

Evidence-Based Practice in PubMed: Are Shared Filters Useful to Health Sciences Academic Users?

In April 2010, the Université de Montréal's Health Sciences Library implemented filters in its shared My NCBI account. Most of these filters were designed to highlight evidence-based practice (EBP) resources.

Sets of data and distribution of respondents

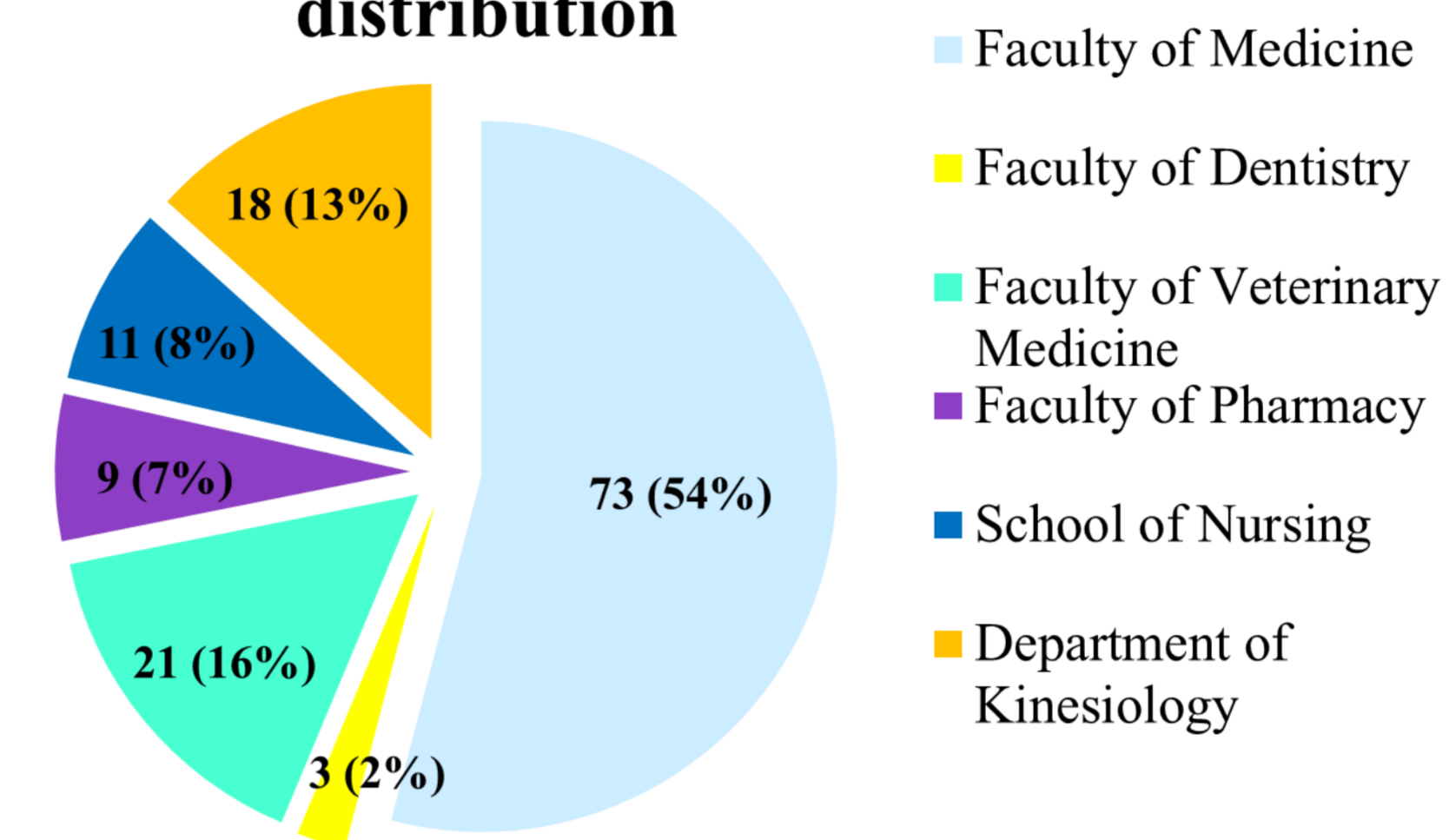
- For the month of February 2012, a web-based survey was available to all users accessing PubMed through the library's Web site and catalog.

135 respondents completed the web-based survey.

- Hard copies were also distributed to 4th year Medical Students two weeks after attending an EBP literacy workshop.

86 4th year M.D. students completed the hard copy survey.

