

Mental Measurements Yearbook Tutorial:

How to identify tests and access test reviews

using an EBSCO database

Introduction

When you need a specific type of test for your research or training, how do you choose from the vast array of commercially available testing products?

This guide explores how to navigate the Buros Center for Testing's Mental Measurements Yearbook databases <u>from EBSCO</u>. These databases promote appropriate test selection by helping researchers identify and evaluate commercially available tests, although they do not provide access to the tests themselves.

In this short guide, you will learn:

- key features of the major reference volumes published by the Buros Center for Testing
- how to obtain information about specific tests and access reviews of those tests
- how to locate tests that serve a particular purpose
- how to use the databases to limit results according to population or construct

Overview of Reference Works

The combined content of three major reference works produced by the <u>Buros Center for Testing</u>, an independent, non-profit organization within the University of Nebraska–Lincoln, are available via electronic subscriptions offered by EBSCO. The three reference works are the Mental Measurements Yearbook (MMY) series, Tests in Print (TIP), and Pruebas Publicadas en Español (PPE).

EBSCO offers database products that include content from the:

- MMY only (named Mental Measurements Yearbook),
- MMY and TIP (named Mental Measurements Yearbook with Tests in Print), and
- MMY, TIP, and PPE (named Mental Measurements Yearbook with Tests in Print Internacional).

This tutorial applies to all three databases using the general name "Mental Measurements Yearbook (MMY) database," as the MMY database forms the foundation of all the databases.

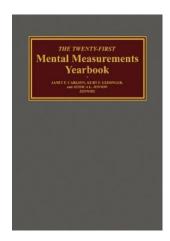
Watch this <u>video</u> about the MMY databases from EBSCO and/or read through the following pages for a quick introduction.

Mental Measurements Yearbook (MMY)

MMY is a serialized publication that contains independent reviews of commercially available tests.

In the U.S., educational and psychological tests are not regulated by the government, so the test reviews published in the MMY series serve to promote and encourage informed test selection and use. Typical MMY test records include detailed descriptive information (using the same fields described below for Tests in Print) and two reviews written by doctoral-level professionals in specific fields.

Since the publication of the first Mental Measurements Yearbook (1938), more than 7,500 tests have been reviewed. More information about MMY

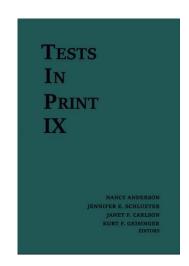


Tests in Print (TIP)

TIP serves as a comprehensive bibliographic listing of all known commercially available tests that are currently in print in the English language. Information in TIP can help users identify tests to consider further or to rule out those tests that fail to meet a user's needs. More information about TIP.

Results for test records from TIP include descriptive fields detailing:

- test purpose
- test scores
- intended test population
- test publisher
- price
- test acronym
- forms/versions available from the publisher
- administration times and format
- publication date(s)
- in-print status
- cross-references to MMY reviews, where applicable
- test author(s)



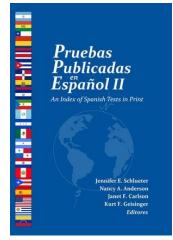
Pruebas Publicadas en Español (PPE)

PPE provides descriptive listings of more than 600 commercially published tests that are available in part or wholly in Spanish. PPE content appears in both Spanish and English and serves as a ready reference book for practitioners, researchers, teachers, librarians, and other professionals who work with clients or students who speak Spanish or train those who do.

More information about PPE.

Results for test records from PPE include the descriptive fields listed for TIP as well as fields for:

- norms
- origin (language, country)
- translation/adaptation
- components in Spanish
- components in English



Comprehension Check:

True or False?: Typical test records found in the MMY database will include two independent reviews.

Answer: True. There are approximately 7,850 records with reviews and approximately 650 TIP records without reviews.

True or False?: The MMY database provides access to the actual test forms for educational purposes.

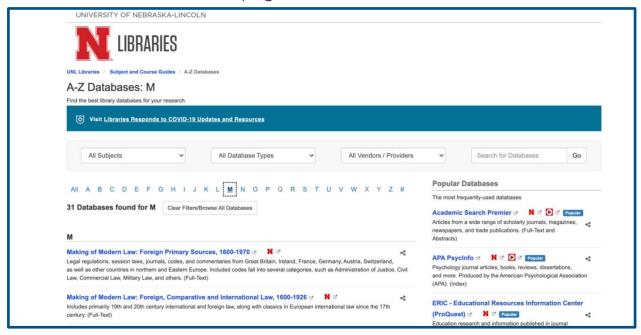
Answer: False. This database provides information about tests, not the tests themselves. Use the database to locate contact information for test publishers so you may acquire tests or testing materials.

