EFFECTIVE RESEARCH ON THE INTERNET

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Objectives

- To understand the general idea about research.

- To recognize the steps in effective research.

- To know search results on internet efficiently.

- To develop the internet research ability.

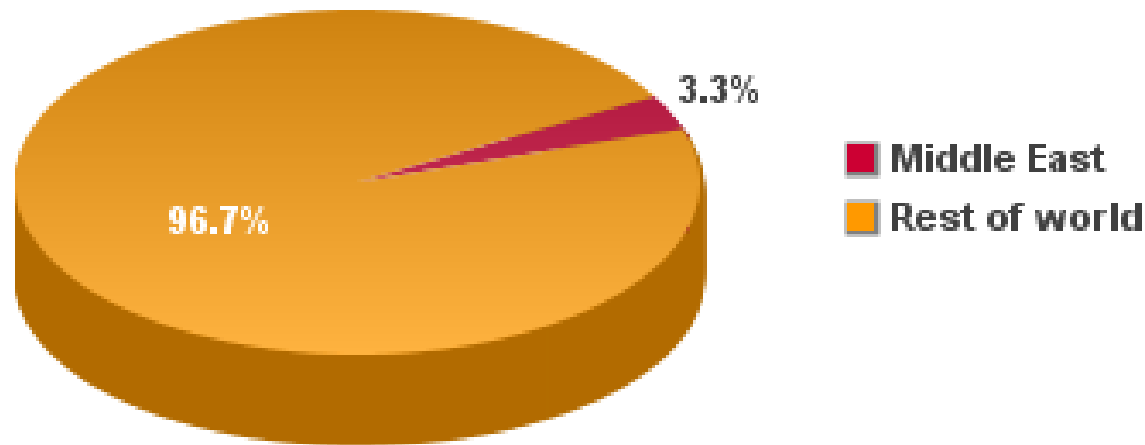- To identify various search engines, directories and databases that is useful in research.

Research Overview

- Where do I begin?
- What kind of information are your looking for?
- Where would be a likely place to look for?
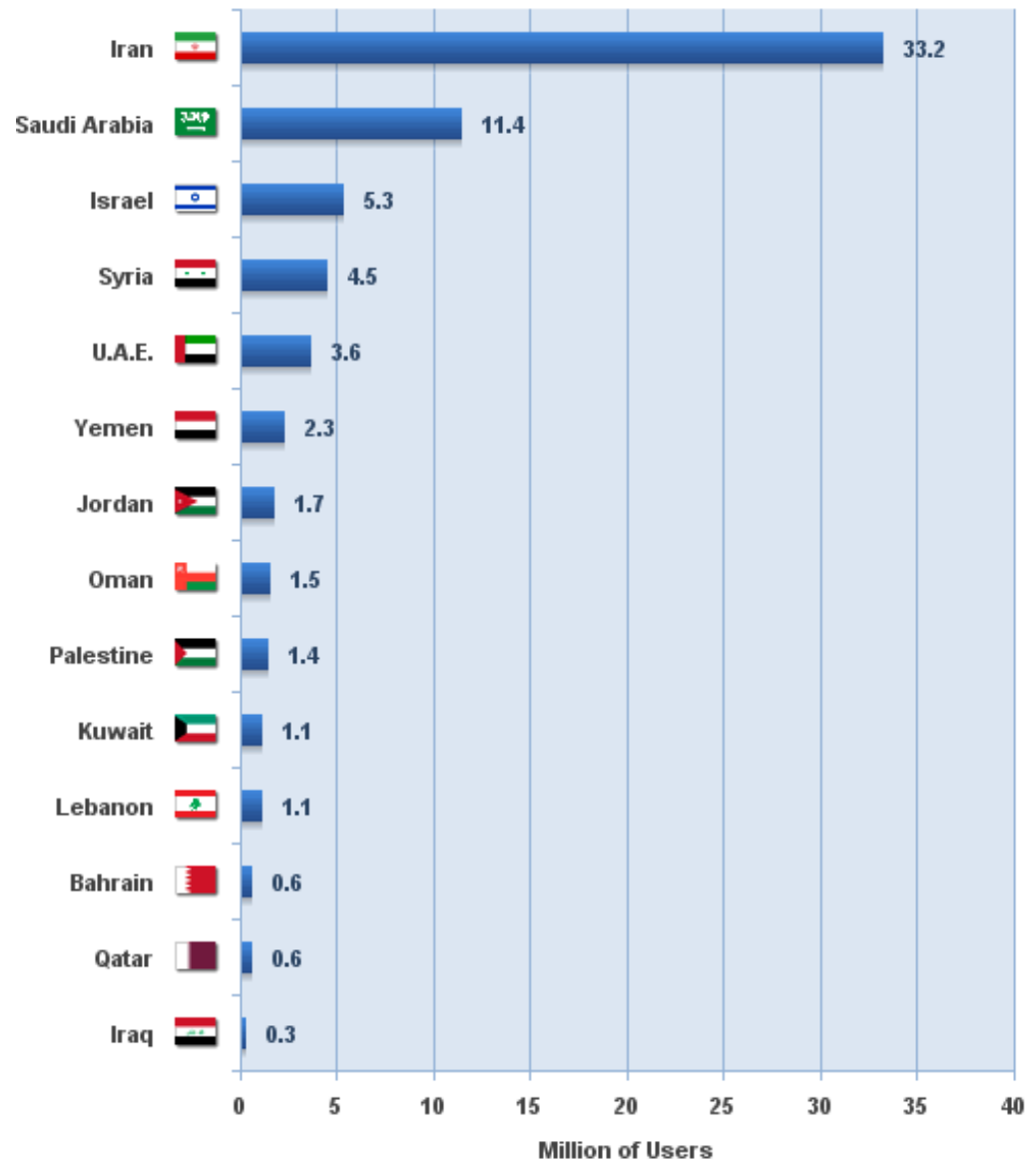- How much information do you need?

