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## Supplemental Nursing Services

### A Report to the Minnesota Legislature 2005 and 2006

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# Supplemental Nursing Services

## A Report to the Minnesota Legislature 2005 and 2006

Minnesota Department of Human Services  
Nursing Facility Rates and Policy

May 2007

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## **Supplemental Nursing Services: A Report to the Minnesota Legislature 2005 and 2006**

### **I. INTRODUCTION**

Minnesota Statutes, Chapter 256B.039, requires the Commissioner of the Department of Human Services (DHS) to report annually to the legislature on the use of supplemental nursing services in nursing facilities, including the number of hours worked by supplemental nursing services agency (SNSA) personnel and payments to supplemental nursing services agencies. This report is intended to fulfill the requirement for March 2005 and March 2006.

For a description of the SNSA law, its history, intent and provisions, please see *Supplemental Nursing Services: A Report to the Minnesota Legislature* published on April 16, 2003 and *Supplemental Nursing Services 2003: A Report to the Minnesota Legislature* published in January, 2004.

### **II. Cost to Prepare**

Minnesota Statutes 2006, Chapter 3.197 requires reports to the legislature to identify the cost of preparing the report. The cost for preparing this report was \$2,800.

### **III. SNSA Charge Limitation**

Minnesota Statutes, Chapter 256B.039, limits SNSA charges to 150% of the weighted average cost of each position type in nursing facilities, by geographic group. The Department of Human Services is required to determine these charge limits, using data collected from nursing facilities, considering wages, benefits, associated costs and inflation. The department calculates separate limits for holidays and non-holidays.

Table 1 provides information on allowable maximum charges by SNSAs effective July 1, 2005 and July 1, 2006, and Table 2 lists the counties in each geographic group.

### **IV. Data Available**

Data is provided for the twelve year period from 1994 thru 2005, the latest year for which this data is available at the time of this writing. Data is provided for each of the three geographic groups and for the positions RN, LPN and CNA (TMA and CNA are combined). Data for all years shown is for the 12-month period ending on 9/30 of that year, and filed with DHS during the following few months.

Including a year-by-year comparison of SNSA data is not possible for all facilities. Under Minnesota Statutes 256B.434 (commonly known as the Alternative Payment System (APS) statute), nursing facilities have been allowed to remove themselves from the Rule 50 method of rate setting since 1996. Before then, Rule 50 was the mechanism by which nursing facility rates were set and they were based on historical costs. When a facility moved to APS, during its initial years, it filed a "data collection report" rather than a Rule 50 cost report. The data collection report did not require a facility to report costs, only selected statistical data. Without the cost data, a trend analysis of all nursing facility expenses related to SNSA's cannot be produced. Starting in 2001 the data collection report did include costs for some positions, because the SNSA law required the department to use this information for setting charge limits and preparing this report. Therefore, the data for the years 1995 to 2000 does not include all facilities. However, while the number of facilities upon which this data is based varies from year to year, we have no reason to believe that this variation in the number of facilities introduces any significant bias to the overall trends. The number of facilities reporting is shown in Table 3. The total of statewide facilities reported in 2003 is fewer than the number of facilities in the state because Rule 50 hospital attached facilities are not required to provide this data.

#### **V. Enforcement Activities**

In FY 2005 and 2006 MDH conducted surveys of 53 SNSAs. At the time of this writing two enforcement actions are underway.

#### **VI. Number of SNSA Agencies**

As of April 23, 2007 there are 89 SNSAs registered with MDH.

#### **VII. Comparing SNSA Costs per Hour with Employee Costs per Hour**

Trend data for the cost per hour of SNSA workers and nursing home employees is provided in Table 4.

- In examining employee cost per hour figures, for the three geographic groups, the three positions and for changes from 2003 to 2004 and 2004 to 2005, of 18 comparisons, 1 showed a decrease, 2 were essentially level, and 15 increased. Six of the increases noted were greater than 10% over the prior year.
- In the metro geographic group, costs per hour in 2005 exceed the 2000-2001 levels for all three positions. In the non-metro geographic groups, costs per hour were less in 2005 than in 2000-2001 for most positions.
- The average hourly cost may have been influenced by a shift in the portion of SNSA hours used on holidays.

It should be noted that the weighted average wage rates used in Table 1 for determining the allowable maximum charges differ from costs per hour for employees shown in Table 4. This is because the limits in Tables 1 are adjusted upward to allow for the cost of payroll taxes.

#### **VIII. SNSA Hours**

Trend data for SNSA hours is provided in Table 5.

- SNSA hours per 100,000 total hours increased in geographic group I for all three positions in 2005 and for RNs and CNAs in 2004.
- In geographic group II and III and statewide hours either were level or decreased in 2004 and 2005.
- SNSA hours in 2004 were only 26% of their 2001 level and declined further in 2005 to 19% of their 2001 level.

#### **IX. SNSA Costs**

Trend data for SNSA costs is provided in Table 6.

- Total SNSA costs are generally down in geographic groups 2 and 3 and statewide for all three positions and up in geographic group 1 in 2005 after declining slightly in 2004.
- Statewide SNSA total costs for all three positions are down to \$11.3 million in 2004 and \$8.9 million in 2005, from \$20.7 million in 2002 and from \$42.7 million in 2001.
- The one area of concern would be geographic group I, where total SNSA costs increased in 2004 and again in 2005.
- Table 7 shows the cost per resident day of SNSA use. The statewide cost, spread over all facilities declined from \$1.04 in 2004 to \$0.88 on 2005. The cost per resident day spread only over facilities that reported SNSA use declined by only 7 cents, while actually increasing by \$0.56 in geographic group I and \$0.08 in geographic group II.

#### **X. Nursing Home Report Card**

The Minnesota Nursing Home Report Card went live on the MDH web site at [www.health.state.mn.us/nhreportcard/](http://www.health.state.mn.us/nhreportcard/) on January 20, 2006. One of the quality measures in the report card reports on SNSA use by nursing facilities. Table 8 shows the thresholds for awarding between one and five stars and the number of facilities at each level in 2004 and 2005. The number of facilities reporting no SNSA use grew from 252 in 2004, 61.6% of nursing facilities, to 268 in 2005, 67.0%.

## **XI. Conclusions**

While the effect of the SNSA law on actual charges has been relatively small, the effect on utilization of SNSA has been dramatic. In addition, the low level of enforcement activity suggests that the law has been effective at regulating a variety of business practices that were perceived as problematic in the period prior to enactment of the SNSA law.

Table 1

**Weighted Average<sup>1</sup> Wage Rates in Minnesota Nursing Facilities**  
 Sorted by Rule 50 Geographic Groups  
 Annual Increase Effective July 1, 2005

**Weighted Average Wage and Payroll Tax Rates**

<b>Weighted Average Wage Rates After Payroll Taxes and Inflation Effective July 1, 2005</b>			
	<b>Geographic Group</b>		
	<u>One</u>	<u>Two</u>	<u>Three</u>
RN	\$24.62	\$24.96	\$28.38
LPN	\$17.75	\$18.42	\$22.24
CNA	\$12.14	\$12.74	\$14.84
TMA	\$12.68	\$13.96	\$16.57

**Allowable Maximum Supplemental Nursing Service Charge (150%)**

<b>Maximum Allowed Charges Effective July 1, 2005</b>			
	<b>Geographic Group</b>		
	<u>One</u>	<u>Two</u>	<u>Three</u>
RN	\$36.93	\$37.44	\$42.57
LPN	\$26.63	\$27.63	\$33.36
CNA	\$18.21	\$19.11	\$22.26
TMA	\$19.02	\$20.94	\$24.86

<sup>1</sup> Weighted by the number of employees in each job classification.



Table 1 (continued)

**Weighted Average Holiday<sup>2</sup> Wage Rates in Minnesota Nursing Facilities**  
 Sorted by Rule 50 Geographic Groups  
 Annual Increase Effective July 1, 2005

**Weighted Average Wage and Payroll Tax Rates**

<b>Weighted Average Holiday Wage Rates After Payroll Taxes and Inflation Effective July 1, 2005</b>			
	<u>Geographic Group</u>		
	<u>One</u>	<u>Two</u>	<u>Three</u>
RN	\$38.41	\$39.19	\$48.81
LPN	\$27.51	\$30.95	\$39.14
CNA	\$19.18	\$21.53	\$25.82
TMA	\$21.56	\$24.85	\$29.99

**Allowable Maximum Supplemental Nursing Service Holiday Charge (150%)**

<b>Maximum Allowed Holiday Charges Effective July 1, 2005</b>			
	<u>Geographic Group</u>		
	<u>One</u>	<u>Two</u>	<u>Three</u>
RN	\$57.62	\$58.79	\$73.22
LPN	\$41.27	\$46.43	\$58.71
CNA	\$28.77	\$32.30	\$38.73
TMA	\$32.34	\$37.28	\$44.99

The counties in each of the three geographic groups is the same as the non-holiday pay scale.

<sup>2</sup> Days to which these rates apply are based on when the nursing facility pays higher rates to its employees for working recognized holidays.

Table 1 (continued)

**Weighted Average<sup>3</sup> Wage Rates in Minnesota Nursing Facilities**  
 Sorted by Rule 50 Geographic Groups  
 Annual Increase Effective July 1, 2006

**Weighted Average Wage and Payroll Tax Rates**

<b>Weighted Average Wage Rates After Payroll Taxes and Inflation Effective July 1, 2006</b>			
	<u>Geographic Group</u>		
	<u>One</u>	<u>Two</u>	<u>Three</u>
RN	\$24.85	\$25.33	\$28.06
LPN	\$18.32	\$18.84	\$22.66
CNA	\$12.33	\$13.03	\$14.98
TMA	\$13.52	\$14.62	\$16.41

**Allowable Maximum Supplemental Nursing Service Charge (150%)**

<b>Maximum Allowed Charges Effective July 1, 2006</b>			
	<u>Geographic Group</u>		
	<u>One</u>	<u>Two</u>	<u>Three</u>
RN	\$37.28	\$38.00	\$42.09
LPN	\$27.48	\$28.26	\$33.99
CNA	\$18.50	\$19.55	\$22.47
TMA	\$20.28	\$21.93	\$24.62

<sup>3</sup> Weighted by the number of employees in each job classification.