Accessing the Mental Measurements Yearbook Database

The database will allow you to search using a variety of fields, including test name or acronym. If you have difficulty accessing the database using the instructions below, please contact your university librarian.

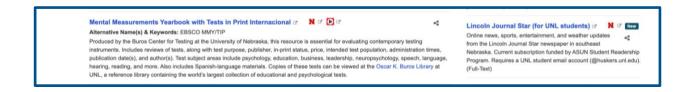
To access MMY reviews, go to your campus library's homepage, then find the Resources tab or menu to select Databases. From the alphabetical listing of databases, select M.

**Note that database search pages will look different at different institutions.



Scroll down to locate and select a MMY database. As noted earlier, libraries can subscribe to one of three MMY databases:

- 1) Mental Measurements Yearbook
- 2) Mental Measurements Yearbook with Tests in Print
- 3) Mental Measurements Yearbook with Tests in Print Internacional



Searching the Database: Basic Searching

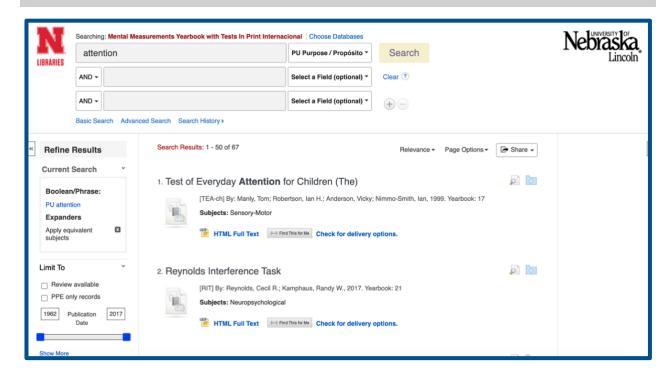
If you are familiar with other EBSCO databases, you know that searching is pretty straightforward. However, the MMY database works somewhat differently from others with which you may be familiar. This section will help you be more successful in your approach.

Let's say you're interested in finding tests that are related to measuring a specific construct or topic, such as attention. The MMY database provides a number of different fields to help you easily limit your search results, based on your specific testing needs.

Example:

- 1. Type the term "attention" into the first box.
- 2. Change the dropdown menu next to the search term "attention" from Select a field (optional) to PU Purpose/Propósito.
- 3. Click Search.

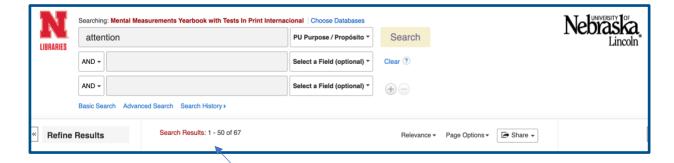
Your search results should look similar to the following screenshot from University of Nebraska-Lincoln's library.



Comprehension Check:

Question: How many results are found with the word "attention" in the purpose field?

Answer: 60-80



Number of search results

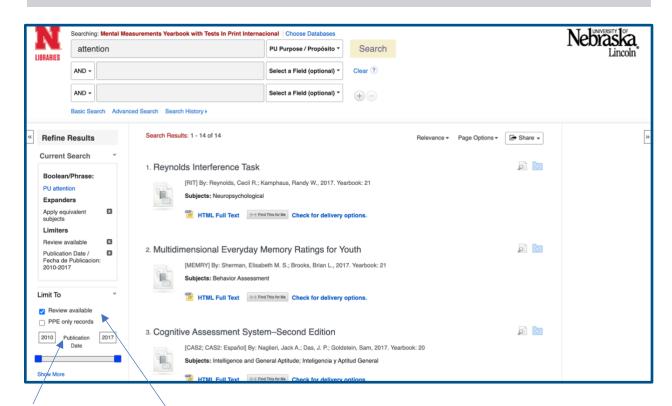
Searching the Database: Limiting Your Search

There are a number of additional limiters that can be helpful for quickly locating the most relevant instruments for your needs.

Example:

- Look for the Refine Results column to the left of your search results. If this is hidden, expand the Search Filters menu by clicking the >> arrows.
- 2. It might be good to have something relatively recent. Under Limit To (click to expand), change the earliest Publication Date to 2010.
- 3. While it's great that there are so many tests out there on this topic, it would be really helpful to see only tests that have been reviewed in the Mental Measurements Yearbook. Under Limit To, check the box that says Review available.

