrative statement of the law of England and Wales, collated laws
from a variety of sources and covers every proposition of English law (whether statutory or common law), and is divided into alphabetically arranged titles, making it convenient to use and enabling quick and easy research into any area of law.

- **Oxford Reports on International Law** - Oxford Reports on International Law brings together decisions on public international law from international law courts, domestic courts, and ad hoc tribunals.

- **Cardiff index to legal abbreviations** - Abbreviations for English language legal publications, from the British Isles, the Commonwealth and the United States, including those covering international and comparative law. Indexed by journal title or citation. Offers alternate legal citations when available. A selection of major foreign language law publications is also included. The database mainly covers law reports and law periodicals, but some legislative publications and major textbooks are also included.

- **Max Planck Encyclopedia of Public International Law** - The Max Planck Encyclopedia of Public International Law is a comprehensive online resource containing peer-reviewed articles on every aspect of public international law.

- **FLAG (Foreign Law Guide)** - FLAG contains collection descriptions of primary materials in print format for foreign jurisdictions held in UK libraries.

- **Martinus Nijhoff Human Rights and Humanitarian Law eBooks** - Nijhoff focuses on areas in Public International Law, on Human Rights, on Humanitarian Law, and, increasingly, on International Relations.

- **National Criminal Justice Reference Service** - The NCJRS: National Criminal Justice Reference Service Abstracts Database is published by the Office of Justice Programs, U.S. Department of Justice's National Criminal Justice Reference Service, an information clearinghouse for people around the U.S. and the world involved with research, policy, and practice related to criminal and juvenile justice, and drug control.

- **Oxford Reports on International Law** - Oxford Reports on International Law brings together decisions on public international law from international law courts, domestic courts, and ad hoc tribunals.
• **U.S. Statutes at Large** - This HeinOnline collection provides complete coverage of the Statutes at Large and includes multiple browsing and search features to enhance the online value over the paper volumes.

• **U.S. Supreme Court Library** - Complete coverage of the official U.S. Reports bound volumes as well as preliminary prints, slip opinions, and books and periodicals related to the U.S. Supreme Court are included in this library.

• **U.S. Treaties** - This collection includes all U.S. treaties, whether currently in force, expired, or not yet officially published.

• **Index to Legal Periodicals and Books Full Text** - Index to Legal Periodicals & Books has been relied on for over 50 years for complete coverage of the most important English language legal information. Users will appreciate international coverage and access to scholarly articles, symposia, jurisdictional surveys, court decisions, legislation, books, book reviews, and more

• **Legal Classics Library** - More than 1,500 works from some of the greatest legal minds in history can be found in HeinOnline's Legal Classics collection. In addition to many "classics," this collection also includes rare items that are found in only a handful of libraries around the world.

**Searching Using Legal Citations**

When you search for legal materials, such as case law you have the option of searching for either general keyword based terms, exact document titles or other detailed legal notes, codes or other classification information, e.g. we could search a UK case using either of the following search options:

• Parties involved in the case e.g. (Corr v IBC Vehicles Ltd)

• The law report citation e.g. (AC, Ch, QB)

• When searching for statutes or statutory instruments (similar to laws) you should search for the statute title e.g. (Human Rights Act 1998), you may also
have section details which are also searchable e.g. Human Rights Act 1998, s 15(1)(b)

- When searching for EU laws or cases you will often be able to search using additional legal index number or code, e.g. (Consolidated Version of the Treaty on European Union [2008] OJ C115/13)

- When searching for legal journal articles you may need to enter major legal collections and browse to the E-Journal area within the database, then try either locating the journal to browse issues/articles or use search options to search by article title. You may also be able to locate the article using usual Library search options such as Discover (see earlier sections of this guide).

- When searching for command papers or Law Commission reports you will be able to search using the command number/ Law Commission number, e.g. (Eliminating World Poverty: Building our Common Future (White Paper, Cm 7656, 2009) ch 5) or (Law Commission, Reforming Bribery (Law Com No 313, 2008) paras 3.12–3.17).

**Legal Bibliographic Resources**

The library provides access to a number of legal databases which can assist you in locating bibliographic details for legal cases and viewing legal documents in historical context or in relation to related materials.

