

REPORT ON FUTURE OF
STATE HOSPITALS

SUBMITTED BY DEPARTMENT OF PUBLIC WELFARE
MARCH 16, 1973

AT REQUEST OF
HOUSE APPROPRIATIONS SUBCOMMITTEE ON WELFARE

The Subcommittee requested that the Department develop criteria with which to rank the ten large state hospitals for purposes of considering which facility or facilities might be closed if determined to be no longer needed.

Before getting into the specifics of the report, it is important to present again the Department of Public Welfare's view regarding the delivery of human services. The State Hospitals are only one facet of the human services delivery-system and should be considered as one component of a continuum of service and service agencies. Long term plans call for services being delivered in a more comprehensive way with a local community-based emphasis. The Department is seeking legislative authorization to conduct at least two regional experiments in the delivery of programs for the retarded, mentally ill, and chemically dependent citizens. These experiments will demonstrate that those programs and services now provided at the hospital can often be provided more effectively by community based programs. The plan contemplates reduction in hospital programs and services in direct proportion to the delivery of like programs and services in the community with a corresponding shift in financing from the State Hospitals to community programs.

This report includes:

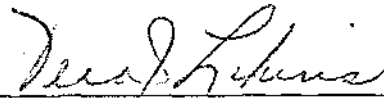
- a] An array of tables containing basic data regarding the Big ten State Hospitals. [Tables 1-33] and

- b) A ranking of the Big 10 Institutions using selected data from these tables. [Table 34].

These tables emphasize dramatically the changes that could occur in any ranking if the criteria are weighted differently. The conclusion from the Department's ranking using selected criteria is that Faribault State Hospital should be the first to close. In addition to the conclusion based on selected criteria, other reasons for closing Faribault first include:

- Closing the largest State Hospital would be a major step toward phasing state government out of providing direct care and services.
- .-- The distances to other state hospital installations are minimal, i.e., 56 miles to Rochester, 47.3 miles to Hastings, 43.1 to St. Peter, 68 to Anoka, 92.9 to Cambridge thereby minimizing the effect on residents and personnel.
- The distance to the metropolitan area [Minneapolis-St. Paul] where the greatest potential for community based program development exists is only 60 miles.
- Faribault is a single purpose facility and does not provide the broad spectrum of services to a community.
- Faribault is the one State Hospital that does not fit the regional plan.

We support the closing of Faribault State Hospital only with the understanding that funds budgeted for it remain in the system and are available to finance either the alternative community based programs or additional direct care positions in other state hospitals. Only with such guarantees could we be assured of improving the care of the 1400 residents currently at Faribault.



Vera J. Likins
Commissioner

March 16, 1973

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- 2) Youth under age 25 represent 47.7 per cent of state's total population.
- 3) Youth in the age bracket of 15-24 represents 17.49 per cent of persons hospitalized within the state hospital system.
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Table 1

MINNESOTA POPULATION BY REGIONS

1960 - 1970

<u>Region</u>	<u>1970 Census (Persons)</u>	<u>1960 Census (Persons)</u>	<u>% of Change 1960 to 1970</u>
1	94,579	100,492	- 5.9%
2	54,594	52,896	+ 3.2
3	329,603	344,957	- 4.5
4	185,376	183,511	+ 1.0
5	113,624	110,813	+ 2.5
6	159,968	165,587	- 3.4
7	249,869	207,948	+ 20.2
8	141,532	149,268	- 5.2
9	218,077	212,563	+ 2.6
10	383,369	360,532	+ 6.3
11	1,874,380	1,525,297	+ 22.0
TOTAL	3,804,971	3,413,864	+ 11.5

<u>Age Group</u>	<u>Number</u>	<u>Percent</u>
0 - 17	1,381,487	36.3%
0 - 20	1,585,186	41.7%
21 - 64	1,810,866	47.6%
65+	403,919	10.7%
TOTAL	3,804,971	100.0%

TABLE 3

1970 TOTAL POPULATION BY AGE AND SEX

State Wide -- 49% Male -- 51% Female

REGION 1

	<u>MALE</u>	<u>FEMALE</u>	<u>TOTAL</u>	<u>% OF TOTAL</u>
Under 5	3,797	3,608	7,405	7.8
5	866	859	1,725	1.8
6	945	890	3,560	3.7
7-9	3,153	3,063	6,216	6.5
10-13	4,263	4,135	8,398	8.9
14	1,129	1,040	2,169	2.3
15	1,126	1,065	2,191	2.3
16	1,152	1,060	2,212	2.3
17	1,117	1,014	2,131	2.2
18	820	746	1,566	1.6
19	629	561	1,190	1.2
20	406	491	897	0.9
21	462	474	936	1.0
22-24	1,493	1,500	2,993	3.1
25-34	4,351	4,429	8,780	9.3
35-44	4,690	4,660	9,350	9.9
45-54	5,456	5,223	10,679	11.3
55-59	2,724	2,538	5,262	5.5
60-61	1,028	966	1,994	2.1
62-64	1,503	1,386	1,994	3.0
65-74	3,899	3,899	7,798	8.2
75+	2,830	3,133	5,963	6.3
TOTAL	47,839	46,740	94,579	

REGION 2

Under 5	2,157	2,047	4,204	7.7
5	536	487	1,023	1.8
6	582	515	1,097	2.0
7-9	1,776	1,790	3,566	6.5
10-13	2,438	2,320	4,758	8.7
14	599	619	1,218	2.2
15	620	548	1,168	2.1
16	583	577	1,160	2.1
17	560	529	1,089	1.9
18	692	698	1,390	2.5
19	596	656	1,252	2.2
20	619	575	1,194	2.1
21	579	516	1,095	2.0
22-24	1,095	942	2,037	3.7
25-34	2,540	2,557	5,097	9.3

REGION 2 (cont.)

	<u>MALE</u>	<u>FEMALE</u>	<u>TOTAL</u>	<u>% OF TOTAL</u>
35-44	2,402	2,467	4,869	8.9
45-54	2,728	2,821	5,549	10.1
55-59	1,500	1,416	2,916	5.3
60-61	614	547	1,161	2.1
62-64	823	808	1,631	2.9
65-74	2,234	2,015	4,249	7.7
75+	1,461	1,410	2,871	5.2
TOTAL	27,734	26,860	54,594	

REGION 3

Under 5	12,875	12,280	25,155	7.6
5	2,935	2,888	5,823	1.8
6	3,370	3,076	6,446	2.0
7-9	10,686	10,177	20,863	6.3
10-13	15,293	14,531	29,824	9.0
14	3,845	3,493	7,338	2.2
15	3,819	3,603	7,422	2.3
16	3,795	3,674	7,469	2.3
17	3,720	3,521	7,241	2.2
18	3,177	3,226	6,403	1.9
19	2,585	2,706	5,291	1.6
20	2,303	2,534	4,837	1.5
21	1,868	2,239	4,107	1.2
22-24	5,777	5,992	11,769	3.6
25-34	16,103	16,871	32,974	10.0
35-44	17,004	17,293	34,297	10.4
45-54	19,038	19,714	38,752	11.8
55-59	9,763	9,648	19,411	5.9
60-61	3,481	3,502	6,983	2.1
62-64	4,263	4,518	8,781	2.7
65-74	10,182	12,027	22,209	6.7
75+	7,299	8,909	16,208	4.9
TOTAL	163,181	166,422	329,603	

REGION 4

Under 5	7,029	6,838	13,867	7.5
5	1,618	1,576	3,194	1.7
6	1,892	1,576	3,534	1.9
7-9	5,972	5,549	11,521	6.2
10-13	8,432	8,052	16,484	8.9
14	2,193	2,033	4,139	2.2
15	2,171	1,994	4,165	2.2
16	2,049	1,984	4,033	2.2
17	2,081	1,960	4,041	2.2

REGION 4 (cont.)

	<u>MALE</u>	<u>FEMALE</u>	<u>TOTAL</u>	<u>% OF TOTAL</u>
18	2,262	2,248	4,510	2.4
19	1,930	1,953	3,883	2.1
20	1,561	1,725	3,286	1.8
21	1,301	1,465	2,766	1.5
22-24	2,974	3,080	6,054	3.3
25-34	8,557	8,700	17,257	9.3
35-44	9,062	9,367	18,429	9.9
45-54	9,977	10,039	20,016	10.8
55-59	4,907	4,971	9,878	5.3
60-61	1,936	1,935	3,871	2.1
62-64	2,643	2,639	5,282	2.8
65-74	7,375	7,502	14,877	8.0
75+	4,652	5,637	10,289	5.6
TOTAL	92,484	92,892	185,376	

REGION 5

Under 5	4,609	4,510	9,119	8.0
5	1,106	1,035	2,141	1.9
6	1,190	1,142	2,332	2.1
7-9	3,857	3,772	7,629	6.7
10-13	5,330	5,182	10,512	9.3
14	1,364	1,266	2,630	2.3
15	1,357	1,338	2,695	2.4
16	1,383	1,251	2,634	2.3
17	1,348	1,246	2,594	2.3
18	1,030	906	1,936	1.7
19	733	653	1,386	1.2
20	531	581	1,112	1.0
21	468	511	979	0.9
22-24	1,581	1,683	3,264	2.9
25-34	5,032	5,392	10,424	9.2
35-44	5,239	5,553	10,792	9.5
45-54	6,013	6,292	12,310	10.8
55-59	3,009	3,262	6,271	5.5
60-61	1,209	1,293	2,502	2.2
62-64	1,675	1,878	3,553	3.1
65-74	5,178	5,095	10,273	9.0
75+	3,114	3,422	6,536	5.8
TOTAL	56,361	57,263	113,624	

REGION 6

	<u>MALE</u>	<u>FEMALE</u>	<u>TOTAL</u>	<u>% OF TOTAL</u>
Under 5	6,348	6,075	12,423	7.8
5	1,491	1,396	2,887	2.4
6	1,595	1,507	3,102	1.9
7-9	5,020	4,956	9,976	6.2
10-13	7,231	6,939	14,170	8.9
14	1,864	1,728	3,592	2.2
15	1,809	1,802	3,611	2.3
16	1,811	1,717	3,528	2.2
17	1,780	1,699	3,479	2.2
18	1,474	1,253	2,727	1.7
19	1,027	873	1,900	1.2
20	716	797	1,513	0.9
21	627	783	1,410	0.9
22-24	2,373	2,460	4,833	3.0
25-34	7,526	7,751	18,277	9.6
35-44	7,979	8,082	16,061	10.0
45-54	9,235	9,359	18,594	11.6
55-59	4,552	4,491	9,043	5.7
60-61	1,740	1,671	3,411	2.1
62-64	2,535	2,382	4,917	3.1
65-74	6,783	6,954	13,737	8.6
75+	4,310	5,467	9,777	6.1
TOTAL	79,826	80,142	159,968	

REGION 7

Under 5	11,946	11,375	23,321	9.3
5	2,712	2,567	5,279	2.1
6	2,943	2,804	5,747	2.3
7-9	9,157	8,707	17,864	7.1
10-13	11,968	11,580	23,548	9.4
14	2,917	2,646	5,563	2.2
15	2,872	2,687	5,559	2.2
16	2,770	2,563	5,333	2.1
17	2,659	2,501	5,160	2.1
18	2,731	2,887	5,618	2.2
19	2,429	2,519	4,948	2.0
20	2,178	2,279	4,457	1.8
21	2,004	2,101	4,115	1.6
22-24	5,131	5,019	10,150	4.1
25-34	13,659	13,199	26,858	10.7
35-44	12,109	11,689	23,798	9.5
45-54	11,870	11,617	23,487	9.4
55-59	5,481	5,470	10,951	4.4
60-61	2,193	2,110	4,303	1.7
62-64	2,781	2,912	5,693	2.3
65-74	8,364	8,471	16,835	6.7
75+	5,320	5,962	11,282	4.5
TOTAL	126,204	123,665	249,869	

