

GREETINGS TO THE STAFF

At the beginning of each academic year, I like to give a word of greeting to the staff. To some this occasion represents nothing more than the continuation of activities that have been carried on in the past. To most of us, however, the beginning of a new academic year is a thrilling experience--a time to review the accomplishments of the past year and to express our ambitions and hopes for the future.

As this year begins, we have completed one year of operation in the new part of our physical plant known as the Mayo Memorial, and our total medical enterprise has officially been christened the University of Minnesota Medical Center. The various units of this Center, which will retain their own names and significance, are the Medical School, the School of Public Health, the School of Nursing, the University of Minnesota Hospitals, et cetera. It may take us a while to get used to this new name, but it expresses, I am sure, the total concept of the College of Medical Sciences.

Moving into the new facilities went along very smoothly, and it shook down much more rapidly and in better shape than all of us, who were concerned with the moving, had hoped for.

One of the new items to greet you this year will be a new staff meeting bulletin. This bulletin will have a new format and will be printed and distributed twice a month. In the past this bulletin has been sponsored by the University Hospitals and the Minnesota Medical Foundation. As an additional sponsor of the new bulletin, we welcome the Minnesota Medical Alumni Association. I look forward to a new and more interesting bulletin with better readability and wider circulation.

The purpose of these staff meetings is to improve the quality of medical care of the patient by critical review and evaluation of the work of the professional staff. This involves all members of the medical team, such as physicians, nurses, record librarians, technicians, and others too numerous to mention who participate. I hope that this year will see a continuation of the excellent staff meetings of the past and further progress in the work of the College of Medical Sciences, achievements in which each and every one should participate and take pride.

-- H. S. Diehl

UNIVERSITY OF MINNESOTA HOSPITALS

R. M. Amberg

INTRODUCTION

The University of Minnesota Hospitals was established to furnish a means for the University of Minnesota to train students in the multiple fields of medical care. Training is given in the Hospitals under the direct supervision and guidance of a competent staff made up of a full-time and part-time faculty. The staff is responsible to the State through the University for both the instruction of the students and the care of the patients. This arrangement has proved satisfactory not only in the training of students but also as an economical means for the State to care for many of its indigent sick.

UNIVERSITY OF MINNESOTA HOSPITALS ADMISSION POLICY

In applying for admission to the Hospitals, it is required that the patient be referred by his family physicians or by a physician in his local community. This rule avoids the criticism that the Hospitals or its clinics are taking patients away from private practitioners. This same policy holds true for patients admitted to the Variety Club Heart Hospital or any other unit of the Hospitals.

Patients are classified according to their ability to pay as County, Per Diem, Teaching and Research, Sixty Fund, Eustis, Rehabilitation, Multiple Sclerosis, Muscular Dystrophy, Private and, in the case of the Heart Hospitals, the Variety Club of the Northwest Fund. There is no distinction made between the various classes in the treatment or privileges afforded.

County patients are those who are totally unable to pay. Their expenses are shared equally by their county and the state. When applying for either outpatient or hospital care, these patients must present county papers filled in by both their physician and their county commissioner (or his representative).

Per Diem patients are those who cannot afford to pay for the services of both a private physician and a private hospital. When applying for either outpatient or hospital care, these patients must present a special form filled in by themselves and their family physicians. They are required to pay their clinic or hospital expenses only, no charge being made for the professional services of the staff. From the standpoint of money received by the Hospitals, there is no difference between a county patient and a per diem patient; consequently, the services and privileges tendered both are identical.

Teaching and Research patients are primarily destitute unmarried obstetrical patients who are unable to avail themselves of county papers.

The Sixty Fund is a special grant from the state legislature which is used to hospitalize indigent psychiatric patients for treatment, teaching and research purposes.

The Child Psychiatric Fund is a special grant from the state legislature which is used to hospitalize indigent children with psychiatric problems for treatment, teaching and research purposes.

The Eustis Fund was set up by William Henry Eustis to care for indigent children under 16 years of age.

The Rehabilitation Fund is a fund provided by the legislature for the use of the Hospitals, through the Department of Rehabilitation and Physical Medicine, to aid in the physical rehabilitation of patients. Referral by a physician is required.

The Multiple Sclerosis Diagnostic Fund, in the sum of \$10,000, was provided for each year of the past biennium to assist in financing the multiple sclerosis clinic. Referral by a physician is required.

The Muscular Dystrophy Fund. - Funds were provided by the Muscular Dystrophy Association of Minnesota to assist in the diagnosis and treatment of people afflicted with muscular dystrophy. Referral by a physician is required.