Table 1 (continued)

**Weighted Average Holiday<sup>4</sup> Wage Rates in Minnesota Nursing Facilities**  
 Sorted by Rule 50 Geographic Groups  
 Annual Increase Effective July 1, 2005

**Weighted Average Wage and Payroll Tax Rates**

<b>Weighted Average Holiday Wage Rates After Payroll Taxes and Inflation Effective July 1, 2006</b>			
	<u>Geographic Group</u>		
	<u>One</u>	<u>Two</u>	<u>Three</u>
RN	\$38.77	\$39.77	\$48.26
LPN	\$28.40	\$31.65	\$39.88
CNA	\$19.48	\$22.02	\$26.07
TMA	\$22.98	\$26.02	\$29.70

**Allowable Maximum Supplemental Nursing Service Holiday Charge (150%)**

<b>Maximum Allowed Holiday Charges Effective July 1, 2006</b>			
	<u>Geographic Group</u>		
	<u>One</u>	<u>Two</u>	<u>Three</u>
RN	\$58.16	\$59.66	\$72.39
LPN	\$42.60	\$47.48	\$59.82
CNA	\$29.22	\$33.03	\$39.11
TMA	\$34.47	\$39.03	\$44.55

<sup>4</sup> Days to which these rates apply are based on when the nursing facility pays higher rates to its employees for working recognized holidays.

## Table 2

Geographic group one is the rural group consisting of Beltrami, Big Stone, Cass, Chippewa, Clearwater, Cottonwood, Crow Wing, Hubbard, Jackson, Kandiyohi, Lac Qui Parle, Lake of the Woods, Lincoln, Lyon, Mahnomen, Meeker, Morrison, Murray, Nobles, Pipestone, Redwood, Renville, Rock, Swift, Todd, Yellow Medicine, and Wadena counties.

Geographic group two is the semi-rural group consisting of Becker, Benton, Blue Earth, Brown, Chisago, Clay, Dodge, Douglas, Faribault, Fillmore, Freeborn, Goodhue, Grant, Houston, Isanti, Kanabec, Kittson, LeSueur, McLeod, Marshall, Martin, Mille Lacs, Mower, Nicollet, Norman, Olmsted, Otter Tail, Pennington, Pine, Polk, Pope, Red Lake, Rice, Roseau, Sherburne, Sibley, Stearns, Steele, Stevens, Traverse, Wabasha, Waseca, Watonwan, Wilkin, Winona, and Wright counties.

Geographic group three is the metro group consisting of Aitkin, Anoka, Carlton, Carver, Cook, Dakota, Hennepin, Itasca, Koochiching, Lake, Ramsey, Saint Louis, Scott, and Washington counties.

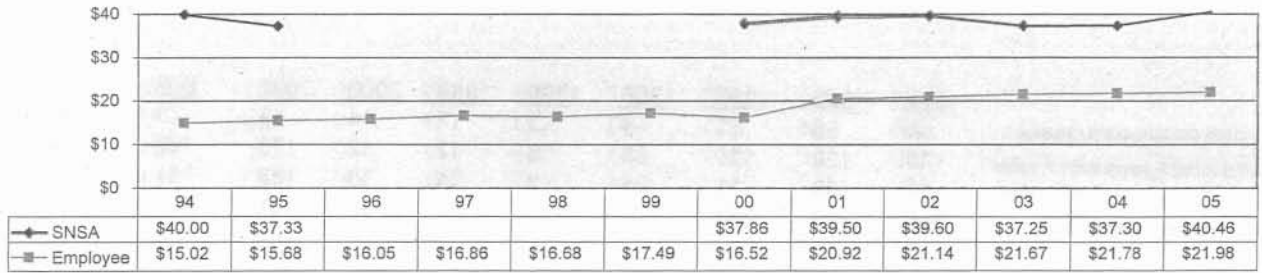
**Number of Facilities Reporting**

**Table 3**

	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>
Rural (group one) Facilities	58	56	51	43	23	17	14	83	76	74	68	58
Semi-rural (group two) Faciliti	138	129	101	83	55	47	42	175	168	151	143	138
Metro (group three) Facilities	159	138	111	94	42	34	30	163	161	149	133	127
All Facilities (statewide)	355	323	263	220	120	98	86	421	405	374	344	323
Facilities not included:												
APS, report not required	72	111	218	285	310	324	330	0	0	0	0	0
Hospital attached									0	22	2	51
Uncertain reliability									8	12	55	20

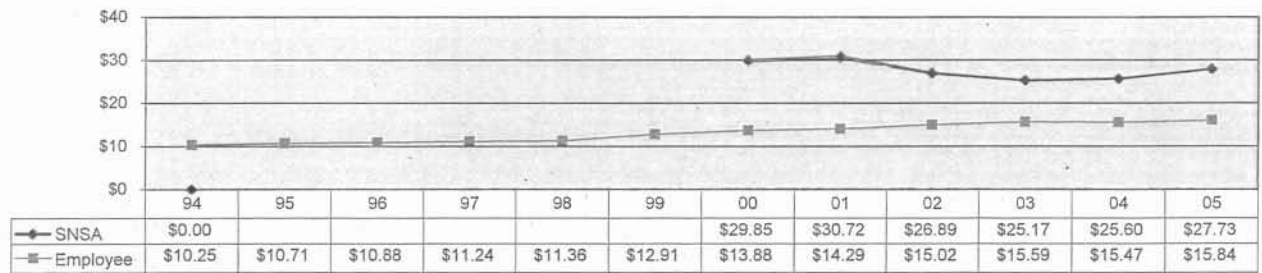
Rural (group one) Facilities

RN Cost per Hour



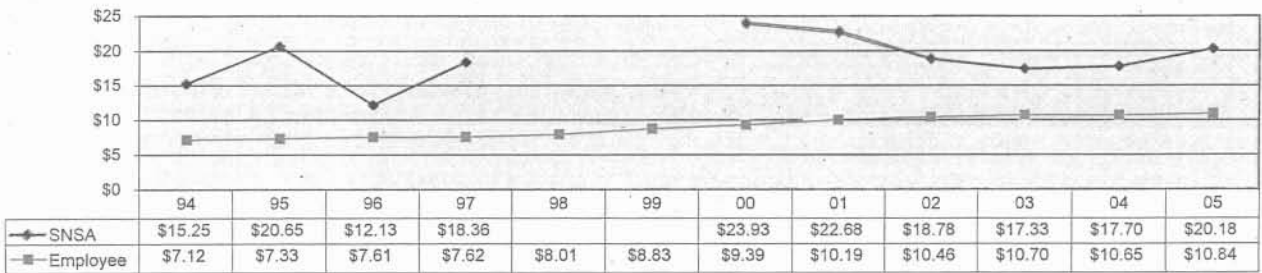
SNSA% change from prior year		-6.7%						4.3%	0.3%	-5.9%	0.1%	8.5%
SNSA cost as % of 2001 cost	101.3%	94.5%					95.8%	100.0%	100.3%	94.3%	94.4%	102.4%

LPN Cost per Hour



SNSA% change from prior year								2.9%	-12.5%	-6.4%	1.7%	8.3%
SNSA cost as % of 2001 cost							97.2%	100.0%	87.5%	81.9%	83.3%	90.3%

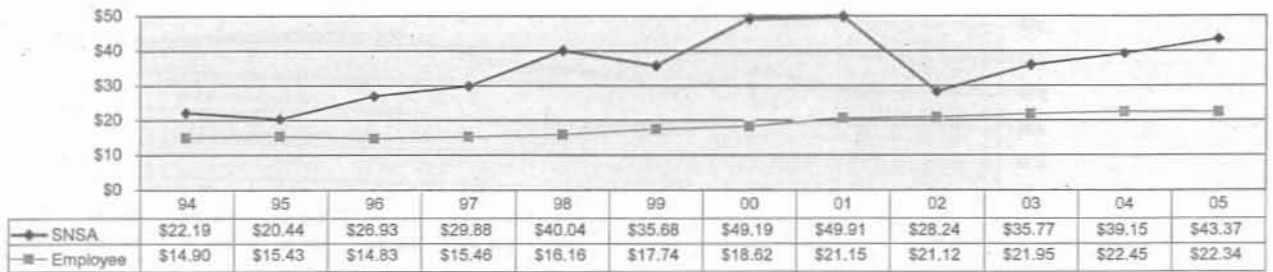
CNA Cost per Hour



SNSA% change from prior year		35.4%	-41.3%	51.4%				-5.2%	-17.2%	-7.7%	2.1%	14.0%
SNSA cost as % of 2001 cost	67.2%	91.0%	53.5%	81.0%			105.5%	100.0%	82.6%	76.4%	78.0%	89.0%

