

## 2007 Annual Survey of Positron Emission Tomography (PET) Services Summary Finger Lakes Region

The Finger Lakes Health Systems Agency (FLHSA) surveyed providers of PET services in the region (Monroe, Central Finger Lakes, Southern Tier and Western Counties) in March 2008 to monitor the impact of recent additions to capacity and to determine the extent to which PET utilization continued to increase at the pace observed in recent years. This summary describes the PET survey findings.

### Number of Machines:

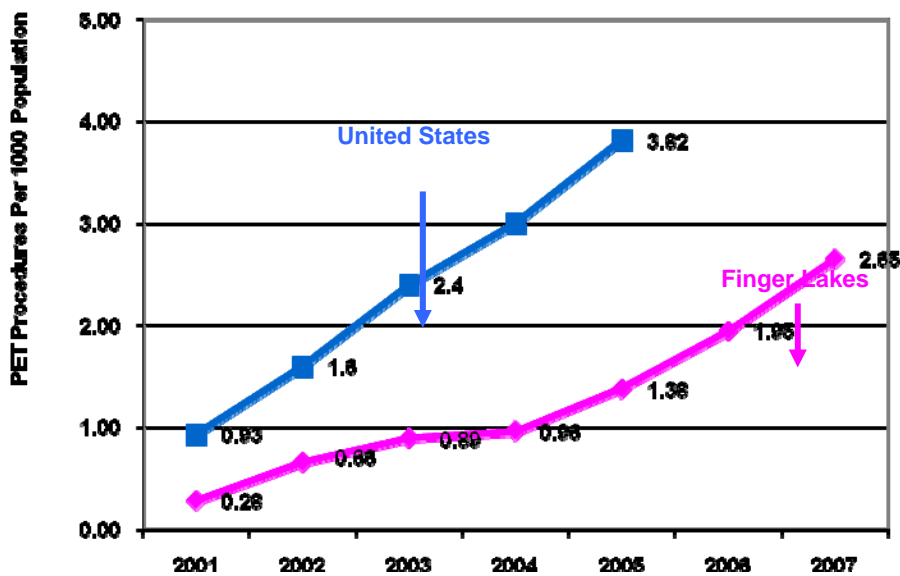
There were 5 PET units among the 9-county Finger Lakes region and 1 unit in the Western region as of December 31, 2007. Of the total of 6 PET scanners, two were stationary and four were mobile. Alliance Imaging serviced all mobile units.

PET capacity is planned to increase slightly in the region, with radiologists at the University of Rochester having obtained local approval to expand use of their PET scanner from 0.6 FTE to full-time.

### Utilization:

Since data related to Western Region PET utilization was submitted for the first time in 2006, this discussion will focus on only Monroe, Central and Southern Tier counties to provide consistency of comparison. Excluding the Western region, utilization was 24.5 percent greater during calendar year 2007 than during 2006. Over the last five years (2003-2007), use of PET scans has increased an average of 20.3% in the Finger Lakes region.

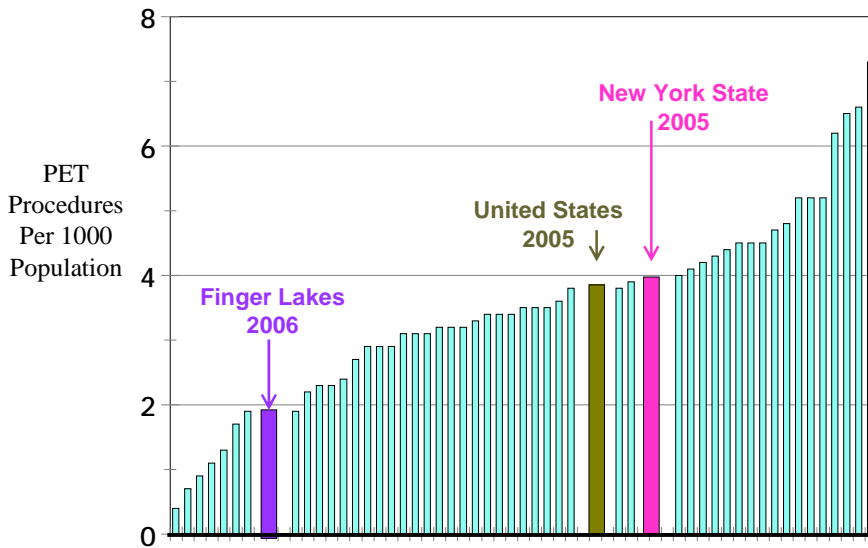
Figure 1: Comparison of PET Utilization Finger Lakes Region and United States, 2001-2006



Data Sources: Finger Lakes Health Systems Agency Annual PET Surveys and IMV Medical Information Division PET Benchmark Reports

Despite the continued growth in the use of PET scans, utilization in the Finger Lakes region remains significantly lower than the average for the rest of New York and for the nation.

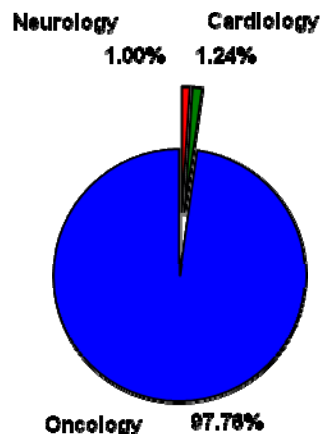
Figure 2: Comparison of PET Utilization Finger Lakes, New York State, and U.S.



Data Sources: Finger Lakes Health Systems Agency Annual PET Surveys and IMV Medical Information Division 2005/2006 PET Benchmark Report

The overwhelming majority (97.76%) of PET scans performed in this region continue to be associated with oncology diagnoses. This compares with 93% of PET scans nationally used for oncology in 2005/2006. While cardiology scans are still a small proportion of areawide scans, perhaps the availability of a local cyclotron to generate specialized radiopharmaceuticals has resulted in almost triple the number of cardiac-related scans performed from 2006 to 2007.

Figure 3: Percent of PET Utilization by Diagnostic Category, Finger Lakes: 2007



Data Source: 2007 Finger Lakes Health Systems Agency Survey of PET Providers