Private patients, limited in number, are admitted as a convenience to the senior staff. They are usually referred cases from other doctors in the state. They are afforded the same treatment and privileges as are private patients in any private hospital.

The Variety Club of the Northwest Fund is a special annual gift from the Variety Club to assist in the care of patients from any of the communities in the Club area which includes Minnesota, North Dakota, South Dakota, parts of Wisconsin or any other area indicated by the Club. Patients may be admitted for care on this fund on the usual recommendation of a physician. The Variety Club itself may at times wish to indicate and request service for certain patients in which they have a special interest, care to be paid for through this fund. No charge will be made for the professional services of the staff--only for clinic or hospital expenses.

Student Health Service patients are not considered as being Hospitals patients even though a Hospitals intern is assigned to that service. The Student Health Service has its hospital quarters in the University Hospitals but is not a part of the University Hospitals. It is a service institution maintained by the University with a director, staff and budget of its own. The new Student Health Service is located on Church Street west of the Hospitals. This provides outpatient care only. The infirmary occupies the fourth floor of the North wing of the Hospitals.

IN-PATIENT DEPARTMENT

The number of patients admitted for the year 1953-54 was 11,836, and for the year 1954-55, the number was 12,571. The total number of days of hospital treatment aggregated 156,105 for 1953-54, and 173,393 for 1954-55. The average number of days per patient stay in the Hospitals was 13.2 in 1953-54 and 13.7 in 1954-55. Deaths for the year numbered 528. Of this number 90 occurred within 48 hours after admission, and 35 were deaths in the Heart Hospital. This is a net mortality percentage of 3.5. Post mortems for the year 1953-54 numbered 443, an average of 82% of deaths, and in 1954-55, the number was 402, an average of 81.8%. The daily average number of patients was 427.7 in 1953-54, and in 1954-55, the number was 475.04. Surgical operations performed during the year 1953-54 aggregated 8,205, and during 1954-55, 8,076.

OUT-PATIENT DEPARTMENT

The number of new patient visits in 1953-54 was 16,924, and in 1954-55, 18,175. Total patient visits for 1953-54 were 101,101, and for 1954-55, 108,944.

GENERAL REMARKS

The In-Patient service showed an increase of 17,288 patient days over last year, and the Out-Patient department showed an increase of 7,843 visits.

The Psychopathic Department of the Hospitals admitted 392 patients during 1954-55, and 302 in 1953-54. The patients in the Psychopathic Hospital used 18,342 patient days in 1954-55 as against 10,379 in 1953-54.

The waiting list of the Hospitals showed 152 patients on July 1.

In the Out-Patient Department the cost per patient visit was \$4.84 in 1953-54 and \$5.33 in 1954-55, an increase of 49¢ per patient visit. The cost of operating the In-Patient Department was \$24.36 in 1953-54 and \$24.47 in 1954-55, an increase of 11¢ per patient day.

The X-Ray Department reports 73,613 procedures for the year 1954-55 as against 67,696 for the year 1953-54.

The Department of X-Ray Therapy gave 11,892 deep therapy treatments in 1954-55 as against 11,639 in 1953-54. There were 5,183 treatments given on the Cobalt machine in 1954-55 as against 4,960 treatments in 1953-54. The number of superficial therapy treatments given in 1954-55 were 960 and in 1953-54, 918. There were 198 radium treatments given in 1954-55 as against 137 in 1953-54. The total number of radon treatments in 1954-55 was 107 as against 168 the previous year. In the isotope laboratory 952 tracer studies and treatments were given in 1954-55 as against 781 in 1953-54. Phosphorus treatments numbered 57 in 1954-55 as against 44 during the previous year. There were 10 patients treated with radioactive gold and a total of 810 millicuries used. There were 24 Rihsa Blood Volume Studies done and 9 Radioactive Chromium Red Cell and Survival Studies in 1954-55.

The number of hospital prescriptions filled was 160,646 in 1954-55 as against 150,606 in 1953-54.

The Hospital Laboratory made 570,475 determinations during the year 1954-55 as against 578,230 the previous year.

PHYSICAL MEDICINE AND REHABILITATION DEPARTMENT

This department has now completed its first year of operation as a special unit. From July 1, 1954 through June 30, 1955, 2048 patients were treated by the Department of Physical Medicine and Rehabilitation. The total number of patient visits was 39,840, and an average of 19.5 visits per patient, and the total number of treatments was 63,665.

