

Free Databases & Websites

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This table includes free databases and websites. The database or webpage names of the free sites are hyperlinked. This list does not include all reliable pharmacy related websites, but it can get you started. Also just because something is listed here it doesn't mean that it is acceptable for use in your courses. Check with your instructors before using .com drug information sites in your assignments and check their resources before you use them for your own reference to ensure they get their information from authoritative sources as well as the editors' or authors' credentials. [Click for criteria for evaluating websites](#)

AIDSINFO	This site produced by NIH has information for health care professionals and patients in English and Spanish on AIDS. It contains clinical guidelines for AIDS and related topics that are downloadable to PDAs. There is a drug database for investigational and FDA approved drugs for treating AIDS and related conditions. The site includes a search engine for clinical trials related to AIDS therapy and prevention. Link: https:// aidsinfo.nih.gov/
ChemID	This is a TOXNET Database that contains chemical synonyms, structures, regulatory list information, and links to other databases http://aidsinfo.nih.gov/ containing information about the chemicals. Link: https://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp
ClinicalTrials.gov	This is a free database of both federally and privately funded clinical trials that use human volunteers. It includes each trial's purpose, who may participate, locations, and phone numbers. It also tells whether the investigators are still recruiting volunteers. Link: https://www.clinicaltrials.gov/

<u>DailyMed</u>	This database contains information from the FDA official drug labels for over 3000 approved prescription drugs. It does not contain all prescription drugs at this time, but new ones are continuously being added. The official FDA label information can be printed from this site. This database is produced by the National Library of Medicine with the FDA. It also includes labelling for drugs used with animals. Link: https://dailymed.nlm.nih.gov/dailymed/index.cfm
<u>Dietary Supplements' Labels Database</u>	This database of labels from dietary supplements is searchable by brand names, uses noted on product labels, specific active ingredients, and manufacturers. It includes warnings and recalls issued by the FDA and is linked to information from other resources such as PubMed and MedlinePlus. Link: https://dslid.nlm.nih.gov/dslid/
<u>Directory of Open Access Journals</u>	Free full text journals. To get to the pharmacy journals select Health Sciences, then Medicine (General), then Pharmacy. It is international in scope. Link: http://www.doaj.org
<u>Drug Information Portal National Library of Medicine</u>	This portal allows you to search for a specific drug using the search box on the site or you can connect to various sites. There are links to sites; from the National Library of Medicine, by audience, subject classification (prescription, non-prescription) as well as to sites from other governmental agencies. The links include ones to PubMed, ChemID, MedlinePlus, Toxline and the FDA site. Link: https://druginfo.nlm.nih.gov/drugportal/drugportal.jsp
<u>Drugs.com</u>	This site contains drug information for both professionals and consumers from Micromedex, Cerner Multum, Drug Facts A to Z, MedFacts and the PDR. It includes an online dictionary based on Stedmans, a medical encyclopedia, a pill identifier, drug interaction utility, and veterinary drug information. <u>Beware of ads interspersed within the text.</u> Link: http://www.drugs.com/

<u>Drugs@FDA</u>	Available through the FDA CDER site this database contains approval information for prescription drugs approved by the FDA. Every drug entry includes: drug name, active ingredient, dosage form, strength, status (prescription, over-the-counter, or discontinued), company, approval type, and FDA action dates. It includes the approval documents and official FDA labeling information for many of the drugs. It does not include OTCs, veterinary drugs, biologicals or dietary supplements. Link: <u>https://www.accessdata.fda.gov/scripts/cder/daf/</u>
<u>Epocrates Rx</u>	Free online, iPhone, PDA, Blackberry drug information databases. It includes dosing, manufacturer, interaction information. Registration is required. Other features and services are only available with a paid subscription. Link: <u>http://www.epocrates.com/</u>
<u>FDA</u> <u>Food and Drug Administration</u>	Contains drug information for healthcare professionals as well as consumers. Main FDA site links to the CDER (Center for Drug Evaluation & Research) site, which is the section of the FDA that regulates drugs and their manufacture. This site includes information on recalls, labeling changes, and regulatory information and forms for drug development. The Drug Information Pathfinder at this site is extremely helpful. The FDA website includes sites that have information on biologicals (Center for Biologics Evaluation and Research) and veterinary drugs (Center for Veterinary Medicine) . Contains the online versions of the Orange Book (Approved Drug Products with Therapeutic Equivalence Evaluations), National Drug Code Directory (NDC), and links to Medwatch and Drugs@FDA (see separate listings for the last two) . Link: <u>https://www.fda.gov/</u>
<u>Free Medical Journals</u>	This site contains free full text medical journals, including some for pharmacy and pharmacology. A couple actually link to Medscape for the full text. Link: <u>http://www.freemedicaljournals.com/</u>