Web-based survey respondents distribution



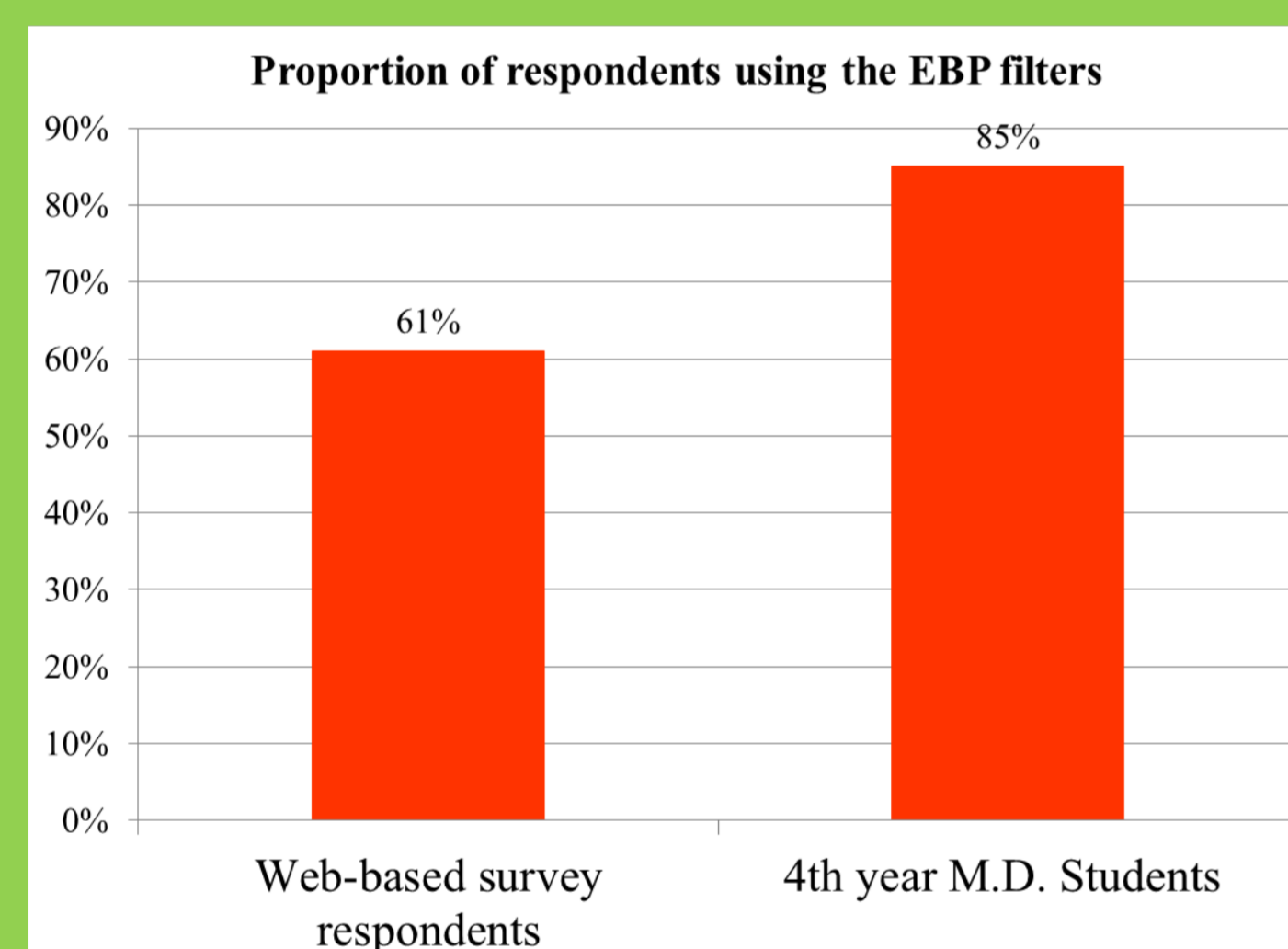
Shared filters available in the search results display prior to revision

Filter your results:

- All (3247)
- Published in the last 5 years (3247)
- Review (389)
- French or English (3049)
- French (34)
- Articles en traitement (sans MeSH) (612)
- Practice Guidelines (9)
- EBM : Systematic Reviews (173)
- EBM : Cochrane Database of Systematic Reviews (16)
- EBM : Clinical Evidence (1)
- EBM : Randomized Controlled Trials (Therapy/Narrow) (186)
- EBM : Diagnosis/Narrow (57)
- EBM : Etiology/Narrow (563)
- EBM : Prognosis/Narrow (473)
- EBM : Articles évalués dans les revues de pratique factuelle (3)
- Core Clinical Journals (487)

EBP Filters

EBP filters usage for all* respondents



- **38%** of all* respondents choose UdeM's configured PubMed over standard PubMed because of the EBP filters.

Top 5 EBP filters :

- 1- Systematic Reviews
- 2- Cochrane DSR
- 3- Practice Guidelines
- 4- RCT
- 5- Clinical Evidence

- However, **18 %** of all* respondents indicated that they do not understand the relevance of the shared filters.

- **9 %** of all* respondents find the shared filters not to be useful.

Revised shared filters

Filter your results:

- All (3247)
- Free Full Text (763) **Added**
- Published in the last 5 years (3247)
- Review (389)
- French or English (3049)
- French (34)
- In process & As supplied by publisher articles (612) **Renamed**
- Systematic Reviews & Meta-Analyses & Practice Guidelines (173) **Combined**
- Cochrane Database of Systematic Reviews (16)
- Clinical Evidence (journal) (1)
- Clinical Studies - Randomized Controlled Trials (Therapy) (186)
- Clinical Studies - Diagnosis (57)
- Clinical Studies - Etiology (563)
- Clinical Studies - Prognosis (473)
- Evidence-based Synopses (3)
- Core Clinical Journals (487)

Filters renamed

Filters allowing rapid access to secondary resources were ranked among the most relevant.

The fact that some respondents did not know whether the filters were relevant to them or not will be addressed through our PubMed workshops and online library guides.

Transformation of shared filters based on suggestions:

- Some were combined
- Some were enhanced or renamed
- Some were added.

Distribution of web-based survey respondents and EBP filters usage