Internet Users in the Middle East

Internet Users in the Middle East
March 31, 2011

3.3%

96.7%

Middle East
Rest of world

Source: Internet World Stats - www.internetworldstats.com
68,553,666 estimated Internet Users for 2011Q1
Copyright © 2011, Miniwatts Marketing Group

Source:
Internet World Stats –
www.internet
worldstats.com/stats5.htm
68,553,666 internet users
approximately in the Middle
East as of 2011Q1
Copyright 2011, Miniwatts
Marketing Group

Steps for Doing Research on the Internet

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Step 1

Define your goals.

Steps for Doing Research on the Internet

Step 2

Determine the types of information you need to answer your question.

Step 3

Identify keywords, phrases and subject categories to use in your search.

Boolean Operators

AND

- Retrieves records in which BOTH of the search terms are present.

Example:

Search

Maternal **and** Child

Search terms	Results (Bing)
Maternal	58,000,000
Child	45,700,000
Maternal and Child	25,700,000

Boolean Operators

OR

- Retrieves records in which AT LEAST ONE of the search terms is present.
- The / symbol can also be used instead of 'or'.

Example:

Search Maternal / Child same as

Search Maternal or Child

Search terms	Results (Bing)
Maternal	58,000,000
Child	45,700,000
Maternal or Child	32,700,000

Boolean Operators

NOT

- Retrieves records in which ONLY ONE of the terms is present, the one we have selected by our search.

Example:

Search | Maternal not Child

Search terms	Results (Bing)
Maternal	58,000,000
Child	45,700,000
Maternal not Child	28,000,000

Wildcard Symbols

* Search | Patent*

Search result: patent, patents, patentable, patented, etc.

* Search | Behavi*r

Search result: behavior, behaviour

? Search | Wom?n

Search result: woman, women

Steps for Doing Research on the Internet

Step 3

Identify keywords, phrases and subject categories to use in your search.

keyword

Steps for Doing Research on the Internet

Step 4

Read the instructions and tips and techniques for using the search tools you use.

Step 5

Use more than one source and search engines.