- **Justcite** - JustCite is a multi-jurisdictional search engine. It provides information about cases, legislation and articles and their interdependent relationships. JustCite provides the following features:
  - JustCite helps you identify the leading case in seconds. JustCite search ranking considers the relationships between cases, not just keyword frequency.
  - JustCite marks up the specific effects of cases, so you know whether those cases are still “good law”.

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- JustCite shows you how legislation has been amended and applied in court.
- JustCite is boosted by interactive visualisation tools, user-generated content and other ground-breaking features.
- JustCite provides seamless links through to the full-text material of numerous other data suppliers’ platforms, including Justis, Lexis Library and Westlaw. If you have a subscription to those services, JustCite offers a simple route through to them.

- **Casetrack** - Casetrack is a source for full-text judgments and is updated daily. Judgments are fully categorised and classified. You can search by case name, date, subject, judge and even the legal representatives involved. Judgments listed at the following courts are available through Casetrack:
  - Court of Appeal (Criminal & Civil Divisions) from April 1996 to present.
  - Administrative Court from April 1996 to present.
  - All divisions of the High Court from July 1998 to present.
  - Employment Appeal Tribunal from July 1998 to present.
  - VAT Tribunal from January 2002 to present.
  - Casetrack also includes: Searchable links to House of Lords and Privy Council judgments from November 1996 to present.
  - Access to judgments from the Irish and Northern Irish Courts.
  - Selected judgments from the European Court of Human Rights and the European Court of Justice.

Other suggested media/interactive sources:

- World Legal Information Institute
- Encyclopedia of Public International Law
- Box of Broadcasts (TV & Cable) restricted to UK
For further detailed law guides on a range of topics such as locating case law, legislation or other legal materials see the Law LibGuide.

Additionally, detailed guides and video are also displayed in the Library for Online Programmes (see the Law page).

E-Books

You can search across all University of Liverpool E-Books using either Discover or the Library Catalogue. You can access Discover from either the University of Liverpool Library homepage or our LibGuide subject pages (these search boxes will display both printed content held in the University Library, abstract only citations and digital e-resources).

Additionally, you can search for E-Books using Discover from the Library for Online Programmes - including search filters such as ‘E-books (only)’, ‘Search by title’, ‘Unrestricted (only)’ – limiting the search to DRM free i.e. unrestricted E-Books. Online students are recommended to use this Discover search since only full text e-resources will be displayed as far as possible:

For general advice on searching for E-Books, please see our guide Searching for E-Books and for locating specific E-Books where you know the publication details, see our guide How to Locate E-Resources.
Data, Statistics, and Reports

You should become familiar with data, reports and statistics sources, including company data, market research and similar sources provided by the Library. You should note that data, reporting and statistical sources are often not included in multi source platforms such as Discover and must be searched separately. These sources can be summarised as follows:

- General social and demographic reporting and news sources – these sources include Discover and ProQuest.
- Statistical sources – these include census and national statistical information, including collections such as census.ac.uk, the Economic and Social Data Service (ESDS) and the Historical Population Reports (UK/ Ireland only).

You can browse data, statistics and reports sources from our subject LibGuides pages.

Additionally, data, statistics and reports sources are listed in the Library for Online Programmes (see the Data, Markets and Statistics page), you can either visit a database from the list shown or search directly from the page by selecting a database from the pull-down menu, then search by keyword:

<table>
<thead>
<tr>
<th>Search Data, Reports &amp; Statistics</th>
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<tbody>
<tr>
<td>Online Historical Population Repo</td>
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<tr>
<td>Choose coverage</td>
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<tr>
<td>Key Note Market Reports</td>
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<tr>
<td>Mintel Market Reports &amp; Market Research</td>
</tr>
<tr>
<td>Business Source Premier (Companies, Markets)</td>
</tr>
<tr>
<td>Financial Times (FT opinion, markets etc.)</td>
</tr>
<tr>
<td>ProQuest (Includes a wide range of subscribed collections)</td>
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<tr>
<td>CENSUS.ac.uk (uses ESDS registration)</td>
</tr>
<tr>
<td>Datamonitor (Worldwide company reports)</td>
</tr>
<tr>
<td>Online Historical Population Reports</td>
</tr>
<tr>
<td>UK National Statistics (economic &amp; social data)</td>
</tr>
<tr>
<td>Economic &amp; Social Data Service (rosg registration)</td>
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</tbody>
</table>
In addition to commercial sources for reports mentioned above, you should also consider using WWW search tools identify WWW published documents (e.g. for NGO, official government, corporate or other professional reports), for further information on these options, see our guide Searching the Internet and Evaluating Web Sites.