Your search results should look like the following.



Publication date

Limit to review available

Comprehension Check:

Question: How many tests on attention, published since 2010, have been reviewed?

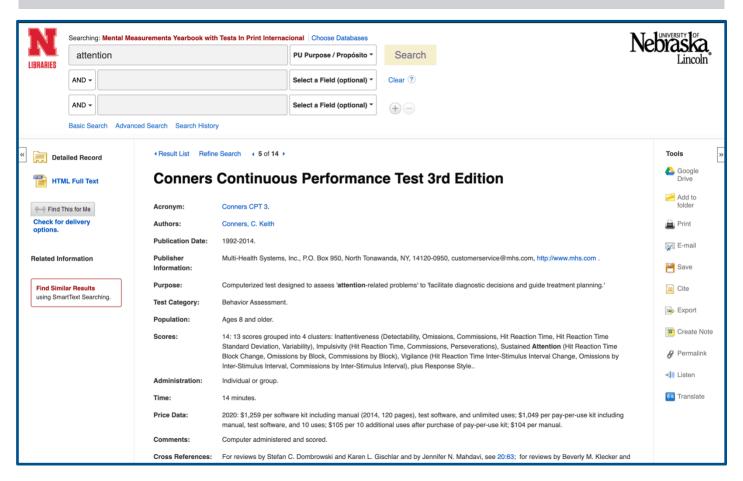
Answer: 10-20

Evaluating and Selecting Tests: Using Test Information and Reviews from MMY

Once you have identified a test, there is a significant amount of information that you can gain about the test and the population it serves. Types of information include test purpose, intended test population, price, and publication date. The following example illustrates the type of information that is available about a test.

Example:

- 1. From the list of results at right, click on Conners Continuous Performance Test 3rd Edition.
- At the top of each record you will find a summary of facts about each test, written by personnel from the Buros Center and based on the test manual and other materials provided by the test publisher. Please refer to A Guide to the Descriptive Entries in the <u>Appendices</u> for more information about the test reviews.
- 3. Looking at the top part of the record for Conners Continuous Performance Test 3rd Edition, see if you can answer the following questions.



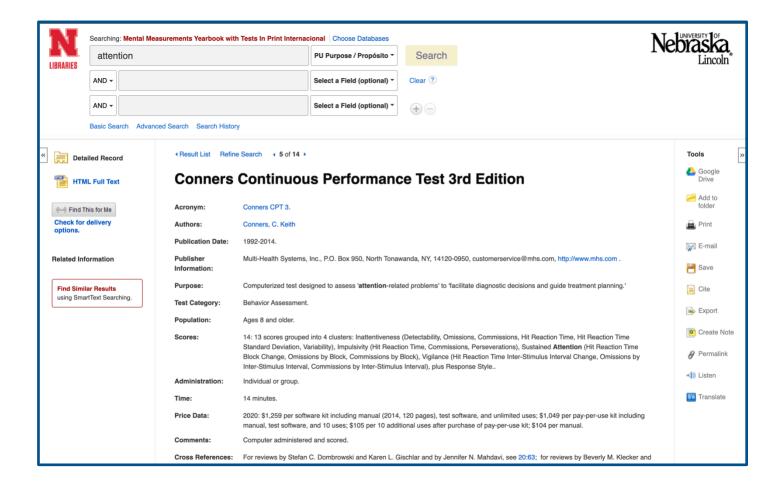
Comprehension Check:

Question: What age group, or population, is this test appropriate for?

Answer: Ages 8 and older

Question: Approximately how long does it take to administer the Conners?

Answer: 14 minutes



Below the descriptive information, you will find the published reviews of the test, written by independent reviewers external to the Buros Center. You will need to read the reviews closely before deciding whether the test is appropriate for your needs. Reading reviews in their entirety will help you make the most informed decisions. Reviews include a brief summary of the reviewer's conclusions and recommendations about the quality of the test, which may help you rule out some tests so you can consider carefully those that remain.

Reviews published since 2001, including the one in this example, are composed of the following sections:

- Description General descriptive information such as the purposes of the assessment, the intended uses, and administration and scoring procedures.
- Development How the instrument was developed, what underlying
 assumptions or theory guided the test developer's decisions about how to
 define the construct the instrument is supposed to measure, and details
 on item development.
- **Technical** Covers standardization, reliability, and validity.
- Commentary Overall strengths and weaknesses of the test according to the reviewer.
- **Summary** The reviewer's conclusions and recommendations about the quality of the test.