REGION 8

	<u>MALE</u>	<u>FEMALE</u>	<u>TOTAL</u>	<u>% OF TOTAL</u>
Under 5	5,780	5,421	11,201	7.9
5	1,461	1,218	2,619	1.9
6	1,595	1,366	2,741	1.9
7-9	4,648	4,521	9,169	6.5
10-13	6,640	6,328	12,968	9.2
14	1,701	1,611	3,312	2.3
15	1,735	1,573	3,308	2.3
16	1,677	1,548	3,225	2.3
17	1,618	1,621	3,229	2.3
18	1,493	1,341	2,834	2.0
19	1,239	942	2,181	1.5
20	854	833	1,687	1.2
21	606	693	1,299	0.9
22-24	1,973	2,229	4,202	3.0
25-34	6,659	6,577	13,236	9.4
35-44	6,844	7,218	14,062	9.9
45-54	8,083	8,179	16,262	11.5
55-59	3,817	3,820	7,637	5.4
60-61	1,413	1,534	2,947	2.1
62-64	1,990	1,982	3,972	2.8
65-74	5,275	5,950	11,225	7.9
75+	3,584	4,622	8,206	5.8
TOTAL	70,425	71,107	141,532	

REGION 9

Under 5	8,750	8,414	17,164	7.9
5	2,076	1,905	3,981	1.8
6	2,159	2,017	4,176	1.9
7-9	6,762	6,606	13,368	6.1
10-13	9,606	9,050	18,656	8.6
14	2,351	2,306	4,657	2.1
15	2,255	2,107	4,362	2.0
16	2,223	2,172	4,395	2.0
17	2,286	2,116	4,402	2.0
18	2,488	2,751	5,239	2.4
19	2,186	2,738	4,924	2.3
20	2,030	2,550	4,580	2.1
21	1,870	2,225	4,095	1.9
22-24	4,612	4,522	9,134	4.2
25-34	11,240	11,020	22,260	10.2
35-44	10,840	10,788	21,328	9.8
45-54	11,088	11,483	22,571	10.4
55-59	5,311	5,658	10,969	5.0
60-61	2,000	2,101	4,101	1.9
62-64	2,890	3,078	5,968	2.3
65-74	7,598	8,558	16,156	7.4
75+	4,741	6,790	11,531	5.3
TOTAL	107,122	110,955	218,077	

REGION 10

	<u>MALE</u>	<u>FEMALE</u>	<u>TOTAL</u>	<u>% OF TOTAL</u>
Under 5	16,654	15,734	32,388	8.4
5	3,856	3,673	7,529	2.0
6	4,010	3,896	7,906	2.1
7-9	12,746	12,216	24,962	6.5
10-13	17,199	16,624	33,823	8.8
14	4,171	3,922	8,093	2.1
15	4,247	3,792	8,039	2.1
16	4,109	3,844	7,953	2.1
17	4,086	3,831	7,917	2.1
18	4,002	4,211	8,213	2.1
19	3,233	3,552	6,785	1.8
20	2,828	3,360	6,188	1.6
21	2,634	3,195	5,829	1.5
22-24	7,065	8,125	15,190	4.0
25-34	21,609	22,128	43,747	11.4
35-44	19,235	19,756	38,991	10.2
45-54	19,684	20,140	39,824	10.4
55-59	8,957	9,414	18,371	4.8
60-61	3,332	3,544	6,876	1.8
62-64	4,646	4,948	9,594	2.5
65-74	11,852	14,191	26,043	6.8
75+	7,732	11,376	26,043	6.8
TOTAL	187,667	193,462	383,369	

REGION 11

Under 5	89,700	85,824	175,524	9.4
5	19,508	18,873	38,381	2.0
6	20,379	19,422	39,801	2.1
7-9	63,670	60,532	124,202	6.6
10-13	82,166	79,519	161,685	8.6
14	19,193	18,291	37,484	2.0
15	18,628	18,287	36,915	2.0
16	17,856	17,296	35,152	1.9
17	17,109	17,129	34,238	1.8
18	16,154	18,299	34,453	1.8
19	14,347	18,369	32,716	1.7
20	13,406	19,197	32,603	1.7
21	13,324	18,938	32,262	1.7
22-24	46,181	54,983	101,164	5.4
25-34	129,686	130,689	260,375	13.9
35-44	101,494	102,102	203,596	10.9
45-54	92,033	96,783	188,816	10.1
55-59	36,160	40,142	76,302	4.1
60-61	12,791	15,171	27,962	1.5
62-64	16,778	20,235	37,013	2.0
65-74	39,672	57,532	97,004	5.3
75+	24,522	42,220	66,742	3.6
TOTAL	904,747	969,633	1,874,380	

TABLE 4
MEDIAN FAMILY INCOME
(1970 Census)

REGION	MEDIAN	FAMILY	INCOME	\$7,108	---
2				6,506	
3				8,773	
4				7,568	
5				6,812	
6				7,413	
7				8,550	
8				7,414	
9				8,465	
10				9,325	
11				11,645	

State wide median family income was \$9,930.

PHYSICIANS AND DRUGGISTS

In Rural Minnesota

REGION #1

Kittson	3
Marshall	5
Norman	4
Pennington	10
Polk	24
Red Lake	1
Roseau	4
Total	51

REGION #2

Beltzumi	18
Clearwater	4
Hubbard	3
Lake of the Woods	2
Lahnnonen	2
Total	29

REGION #3

Aitkin	4
Carlton	22
Cook	4
Itasca	29
Koochiching	5
Lake	11
St. Louis	
Total	75

REGION #4

Becker	15
Clay	19
Douglas	18
Grant	5
Otter Tail	40
Pope	6
Stevens	6
Traverse	2
Wilkon	3
Total	114

REGION #5

Cass	7
Crow Wing	24
Harrison	18
Todd	8
Wadena	9

REGION #6

Big Stone	8
Chippewa	10
Handiyohi	39
Lac Qui Parle	5
McLeod	15
Necker	14
Renville	9
Swift	10
Yellow Medicine	11
Total	121

REGION #7

Benton	7
Miller	11
Sherburne	4
Stearns	93
Wright	18
Total	133

REGION #8

Chisago	8
Isanti	15
Isanbec	7
Fine	7
Total	37

REGION #9

Cottonwood	9
Jackson	7
Lincoln	4
Lyon	13
Murray	5
Robles	20
Pipestone	9
Redwood	8
Rock	7
Total	82

REGION #2

Blue Earth	64
Brown	25
Faribault	14
LeSueur	12
Martin	19
Nicollet	18
Sibley	5
Watsonian	5
Total	162

REGION #10

Dodge	7
Freeborn	30
Hower	12
Rice	32
Steele	19
Wasca	7
Total	137

REGION #10A

Fillmore	12
Goodhue	31
Houston	5
Olsted	
Wabasha	10
Winona	34
Total	92

REGION #11

Anoka	34
Carver	18
Hennepin	
Scott	12
Total	64

REGION #11A

Dakota	39
Ramsey	
Washington	20
Total	59

TABLE 6
 SKILLED NURSING HOME-INTERMEDIATE CARE FACILITY BEDS BY REGION
 (November 1, 1971)

<u>REGION</u>	<u>SKILLED</u>	<u>ICF</u>	<u>TOTAL</u>
1	465	1,039	1,504
2	215	493	708
3	1,717	1,234	2,951
4	665	2,421	3,086
5	277	2,565	2,842
6	813	1,516	2,329
7	1,342	2,844	4,186
8	329	1,701	2,030
9	711	1,829	2,540
10	2,557	4,041	6,598
11	<u>7,516</u>	<u>10,891</u>	<u>18,407</u>
Totals	16,607	30,574	47,181

<u>REGION</u>	<u>NURSING HOME BEDS PER 1,000 POPULATION</u>
1	15.9
2	13.0
3	9.0
4	16.6
5	25.0
6	14.6
7	16.8
8	14.3
9	11.6
10	17.2
11	9.8

TABLE 7

DAYTIME ACTIVITY CENTERS
BY REGIONS

<u>REGION</u>	<u>NO. OF CENTERS</u>
1	6
2	3
3	12
4	9
5	2
6	7
7	10
8	8
9	8
10	12
11*	41
<hr/>	
TOTAL	118

* Hennepin County--15 of which/is not funded by State.

Ramsey County -- 16 of which/is not funded by State.

TABLE 8
MINNESOTA'S

AREA MENTAL HEALTH-MENTAL RETARDATION PROGRAMS

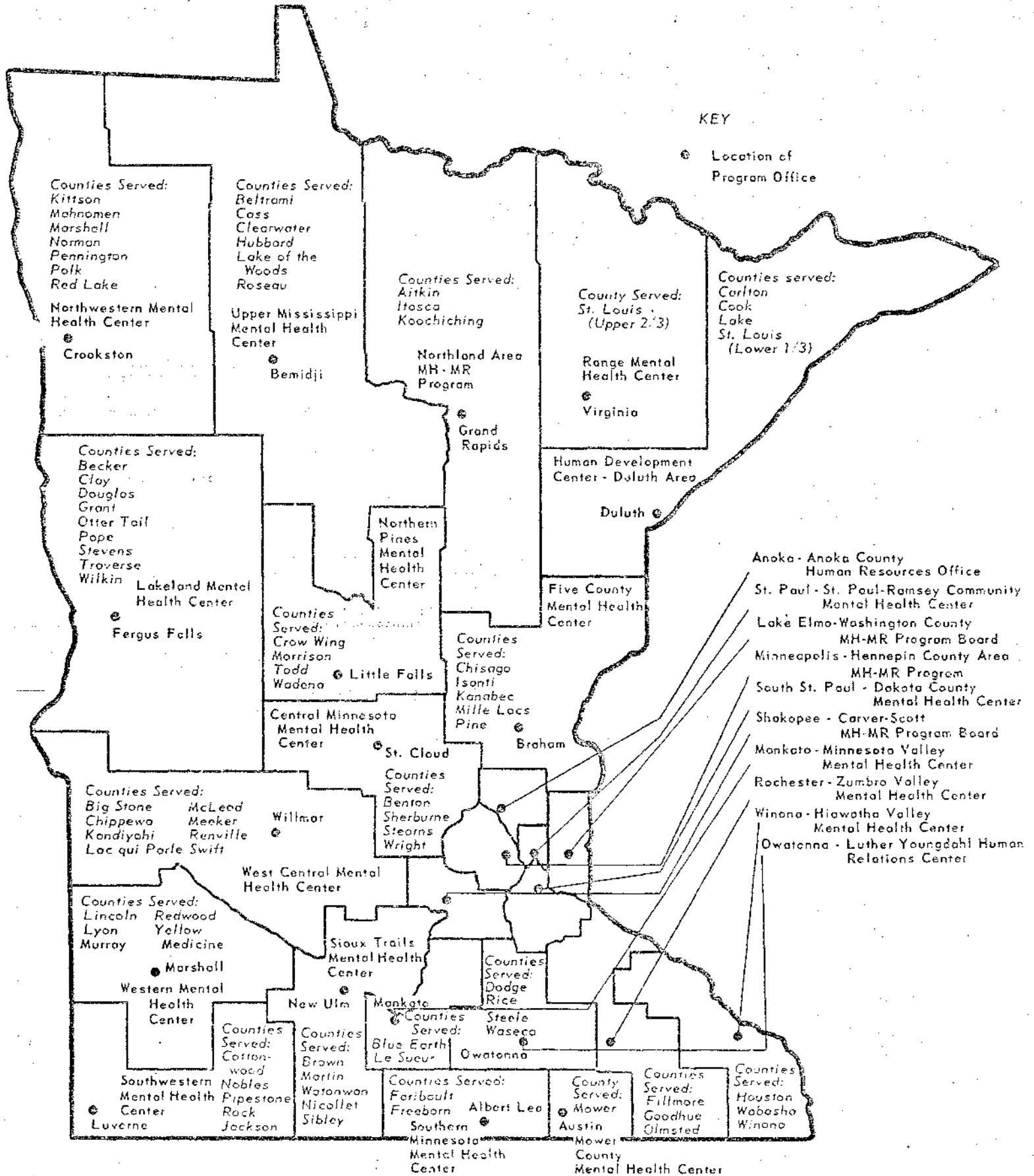


TABLE 9

DETOXIFICATION AND HALFWAY HOUSES

REGION	DETOXIFICATION FACILITY	HALF WAY HOUSE	PRIMARY REHAB
1	3	1	2
2	6	0	1
33	2	3	2
4	7	0	2
5	7	0	1
6	8	2	1
7	3	0	3
8	2	0	0
9	4	1	3
10	6	0	3
11	5	3	6
TOTALS	53	10	24