You can see further examples using these sources in our guide Searching for Data, Reports and Statistics.

Newspapers

You can access Newspaper collections from the main University of Liverpool Library Web site (from here, see the “LibGuides” link, then follow the link to newspapers).

A link is also available to newspapers from the Library for Online Programmes (see the ‘News’ page).

Following the links to our newspaper collections will lead to our main newspaper ‘LibGuide’, providing country-specific, UK, contemporary and historical newspapers:

<table>
<thead>
<tr>
<th>e-Newspapers</th>
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<tbody>
<tr>
<td>These are online versions of newspapers: some current, some digitized facsimiles of historical.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Contemporary UK Newspapers</th>
<th>Contemporary International Newspapers</th>
<th>Digitized</th>
</tr>
</thead>
</table>

**Contemporary UK Newspapers**

**Main sites**

- Lexis Library - News ⏭️
- Library PressDisplay - UK ⏭️
- ProQuest International Newsstand ⏭️

**Key titles**

**Key:** LPD = Library Press Display, LL = Lexis Library, PIN = ProQuest

**English national broadsheets**

- Financial Times

For further information on our newspaper coverage, see our guide Searching for Newspapers
International Standards

You can access a range of International Standards from our LibGuide subject pages.

Additionally, you can see a summary of International Standards in the Library for Online Programmes (see the ‘ISOs’ page):

<table>
<thead>
<tr>
<th>ISOs and Standards</th>
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<tr>
<td>Discovery</td>
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Standards: ISOs and Technical Specifications

- ASM Handbooks Online
- British Standards Online
  Important - You may need to use VPN or Web Apps to access this database, see our
- Construction Information Service
- ESDU, Engineering Sciences Data Unit

International standards specifications include:

- British Standards Online
- IEC: Standards for electronic technologies.
- IEEE: Engineering standards.
- ISO Standards
- UK Ministry of Defence Standards

Patents

You can access a range of Patents sources from our LibGuide subject pages.

Additionally, you can see a summary of Patents sources in the Library for Online Programmes (see the ‘Patents’ page):
Patents sources include:

- FreePatentsOnline.com
- Google Patents
- US Patent Office
- USPTO Patent Database

WWW Sources

In addition to Google document/corporate document search options – allowing you to search the WWW for focused document formats (in PDF, DOC etc.), you can also access a range of recommended WWW platforms and gateways to information.

For further information on these options, see our guide Searching the Internet and Evaluating Web Sites.

Data Sets and Data Mining

Data sets provide raw or systemised research in the form of population, medical, economic or other data types, the process of 'data mining' refers to the process of discovering and interpreting data sets to obtain useful patterns, trends or other observations from data to develop new research theory. You may find existing data sets provide a useful contribution to your own research. Data sets are derived from prior scientific, economic,
social or other research projects or major government or statistical agencies. Data sets may be unique or represent longitudinal studies over many years or decades. You should consult your tutors/ dissertation or thesis advisor regarding the academic appropriateness or usage of data sets.

Sources of data include the following:

- **Research Pipeline** (directory of data sources).
- **StatLib** (portal to data sources provided by Carnegie Mellon University).
- **DATA.GOV** (US Government data sources on a wide range of social, economic, industrial and international areas).
- **DATA.GOV.UK** (UK Government data).
- **Global Change Mastery Directory** (portal to geographical and biosciences data sources).
- **Google Public Data Explorer** (portal to data available freely on the WWW).
- **DMOZ** (Datasets listed on DMOZ Web Directory).

Data mining sources are also listed on our [Research LibGuide](#).

Additionally, the [Library for Online Programmes](#) outlines data mining sources (see our [Research Support guide](#)).

**Further Help**

If you have any questions please contact your Librarian (see [list of Liaison Librarians](#) and [Librarian for Online Programmes](#)).