

Abstract

Background and objectives :

Assessing and measuring activities are among the most final and important tasks of managing a system, such as a national health care system. Given that various economic, social, and political factors play a role in improving the mental health of a society, the present study attempts to highlight the results of the activities of the health sector and other institutions involved in promoting the mental health of society by designing an index composed of major and effective dimensions in this area.

Methods:

The present study was conducted by an exploratory sequential mixed method. During 6 phases, In this regard, at first stage, the studies were conducted in intersectoral collaboration to extract different models, criteria, and indicators by field reviews. At second, the criteria and indicators were extracted in the literature of upstream laws and documents in the intersectoral collaboration in the field of mental health promotion. In the third phase, after reviewing the literature and comments of experts in the field of mental health, the main stakeholders in this field were identified by designing a checklist. In the fourth phase, using the criteria and indicators extracted from the previous phases, the initial criteria were defined through the results of field review, review of upstream documents, and interviews with stakeholders. After measuring the content validity index, the necessary weight was assigned to each index by Shannon's entropy method for the identified indices using the comments of experts in the fields of health, social sciences, and humanities. In the end, the weighted indices were integrated through linear aggregation and the final mixed index was achieved.

Results:

In this study, the indices were divided into two general categories: process (input, process, and output) and output (outcome and impact). Afterwards, 23 indices were counted. The fields of input (6 indices with approximate weight of 0.2608), process (10 indices with weight of 0.4349), output (3 indices with weight of 0.1302), outcome (3 indices with weight of 0.1305), and impact (1 index with weight of 0.0435) were obtained to evaluate these cross-sectoral programs in stakeholder organizations.

Conclusion:

According to the prevailing vision of research, which was the social determinant of mental health, several organizations were involved in this field, and various programs are being implemented, the results of which need to be evaluated. This composite index containing a series of most important and effective individual indices in the field of intersectoral measures can help the planners and managers of the field as an effective tool to evaluate the performance of organizations in the field of mental health promotion and prevent the loss of resources.

Keywords: Composite index, Evaluation, Health promotion, Mental health, intersectoral collaboration



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Title

**Designing composite indicator (indice) of inter–sectoral collaboration for evaluating in
promotional mental health services in Iran**

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