The emphasis on cost reduction associated with Managed Care continues to burden medical physicists. Radiation oncology managers need to defend levels of staffing and other resources in order to maintain acceptable levels of clinical quality. New and emerging high technologies require the purchase of specialized equipment. The manager must provide for both an initial commissioning effort and an ongoing clinical effort from physicists and dosimetrists. Two comprehensive national surveys measure physics and dosimetry personnel resources associated with radiation oncology. These are The Abt Study of Medical Physics Work Values for Radiation Oncology Physics Services, and the Survey of Physics Resources for Radiation Oncology Special Procedures. The former examines routine radiation oncology procedures. The latter addresses the following special procedures: total body irradiation, total skin irradiation, electron arc therapy, intraoperative radiotherapy, stereotactic radiosurgery, stereotactic brachytherapy, high-dose rate brachytherapy, and three-dimensional treatment planning. These survey data provide a national profile standard for resource management. Effort, equipment and cost are analyzed as a function of number of patients treated with routine and special technologies. The data defends staffing levels, resource management decisions, and the cost benefits of treatment centers becoming referral centers for routine or high technology procedures.