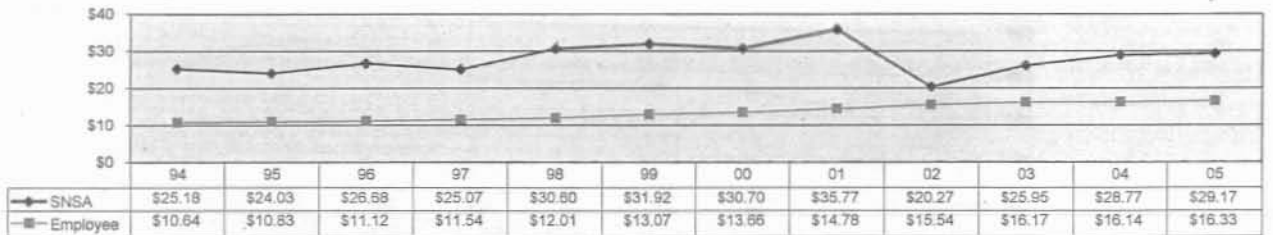
Semi-rural (group two) Facilities

RN Cost per Hour



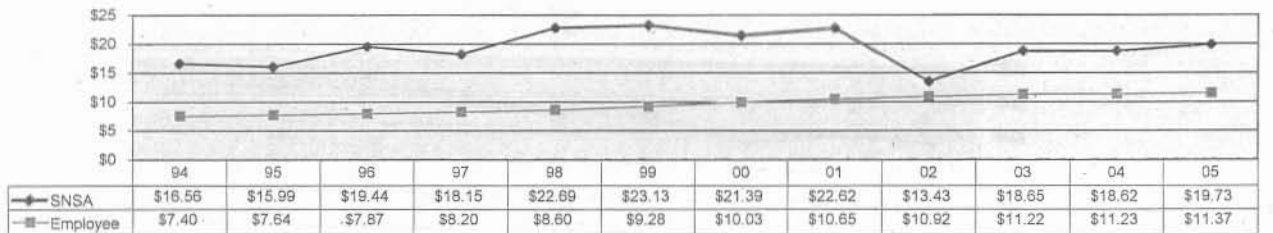
SNSA% change from prior year		-7.9%	31.8%	11.0%	34.0%	-10.9%	37.9%	1.5%	-43.4%	26.7%	9.4%	10.8%
SNSA cost as % of 2001 cost	44.5%	41.0%	54.0%	59.9%	80.2%	71.5%	98.6%	100.0%	56.6%	71.7%	78.4%	86.9%

LPN Cost per Hour



SNSA% change from prior year		-4.6%	11.0%	-6.0%	22.1%	4.3%	-3.8%	16.5%	-43.3%	28.0%	10.9%	1.4%
SNSA cost as % of 2001 cost	70.4%	67.2%	74.6%	70.1%	85.5%	89.2%	85.8%	100.0%	56.7%	72.5%	80.4%	81.5%

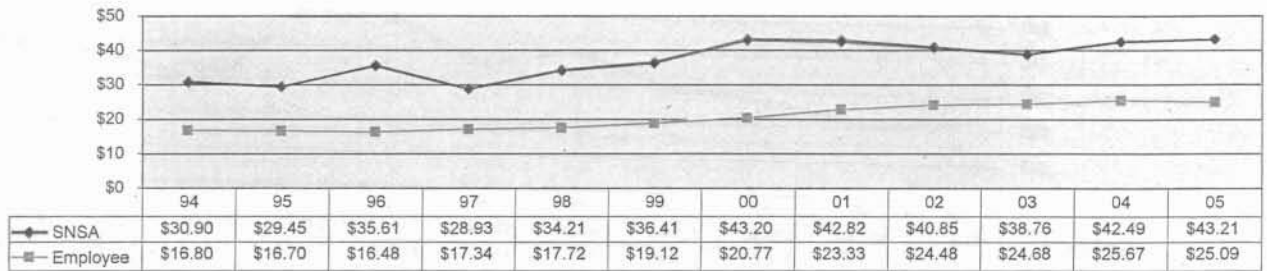
CNA Cost per Hour



SNSA% change from prior year		-3.4%	21.6%	-6.6%	25.0%	1.9%	-7.5%	5.8%	-40.6%	38.9%	-0.2%	6.0%
SNSA cost as % of 2001 cost	73.2%	70.7%	85.9%	80.2%	100.3%	102.3%	94.6%	100.0%	59.4%	62.4%	82.3%	87.2%

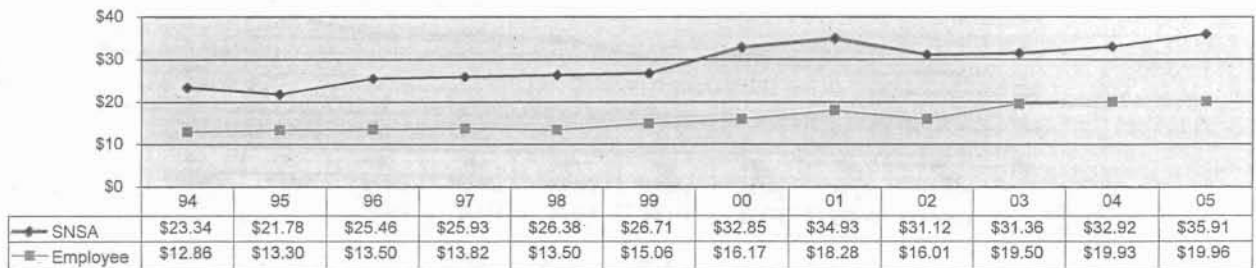
Metro (group three) Facilities

RN Cost per Hour



SNSA% change from prior year		-4.7%	20.9%	-18.8%	18.3%	6.4%	18.6%	-0.9%	-4.6%	-5.1%	9.6%	1.7%
SNSA cost as % of 2001 cost	72.2%	68.8%	83.2%	67.6%	79.9%	85.0%	100.9%	100.0%	95.4%	90.5%	99.2%	100.9%

LPN Cost per Hour



SNSA% change from prior year		-6.7%	16.9%	1.8%	1.7%	1.3%	23.0%	6.3%	-10.9%	0.8%	5.0%	9.1%
SNSA cost as % of 2001 cost	66.8%	62.4%	72.9%	74.2%	75.5%	76.5%	94.0%	100.0%	89.1%	89.8%	94.2%	102.8%

CNA Cost per Hour

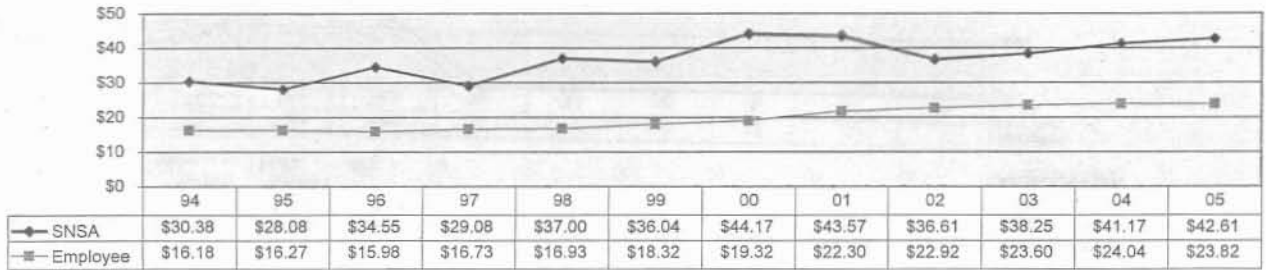


SNSA% change from prior year		6.0%	-8.4%	27.0%	-1.5%	11.9%	19.0%	-7.3%	4.5%	7.6%	-1.6%	3.5%
SNSA cost as % of 2001 cost	66.7%	70.7%	64.8%	82.3%	81.1%	90.7%	107.9%	100.0%	104.5%	112.5%	110.8%	114.6%



All Facilities (statewide)

RN Cost per Hour



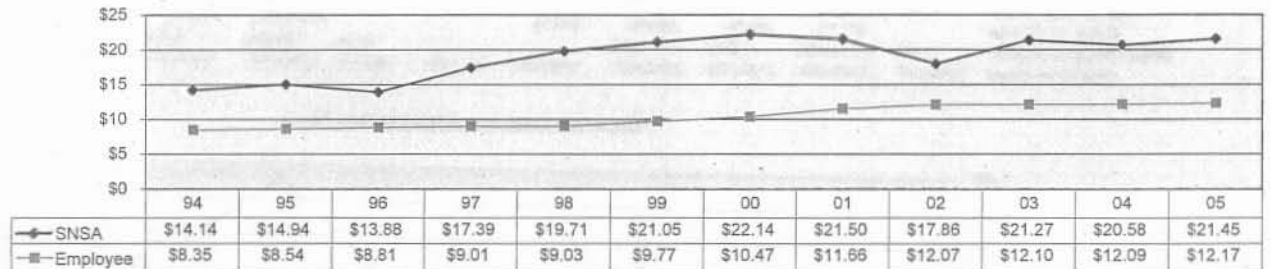
SNSA% change from prior year		-7.6%	23.1%	-15.8%	27.2%	-2.6%	22.6%	-1.4%	-16.0%	4.5%	7.6%	3.5%
SNSA cost as % of 2001 cost	69.7%	64.4%	79.3%	66.7%	84.9%	82.7%	101.4%	100.0%	84.0%	87.8%	94.5%	97.8%

LPN Cost per Hour



SNSA% change from prior year		-6.5%	16.4%	1.7%	5.8%	5.9%	11.5%	8.2%	-18.2%	6.3%	6.5%	8.4%
SNSA cost as % of 2001 cost	66.9%	62.6%	72.8%	74.0%	78.3%	82.9%	92.5%	100.0%	81.8%	86.9%	92.6%	100.4%

CNA Cost per Hour

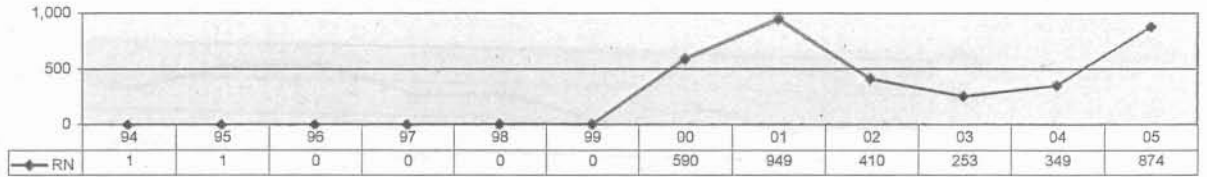


SNSA% change from prior year		5.6%	-7.1%	25.3%	13.3%	6.8%	5.2%	-2.9%	-16.9%	19.1%	-3.3%	4.2%
SNSA cost as % of 2001 cost	65.8%	69.5%	64.6%	80.9%	91.6%	97.9%	103.0%	100.0%	83.1%	98.9%	95.7%	99.7%

