Web of Knowledge Journal Citation Reports

Definitions:

These definitions have been lifted directly from the Journal Citation Reports web site at:
http://admin-apps.isiknowledge.com/JCR/help/h_impfact.htm#impact_factor

Impact Factor

Journal Impact Factor
The journal Impact Factor is the average number of times articles from the journal published in the past two years have been cited in the JCR year. The Impact Factor is calculated by dividing the number of citations in the JCR year by the total number of articles published in the two previous years. An Impact Factor of 1.0 means that, on average, the articles published one or two years ago have been cited one time. An Impact Factor of 2.5 means that, on average, the articles published one or two years ago have been cited two and a half times. Citing articles may be from the same journal; most citing articles are from different journals.

5-Year Journal Impact Factor
The 5-year journal Impact Factor is the average number of times articles from the journal published in the past five years have been cited in the JCR year. It is calculated by dividing the number of citations in the JCR year by the total number of articles published in the five previous years. The 5-year Impact Factor is available only in JCR 2007 and subsequent years. You may calculate the 5-year Impact Factor using an earlier JCR year as a starting point by following these instructions.

Aggregate Impact Factor
The aggregate Impact Factor for a subject category is calculated the same way as the Impact Factor for a journal, but it takes into account the number of citations to all journals in the category and the number of articles from all journals in the category. An aggregate Impact Factor of 1.0 means that, on average, the articles in the subject category published one or two years ago have been cited one time. The median Impact Factor is the median value of all journal Impact Factors in the subject category. The Impact Factor mitigates the importance of absolute citation frequencies. It tends to discount the advantage of large journals over small journals because large journals produce a larger body of citable literature. For the same reason, it tends to discount the advantage of frequently issued journals over less frequently issued ones and of older journals over newer ones. Because the journal impact factor offsets the advantages of size and age, it is a valuable tool for journal evaluation.

The following definitions are found at http://admin-apps.isiknowledge.com/JCR/help/h_eigenfact.htm

Eigenfactor Score
The Eigenfactor Score calculation is based on the number of times articles from the journal published in the past five years have been cited in the JCR year, but it also considers which journals have contributed these citations so that highly cited journals will influence the network more than lesser cited journals. References from one article in a journal to another article from the same journal are removed, so that Eigenfactor Scores are not influenced by journal self-citation.

Article Influence Score
The Article Influence determines the average influence of a journal's articles over the first five years after publication. It is calculated by dividing a journal's Eigenfactor Score by the number of articles in the journal, normalized as a fraction of all articles in all publications. This measure is roughly analogous to the 5-Year Journal Impact Factor in that it is a ratio of a journal's citation influence to the size of the journal's article contribution over a period of five years. The mean Article Influence Score is 1.00. A score greater than 1.00 indicates that each article in the journal has above-average influence. A score less than 1.00 indicates that each article in the journal has below-average influence.

The following pages show Step-by-Step how to access the Web of Knowledge Journal Citation Reports starting from the Flinders University Library home page.
Access the Web of Knowledge from the Flinders University Library home page. Select Databases.
Under the Major Citation Databases section, scroll down until you can see the list to W

Select Web of Knowledge GO button
Click the Select a Database Tab

Choose Journal Citation Reports
To Search for a Specific Journal

1. Select the JCR Social Sciences Edition
2. Select Search for a specific journal
3. Click the SUBMIT button
1. Choose what you would like to **Search by**: by clicking an option in the drop-down box
2. Type in the journal title, word, or ISSN in the **Type search term**: box
3. Click the **SEARCH** button
You can now see the Impact Factor etc. for that journal.

To see the details behind the data, click on the **Journal Title**
You can now see the calculations behind the Impact Factor etc. or scroll down to see more data and charts for the specific journal.

To see definitions for each type of data – e.g. definition of Impact Factor - click on the information button.

To see the journal’s ranking in its category click on the JOURNAL RANKING button.
This shows you:

- which category the journal is listed in
- total number of journals in the category
- the specific journal’s rank in the category
To search for a journal by **Subject Category**

4. Select the **JCR Social Sciences Edition**
5. Select an option
6. Click the **SUBMIT** button
1. If you have chosen to view a group of journals by **Subject Category**, scroll to the category you wish to view and click to highlight.

2. Click the **View Journal Data** radio button to view information about journals in the selected category.

3. Select from the drop-down box how you would like the journals to be sorted.

4. Click the **SUBMIT** button.
A list of journals will be displayed, the column on which they are sorted highlighted in pale yellow, in this case **Journal Title**.

**Important Note** that the **Rank** is determined by the sort criteria chosen.

The summary information for all journals in the category includes **Impact Factor, 5-Year Impact Factor, Immediacy Index, Articles, Cited Half-life, Eigenfactor Score**. As noted above, definitions of these can be accessed directly by clicking the round **information button**

To view detailed data about a particular journal click on the title.
By selecting a particular journal you can see the detailed data which includes the calculations and values on which the impact factor etc. are based for that journal.
Scroll down to see all data items and associated charts.

Click the information button on each for definitions.
To return to the list of journals in the category click the **Return to List** button.