If you are unfamiliar with some of the technical terms used in a test review, the Buros Center provides several glossaries of testing, assessment, and measurement terms on the Assessment Literacy Page.

Example:

If you scroll past the information about the test to the reviews of the Conners Continuous Test Performance 3rd Edition you should find the following information on your screen.

Conners Continuous Performance Test 3rd Edition



Review of the **Conners Continuous Performance Test 3rd Edition** by STEFAN C. DOMBROWSKI, Professor & Director, and KAREN L. GISCHLAR, Assistant Professor, School Psychology Program, Rider University, Lawrenceville, NJ:

DESCRIPTION. The **Conners Continuous Performance Test 3rd Edition** (**Conners** CPT 3) is designed to assess attention-related problems in individuals ages 8 years and older and can be used in the evaluation process for disorders such as attention-deficit/hyperactivity disorder (ADHD). **Test** administration requires the individual to respond to letters displayed on a computer screen, with the exception of the letter X, by pressing the keyboard's space bar or the mouse button. Each letter is

Example:

Scroll past the SUMMARY section of this first review.

SUMMARY. Despite the **Conners** CPT 3's technical shortcomings, the extant research literature and the **Conners** CPT 3 manual provide evidence that the measure may a useful adjunct to clinicians who seek to differentiate individuals with attention-related difficulties from those without. As noted by the **test** author, the **Conners** CPT 3 should not be relied upon as a standalone measure of attention. REVIEWERS' REFERENCES

Eliason, M. J., & Richman, L. C. (1987). The **continuous performance test** in learning disabled and nondisabled children. Journal of Learning Disabilities, 10, 614–619.

Mahalanobis, P. C. (1936). On the generalized distance in statistics. Proceedings of the National Institute of Sciences of India, 2, 49–55.

Ogundele, M. O., Ayyash, H. F., & Banerjee, S. (2011). Role of computerized **continuous performance** task **tests** in ADHD. Progress in Neurology and Psychiatry, 15, 8–14.

Thorndike, R. L. (1949). Personnel selection: Test and measurement techniques. New York, NY: Wiley.

Comprehension Check:

Question: In the SUMMARY section of the first review from Dombrowski & Gischlar, what is one recommendation the reviewers make regarding this test?

Answer: They state that the test should not be relied upon as a standalone measure of attention.

Searching the Database: Using Test Name or Acronym

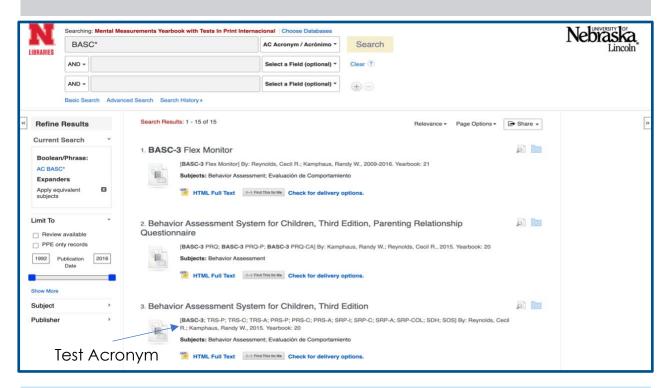
The MMY database enables you to search for instruments in many ways, including by test title, scores, purpose, population, author, and publisher.

Researchers might know a test by its popular name or its acronym. For example, let's say your instructor referenced the BASC-3 instrument in class, but you don't know much about it.

When you're using search terms that could have variant endings (e.g., computer, computers, computing, computational) it can be helpful to use EBSCO's wildcard search by using an asterisk (*), sometimes referred to as truncation searching.

Example:

- 1. Under the search boxes at the top of the screen, click Advanced Search to clear your previous search filters.
- 2. Type BASC* into the top search bar.
- 3. In the dropdown menu to the right of the search bar, change Select a field (optional) to AC Acronym.
- 4. Click Search.



Comprehension Check:

Question: What is the complete name of the BASC-3?

Answer: Behavior Assessment System for Children, Third Edition

Citing a Test Review

One frequent challenge for students and researchers is determining how to cite the resources in this database. Citations for tests and for test reviews differ. When citing a test, consult an appropriate style manual. To cite a test review, refer to the examples the Buros Center for Testing provides for different scenarios and yearbooks on the <u>Buros website</u>.

The typical format is the following:

Reviewer, R. R. (date). [Test review of <insert Test Title>]. In A. A. Editor, B. B. Editor, & C. C. Editor (Eds.), The <spell out number> mental measurements yearbook. Buros Center for Testing.

