This session will describe the work of the American College of Radiology (ACR) Commission on Medical Physics (CMP) regarding the professional activities of Medical Physicists in Diagnostic Radiology. The CMP surveyed approximately 400 Medical Physicists who were involved in Diagnostic Medical Physics activities. The analysis of this survey centers on the documentation of the wide range of clinical tasks in Diagnostic Medical Physics. In addition to presenting these data and subsequent analyses, the possible linkage of Medical Physics services with individual patients and examples of potential revenue avenues will be discussed. These data demonstrate the complexity and breadth of Diagnostic Medical Physics activities and will be useful for future strategic planning.