STATE OF CALIFORNIA
 DEPARTMENT OF CORRECTIONS
 SACRAMENTO, CALIFORNIA
 DIVISION OF REHABILITATION
 DIVISION OF INSTITUTIONS
 DIVISION OF PROBATION
 DIVISION OF PAROLE
 DIVISION OF PLACEMENT
 DIVISION OF RECEPTION
 DIVISION OF TREATMENT
 DIVISION OF WORKS

TABLE 10
COUNTY WELFARE DEPARTMENTS
BY REGIONS

REGION	NUMBER OF COUNTY WELFARE DEPARTMENTS
1	7
2	5
3	7
4	9
5	5
6	9
7	9
8	9
9	9
10	11
11	<u>7</u>
TOTAL	87

TABLE 11

NUMBER OF PSYCHIATRIC BEDS AVAILABLE FOR TREATMENT OF MENTAL ILLNESS
EXCLUSIVE OF STATE HOSPITAL BEDS (Director of Licensed Hospitals and
Related Institutions - 1972, Minnesota Department of Health)

<u>REGION</u>	<u>PSYCHIATRIC BEDS</u>
1	16
2	--
3	74
4	28
5	--
6	12
7	30
8	--
9	22
10	50
11	<u>739</u>
TOTAL	TOTAL 971

TABLE 12

LICENSED RESIDENTIAL FACILITIES (BEDS) FOR
MENTALLY RETARDED BY REGIONS

<u>REGION</u>	<u>LICENSED BEDS</u>
1	50
2	--
3	100
4	118
5	5
6	--
7	49
8	30
9	50
10	166
11	<u>569</u>
TOTAL	1,137

TABLE 13

TENTATIVE RANKING OF THE STATE DEVELOPMENT REGIONS
BASED ON SEVEN HUMAN SERVICE PLANNING INDICES

<u>REGION</u>	<u>RANKING</u>
3 Arrowhead	1
4 Lakeland	2
8 Southwest	3
11* Metro	4
6E & 6W West Central	5
9 South Central	6
1 Northwest	7
7 East Central	8
5 Central	9
2 Upper Mississippi	10
10 Southeast	11

*The rating of Metro in this position is based primarily on judgments about the capability of the East Metro Sub-Region rather than the total Metropolitan Region.

NOTE: See remarks on next page.

Table 13: REGIONAL RANKINGS BASED ON SEVEN HUMAN SERVICE PLANNING INDICES

The Planning Office of the Department of Public Welfare has ranked the Development Regions of the state according to the presence or absence of several criteria relating to human service planning in that region.

It must be pointed out that (a) these are very subjective judgments, and (b) the criteria used might not be the most important in terms of assessing the region. If other criteria were used another ranking would undoubtedly be developed, and (c) finally, these criteria are at a point in time and if applied, even in another month, would probably result in changes in ranking.

The criteria used in this ranking were:

1. Existence of a Regional Development Commission. Consideration was given to the potential for formation of a Commission also.
2. Amount and kind of staff engaged in planning at the regional level and apparent extent to which such regional planning staff has worked out an understood and agreed upon role.
3. Extent to which the region has formally developed a written plan or begun work toward developing such a written plan.
4. Known existence of strong leadership in the region with interest in regional planning. (Clearly data on this is especially subjective and probably incomplete.)
5. Judgments about the history of and potential for the major systems in the region for being able to work together. This refers to the state institutions, the area boards, and the county welfare departments.
6. Judgments about the capability of the Area Boards in the region in terms of ability to develop comprehensive programs.
7. Apparent commitment of the region to human services planning.

These judgments were made after discussions with the following:

- Office of Local and Urban Affairs of the State Planning Agency
- Comprehensive Programs Section of DPW
- Mental Retardation Licensing Staff of DPW
- Information from:
 - Governor's Council on Aging
 - Developmental Disabilities Staff of State Planning Agency
 - Comprehensive Health Planning Staff of State Planning Agency

A final obvious caution to be made is the obvious fact that contacts with additional individuals knowledgeable about the regions would have an impact on the rankings.

TABLE 14

TOTAL BED CAPACITY VERSUS VACANT BEDS AT THE
TEN STATE HOSPITALS AS OF FEBRUARY 1, 1973

FACILITY	TOTAL BED CAPACITY	VACANT BEDS
Anoka	574	151
Fergus Falls	747	167
Hastings	330	74
Moose Lake	693	262
Rochester	838	240
St. Peter	735	108
Willmar	808	270
Brainerd	1,044	159
Cambridge	1,068	254
Faribault	1,616	155
	<u>8,453</u>	<u>1,840</u>

TABLE 15
MENTALLY ILL AND MENTALLY RETARDED HOSPITALS

The American Appraisal Company Retrospective Report as of June 30, 1970 (2)

Figures Rounded to Nearest \$10.00.

Depreciation updated to June 30, 1972.

FACILITY	COST OF LAND IMPROV. AND BUILDINGS	DEPRECIATION RESERVE	NET VALUE OF LAND IMPROV. AND BUILDINGS	PER CENT DEPRE- CIATED	COST OF FIXED EQUIPMENT	DEPRECIATION RESERVE	NET VALUE OF FIXED EQUIPMENT	PER CENT DEPRE- CIATED	TOTAL NET VALUE OF FIXED EQUIP. & BUILDINGS
Asoka	5,491,400	2,559,370	2,933,030	46.6	3,295,190	1,886,620	1,408,560	57.3	4,341,590
Fergus Falls	5,076,460	3,076,340	2,000,120	54.2	3,858,330	2,072,500	1,785,830	53.7	4,385,950
Hastings	3,344,190	2,132,310	1,241,300	62.9	2,197,460	1,363,830	833,630	62.1	2,075,030
Moose Lake	4,034,190	2,109,590	1,904,600	51.5	1,699,020	1,199,520	499,500	70.6	2,484,100
Reebacter	9,586,780	3,452,960	6,533,800	34.6	4,161,990	2,470,620	1,691,370	59.4	8,225,170
St. Peter 1	7,998,430	3,027,410	4,971,020	38.0	4,153,450	2,107,290	2,046,160	50.7	7,017,180
Willmar	4,120,980	1,751,460	2,369,520	42.5	2,512,660	1,255,470	1,257,190	50.0	3,626,720
Cambridge)									
Fergus Falls)	The information on these three institutions will be available after April 1.								
Brainerd)									

1. Willmar — Retrospective Report June 30, 1968.

2. The figures in this report do not include value of land.

TABLE 16

CONDITION OF RESIDENT BUILDINGS ON THE CAMPUS
OF THE TEN STATE HOSPITALS

(Overall judgment "statement" given by a staff member of American Appraisal Company on March 1, 1973).

<u>FACILITY</u>	<u>RESIDENT STRUCTURE</u>
Anoka	Good
Fergus Falls	Fair to good
Hastings	Poor to fair
Moose Lake	Good
Rochester	Good
St. Peter	Good
Willmar	Fair
Brainerd	Good
Cambridge	Fair
Faribault	Poor to fair

TABLE 17

LEGISLATIVE BUILDING COMMISSION RECOMMENDATION
for
BUILDING CONSTRUCTION AND IMPROVEMENTS, 1973-75

<u>FACILITY</u>	<u>RECOMMENDED</u>
Anoka	\$ 157,000
Brainerd	9,000
Cambridge	122,000
Faribault	1,432,305
Fergus Falls	372,000
Hastings	226,070
Moose Lake	154,500
Rochester	392,000
St. Peter	564,500
Willmar	<u>35,000</u>
TOTAL	\$3,464,375

TABLE 18

TOTAL APPROPRIATIONS FOR THE TEN STATE HOSPITALS FOR THE
1971-73 BIENNIUM

Current Expense	\$13,490,000
Salaries	93,150,000
Special Equipment	375,000
Repairs - Replacements	1,185,000

TABLE 19

ACTUAL AND ESTIMATED EXPENDITURE FOR 1971-73 BY FACILITY

FACILITY	CURRENT EXPENSE	SALARIES	REPAIRS AND REPLACEMENTS	SPECIAL EQUIPMENT	TOTAL	RANK
Anoka	\$ 900,344	\$ 6,813,351	\$ 81,031	\$ 20,925	\$ 7,815,651	7
Fergus Falls	1,191,943	7,537,586	155,373	25,169	8,910,071	6
Hastings	701,459	4,508,706	67,000	39,548	5,316,713	10
Moose Lake	910,256	5,546,104	92,300	49,433	6,598,093	9
Rochester	1,514,785	9,051,822	153,034	24,310	10,743,951	5
St. Peter	1,514,775	10,613,791	137,293	41,222	12,307,081	4
Willmar	1,000,507	6,203,003	90,915	29,925	7,324,350	8
Brainerd	1,663,797	11,019,883	99,500	26,876	12,810,056	3
Cambridge	1,547,168	11,579,167	129,799	46,038	13,302,172	2
Faribault	2,557,359	17,194,507	172,916	76,635	20,001,417	1
TOTALS	\$13,502,393	\$90,067,920	\$1,179,161	\$380,081	\$105,129,555	

TABLE 20
FIXED PER DIEM COST
1971-72

FACILITY	REPAIRS & MAINTENANCE	UTILITIES	FUEL	MAINTENANCE & CONSTRUCTION MATERIAL	SUPPORT SALARIES	TOTAL	PATIENT DAYS	FIXED PER DIEM	RANK
Anoka	\$ 4,391	\$ 52,700	\$ 83,259	\$ 471	\$1,171,485	\$1,312,306	153,984	\$ 8.52	9
Brainerd	6,463	95,000	112,000	274	1,737,765	1,951,502	337,687	5.78	5
Cambridge	5,064	69,880	121,150	1,668	1,833,030	2,030,792	352,769	5.76	4
Faribault	18,032	117,860	192,143	2,516	3,105,370	3,435,661	563,454	6.10	6
Fergus Falls	3,870	48,754	110,204	323	1,218,360	1,381,511	208,506	6.63	7
Hastings	3,482		111,550	16	1,008,072	1,123,120	103,491	10.85	10
Moose Lake	3,561	37,109	96,850		791,640	929,250	163,227	5.60	3
Rochester	6,509	61,397	90,172	47,326	1,001,217	1,206,621	243,655	4.95	2
St. Peter	6,007	74,833	103,606	1,636	1,580,268	1,766,350	241,784	7.31	8
Willmar	3,185	32,380	81,260	477	797,121	914,423	199,003	4.60	1
	\$ 60,534	\$ 589,943	\$1,102,194	\$ 54,707	\$14,244,328	\$16,051,736	2567,561	\$ 6.25	

DEPARTMENT OF PUBLIC WELFARETABLE 20AEXPENDITURES OF THE 10 STATE HOSPITALS
FOR FISCAL YEAR 1971-1972

<u>Institution</u>	<u>Current Expense</u>	<u>Salaries</u>	<u>Repairs and Repl.</u>	<u>Special Equipment</u>	<u>Mental Health Research</u>	<u>(*) Federal Accounts</u>	<u>Totals</u>
<u>Mentally Ill</u>							
Anoka State Hospital	476,010	3,442,240	29,260	18,210	2,130	93,140	4,060,990
Fergus Falls State Hospital	613,600	3,856,860	51,370	-	16,800	33,670	4,572,300
Hastings State Hospital	375,860	2,260,640	23,920	14,360	8,250	49,490	2,732,520
Moose Lake State Hospital	459,360	2,742,170	34,230	37,890	-	4,080	3,277,730
Rochester State Hospital	762,730	4,145,760	69,660	-	-	14,940	4,993,090
St. Peter State Hospital	771,250	4,325,180	66,380	4,690	13,900	44,580	5,225,980
Minnesota Security Hospital	-	897,400	-	13,520	-	18,350	929,270
Willmar State Hospital	498,960	2,893,620	40,640	18,490	24,200	52,610	3,528,520
<u>Mentally Retarded</u>							
Cambridge State Hospital	786,200	5,689,170	49,870	21,500	3,690	310,400	6,860,830
Faribault State Hospital	1,273,070	8,198,310	77,450	4,880	4,270	338,230	9,896,210
Erasmus State Hospital	818,160	5,192,350	52,590	26,580	70	302,100	6,391,850
Totals	6,835,200	43,643,700	495,370	160,120	73,310	1,261,590	52,469,290

(*) Includes H.E.W. Training and Research Grants, Education Title I funds, H.E.W. Alcoholism Grants, Vocational Rehab. Grants and Neighborhood Youth Corps Grants.