Comprehension Check:

Question: What does the following citation refer to?

Dombrowski, S. C., & Gischlar, K. L. (2017). [Test review of Conners Continuous Performance Test 3rd Edition]. In J. F. Carlson, K. F. Geisinger, & J. L. Jonson (Eds.), The twentieth mental measurements yearbook. Buros Center for Testing.

Answer: One of the two published reviews of the Conners Continuous Performance Test. You would cite each of the published reviews separately for proper attribution.

Conclusion

Finding tests to suit your needs as a researcher or educator is a complicated process. The MMY database is an excellent tool, enabling you to easily search for information about thousands of commercially available instruments. The Buros Center for Testing is an extensive resource for researchers, providing guides, digital resources, and answers to <u>frequently asked questions</u>, such as:

Question: The test I am considering for use is not reviewed in the MMY. Are there any guidelines available to help me evaluate this test's quality?

Answer: When selecting or evaluating a test it is important to consider content coverage, intended use, administration guidelines, validity evidence, reliability evidence, reporting recommendations, and bias investigations (for additional details consult our <u>Guides & Digital Resources</u> page). The <u>Standards for Educational and Psychological Testing</u> published by the American Educational Research Association (AERA), American Psychological Association (APA), and National Council on Measurement in Education (NCME) provide comprehensive criteria for evaluating the quality of tests and assessments. Criteria for MMY reviews are informed by those standards. More information about other standards, codes, and guidelines that inform appropriate testing practices in the professions can be found on the <u>Assessment Literacy</u> page.

Question: How do I obtain an actual test after I've read the review?

Answer: The Buros Center for Testing does not publish, distribute, or administer tests. To acquire tests or testing materials, you will need to contact the test publisher. Publishers' addresses (and in many cases phone numbers, email addresses, and websites) are available by searching the publisher field on Test Reviews Online. The *Tests in Print* book series also provides contact information for test publishers.



Mental Measurements Yearbook and Tests in Print

A Guide to the Descriptive Entries

Entry Number: Number cited in all indexes when referring to this test.

Title: Test titles are printed in boldface type; secondary or series titles are set off by colons.

Population: A description of the groups for whom the test is intended.

Administration: Individual or group is indicated.

Distribution: This is noted only for tests that are put on a special market by the publisher.

Time: Amount of time to take and administer the test. The first number is the working time allowed examinees; the second (parenthesized) number is the total time needed to administer the test.

Cross References: For tests that have been previously listed in a Buros publication, cross references to the reviews, excerpts, and references will be noted here. "9:1410," for example, refers to test 1410 in the *Ninth Mental Measurements Yearbook*; "T4:3010" refers to test 3010 in *Tests in Print IV*.

[420]

The Hypothetical Test: Reading

Purpose: Designed to "measure achievement

in reading."

Population: Grades 9-12. Publication Dates: 1989-1994.

Acronym: HYPE. -

Scores, 3: Vocabulary, Comprehension, and

Total.

Administration: Individual or group.

Forms, 3: Survey, Abbreviated, Complete -

Battery.

Restricted Distribution: Distribution of survey

form resitricted to school principals.

Price Data, 2020: \$135 per complete kit including 100 test forms, scoring key, and manual (1998, 120 pages); \$20 per scoring key; \$75 per manual.

Foreign Language Editions: Survey formavailable in Spanish.

Time: 50(60) minutes.

Comments: May be self-scored.

Author: Jane J. Doe.

Publisher: Hypothetical Tests, Inc. —

Cross References: See T4:3010 (2 references); for reviews by John Roe and Robert Smith of an earlier edition, see 9:1410 (6 references).

Purpose: A brief, clear statement describing the purpose of the test; often a quotation from the manual.

Publication Dates: The inclusive range of publication dates.

Acronym: Acronym by which the test may be commonly known.

Scores: The number and names of explicit scores.

Forms: All available forms, parts, and levels are listed.

Price Data: Price information is reported for test packages, answer sheets, accessories, specimen sets.

Special Editions: Various types of special editions are listed here, including languages and large print.

Comments: Notations and remarks.

Author: All test authors' names are reported, exactly as printed on the test materials.

Publisher: The publisher's full address can be found in the Publishers Directory and Index.

This is not copyrighted material. Reproduction and dissemination are encouraged.

See the Buros Center for Testing website at buros.org.

Buros Center for Testing University of Nebraska-Lincoln

21 Teachers College Hall Lincoln, NE 68588-0348