SNSA Hours Compared to Total Hours  
Rural (group one) Facilities

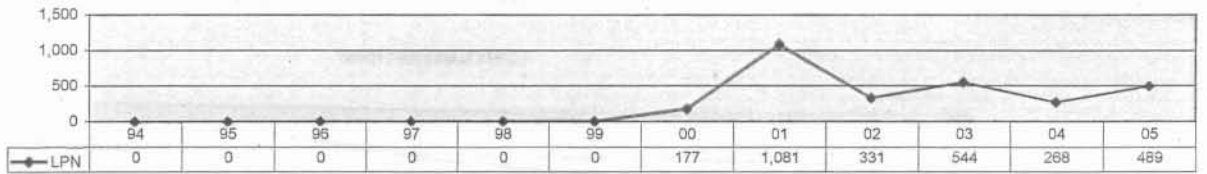
Table 5

SNSA RN Hours/100,000 Total Hours



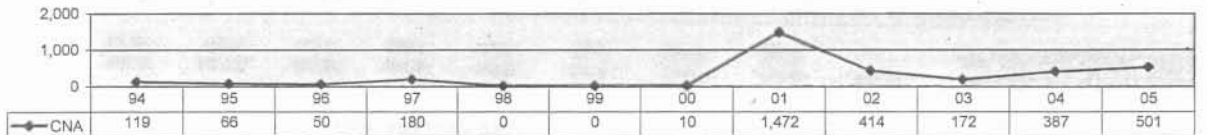
SNSA RN Hours	5	6	0	0	0	0	502	6,214	2,822	1,701	1,896	3,716
SNSA % Change		20.0%	-100.0%					1137.8%	-54.6%	-39.7%	11.5%	96.0%
SNSA Hrs as % of 2001	0	0.1%					8.1%	100.0%	45.4%	27.4%	30.5%	59.8%
Total RN Hours	472,371	450,496	406,413	320,778	143,796	95,179	85,042	654,479	687,492	673,231	543,027	424,948

SNSA LPN Hours/100,000 Total Hours



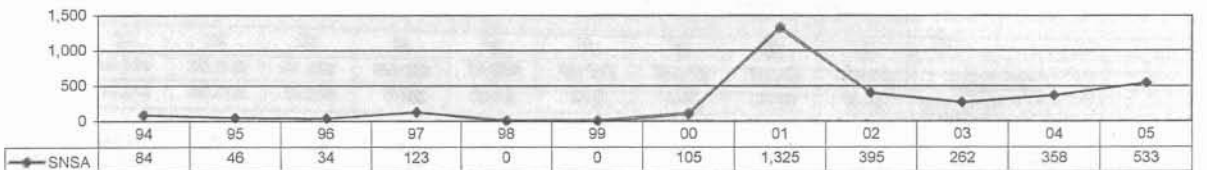
SNSA LPN Hours	0	0	0	0	0	0	351	13,542	4,493	7,168	3,131	4,917
SNSA % Change								3758.1%	-66.8%	59.5%	-56.3%	57.0%
SNSA Hrs as % of 2001							2.6%	100.0%	33.2%	52.9%	23.1%	36.3%
Total LPN Hours	1,041,601	1,042,687	967,122	773,154	348,186	244,003	198,471	1,252,958	1,358,983	1,317,250	1,166,651	1,004,652

SNSA CNA Hours/100,000 Total Hours



SNSA CNA Hours	4,342	2,295	1,449	4,215	0	0	60	55,437	16,895	7,031	14,421	16,007
SNSA % Change		-47.1%	-36.9%	190.9%	-100.0%			92295.0%	-69.5%	-58.4%	105.1%	11.0%
SNSA Hrs as % of 2001	7.8%	4.1%	2.6%	7.6%			0.1%	100.0%	30.5%	12.7%	26.0%	28.9%
Total CNA Hours	3,637,057	3,468,560	2,924,785	2,343,812	1,097,036	684,962	582,076	3,767,026	4,078,516	4,078,508	3,724,660	3,196,417

Group One SNSA Hours/100,000 Total Hours

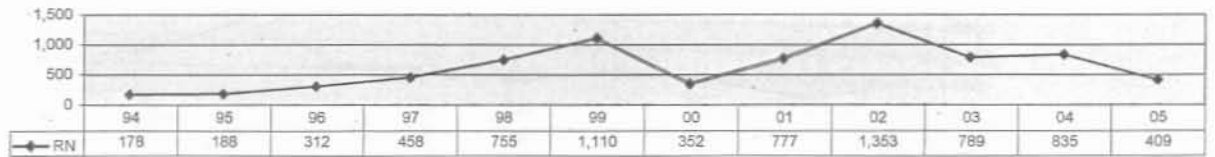


SNSA RN, LPN, CNA Hours	4,347	2,301	1,449	4,215	0	0	913	75,193	24,210	15,900	19,448	24,640
SNSA % Change		-47.1%	-37.0%	190.9%				8135.8%	-67.8%	-34.3%	22.3%	26.7%
SNSA Hrs as % of 2001	5.8%	3.1%	1.9%	5.6%			1.2%	100.0%	32.2%	21.1%	25.9%	32.8%
Total RN, LPN, CNA Hours	5,151,029	4,961,743	4,298,320	3,437,742	1,589,018	1,024,144	865,589	5,673,500	6,124,991	6,068,988	5,434,338	4,626,017

SNSA Hours Compared to Total Hours  
Semi-rural (group two) Facilities

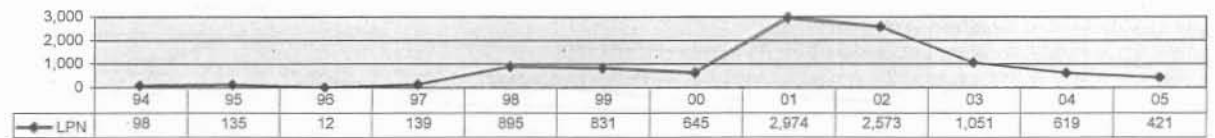
Table 5 (continued)

SNSA RN Hours/100,000 Total Hours



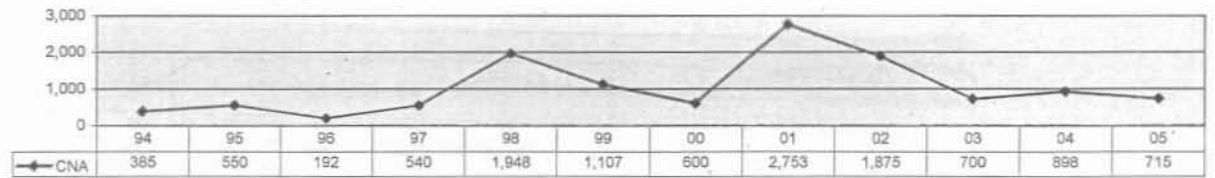
SNSA RN Hours	2,531	2,685	3,437	4,318	4,879	5,480	1,428	12,850	22,795	13,200	11,394	5,182
SNSA % Change		6.1%	28.0%	25.6%	13.0%	12.3%	-73.9%	799.9%	77.4%	-42.1%	-13.7%	-54.5%
SNSA Hrs as % of 2001	19.7%	20.9%	26.7%	33.6%	38.0%	42.6%	11.1%	100.0%	177.4%	102.7%	88.7%	40.3%
Total RN Hours	1,423,417	1,427,491	1,102,354	943,569	646,208	493,742	405,962	1,654,605	1,684,552	1,672,686	1,364,568	1,267,001

SNSA LPN Hours/100,000 Total Hours



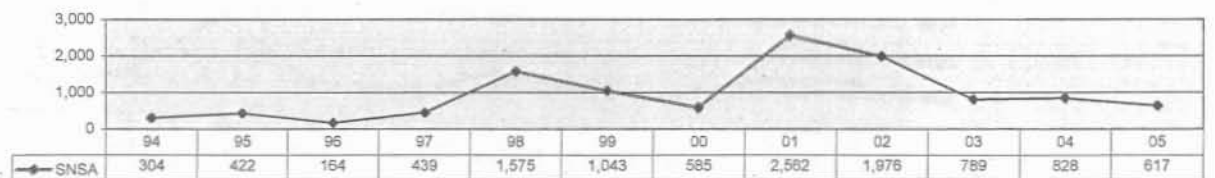
SNSA LPN Hours	2,981	3,975	273	2,592	11,152	8,906	6,050	93,107	87,780	34,211	18,983	12,082
SNSA % Change		33.3%	-93.1%	849.5%	330.2%	-20.1%	-32.1%	1439.0%	-5.7%	-61.0%	-44.5%	-36.4%
SNSA Hrs as % of 2001	3.2%	4.3%	0.3%	2.8%	12.0%	9.6%	6.5%	100.0%	94.3%	36.7%	20.4%	13.0%
Total LPN Hours	3,048,373	2,847,579	2,263,961	1,866,267	1,246,538	1,071,667	938,478	3,131,168	3,411,515	3,255,521	3,064,691	2,670,290

SNSA CNA Hours/100,000 Total Hours



SNSA CNA Hours	38,667	51,061	12,569	29,145	71,910	33,933	15,033	238,822	183,863	67,137	81,114	60,859
SNSA % Change		32.1%	-75.4%	131.9%	146.7%	-52.8%	-55.7%	1488.7%	-23.0%	-63.5%	20.8%	-25.0%
SNSA Hrs as % of 2001	16.2%	21.4%	5.3%	12.2%	30.1%	14.2%	6.3%	100.0%	77.0%	28.1%	34.0%	25.5%
Total CNA Hours	10,043,870	9,289,307	6,540,808	5,397,391	3,691,220	3,066,063	2,504,530	8,673,836	9,804,270	9,589,568	9,036,527	8,517,149