ALL FIGURES ARE ROUNDED TO THE NEAREST TEN DOLLAR.

TABLE 21

NUMBER OF EMPLOYEES AT THE TEN STATE HOSPITALS
AS OF February 20th, 1973

<u>FACILITY</u>	<u>AUTHORIZED COMPLEMENT</u>	<u>ON PAYROLL AS OF March 1, 1973</u>
Anoka	346	332
Fergus Falls	415.6	406.9
Hastings	238	226.6
Moose Lake	311	298
Rochester	522	497.53
St. Peter	555.5	547
Willmar	371.25	351.5
Brainerd	646	640
Cambridge	676	665
Faribault	<u>1,029</u>	<u>982</u>
TOTALS	5,110.35	4,946.53

TABLE 22

AGE - SEX CHARACTERISTICS OF THE OLDER EMPLOYEES AT THE TEN STATE HOSPITALS

Facility	# of Employees 65 yrs. and over 1908	# of Employees 65 yrs. & over with 20 yrs. service	# of Employees 60-65 yrs. 1909-1913	# of Employees 60-65 yrs. with 20 yrs. service	# of Males 50 yrs. or over	# of Females 50 yrs. or over
Anoka	12	2	47	17	66	128
Fergus Falls	19	7	67	23	124	113
Hastings	9	1	23	8	35	54
Moose Lake	15	6	39	14	80	86
Rochester	7	0	36	11	71	102
St. Peter & Minn. Security	31	10	102	36	144	142
Willmar	10	6	40	16	84	82
Brainerd	10	0	54	5	82	187
Cambridge	33	4	113	11	95	271
Faribault	60	24	107	32	137	306
TOTALS	206	60	628	173	918	1,471

TABLE 23

PER DIEM COSTS
1971-72

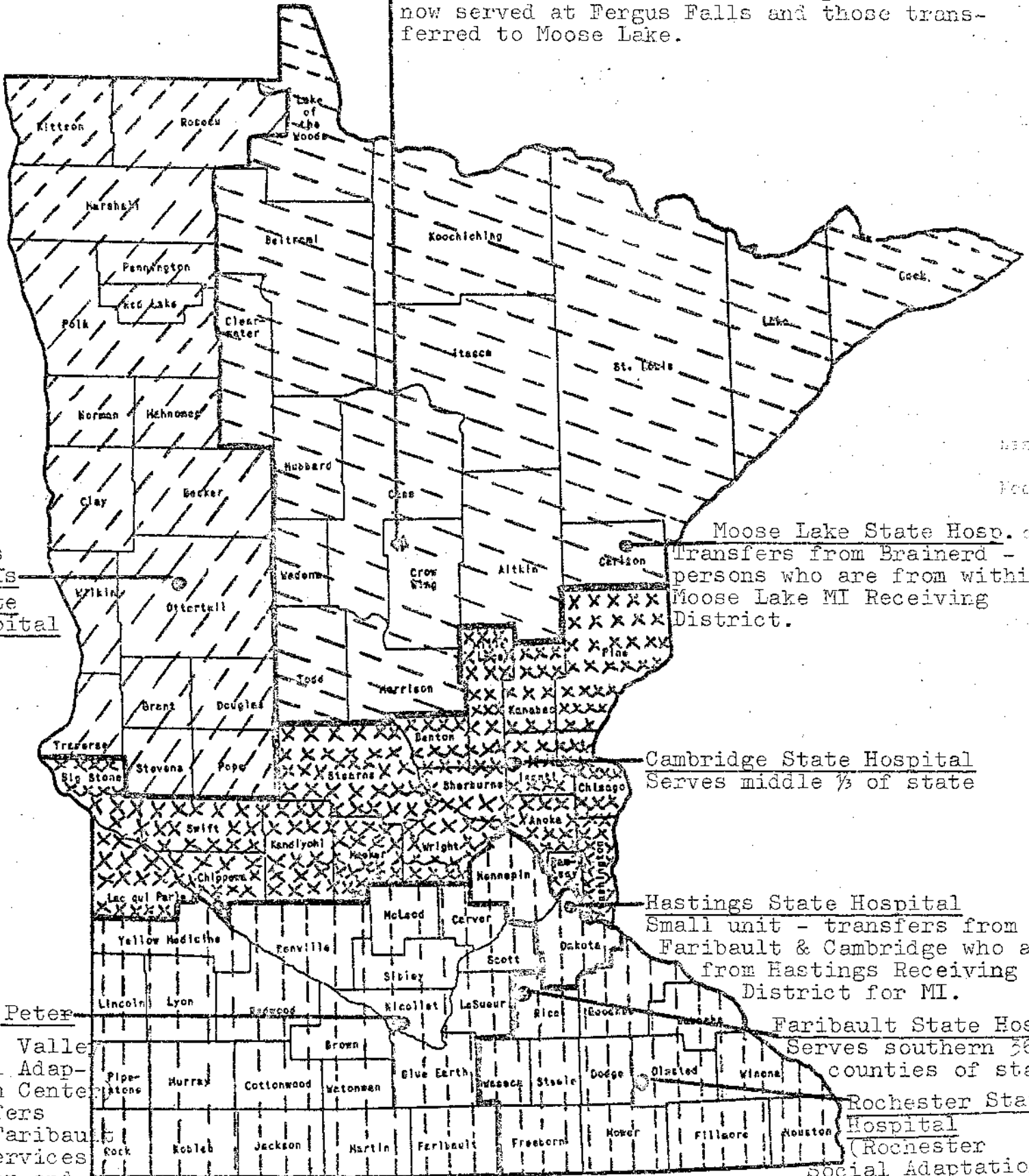
FACILITY	TOTAL EXPENDITURES	PATIENT DAYS	PER DIEM COSTS	RANK
Anoka	\$ 4,105,717	153,984	\$26.66	10
Brainerd	6,391,850	337,687	18.93	3
Cambridge	6,860,830	352,769	19.45	4
Faribault	9,896,210	563,454	17.56	2
Fergus Falls	4,499,994	208,506	21.58	8
Hastings	2,662,658	103,491	25.73	9
Moose Lake	3,273,407	163,227	20.05	5
Rochester	4,900,370	243,656	20.11	6
St. Peter	5,130,246	241,784	21.22	7
Willmar	3,442,516	199,003	17.30	1
TOTALS	\$51,163,798	\$2,567,561	\$19.93	

TABLE 24
STATE REPARATION FACILITIES RECEIVING AREA

DPW-348
(9-71)

Brainerd State Hospital

Serves northern 1/3 of state except for those now served at Fergus Falls and those transferred to Moose Lake.



Moose Lake State Hosp.
Transfers from Brainerd - persons who are from within Moose Lake MI Receiving District.

Cambridge State Hospital
Serves middle 1/3 of state

Hastings State Hospital
Small unit - transfers from Faribault & Cambridge who are from Hastings Receiving District for MI.

Faribault State Hosp
Serves southern 26 counties of state

Rochester State Hospital
(Rochester Social Adaptation Center) transfers from Faribault who are within Rochester MI Receiving District

Fergus Falls State Hospital

St. Peter
inn. Valle
cial Adap-
tion Center
ansfers
om Faribault
& services
llmar and
. Peter MI Receiving
stricts (adults only)

TABLE 25
 STATE HOSPITAL MENTALLY ILL RECEIVING AREA

DPM-448
(9-71)

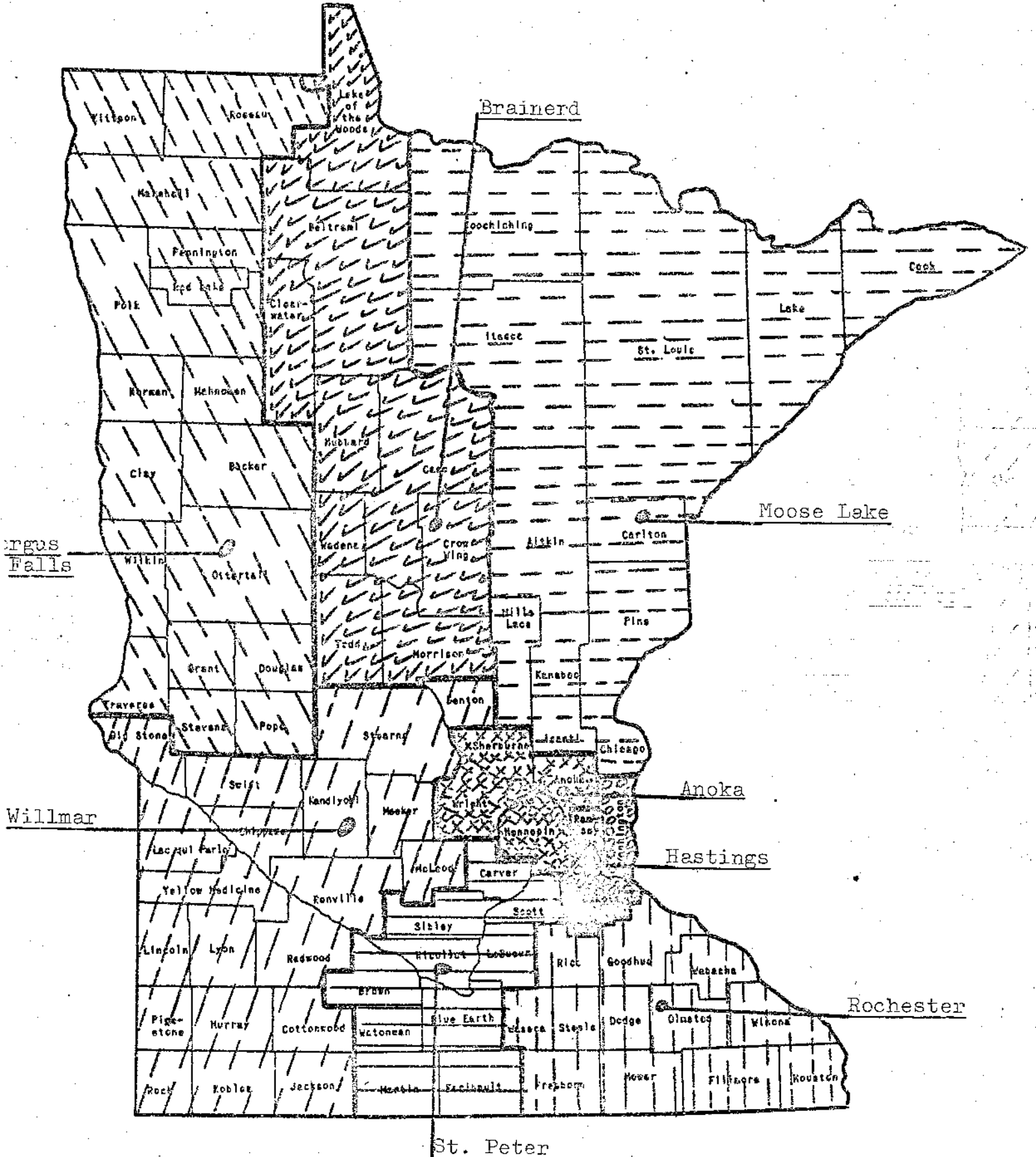


TABLE 26
STATE HOSPITAL INEBRIATE RECEIVING AREAS

DPW-448
 (9-71)

