According to the technology upward development, regional and international changes, the economic activity classification has been reviewed in consideration to old version. This review, can improve the quality of statistics and therefore the results of the outcomes of researches in different economic fields. In this paper, the affection of this review pointed on the Iran’s key economic activities which ranked according to the both new and old version of activity classification. To reach this goal, the last input-output table that published by statistical central office of Iran had been used. In this paper, new method of Eigenvector based on Perron-Frobenius theory has been used for positive Irreducible matrix. In this method left and right Eigenvector assigned to the maximum Eigenvalue.

This vectors are the criteria for comparison of backward and forward linkage between sectors of economy. New classification in comparison with the old one have more details. As a result some sectors are not considered as a key sectors although they were in old classification and vice versa. Finally, new activity classification has changed the ranks of different sectors of economic and it has more accuracy than before. Those, the results show that the review of economic activity classification has improved the quality of statistics and the outcomes of this research.