Group Two SNSA Hours/100,000 Total Hours

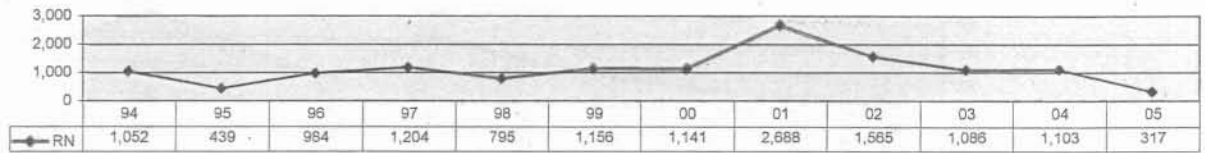


SNSA RN, LPN, CNA Hours	44,179	57,721	16,279	36,055	87,941	48,319	22,511	344,779	294,438	114,548	111,491	78,123
SNSA % Change		30.7%	-71.8%	121.5%	143.9%	-45.1%	-53.4%	1431.6%	-14.6%	-61.1%	-2.7%	-29.9%
SNSA Hrs as % of 2001	12.8%	16.7%	4.7%	10.5%	25.5%	14.0%	6.5%	100.0%	85.4%	33.2%	32.3%	22.7%
Total RN, LPN, CNA Hours	14,515,660	13,664,376	9,907,124	8,207,236	5,583,960	4,631,491	3,848,971	13,459,569	14,900,332	14,517,774	13,465,785	12,654,440

SNSA Hours Compared to Total Hours  
Metro (group three) Facilities

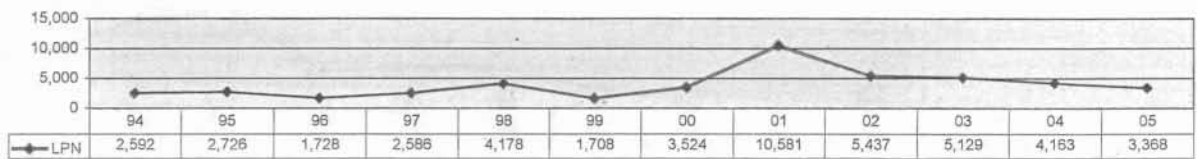
Table 5 (continued)

SNSA RN Hours/100,000 Total Hours



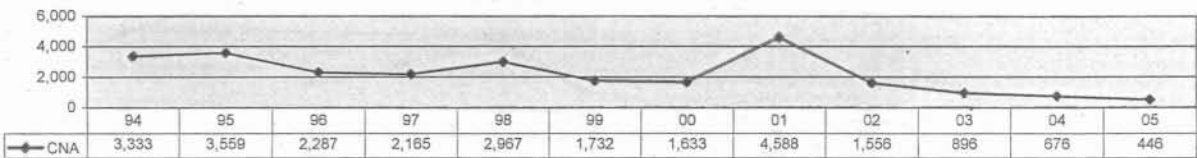
SNSA RN Hours	40,060	14,924	24,799	23,264	5,321	5,308	4,113	74,453	43,009	28,666	23,078	6,670
SNSA % Change		-62.7%	66.2%	-6.2%	-77.1%	-0.2%	-22.5%	1710.2%	-42.2%	-33.3%	-19.5%	-71.1%
SNSA Hrs as % of 2001	53.8%	20.0%	33.3%	31.2%	7.1%	7.1%	5.5%	100.0%	57.8%	38.5%	31.0%	9.0%
Total RN Hours	3,808,834	3,399,505	2,520,526	1,931,957	669,199	458,976	360,620	2,769,966	2,747,573	2,638,928	2,092,589	2,101,701

SNSA LPN Hours/100,000 Total Hours



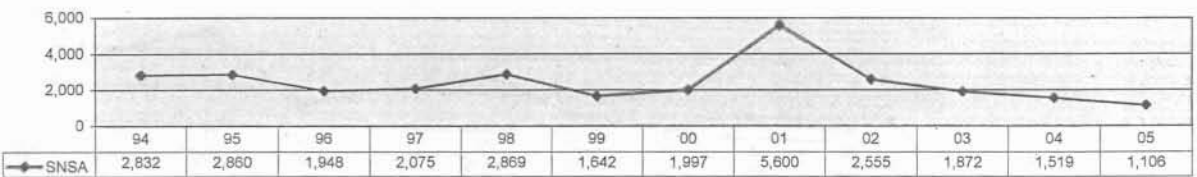
SNSA LPN Hours	106,755	92,523	44,827	53,016	36,100	11,487	20,719	439,251	293,223	230,569	166,078	133,445
SNSA % Change		-13.3%	-51.6%	18.3%	-31.9%	-68.2%	80.4%	2020.0%	-33.2%	-21.4%	-28.0%	-19.6%
SNSA Hrs as % of 2001	24.3%	21.1%	10.2%	12.1%	8.2%	2.6%	4.7%	100.0%	66.8%	52.5%	37.8%	30.4%
Total LPN Hours	4,118,507	3,393,971	2,593,473	2,050,154	864,069	672,626	587,977	4,151,506	5,392,654	4,495,442	3,989,250	3,962,427

SNSA CNA Hours/100,000 Total Hours



SNSA CNA Hours	517,781	442,606	202,745	151,989	78,075	34,014	26,358	571,479	199,604	115,225	77,616	49,431
SNSA % Change		-14.5%	-54.2%	-25.0%	-48.6%	-56.4%	-22.5%	2068.1%	-65.1%	-42.3%	-32.6%	-36.3%
SNSA Hrs as % of 2001	90.8%	77.4%	35.5%	26.6%	13.7%	6.0%	4.6%	100.0%	34.9%	20.2%	13.6%	8.6%
Total CNA Hours	15,536,725	12,437,068	8,866,649	7,020,302	2,631,643	1,963,422	1,614,247	12,455,191	12,827,827	12,664,430	11,478,992	11,072,997

Group Three SNSA Hours/100,000 Total Hours

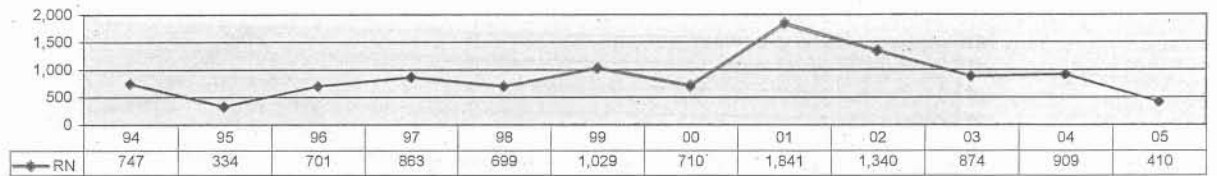


SNSA RN, LPN, CNA Hours	664,596	550,053	272,371	228,269	119,496	50,809	51,190	1,085,183	535,836	374,460	266,772	189,546
SNSA % Change		-17.2%	-50.5%	-16.2%	-47.7%	-57.5%	0.7%	2019.9%	-50.6%	-30.1%	-28.8%	-28.9%
SNSA Hrs as % of 2001	61.2%	50.7%	25.1%	21.0%	11.0%	4.7%	4.7%	100.0%	49.4%	34.5%	24.6%	17.5%
Total RN, LPN, CNA Hours	23,464,068	19,230,544	13,980,648	11,002,413	4,164,911	3,095,025	2,562,843	19,376,642	20,968,054	19,998,800	17,580,811	17,137,125

SNSA Hours Compared to Total Hours  
All Facilities (statewide)

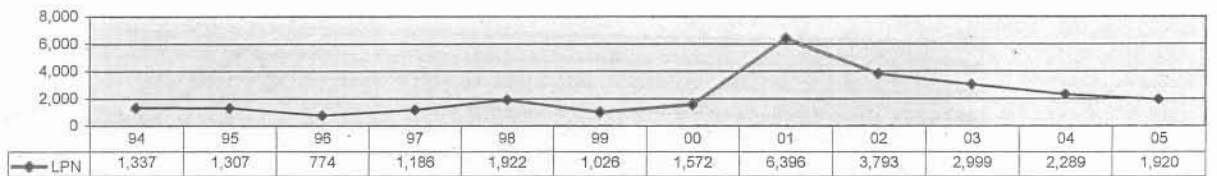
Table 5 (continued)

SNSA RN Hours/100,000 Total Hours



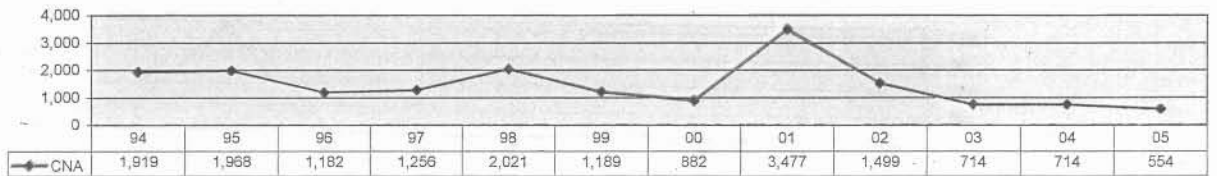
SNSA RN Hours	42,596	17,615	28,236	27,582	10,200	10,788	6,043	93,517	68,626	43,567	15,568	
SNSA % Change		-58.6%	60.3%	-2.3%	-63.0%	5.8%	-44.0%	1447.5%	-26.6%	-36.5%	-16.5%	-57.2%
SNSA Hrs as % of 2001	45.5%	18.8%	30.2%	29.5%	10.9%	11.5%	6.5%	100.0%	73.4%	46.6%	38.9%	16.6%
Total RN Hours	5,704,623	5,277,492	4,029,294	3,196,304	1,459,202	1,047,897	851,624	5,079,080	5,119,617	4,984,845	4,000,164	3,793,650