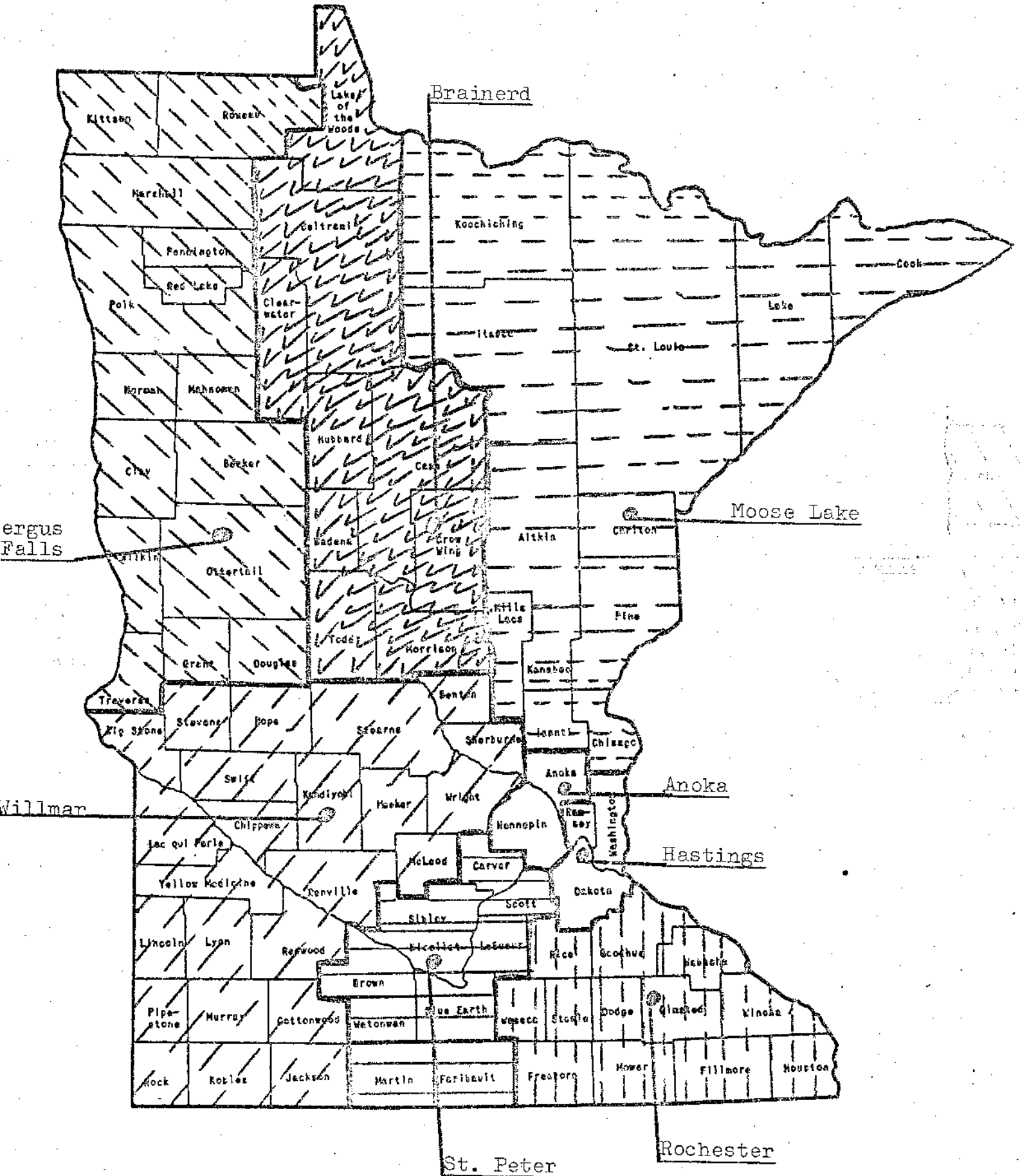


TABLE 27
POPULATION AT THE TEN STATE HOSPITALS AS OF FEBRUARY 1, 1973

INSTITUTION	Average Daily Population		INEBRIATES	TOTAL	TOTAL BED CAPACITY	VACANT BEDS
	MI's	MD's				
Ancker	286		137	423	574	151
Fergus Falls	174	325	81	580	747	167
Hastings	162	28	66	256	330	74
Moose Lake	270	92	69	431	693	262
Rochester	463	135		598	838	240
St. Peter	227	359	41	735*	735* ²	108
Willmar	378		160	538	808	270
Brainerd	65	778	42	885	1,044	159
Cambridge		814		892* ¹	1,068* ³	254
Faribault		1,461		1,461	1,616	155
TOTALS	2,025	3,992	596	6,799	8,453	1,840

* Includes population at Minnesota Security Hospital.

*¹ Includes population at Lake Owasso Children's Home.

*² Represents beds at St. Peter State Hospital and Minnesota Valley Social Adaptation Center.

*³ Includes beds at Lake Owasso Children's Home.

TABLE 28

NUMBER OF RESIDENT-PATIENTS AT EACH STATE HOSPITAL WHO ARE FROM ANOTHER
STATE HOSPITAL RECEIVING AREA (AS OF AUGUST 31, 1972)

FACILITY	MENTALLY ILL	INEBRIATE	MENTALLY RETARDED	TOTAL
Anoka	23	2	--	25
Fergus Falls	18	--	30	48
Hastings	16	3	13	32
Moose Lake	10	5	4	19
Rochester	115	--	5	120
St. Peter	69	5	--*	74
Willmar	89	46	--	135
Brainerd	3	1	42	46
Cambridge	--	--	186	186
Faribault	--	--	195	195
TOTALS	343	62	475	880

* Intake for Minnesota Valley Social Adaptation Center is handled, for the most part, via Faribault, with placement from St. Peter Mental Illness Receiving District placed at Minnesota Valley Social Adaptation Center.

TABLE 29

RETARDED BY INTELLECTUAL LEVEL OF FUNCTIONING AT EACH STATE HOSPITAL
(as of January 3, 1973)

FACILITY	NOT RETARDED	BORDERLINE IQ 67-83	MILD IQ 50-66	MODERATE IQ 33-49	SEVERE IQ 16-32	PROFOUND IQ BELOW 16	NOT DETERMINED	TOTAL
Anoka	--	--	--	--	--	--	--	--
Fergus Falls	--	10	17	54	96	140	9	326
Hastings	--	1	1	7	16	3	--	28
Moose Lake	--	4	8	10	31	17	--	70
Rochester (Social Adaptation Center)	--	--	--	30	--	110	--	140
St. Peter (Minnesota Valley Social Adaptation Center)	--	8	47	84	147	77	--	363
Willmar	--	--	--	--	--	--	--	--
Brainerd	2	49	90	76	151	413	5	784
Cambridge	←1	(25)	(43)	(73)	382	387	--	910
Faribault	--	8	55	143	537	756	--	1,499
TOTALS	3	105	261	477	1,360	1,903	14	4,120

* Includes the retarded which are at Lake Owasso Children's Home.

TABLE 30

MINNESOTA STATE MENTAL INSTITUTIONS
Release Rates and Population Turnover, Fiscal Years 1962-63 through 1971-72
by Disability Group

	Census(1) beg. of year +	Total entering(2)	Total periods of hospitalization	Total releases(3)	Releases per 100 periods of hosp. during yr.	Average daily resident population	Periods of hospitalization per average daily res. pop.
MENTALLY ILL							
1962-63	8,278	4,279	12,557	4,248	33.8	7,853	1.6
63-64	7,584	4,380	11,964	4,198	35.1	7,272	1.6
64-65	7,362	4,500	11,592	4,570	39.5	6,670	1.7
65-66	6,451	4,649	11,130	4,848	43.7	6,005	1.8
66-67	5,799	4,538	10,337	4,925	47.6	5,293	2.0
67-68	5,002	4,553	9,555	5,159	54.0	4,457	2.1
68-69	4,192	4,535	8,637	4,832	56.4	3,708	2.3
69-70	3,525	4,476	8,001	4,710	58.9	3,223	2.5
70-71	3,124	4,157	7,281	4,498	60.5	2,760	2.6
71-72	2,687	3,769	6,456	4,014	62.2	2,378	2.7
INDEX CASES							
1962-63	277	2,146	2,423	2,094	86.4	286	8.5
63-64	203	2,196	2,479	2,237	90.2	287	8.6
64-65	253	2,201	2,459	2,181	88.7	274	9.0
65-66	269	2,379	2,648	2,301	89.9	284	9.3
66-67	274	2,375	2,649	2,359	89.1	290	9.1
67-68	287	2,595	2,882	2,617	90.8	283	10.2
68-69	263	3,093	3,356	3,096	92.3	326	10.3
69-70	325	3,304	3,629	3,293	90.7	371	9.8
70-71	412	3,857	4,269	3,820	89.5	427	10.0
71-72	476	4,635	5,111	4,585	89.7	542	9.4
MENTALLY RETARDED							
1962-63	6,376	346	6,722	369	5.5	6,991	1.1
63-64	6,259	391	6,650	351	5.3	5,973	1.1
64-65	6,114	411	6,525	361	5.5	5,916	1.1
65-66	6,101	315	6,416	298	4.6	5,895	1.1
66-67	5,901	323	6,224	433	7.0	5,619	1.1
67-68	5,690	235	5,975	616	10.3	5,265	1.1
68-69	5,215	351	5,566	517	9.3	4,971	1.1
69-70	4,969	274	5,243	547	10.4	4,696	1.1
70-71	4,589	342	4,931	546	11.1	4,412	1.1
71-72	4,378	302	4,680	487	10.4	4,208	1.1

(1) Patients in residence plus those on extended visit.

(2) Admissions plus returns from provisional discharge.

(3) Direct discharges plus discharges from short leave plus provisional discharges direct from hospital or from short leave.

Prepared by:
Research and Statistics
Hum. Dept. of Public Welfare, 1-23-75

TABLE 31

STATE HOSPITAL UTILIZATION BY REGION -- ADMISSION RATES
PER 1,000 POPULATION, 1970

<u>REGION</u>	<u>MEAN</u>	<u>RANK</u>
1	2.33	6
2	1.84	9
3	3.12	1 (Highest Utilization)
4	2.76	3
5	2.69	4
6	2.64	5
7	2.20	7
8	1.72	10
9	2.04	8
10	3.04	2
11	1.21	11 (Lowest Utilization)

* * *

Anoka State Hospital: Serves part of Region 11 for mental illness (four counties) and part of Region 11 for chemical dependency (two counties).

Fergus Falls State Hospital: Serves all of Region 1 and 4 for mental illness, chemical dependency and mental retardation.

Hastings State Hospital: Serves part of Region 11 (three counties) for mental illness, and chemical dependency. Retarded at Hastings are, for the most part, from Dakota, Washington, and Ramsey Counties.

Moose Lake State Hospital: Serves Region 3 and part of Region 7 for mental illness and chemical dependency. Retarded, for the most part are from Region 3.