Top 10 General Search Engines on Internet

1. Google™

2. YAHOO!®

3. bing™

4. Ask.com®

5. TEOMA℠

6. DuckDuckGo

7. entireweb Beta

8. blekko beta

9.

10. GIGABLAST The Search Engine

Source: Compete.com, 2011

Step 6

Practice Netiquette.

Good Internet Etiquette Tips

1. The Golden Rule.
2. No "flaming".
3. Respect other's Copyrights.
4. Don't type in all CAPS.
5. Don't spam.
6. Be honest.
7. Use proper grammar and spelling.
8. Follow the TOS (Terms of Service).
9. Keep it PG-13.
10. Research your facts/cite sources.

Step 7

Review your progress.

Step 8

Practice critical

thinking.

Quick Tips to Search in Google

1. Explicit Phrase

   Search "Nursing Informatics"

2. Exclude Words

   Search "Nursing Informatics –information technology"

3. Site Specific Search

   Search "Nursing Informatics" site:www.ania-caring.org

Quick Tips to Search in Google

4. Similar Words and Synonyms

   Search

   "Nursing Informatics" - organizations

5. Specific Document Types

   Search

   "Nursing Informatics" filetype:ppt

6. Phone Listing

   Search

   Phonebook:617-555-1212

Quick Tips to Search in Google

7. Area Code Lookup

Search 974

8. Numeric Ranges

Search Medical cases 2000.. 2011

9. Calculator

Search 560 * 5

10. Word Definitions

Search define: nursing

Some Good Health Research Databases/Resources

PubMed (www.pubmed.gov)

- Free database accessing references from medicine, nursing, dentistry, healthcare systems, pre-clinical sciences.

- Indexes 5400 international journals

- Over 21 million records as of July 2011

- 11.9 million articles/abstracts

- 3.3 million articles in full text for free

Some Good Health Research Databases/Resources

SCIRUS (www.scirus.com)

- Comprehensive science-specific search engine
- Pinpoints scientific, technical and medical data
- 410 million science-related pages

POPLINE (www.popline.org)

- contains citations with abstracts to scientific articles, reports, books, and unpublished reports in the field of population, family planning, and related health issues.
- Has nearly 370,000 records

Some Good Health Research Databases/Resources

HighWire (www.highwire.stanford.edu)

- Offers a complete manuscript submission, tracking, peer review and publishing system for journal editors.
- Has 1551 journals, reference works, books and proceedings.

Global Health Library (www.globalhealthlibrary.net)

- Access to information and scientific evidence on health, particularly in developing regions.
- Led by WHO as part of its strategy of knowledge management in global public health.

Some Good Health Research Databases/Resources

Drug Information Resources

- Drug Information Portal

  www.druginfo.nlm.nih.gov

- DailyMed

  www.dailymed.nlm.nih.gov

- ChemlDplus

  www.chem.sis.nlm.nih.gov/chemidplus/

Some Good Health Research Databases/Resources

Consumer Health Resources

- MedlinePlus

    www.medilineplus.gov

- Arabic Sites

    www.healthinfotranslations.com/arabic.php

    www.minhaal.ae/portal/mhp/HomeAE

- AHFS Consumer Medication Information

    www.ncbi.nlm.nih.gov/bookshelf/br.fcgi?book=meds

Some Good Health Research Databases/Resources

Evidence-Based Practice Resources

- Trip Database   www.tripdatabase.com

- Campbell Collaboration www.campbellcollaboration.org

- National Guideline Clearinghouse www.ngc.gov

- AHRQ www.ahrq.gov/clinic/epcix.htm

- Quality Health Care www.qualityhealthcare.org

Some Good Health Research Databases/Resources

Other Evidence-Based Practice Resources

- Centre for Clinical Effectiveness

  www.med.monash.edu.au/healthservices/cce

- National Quality Measures Database

  www.qualitymeasures.ahrq.gov

- EBP Resources on Web

  www.acestar.uthscsa.edu/Resources_www.htm

- Virtual Nursing Center

  www.martindalecenter.com/Nursing.html

If you steal from one author, it's plagiarism; if you steal from many, it's research.

Wilson Mizner

QUESTIONS?