SNSA LPN Hours/100,000 Total Hours



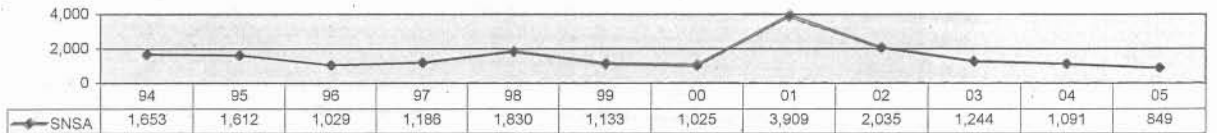
SNSA LPN Hours	109,736	96,498	45,100	55,608	47,252	20,393	27,120	545,900	385,496	271,948	188,192	150,444
SNSA % Change		-12.1%	-53.3%	23.3%	-15.0%	-56.8%	33.0%	1912.9%	-29.4%	-29.5%	-30.8%	-20.1%
SNSA Hrs as % of 2001	20.1%	17.7%	8.3%	10.2%	8.7%	3.7%	5.0%	100.0%	70.6%	49.8%	34.5%	27.6%
Total LPN Hours	8,208,481	7,384,237	5,824,556	4,689,595	2,458,793	1,988,316	1,724,926	8,535,632	10,163,152	9,058,213	8,220,592	7,837,369

SNSA CNA Hours/100,000 Total Hours



SNSA CNA Hours	560,790	495,962	216,763	185,349	149,965	67,947	41,451	865,738	400,362	189,393	173,151	126,297
SNSA % Change		-11.6%	-56.3%	-14.5%	-19.1%	-54.7%	-39.0%	1988.6%	-53.8%	-52.7%	-8.6%	-27.1%
SNSA Hrs as % of 2001	64.8%	57.3%	25.0%	21.4%	17.3%	7.8%	4.8%	100.0%	46.2%	21.9%	20.0%	14.6%
Total CNA Hours	29,217,653	25,194,935	18,332,242	14,761,505	7,419,898	5,714,446	4,700,852	24,896,075	26,710,612	26,532,505	24,240,179	22,786,563

Statewide SNSA Hours/100,000 Total Hours

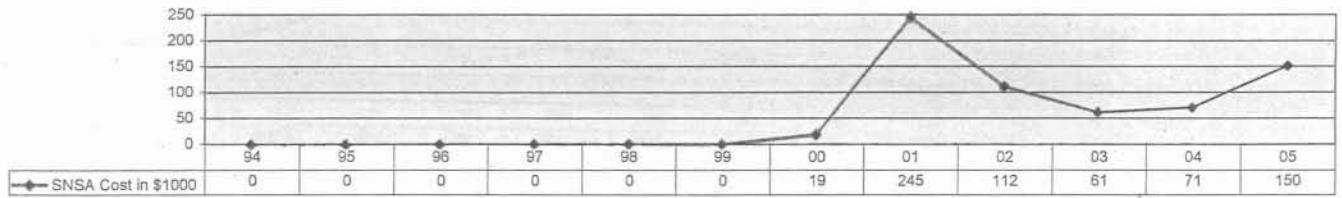


SNSA RN, LPN, CNA Hours	713,122	610,075	290,099	268,539	207,437	99,128	74,614	1,505,155	854,484	504,908	361,343	292,309
SNSA % Change		-14.5%	-52.4%	-7.4%	-22.8%	-52.2%	-24.7%	1917.3%	-43.2%	-40.9%	-21.2%	-26.5%
SNSA Hrs as % of 2001	47.4%	40.5%	19.3%	17.8%	13.8%	6.6%	5.0%	100.0%	56.8%	33.5%	26.4%	19.4%
Total RN, LPN, CNA Hours	43,130,755	37,856,663	28,186,092	22,647,391	11,337,889	8,750,660	7,277,403	38,509,711	41,993,377	40,585,562	36,460,932	34,417,580

Actual Costs of Supplemental Nursing Services  
Rural (group one) Facilities

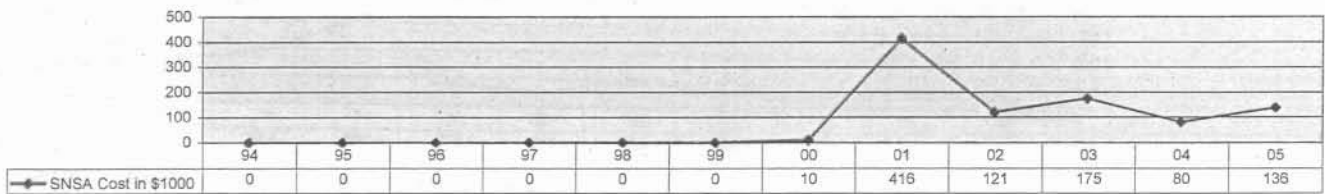
Table 6

SNSA RN Costs



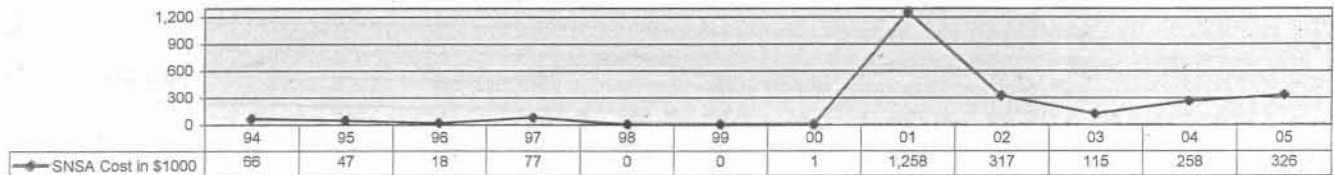
SNSA \$ cost change		24	-224	0	0	0	19,006	226,436	-133,701	-50,429	9,402	79,619
SNSA cost as % of 2001 cost	0.1%	0.1%					7.7%	100.0%	45.5%	25.0%	28.8%	61.2%
SNSA % change from prior year		12.0%	-100.0%					1191.4%	-54.5%	-45.1%	15.3%	112.6%

SNSA LPN Costs



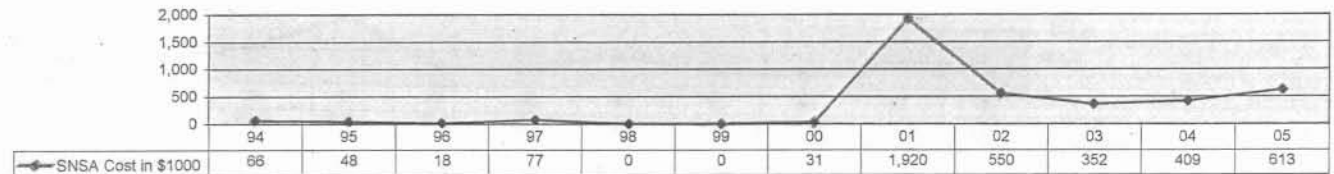
SNSA \$ cost change		0	0	0	0	0	10,477	405,534	-295,194	54,246	-94,895	56,177
SNSA cost as % of 2001 cost							2.5%	100.0%	29.0%	42.1%	19.3%	32.8%
SNSA % change from prior year								3870.7%	-71.0%	44.9%	-54.2%	70.1%

SNSA CNA & TMA Costs



SNSA \$ cost change		-18,803	-29,814	59,799	-77,381	0	1,436	1,256,718	-940,784	-201,902	142,530	68,321
SNSA cost as % of 2001 cost	5.3%	3.8%	1.4%	6.2%			0.1%	100.0%	25.2%	9.2%	20.5%	25.9%
SNSA % change from prior year		-28.4%	-62.9%	340.1%	-100.0%			87515.2%	-74.8%	-63.6%	123.4%	26.5%

Group One SNSA Costs

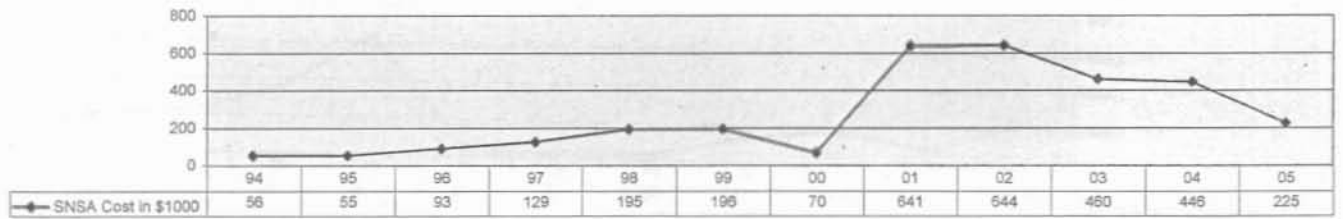


SNSA \$ cost change		-18,779	-30,038	59,799	-77,381	0	30,919	1,888,688	-1,369,679	-198,085	57,037	204,117
SNSA cost as % of 2001 cost	3.5%	2.5%	0.9%	4.0%			1.6%	100.0%	28.7%	18.5%	16.7%	38.9%
SNSA % change from prior year		-28.3%	-63.1%	340.1%	-100.0%			6108.5%	-71.4%	-36.0%	16.2%	49.9%

Actual Costs of Supplemental Nursing Services  
Semi-rural (group two) Facilities

