

# OECD Category Scheme

OECD Category to Web of Science Category Mapping 2012<sup>1</sup>

## Scheme Scope

The OECD Category scheme corresponds to the Revised Field of Science and Technology (FOS) Classification of the Frascati Manual 2002 (OECD Publishing) (<http://www.oecd.org/dataoecd/36/44/38235147.pdf>).

The OECD classification hierarchy is broken up into two levels: six (6) MAJOR codes and forty-two (42) minor codes. Data on research performance data in a superordinate (MAJOR) field incorporate data on research performance in subordinate fields. For example, a report on research in AGRICULTURAL SCIENCE (4) will include data on research in all five subordinate subject fields (4.1-4.5); however, because of journal overlap between Web of Science (WoS) categories, the figures for the superordinate category will not necessarily equal the sum of the subordinate fields.

All Web of Science categories are represented in the mapping, and multiple Web of Science categories can be mapped to the same OECD category; however, in nearly all cases (save for FOOD SCIENCE & TECHNOLOGY in OECD 4.05 and 2.11), Web of Science categories are mapped to one OECD minor category.

All six (6) OECD MAJOR codes are represented in the final mapping, but not all forty-two (42) OECD minor codes are represented; the following OECD minor codes have been intentionally omitted:

4.04 Agricultural Biotechnology  
3.04 Health Biotechnology  
3.04 Other Medical Sciences

## Scheme Type

Category-to-category mapping where OECD classifications are mapped to current Web of Science categories (Web of Science categories current as of 31 December 2012).

## Method

OECD published its new field of science and technology (FOS) classification scheme on Feb 26, 2007 (<http://www.oecd.org/dataoecd/36/44/38235147.pdf>). It adopted a hierarchical classification scheme, in which the science and social science are separated into six major subject categories. Within each subject category there are several minor subject categories.

According to the descriptions of each minor subject category in the FOS, minor subject categories consist of several fields similar to Web of Science (WoS) subject areas. So combining and comparing the OECD FOS and Scope Notes for Science Citation Index Expanded (SCI-E), Social Science Citation Index (SSCI), and Arts & Humanities Citation Index (AHCI) (<http://science.thomsonreuters.com/mjl/scope/>), each WoS subject area was assigned to an OECD minor subject code with manual input; OECD MAJOR subject categories were created by de-duplicating WoS to OECD minor code relationships.

The mapping of WoS subject area to CSC category must be reviewed periodically because WoS subject areas may change from one year to the next. The WoS subject areas LOGIC and AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY are new to WoS for 2012. The WoS subject area GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY is new to WoS for 2016. These have been mapped as follows:

WoS Subject Area	OECD Classification
LOGIC	1.01 Mathematics

1. <http://help.prod-incites.com/inCites2Live/5305-TRS.html> (OECD Category Mapping 2012)

LOGIC	1.02 Computer & Information Sciences
AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY	3.02 Clinical Medicine
GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	1 NATURAL SCIENCES
GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	1.04 Chemical sciences
GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	1.05 Earth and related environmental sciences
GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	2 ENGINEERING AND TECHNOLOGY
GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	2.07 Environmental engineering

## Research Area Scheme Selection and Total Results

Each Research Area scheme maps uniquely to the research areas/journals established with the Web of Science Core Collection. For that reason, document totals within the results table will not necessarily correspond to the same total displayed when Web of Science is selected. You can view how categories relate to those in Web of Science Core Collection by viewing the mappings included in each of the Research Area descriptions.

### Fields

Name	Value
product	InCites
Indicator	false

### Fields

Name	Value
trs_topicType	concept
product	InCites
Indicator	false
draftStatus	false
reviewComplete	false