<u>Grey Literature Report</u>	From the N.Y. Academ of Medicine this is a searchable database of reports from governmental agencies, institutes, foundations and organizations. In most cases there are links to the full text reports, which are available for free. Includes reports on healthcare policy, statistics, economics, medicare, medicaid and insurance including information on the pharmaceutical industry, prescriptions and medication usage. This database is still available, but they are no longer updating it. Link: http://www.greylit.org/
<u>Highwire Press</u>	Free full text journals are listed here along with information about embargoes on or limitations to free full text access. This is one of the most comprehensive lists of free full text journals. Clicking on the journal title takes you to that journal. Link: http://highwire.stanford.edu/lists/freeart.dtl
<u>HSDB: Hazardous Substances Data Bank</u>	Full text database that includes chemicals and some drugs. Includes peer reviewed information on human health effects, toxicology, emergency medical treatment, pharmacology, pharmacokinetics, metabolic effects, physical & chemical properties of substances. Link: http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB
<u>ISMP: Institute for Safe Medication Practices</u>	ISMP is a nonprofit organization which is devoted to the prevention of medication errors. The site includes tools to help reduce medication errors including lists of confusing drug names and abbreviations, high risk drugs and textbook dosing errata. There is information on USP-ISMP Medication Errors Reporting Program and the forms to report the errors. There is also a link to the FDA MedWatch. The site also contains consumer information on medication safety as well as other information for healthcare professionals, including ISMP guidelines and FDA Safety Alerts. Link: http://www.ismp.org/

<u>LactMed</u>	LactMed s a database of drugs and other chemicals to which breastfeeding mothers may be exposed. It includes information on the levels of such substances in breast milk and infant blood, and the possible adverse effects in the nursing infant. It includes statements from the American Academy of Pediatrics concerning a drug’s compatibility. Part of Toxnet group of databases. Link: https://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?LACT
<u>Livertox</u>	Liver toxicity information on drugs, herbals and supplements. Link: https://livertox.nlm.nih.gov/
<u>Medilexicon</u>	This website includes a medical dictionary along with one for medical abbreviations. It also links to drug information from various resources. It also includes a directory of pharmaceutical companies with links to their homepages. Link: http://www.medilexicon.com/
<u>MedlinePlus</u>	Consumer health information from the National Library of Medicine. Includes drug, herbal and supplement databases. Information on herbals is from either NIH sources or Natural Medicines database. Link: https://medlineplus.gov/
<u>Medscape</u>	This website has been created by WebMD. You need to register with them to use it. There are specialty pages, including one for pharmacists. You can receive a weekly newsletter via email. It contains selected full text articles from some major pharmacy journals. The website includes a drug resource that gets its information from the FDA, First Databank and the AHFS Drug Information. There is a drug interaction utility. This site is free, but you can get added features by paying a subscription. It also has a version of Medline to search the journal literature. Link: http://www.medscape.com/home

<u>Medwatch</u>	This site linked from the FDA site contains FDA information on safety and adverse event reports. The safety information includes the FDA Safety Alerts including recalls and labelling changes for drugs, biologics, medical devices and dietary supplements. It contains the forms used to report adverse events for healthcare professionals and consumers. It includes information and the forms for mandatory reports in addition to the voluntary reports. The Adverse Events Reporting System datafiles are available for download. Link: https://www.fda.gov/Safety/MedWatch/default.htm
<u>Merck</u>	Free full text versions of their popular manuals including : The Merck Manual of Diagnosis and Therapy, Merck Manual of Geriatrics, and the Merck Veterinary Manual. There are also free online versions of their consumer health volumes: Merck Manual- Home Edition, and Merck Manual of Health and Aging. The FDA approved labels for Merck's products can be reached by clicking on prescribing information in the menu under the Products tab. <u>Merck Manual for Professionals</u> <u>Patients & Caregivers:</u> <u>Merck Veterinary Manual</u>
<u>National Cancer Institute</u>	This government site contains a drug dictionary and information on cancer and its treatment for both the healthcare professional and patient. It contains a database of cancer related clinical trials and clinical trial results. Link: https://www.cancer.gov/
<u>National Center for Health Statistics</u>	This site contains statistics on various areas of healthcare from the National Health Surveys. Includes information on length of stay, morbidity, mortality, health care expenditures, procedures, visits. Also has links to other resources for health care statistics. Link: https://www.cdc.gov/NCHS

