

GOVERNMENT OF PUNJAB (INDIA)  
ECONOMIC AND STATISTICAL ORGANISATION



**DEVELOPMENT OF MEDICAL  
EDUCATION  
AND  
FORECAST OF DEMAND FOR  
AND  
SUPPLY OF HEALTH MANPOWER  
IN  
PUNJAB**

ISSUED BY

THE ECONOMIC ADVISER TO GOVERNMENT, PUNJAB

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## PREFACE

Health manpower is one of those strategic categories of manpower which require detailed planning in advance because it takes a period of 4½ years and sizable investment to turn out a medical graduate. For proper manpower planning of this category, it is essential to collect data regarding its development in the State, present position of employment and probable demand and supply of such personnel in the next five to ten years period. The present report has been prepared keeping into view the above objectives.

The report briefly traces out the history of the development of medical and para-medical education in the State and makes an assessment of the supply of doctors at the end of the Fourth and the Fifth Plans and of para-medical personnel at the end of the Fourth Plan. The report also contains a forecast regarding demand for doctors and other para-medical staff in the corresponding periods. The demand estimates in this report are, however, limited to the public sector alone. Since there is yet unsatisfied demand for medical services in the private sector, it is expected that after meeting the requirement of the public sector, the remaining personnel will get absorbed in the private sector. It is, however, necessary to be constantly aware of the situation so that measures could be taken sufficiently in advance before any symptoms of imbalance in the medical manpower tend to appear on the scene.

The assessment made in this Report indicates that the supply of doctors at the end of the Fourth Plan would be more than sufficient to meet the demand for doctors in the public sector due to the expanding medical health facilities. In fact, it is tentatively estimated, that after meeting the requirements of the public sector, there would be a surplus of 938 doctors, 147 dental doctors, 228 auxiliary nurse mid-wives and 105 lady health visitors by 1973-74. There is yet ample scope of their absorption in the private sector. The categories of sanitary inspectors,

laboratory technicians and radiographers would, however, remain shortage categories in the State. In case of nurses it is expected that their supply would be barely sufficient to meet the demand in the public sector alone. The total number of doctors in the State at the end of the Fourth Plan (1973-74) and Fifth Plan (1978-79) has been estimated at 6,947 and 8,313 respectively. Though the estimates given in this report are tentative, it is hoped that these will prove useful for studying the health manpower situation in the State in its proper perspective.

My thanks are due to Dr. Ajit Singh, Deputy Economic and Statistical Adviser for his guidance and supervision and to Shri Balbir Datt, Research Officer for drafting the report. Acknowledgement is also made of the useful work done by Shri Narinder Nath, Technical Assistant and Shri Harnam Singh, Computer in the collection and compilation of data.

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J. S. SANDHU,  
Economic Adviser to Government,  
Punjab.

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