

The Caring Program also evaluated health care utilization and cost data. A paired sample T-test analysis was conducted on 100 Level 2 Caring Program enrollees and 99 control group members. The control group was obtained by identifying children with a special health care need in a similar Highmark commercial product using NCQA criteria of a chronic condition and selecting children with claims data over the same calendar time period as the intervention children. Claims were obtained for the intervention group for the 12-month time period prior to management by the Care Coordinator (T1) and for the 12-month period after management by the Care coordinator (T2). Utilization and cost were defined as those that were associated with each child's medical condition. Savings associated with the Caring Program were determined by comparing costs in the different time periods.

**Paired Sample T-Tests:  
Pre vs. Post Intervention**

For children enrolled in Level 2 of the Caring Program  
(Data is based on claims related to the special health care need)

	Pre-Intervention		Post-Intervention		t statistic	p
	N=100		N=100			
	Mean	SD	Mean	SD		
Number of Hospitalizations	0.29	0.743	0.07	0.256	2.799	0.006
Number of Inpatient Days	1.37	4.315	0.39	2.074	2.035	0.045
Costs of Inpatient Care	1296.02	4901.07	555.16	2999.51	1.27	0.207
Number of ER Visits	0.62	1.448	0.31	0.849	2.651	0.009
Costs of ER Visits	139.94	308.876	92.04	322.38	1.439	0.153
Number of DME by DOS	0.39	1.645	0.56	2.244	-1.092	0.278
Costs of DME	173.19	1077.42	153.64	873.164	0.197	0.844
Number of Specialists Visits	5.8	10.998	4.43	6.366	1.755	0.082
Costs of Specialist Visits	670.65	1225.44	515.6	814.679	1.626	0.107
Costs of Rx Program	1518.13	2802.01	2147.24	6923.99	-0.896	0.372
Total Costs	3797.93	6379.02	3463.68	7891.2	0.378	0.707
Total Costs without Rx	2279.81	5533.66	1316.44	3704.88	1.595	0.114