Rochester State Hospital: Serves Region 10 for mental illness and chemical dependency. Retarded that have been transferred to Rochester are, for the most part from Region 10. System-wide Surgical Unit.

Table 31 (Continued)

St. Peter State Hospital: Serves Region 9 for mental illness and chemical dependency and has adult retarded from Regions 8 and 9. Security Hospital is a part of this campus.

Willmar State Hospital: Serves totally Regions 6 and 8 and part of Region 7 for mental illness and chemical dependency.

Brainerd State Hospital: Serves Regions 2 and 5 for mental illness, chemical dependency and mentally retarded. Has considerable number of retarded from Region 3 as well.

Cambridge State Hospital: Serves all of Regions 6 and 7 and part of Region 11 (Anoka, Ramsey and Washington County) for retarded.

Faribault State Hospital: Serves all of Regions 8, 9, 10 and part of 11 (Hennepin, Carver, Scott and Dakota) for retarded.

TABLE 32(A)

STATE HOSPITAL PATIENT MOVEMENT: ALL PATIENTS
(Does not include day-care or outpatient movement)

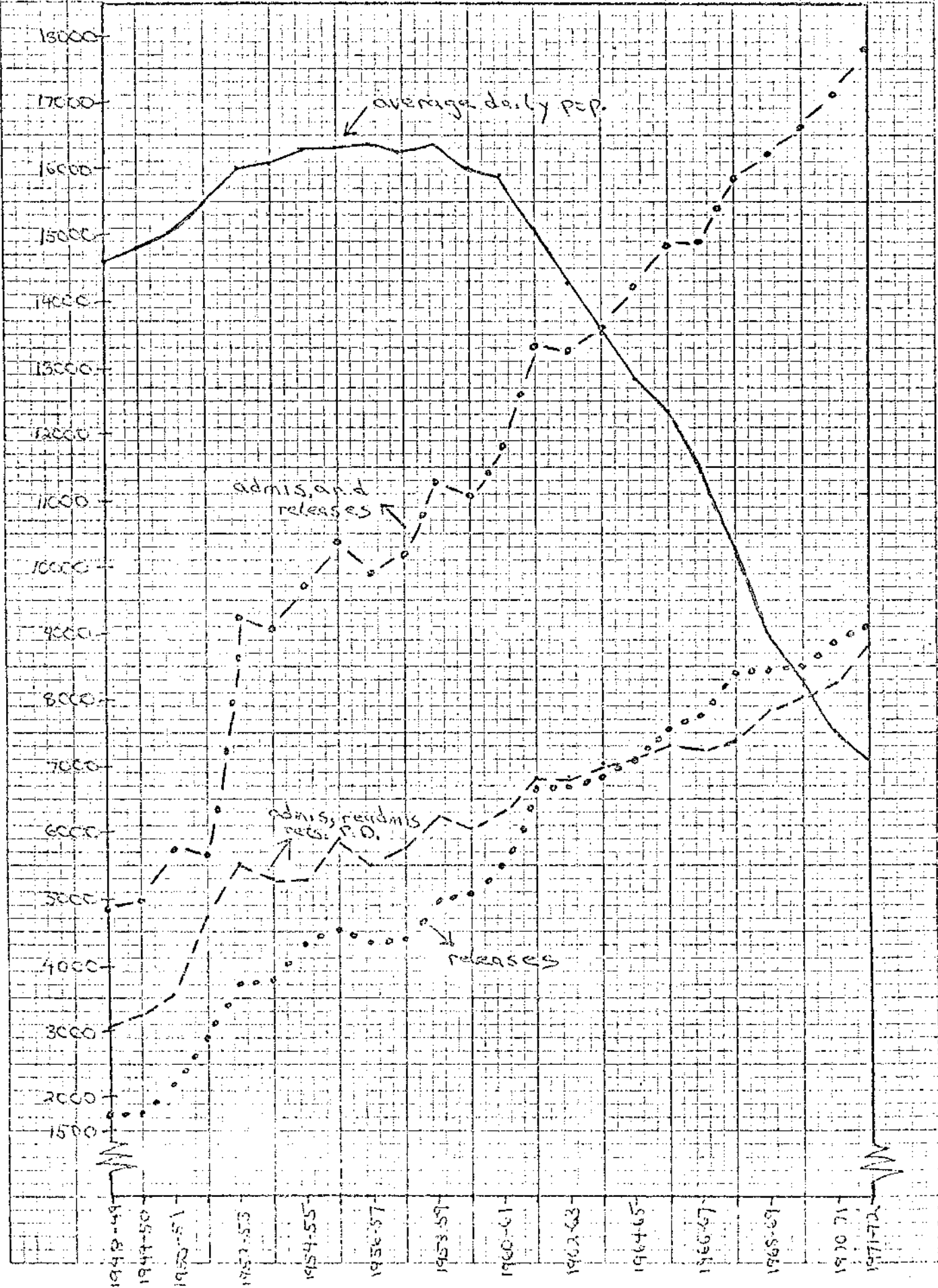


TABLE 32 (B)

STATE HOSPITAL PATIENT MOVEMENT: MENTALLY ILL
 (does not include day care or out patient movement)

Average daily pop.

admis and releases

admis, readmis, rees. P.D.

releases

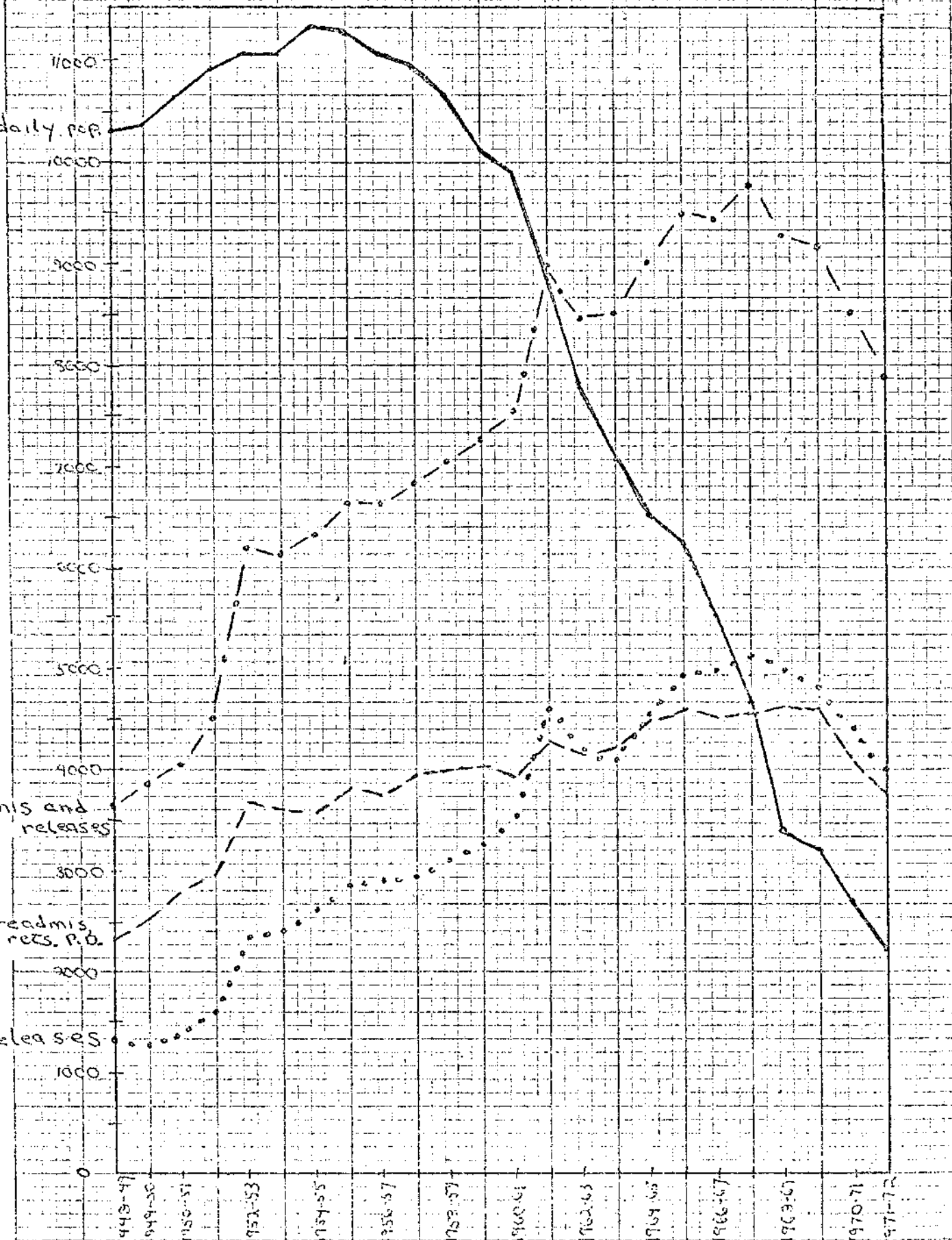


TABLE 32 (C)

STATE HOSPITAL PATIENT MOVEMENT: CHEMICALLY DEPENDENT
 (figures not include daycare or outpatient movement)

