

**MIAMI CHILDREN'S HOSPITAL**  
**STATISTICAL COMPARISON BETWEEN MCH VS NCDB**  
**YEAR 2007**

\* This analysis includes our facility's experiences using cancer registry data. Comparison is made with the National Cancer Database (NCDB) data through benchmark reports and is our primary source for this data comparison.

The National Cancer Data Base (NCDB) is a joint program of the Commission on Cancer (CoC) and the American Cancer Society (ACS) is a nationwide oncology outcomes database for more than 1,400 Commission-approved cancer programs in the United States and Puerto Rico. Some 75% of all newly diagnosed cases of cancer in the United States are captured at the institutional level and reported to the NCDB. The NCDB, begun in 1989, now contains approximately 20 million records from hospital cancer registries across the United States. These data are used to explore trends in cancer care, create regional and state benchmarks for participating hospitals, and to serve as the basis for quality improvement.

(Cases Diagnosed and All/Part First Course Rx at Reporting Facility)  
 Miami Children's Hospital, Miami, FL vs. Hospitals in All States – Data from 91 Hospitals

SITE	MCH 2007		NCDB 2005 HOSP TYPE: COG	
	#	100%	#	%
BRAIN & CNS	50	39.4%	544	20.05
LEUKEMIA	26	20.5%	841	29.10
HODGKINS LYMPHOMA	12	9.4%	92	14.33

**COMPARISON SUMMARY**

Miami Children's Hospital has a greater incidence of Brain & CNS tumors by comparison with the NCDB benchmark, and our incidence of Leukemia and Hodgkin's Lymphoma is lower than the NCDB benchmark.

In reviewing the Cancer Facts & Figures for Hispanics/Latinos 2006-2008 report published by the ACS, Table 4. Childhood Cancer Incidence Rates \* and Ratios by Hispanic Origin, Both Sexes Combined, 2000-2003, in the age range between 0-19 years we note that the ratio of Brain & CNS tumors incidence is 1.4. The ratio of Leukemia incidence is 1.2 and the incidence of Hodgkin's Lymphoma ratio is 1.0. Leukemia occurred more frequently in the Hispanic population, while the incidence of Brain & CNS tumors was higher in the Non-Hispanic white population, and the incidence of Hodgkin's Lymphoma was the same in both populations.

SURVIVAL ANALYSIS