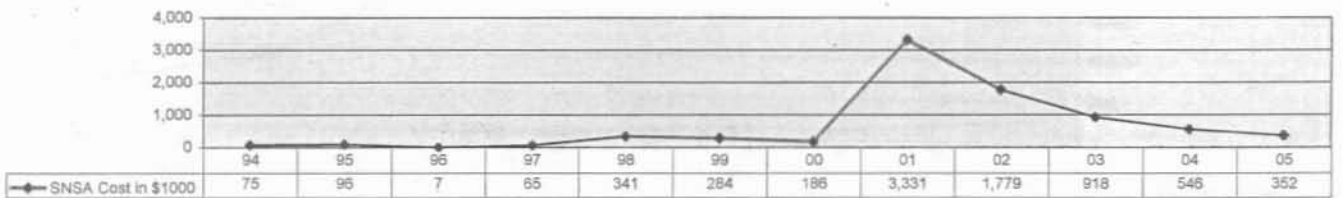
Table 6 (continued)

SNSA RN Costs



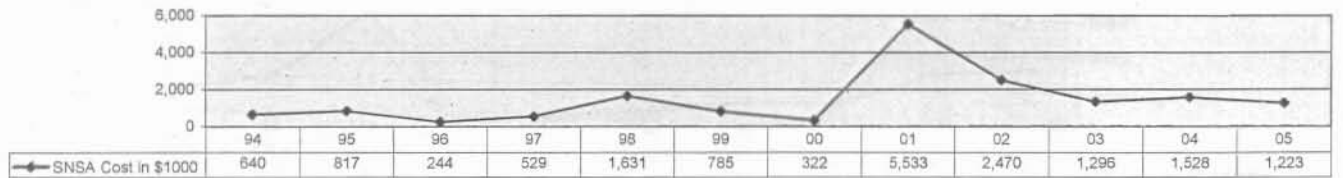
SNSA \$ cost change		-1,276	37,670	36,482	66,331	185	-125,302	571,126	2,313	-183,466	-14,100	-221,360
SNSA cost as % of 2001 cost	8.8%	8.6%	14.4%	20.1%	30.5%	30.5%	11.0%	100.0%	100.4%	71.8%	69.6%	35.0%
SNSA % change from prior year		-2.3%	68.6%	39.4%	51.4%	0.1%	-64.1%	813.1%	0.4%	-28.5%	-3.1%	-49.6%

SNSA LPN Costs



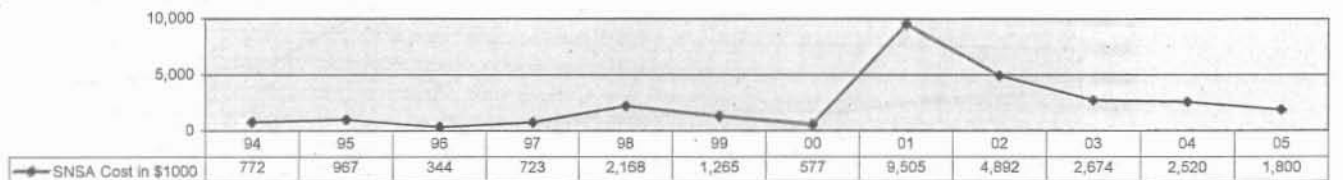
SNSA \$ cost change		20,474	-88,254	57,703	276,236	-56,974	-98,519	3,145,145	-1,551,965	-861,177	-371,504	-193,831
SNSA cost as % of 2001 cost	2.3%	2.9%	0.2%	2.0%	10.2%	8.5%	5.6%	100.0%	53.4%	27.6%	16.4%	10.6%
SNSA % change from prior year		27.3%	-92.4%	792.3%	425.1%	-16.7%	-34.7%	1693.4%	-46.6%	-48.4%	-40.5%	-35.5%

SNSA CNA & TMA Costs



SNSA \$ cost change		176,382	-572,345	284,529	1,102,422	-846,342	-463,477	5,211,317	-3,063,207	-1,173,700	231,847	-304,824
SNSA cost as % of 2001 cost	11.6%	14.8%	4.4%	9.6%	28.4%	14.0%	5.8%	100.0%	44.6%	23.4%	27.6%	22.1%
SNSA % change from prior year		27.5%	-70.1%	116.4%	208.4%	-51.9%	-59.0%	1620.9%	-55.4%	-47.5%	17.9%	-20.0%

Group Two SNSA Costs

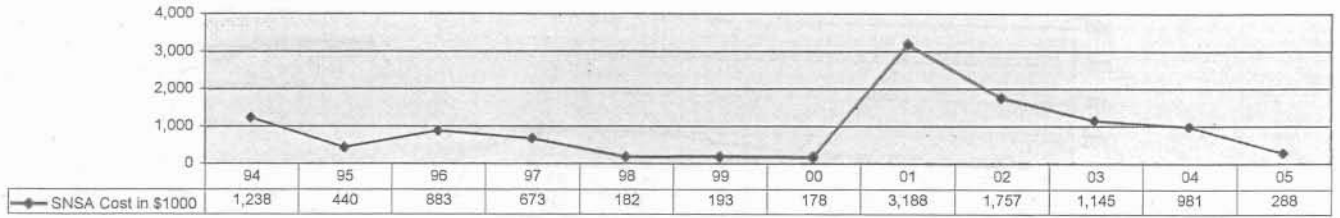


SNSA \$ cost change		195,580	-622,929	378,714	1,444,989	-903,131	-687,298	8,927,588	-4,612,859	-2,218,343	-153,757	-720,015
SNSA cost as % of 2001 cost	8.2%	10.3%	3.7%	7.7%	23.1%	13.5%	6.2%	100.0%	52.2%	17.2%	22.6%	14.5%
SNSA % change from prior year		25.3%	-64.4%	110.0%	199.9%	-41.7%	-54.3%	1546.0%	-48.5%	-45.3%	-5.8%	-28.6%

Actual Costs of Supplemental Nursing Services  
Metro (group three) Facilities

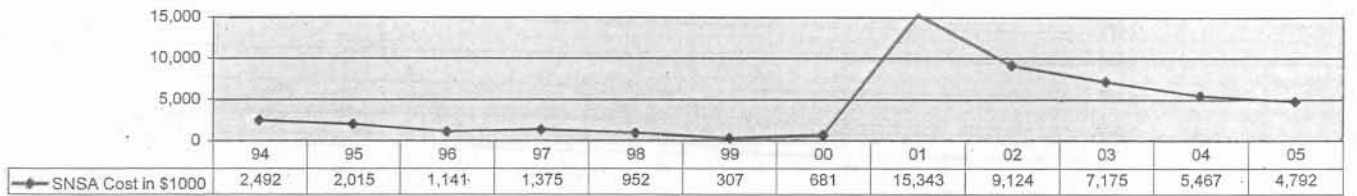
Table 6 (continued)

SNSA RN Costs



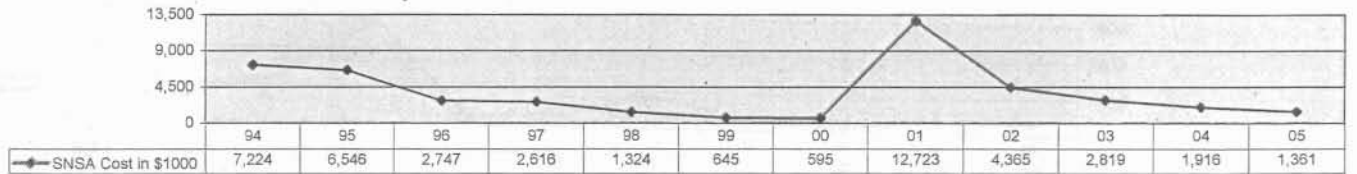
SNSA \$ cost change		-798,266	443,577	-210,101	-490,978	11,230	-15,573	3,010,175	-1,430,857	-611,979	-164,529	-692,300
SNSA cost as % of 2001 cost	38.8%	13.8%	27.7%	21.1%	5.7%	6.1%	5.6%	100.0%	55.1%	35.9%	30.8%	9.0%
SNSA % change from prior year		-64.5%	100.9%	-23.8%	-73.0%	6.2%	-8.1%	1694.0%	-44.9%	-34.8%	-14.4%	-70.6%

SNSA LPN Costs



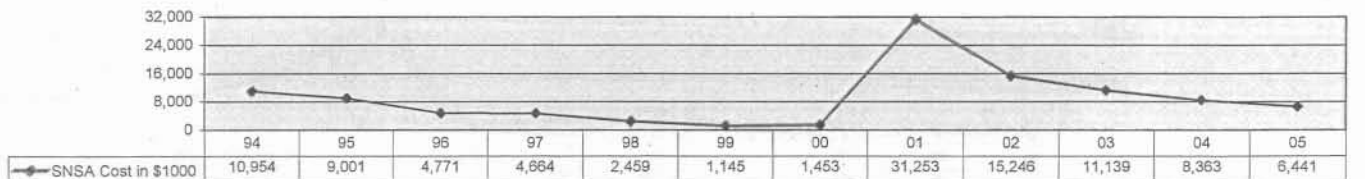
SNSA \$ cost change		-476,615	-874,123	233,368	-422,082	-645,600	373,769	14,661,903	-6,218,852	-1,948,544	-1,707,924	-675,297
SNSA cost as % of 2001 cost	16.2%	13.1%	7.4%	9.0%	6.2%	2.0%	4.4%	100.0%	59.5%	46.8%	35.6%	31.2%
SNSA % change from prior year		-19.1%	-43.4%	20.5%	-30.7%	-67.8%	121.8%	2154.2%	-40.5%	-21.4%	-23.8%	-12.4%

SNSA CNA & TMA Costs



SNSA \$ cost change		-678,304	-3,799,371	-130,594	-1,291,799	-679,033	-50,375	12,127,810	-8,357,247	-1,546,557	-903,310	-554,542
SNSA cost as % of 2001 cost	56.8%	51.5%	21.6%	20.6%	10.5%	5.1%	4.7%	100.0%	34.3%	22.2%	15.1%	10.7%
SNSA % change from prior year		-9.4%	-58.0%	-4.8%	-49.4%	-51.3%	-7.8%	2038.6%	-65.7%	-35.4%	-32.0%	-28.9%