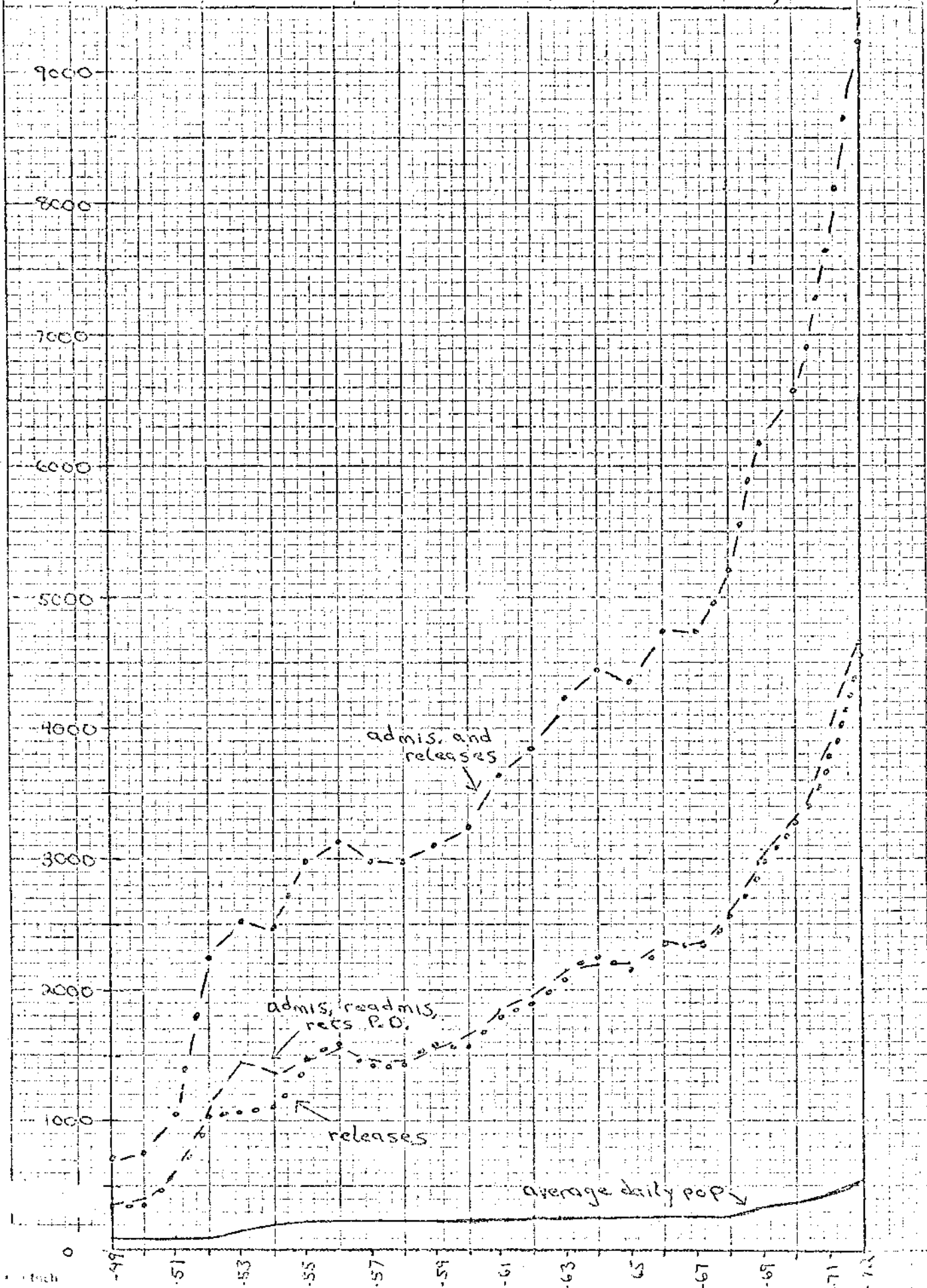
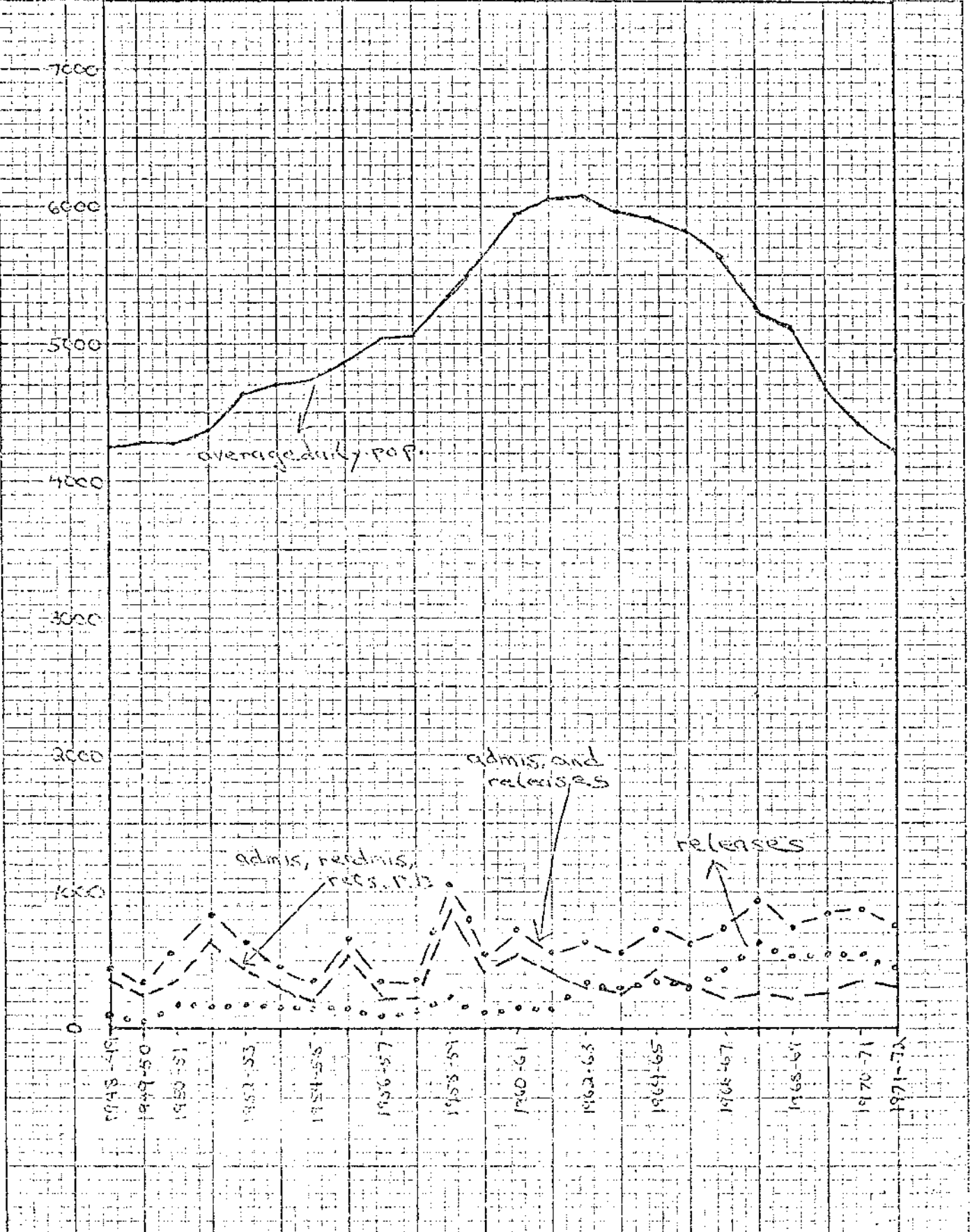


TABLE 32 (D)

STATE HOSPITAL PATIENT MOVEMENT: MENTALLY RETARDED
 (does not include day care or out patient movement)



"BED" TURNOVER

LOOSELY SPEAKING, THE NUMBER OF PATIENTS OCCUPYING EACH "BED" FOR THE YEAR INDICATED, USING AVERAGE DAILY POPULATION AS THE DEFINITION OF NUMBER OF "BEDS", OR:

$\frac{\text{all admissions}}{\text{average daily population}}$

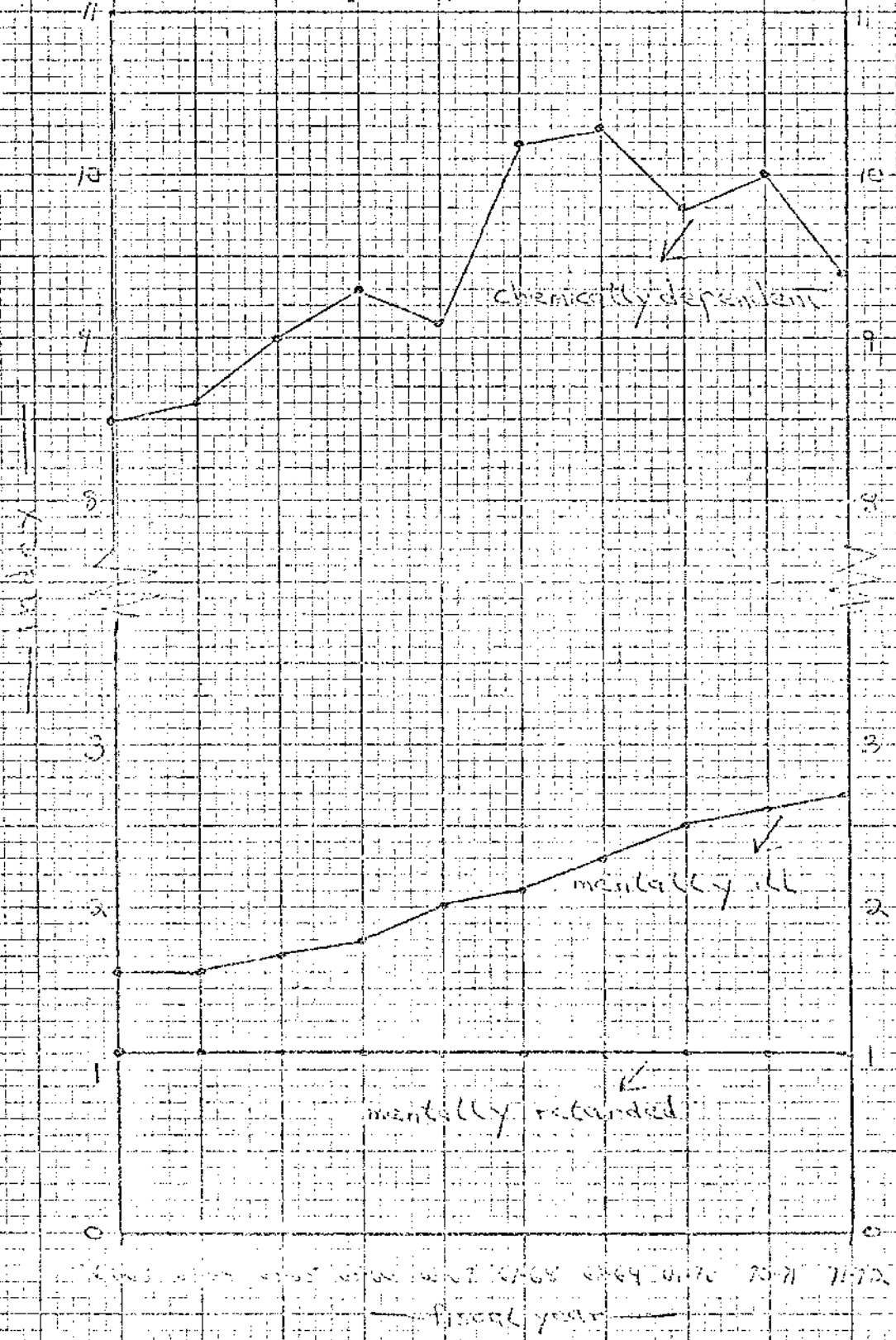


TABLE 33 (A)

RECIDIVISION RATE

A. Recidivism Rate (% of those discharged who returned to institution in same year):

Readmissions X100

Releases

B. Percent Staying Out of the hospital (100% -- % Returned).

INSTITUTION	<u>MENTAL RETARDATION</u>		<u>MENTAL ILLNESS</u>		<u>CHEMICAL DEPENDENCY</u>	
	Per Cent Returned	Per Cent Staying Out	Per Cent Returned	Per Cent Staying Out	Per Cent Returned	Per Cent Staying Out
Anoka	--	--	52	48	73	27
Fergus Falls	34	66	52	48	54	46
Hastings	6	94	56	44	50	50
Moose Lake	0	100	58	42	62	38
Rochester	10	100	52	48	--	--
St. Peter	35	65	41	59	57	43
Willmar	--	--	54	46	59	41
Erainerd	23	77	54	46	55	45
Cambridge	30	70	--	--	--	--
Faribault	20	80	--	--	--	--

From "Alternate Hospital Indices", Kratz & Nystrom, 12-73, and "State Hospital Programs for the Mentally Ill", Ravensborg, 1973.

TABLE 33 (B)

AVERAGE LENGTH OF STAY IN HOSPITAL

Average daily population X 365
releases

MENTAL RETARDATION		MENTAL ILLNESS		CHEMICAL DEPENDENCY	
INSTITUTION	DAYS	INSTITUTION	DAYS	INSTITUTION	DAYS
Hastings	553 ¹ (Fewest)	Brainerd	98	St. Peter	34 (Fewest)
Brainerd	2,011 ²	Hastings	113	Moose Lake	37
Cambridge	2,394 ³	Fergus Falls	117	Hastings	38
Fergus Falls	3,541 ⁴	Anoka	169	Fergus Falls	41
St. Peter	3,650 ⁵	Rochester	198	Brainerd	43
Faribault	6,955 ⁶	Moose Lake	253	Willmar	48
Moose Lake	7,543 ⁷	Willmar	312	Anoka	54 (Most)
Rochester	11,437 (Most)	St. Peter	447 (Most)		

--This shows average time spent in institution for all patients, including long-term patients; this is not to be confused with length of institutionalization for residents who are released.

--This method approximates but is not identical with an actual count of each resident's days in hospital.

From "Alternate Hospital Indices", Kratz & Nystrom, 12-73, and "State Hospital Programs for the Mentally Ill", Ravensborg, 1973.

