The research aims at studying users' satisfaction with the use of Thai economic periodical indexes, assigned by controlled and uncontrolled vocabularies, in terms of the vocabularies used, search output and search time ; assessment of the information retrieval by using the indexes in the recall and precision ratios ; problems and obstacles in using both types of indexes.

The result of the study reveals that users are more satisfied with the indexes assigned by uncontrolled vocabularies in terms of vocabularies used, as well as search output and search time than those assigned by controlled vocabularies. When the search output is calculated for the recall and precision ratios, it is found that the information retrieval by controlled vocabularies and that by uncontrolled vocabularies are related that is when the recall ratio increases, the precision ratio will also increase. However, in calculation for statistic correlation, it is found that the recall and precision ratios are correlated at low level. The largest group of users think that problems in using controlled vocabularies are caused by the fact that there are no indexes needed in the database and that there are not enough of them to be chosen. The largest group of users of uncontrolled vocabularies face the problem of the vocabularies having repetitive meanings.