Group Three SNSA Costs



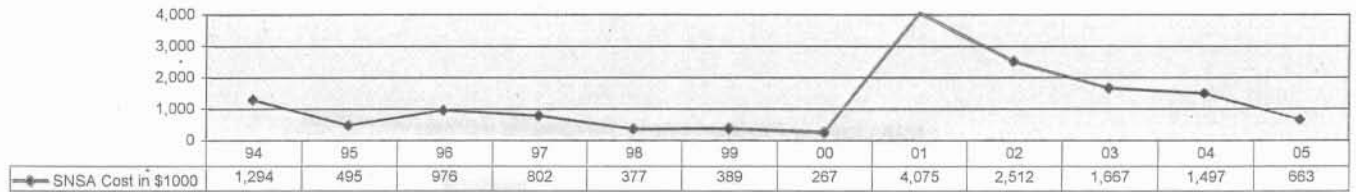
SNSA \$ cost change		-1,953,185	-4,229,917	-107,327	-2,204,859	-1,313,403	307,821	29,799,888	-16,006,956	-4,107,080	-2,775,763	-1,922,139
SNSA cost as % of 2001 cost	22.7%	18.7%	9.9%	9.7%	5.1%	2.4%	3.0%	100.0%	31.7%	17.4%	13.2%	10.2%
SNSA % change from prior year		-17.8%	-47.0%	-2.2%	-47.3%	-53.4%	26.9%	2050.6%	-51.2%	-26.9%	-24.9%	-23.0%



Actual Costs of Supplemental Nursing Services  
All Facilities (statewide)

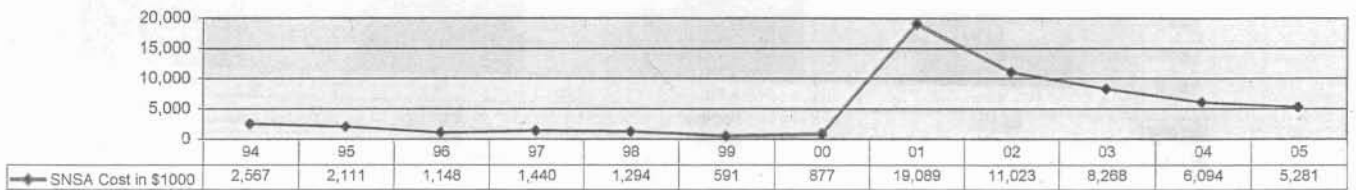
Table 6 (continued)

Statewide SNSA RN Costs



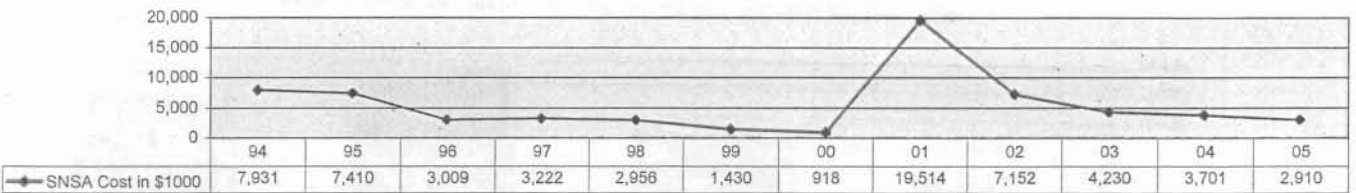
SNSA \$ cost change		-799,518	481,023	-173,619	-424,647	11,415	-121,869	3,807,737	-1,562,245	-845,874	-169,227	-834,041
SNSA cost as % of 2001 cost	31.8%	12.1%	23.9%	19.7%	9.3%	9.5%	6.6%	100.0%	61.7%	40.9%	36.7%	16.3%
SNSA % change from prior year		-61.8%	97.2%	-17.8%	-52.9%	3.0%	-31.3%	1426.4%	-38.3%	-33.7%	-10.2%	-55.7%

Statewide SNSA LPN Costs



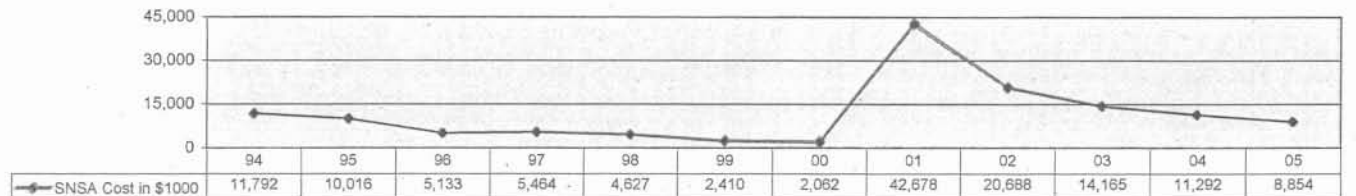
SNSA \$ cost change		-456,141	-962,377	291,071	-145,846	-702,574	285,727	18,212,582	-8,066,010	-2,755,476	-2,174,323	-812,951
SNSA cost as % of 2001 cost	13.4%	11.1%	6.0%	7.5%	6.8%	3.1%	4.6%	100.0%	57.7%	43.3%	31.9%	27.7%
SNSA % change from prior year		-17.8%	-45.6%	25.3%	-10.1%	-54.3%	48.3%	2077.1%	-42.3%	-25.0%	-26.3%	-13.3%

Statewide SNSA CNA & TMA Costs



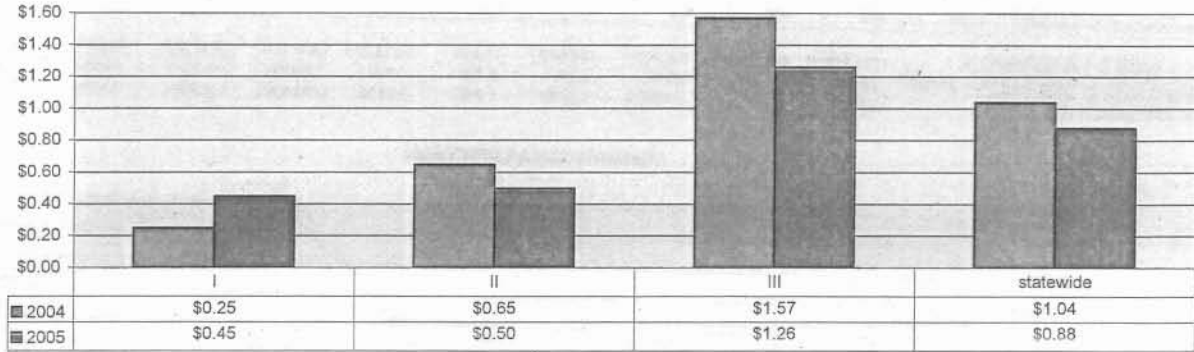
SNSA \$ cost change		-520,725	-4,401,530	213,734	-266,758	-1,525,375	-512,416	18,595,843	-12,361,238	-2,922,159	-528,933	-791,045
SNSA cost as % of 2001 cost	40.6%	38.0%	15.4%	16.5%			4.7%	100.0%	36.7%	21.7%	19.0%	14.9%
SNSA % change from prior year		-6.6%	-59.4%	7.1%	-8.3%	-51.6%	-35.8%	2026.0%	-63.3%	-40.9%	-12.5%	-21.4%

Statewide Total SNSA Costs

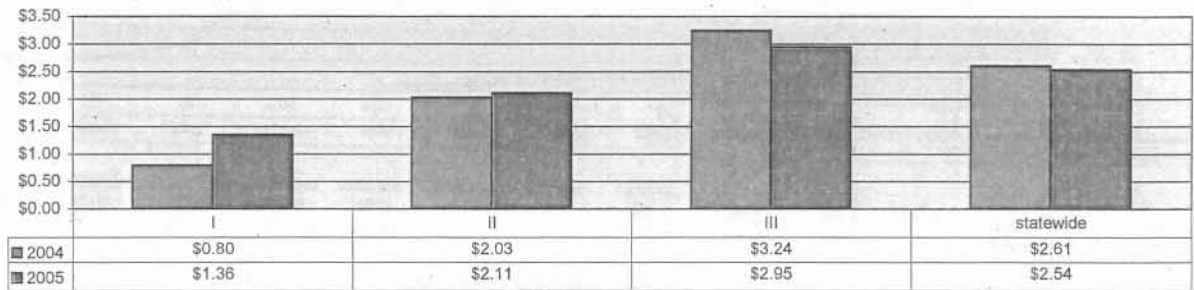


SNSA \$ cost change		-1,776,384	-4,882,884	331,186	-837,251	-2,216,534	-348,558	40,616,164	-21,989,494	-6,523,508	-2,872,483	-2,438,037
SNSA cost as % of 2001 cost	28.2%	24.0%	12.3%	13.1%	11.1%	5.8%	4.9%	100.0%	49.5%	33.5%	26.5%	20.8%
SNSA % change from prior year		-15.1%	-48.8%	6.5%	-15.3%	-47.9%	-14.5%	1970.1%	-51.5%	-31.5%	-20.3%	-21.6%

SNSA Cost per Resident Day by Geographic Group, All Facilities



SNSA Cost per Resident Day by Geographic Group, Facilities using SNSA



# Stars	Pool Use Range		# NFs in 2004	# NFs in 2005
5 -- No SNSA use	0.00%	0.01%	252	268
5 -- Some SNSA use	0.01%	0.50%	34	35
4	0.50%	1.00%	22	15
3	1.00%	2.00%	26	22
2	2.00%	4.00%	26	25
1	4.00%	100%	33	28

SNSA Use Measure on Nursing Home Report Card