TABLE 33 (C)

PATIENT TURNOVER RATE AT TEN STATE HOSPITALS
(lower numbers indicate greater turnover)

MENTAL RETARDATION		MENTAL ILLNESS		CHEMICAL DEPENDENCY		ALL DISABILITIES	
Institution	Index	Institution	Index	Institution	Index	Institution	Index
Hastings	.06	St. Peter	.79	Willmar	.94	Cambridge	.52
Fergus Falls	.51	Fergus Falls	.85	Fergus Falls	1.00	Faribault	.59
Cambridge	<u>.52</u>	Anoka	.89	Hastings	1.00	St. Peter	.89
Faribault	.59	Hastings	.89	Moose Lake	1.00	Fergus Falls	.91
St. Peter	<u>.60</u>	Moose Lake	.93	Brainerd	1.01	Hastings	.92
Brainerd	.71	Willmar	.93	St. Peter	1.01	Brainerd	.93
		Rochester	.95	Anoka	1.21	Willmar	.94
		Brainerd	.99			Rochester	.95
						Moose Lake	.97
						Anoka	1.03

--A simple ratio between admissions and releases ($\frac{\# \text{ admissions}}{\# \text{ releases}}$) often used to indicate movement trends within institutions or disability groups. A lower number indicates fewer releases compared to admissions. Similar to the inverse of the Olson Index.

From "Alternate Hospital Indices", Kratz & Mystrom, 12-73, and "State Hospital Programs for the Mentally Ill", Ravensborg, 1973.

TABLE 33 (D)

NET TURNOVER

(higher numbers indicate greater turnover)

 $\frac{\# \text{ releases} - \# \text{ readmissions}}{\text{Population at beginning of year} + \# \text{ new admissions}} \times 100$

MENTAL RETARDATION		MENTAL ILLNESS		CHEMICAL DEPENDENCY	
Institution	Index	Institution	Index	Institution	Index
Hastings	55	Brainerd	67	Brainerd	85
Brainerd	12	Hastings	63	Fergus Falls	83
Cambridge	9	Anoka	55	St. Peter	83
Fergus Falls	7	Fergus Falls	53	Willmar	83
St. Peter	6	Rochester	48	Moose Lake	82
Moose Lake	5	Moose Lake	40	Hastings	81
Faribault	4	Willmar	35	Anoka	52
Rochester	3	St. Peter	34		

--This index compares net effective releases with population on hand plus additions to the population. (After Ravensborg and accounting theory which compares net effective losses with acquisitions plus existing inventory.)

From "Alternate Hospital Indices", Kratz & Nystrom, 12-73, and "State Hospital Programs for the Mentally Ill", Ravensborg, 1973.

TABLE 33 (E)
 "CURE" INDEX AT EACH STATE HOSPITAL BY DISABILITY

This is independent of "revolving door" policies, size of institution, and ratio of disability groups within the institution. A ratio of former patients not returning compared to average daily population. (Higher numbers indicate greater "cure" rate).

MENTAL RETARDATION		MENTAL ILLNESS		CHEMICAL DEPENDENCY	
Institution	Index	Institution	Index	Institution	Index
Hastings	.62	Brainerd	1.71	Hastings	4.81
Brainerd	.15	Hastings	1.43	St. Peter	4.65
Cambridge	.12	Anoka	1.04	Fergus Falls	4.07
Moose Lake	.10	Fergus Falls	.98	Brainerd	3.82
Fergus Falls	.08	Rochester	.90	Moose Lake	3.76
St. Peter	.07	Moose Lake	.61	Willmar	3.12
Faribault	.05	Willmar	.53	Anoka	1.81
Rochester	.03	St. Peter	.48		

A ratio of former patients not returning compared to average number of resident patients (facetiously called "cure"). Higher numbers indicate more favorable ratios.

From "Alternate Hospital Indices", Kratz & Nystrom, 12-73, and "State Hospital Programs for the Mentally Ill", Ravensberg, 1973.

TABLE 33 (F)
 WORKLOAD INDEX AT EACH STATE HOSPITAL BY DISABILITY

(Higher numbers indicate higher patient workload per staff member).

$$\frac{\text{Average daily population + admissions}}{\text{\# Staff}}$$

MENTAL RETARDATION		MENTAL ILLNESS		CHEMICAL DEPENDENCY	
Institution	Index	Institution	Index	Institution	Index
Rochester	1.0	Willmar	3.2	Anoka	9.0
Moose Lake	1.1	Moose Lake	3.6	Hastings	10.7
Fergus Falls	1.2	Anoka	3.7	Brainerd	12.1
Cambridge	1.5	St. Peter	3.7	Fergus Falls	13.0
Faribault	1.5	Hastings	4.2	Willmar	16.5
Hastings	1.5	Fergus Falls	4.7	St. Peter	17.5
St. Peter	1.5	Rochester	5.2	Moose Lake	19.8
Brainerd	1.7	Brainerd	5.4		
Willmar	2.1				

A ratio of the average number of staff to the number of residents dealt with in terms of average number of residents and number of admissions.

From "Alternate Hospital Indices", Kratz & Nystrom, 12-73, and "State Hospital Programs for the Mentally Ill", Ravensborg, 1973.

TABLE 33 (G)

AVERAGE COST PER HOSPITALIZATION

MENTAL ILLNESS		CHEMICAL DEPENDENCY	
Institution	Cost	Institution	Cost
Brainerd	\$1,868	St. Peter	\$649
Fergus Falls	\$2,356	Fergus Falls	\$697
Hastings	\$2,773	Willmar	\$704
Rochester	\$3,295	Moose Lake	\$717
Anoka	\$3,781	Brainerd	\$736
Moose Lake	\$4,412	Hastings	\$821
Willmar	\$4,848	Anoka	\$963
St. Peter	\$8,913		

--Average cost per day (based on Administrative Personnel Cost Reports, (9/5/72) multiplied by average length of stay in hospital (Table 33B)

From "Alternate Hospital Indices", Kratz & Nystrom, 12-73, and "State Hospital Programs for the Mentally Ill", Ravensborg, 1973.

TABLE 33 (H)
 OVERALL PERFORMANCE OF STATE HOSPITALS SERVING MENTALLY ILL AND CHEMICALLY DEPENDENT PERSONS

Institution	MENTAL ILLNESS		CHEMICAL DEPENDENCY	
	Performance Rank	Chronic Population Rank	Performance Rank	Chronic Population Rank
Anoka	3	2	7 (Poorest)	1 (Least)
Fergus Falls	4	5	3	6
Hastings	2	3	2	4.5
Moose Lake	7	4	4	3
Rochester	5	7	---	8 (Most)
St. Peter	6	1 (Least)	1 (Best)	4.5
Willmar	8 (Poorest)	6	6	2
Brainerd	1 (Best)	8 (Most)	5	7

Performance rank is the average of seven performance indices (recidivism, four turnover indices, length of stay, and "cure" index).

--Based on DPW statistical reports as reflected in seven indices (recidivism, four indices of patient movement, length of stay, and "cure" index).

--Except indirectly, these do not take into account differences between populations in severity of disability, extent of staffing and budget, and availability of community resources (See note on Table 33J).

From "Alternate Hospital Indices", Kratz & Nystrom, 12-73, and "State Hospital Programs for the Mentally Ill", Ravensborg, 1973.

TABLE 33 (I)

OVERALL PERFORMANCE OF STATE HOSPITALS SERVING MENTALLY RETARDED

FACILITY	PERFORMANCE RANK
Fergus Falls	6
Hastings	1 (Best)
Moose Lake	5
Rochester	8 (Poorest)
St. Peter	7
Brainerd	2
Cambridge	3
Faribault	4

Performance rank is the average of seven performance indices (recidivism, length of stay, and four turnover indices, length of stay, and "cure" index).

--Based on DFW statistical reports as reflected in seven indices (recidivism, four indices of patient movement, length of stay, and "cure" index).

--Except indirectly, these do not take into account differences between populations in severity of disability, extent of staffing and budget, and availability of community resources. (See note on Table 33J)

From "Alternate Hospital Indices", Kratz & Nystrom, 12-73, and "State Hospital Programs for the Mentally Ill", Ravensborg, 1973.

*Hastings - Rochester are transfer hospitals. That is, residents have just recently been transferred from Faribault. Experience has thus been limited with performance ranking not a true indication of performance.

TABLE 33 (J)

OVERALL HOSPITAL PERFORMANCE RATING
 CONSIDERING DATA REFLECTED IN TABLES 32 (A) THROUGH 32 (E)

<u>Facility</u>	<u>Rank</u>
Hastings	1 (Best)
Brainerd	2
Cambridge	3
Fergus Falls	4
St. Peter	5
Anoka	6
Moose Lake	7
Faribault	8
Rochester	9
Willmar	10 (Poorest)

NOTE: The information in tables 33(A) through 33(J) should be considered in the light of being "indicators" rather than hard and fast reflections of fact. The reason for the aforementioned is that among other things:

- In some instances several programs were lumped together (Example: Minnesota Learning Center program is grouped with Brainerd State Hospital).
- Within the population at a state hospital and by disability there is a wide variance of the severity of the disability being treated.
- Movement into and out of a hospital by disability group is greatly influenced by attitudes which are prevalent in a given community.
- Movement into and out of a hospital by disability group is greatly influenced by the extent and availability of community resources that can be utilized prior to and subsequent to hospitalization.
- The "attitude" and "judgment" of hospital staff toward a patient (s) can influence a "cure" rate -- how soon discharged, etc.
- Although averaging rankings of different disability groups is questionable, Table 33(J) is included only to arrive at a speculative overall average ranking.

TABLE 34
SUMMARY OF OVERALL RANKINGS

	Anoka	Brainerd	Cambridge	Faribault	Fergus Falls	Hastings	Moose Lake	Rochester	St. Peter	Willmar
HOSPITAL PROGRAM EFFECTIVENESS										
Overall Performance Rating	6	2	3	8	4	1	7	9	5	10
Sub Total	6	2	3	8	4	1	7	9	5	10
FISCAL CONSIDERATIONS										
General Condition of Buildings	5	1	7	9	6	10	4	2	3	8
Operating Costs Per Day	10	3	4	2	8	9	5	6	7	1
Fixed Costs Per Day	9	5	4	6	7	10	3	2	8	1
Sub Total	24	9	15	17	21	29	12	10	18	10
POTENTIAL SAVINGS IF CLOSED										
Fixed Costs	5	8	9	10	6	3	2	4	7	1
LBC New Construction Recommendations	5	1	3	10	7	6	4	8	9	2
Sub Total	10	9	12	20	13	9	6	12	16	3
GRAND TOTAL										
	40	21	30	45	38	39	25	31	39	23
	2	2	6	1	4	3	7	5	3	8

* On the basis of these criteria the highest number indicates the first facility to be closed.

TABLE 34
SUMMARY OF OVERALL RANKINGS

	Anoka	Brainerd	Cambridge	Faribault	Fergus Falls	Hastings	Moose Lake	Rochester	St. Peter	Willmar
HOSPITAL PROGRAM EFFECTIVENESS										
Overall Performance Rating	6	2	3	8	4	1	7	9	5	10
Sub Total	6	2	3	8	4	1	7	9	5	10
FISCAL CONSIDERATIONS										
General Condition of Buildings	5	1	7	9	6	10	4	2	3	8
Operating Costs Per Day	10	3	4	2	8	9	5	6	7	1
Fixed Costs Per Day	9	5	4	6	7	10	3	2	8	1
Sub Total	24	9	15	17	21	29	12	10	18	10
POTENTIAL SAVINGS IF CLOSED										
Fixed Costs	5	8	9	10	6	3	2	4	7	1
LBC New Construction Recommendations	5	1	3	10	7	6	4	8	9	2
Sub Total	10	9	12	20	13	9	6	12	16	3
GRAND TOTAL										
	40	21	30	45	38	39	25	31	39	23
	2	9	6	1	4	3	7	5	3	8

* On the basis of these criteria the highest number indicates the first facility to be closed.