

Using DEA to measure the safety performance of hospital nurses - the case  
of Taiwan Hsinchu area

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Abstract

To construct safety performance, we most did not consider the knowledge and attitude of the staff. However, the implementation of enterprise safety management depends on the system as well as people. The values and beliefs of safety, that is, the safety climate must be included in the discussions of safety management. In order to meet the needs of organizations of self-management, how to construct a safety performance assessment model including organizational safety climate is very important. In the safety management on hospital, the managers pay more attention to the occurrence of safety events even frequency, most education training made for strengthening on how to reduce accidents. Discussion of the quality of the safety performance is lacking. This study conducted a DEA model for safety performance to compare of the regional hospital in Hsinchu, Taiwan, to specify the differences between hospitals. For the management of the hospital, the study results may adjust for hospital safety issues, or Learn to better hospitals.

Keyword : Safety climate, Safety Performance, data envelopment analysis (DEA)