<u>National Guideline Clearinghouse</u>	This is a database of evidence based clinical practice guidelines. It includes guidelines that are published as individual publications as well as those in the journal literature. There are links to the full text guideline, if available, or citation or purchase information if the guideline is not available for free. Each guideline entry contains a structured abstract. There is also a guideline comparison utility. Link: <u>https://www.guideline.gov/</u>
<u>PharmGuide</u>	Created by pharmacy librarians this site is a list of free pharmacy resources on the Internet. Link: <u>http://pharmlib.pbworks.com/w/page/41567022/PharmGuide</u>
<u>PharmGKB Pharmacogenetics Knowledgebase</u>	Information on how genetics effect drugs Link: <u>http://www.pharmgkb.org/</u>
<u>PhRMA</u>	This site contains information on the drug development process, including the FDA process. It includes information about the patient assistance program offered by manufacturers to assist patients who cannot afford prescription medications. It includes a database of medications currently in clinical trials and information on medication safety. This site also has a link to the clinical study results database at <u>http://www.clinicalstudyresults.org/search/</u> (see entry in table) Link: <u>http://www.phrma.org/</u>
<u>Pillbox</u>	This database is from the National Library of Medicine. There may be inconsistencies and errors, which they are working on. It contains pictures and illustrations used to aid in the identification of pills. Once you have the medication identified, you can look up its information in DailyMed or Drugs@FDA. Please read the disclaimer before using. Link: <u>https://pillbox.nlm.nih.gov/pillimage/search.php</u>

<u>PubChem</u>	PubChem contains information on the biological activities of small molecules. It consists of four databases : PubChem Compound which contains information on unique compounds; PubChem Substance contains substance information from other sites and links to those sites, PubMed Bioassay searches bioassay terms; PubMed Structure searches the graphical structure Link: <u>https://pubchem.ncbi.nlm.nih.gov/</u>
<u>PubMed</u>	Database that contains citations and abstracts for the biomedical literature. It includes links to free full text when it's available through PubMedCentral or at the publisher's website. It contains citations from the 1940s to present. Link: <u>https://www.ncbi.nlm.nih.gov/pubmed/</u>
<u>PubMed Central</u>	Database of free full text articles provided by the National Library of Medicine. The contents can be reached directly through PubMed Central or through a search in PubMed. PubMed Central also is a repository for manuscripts from researchers who receive NIH funding fulfilling the new legislation of public access. Link: <u>https://www.ncbi.nlm.nih.gov/pmc/</u>
<u>RXList</u>	This is a database of drug monographs tied to Medscape.com and WebMD. It includes information from the FDA and First Data Bank. It has a pill identification utility. It includes a list of the top 200 drugs prescribed. There is a link to disease information from Emedicine and one to herbal monographs for commonly used medicinal herbs. Link: <u>http://www.rxlist.com/script/main/hp.asp</u>

<u>Toxline</u>	This database is part of the TOXNET System. It indexes the journal literature along with reports, including some unpublished reports on subjects related to toxicology. It contains citations and abstracts only. It includes the toxicology subset from PubMed. In addition to getting information from PubMed it includes citations from Developmental and Reproductive Toxicology (DART®), International Labour Office (CIS) and Swedish National Chemicals Inspectorate (RISKLINE). It uses text word searching. Dates: 1900-present Link: https://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?TOXLINE
<u>TOXNET</u>	Group of databases dealing with toxicology, environmental risks and chemical information. Some are full text or contain data while others only contain citations and abstracts. Includes ChemID, Toxline, Lactmed, HSDB, Household Products, DART (Developmental and Reproductive Toxicology) and others. Databases may be cross searched. Some of the databases are listed separately in this chart. Link: https://toxnet.nlm.nih.gov/