In the Rehabilitation Center 1,097 patients were treated. The total number of patient visits was 19,905, an average of 18.1 visits per patient. 43,729 treatments were given in the Rehabilitation Center:

Physical Therapy	31,201	
Occupational Therapy	10,152	
Speech Therapy	1,062	
Vocational Rehabilitation	<u>1,314</u>	
Rehabilitation Center Total		43,729
Occupational Therapy Special Service Units	19,936	<u>19,936</u>
Department of Physical Medicine and Rehabilitation		63,665

In addition to the medical staff, the Rehabilitation Center staff consisted of 10 physical therapists, 5 occupational therapists, 2 speech therapists, 1 vocational counselor, 1 social worker, 5 orderlies, 3 aides and varying numbers of students for short periods of time.

The staff has assisted in teaching programs for medical students, nursing students, practical nurses, workshop groups and aides both in the Center and throughout the hospital.

In the Physical Medicine and Rehabilitation out-patient clinic 933 patients were seen, and in Polio clinic 173 patients were seen. 698 consultations were answered by the medical staff.

The specific department reports will be presented at the time of their staff meeting assignments.

The Administration of the Hospitals wishes to thank the Variety Club for their support to the Variety Club Heart Hospital; the University Faculty Women's Club who have continued their generous efforts in behalf of our patients; the Crippled Child Relief, the Minnesota Society for Crippled Children and Disabled Adults, the State Division of Social Welfare and the County Welfare Boards for their assistance; the various Nursing Homes for their cooperation; the Traffic Club who year after year continue to provide entertainment, gifts and cheer to our patients at Christmas; the Sunshine Society for their contributions; the Camp Fire Girls; the Girl Scouts; the Needlework Guild; the Junior League; the Minneapolis Council of Church Women; the Minneapolis and Hennepin County Chapter of the American Red Cross; the Volunteer Service Bureau and many other organizations and individuals who have contributed to the welfare of our patients. We wish to express our sincere appreciation to our corps of Volunteers working at information desks and in patient areas. We wish to thank the many people throughout the state who have contributed to the Heart Fund and the Cancer Fund during the past year. To all members of the professional and service staffs of the Hospitals, the administration wishes to extend the appreciation of the Hospitals for their loyal devotion to duty and considerate care of the patients.

UNIVERSITY OF MINNESOTA HOSPITALS

Statement of Income & Expenditures

June 30, 1955

INCOME

County & State Reimbursement	\$ 1,935,501.17	
Pay Bed	1,659,420.42	
Minnesota Hospital & Home for Crippled Children	55,000.00	
Psychopathic Hospital	446,662.00	
Child Psychiatry	135,178.00	
Rehabilitation	265,000.00	
Out-Patient Department	195,693.66	
Student Health Service	82,463.99	
Variety Club Heart Hospital	25,000.00	
University Funds	169,657.00	
Other Funds	<u>53,077.84</u>	\$ 5,022,654.08

EXPENDITURES

Salaries & Wages	\$ 3,270,763.69	
Supplies & Expense	<u>1,815,939.10</u>	\$ 5,086,702.79

OVERDRAFT

\$ -- 64,048.71

DEFICIENCY APPROPRIATION

62,387.00

NET OVERDRAFT - June 30, 1955

\$ -- 1,661.71

COST OF OPERATION

Year	<u>Out-Patient Dept.</u>	<u>In-Patient Dept.</u>	<u>Out-Patient Visit</u>	<u>Hospital Day</u>
1946-47	\$ 263,389.11	\$ 1,740,182.00	\$ 3.14	\$ 12.02
1947-48	334,800.00	2,232,041.50	3.72	16.31
1948-49	330,285.63	2,470,630.55	3.43	17.56
1949-50	393,924.24	2,613,295.32	3.82	18.56
1950-51	411,346.29	2,695,796.40	4.09	18.86
1951-52	433,190.27	3,331,177.99	4.35	21.74
1952-53	452,797.47	3,629,971.84	4.67	22.75
1953-54	489,676.01	3,803,470.24	4.84	24.36
1954-55	580,225.05	4,241,477.74	5.33	24.47

COMPARATIVE TWELVE-MONTHS REPORT
IN-PATIENT DEPARTMENT

	1953-54	1954-55		1953-54	1954-55
<u>Total Patients Admitted</u>					
County (A)	4,177	4,330	Child Psychiatry	28.1	32.3
Pay & Per Diem (B,D,C)	5,845	6,062	Child Psychiatry		
Student Health Service	1,049	1,149	(Pay & Per Diem-		
Psychiatry	127	213	B,D)	19.1	13.6
Psychiatry (Pay & Per			Free	11.5	8.2
Diem)	174	179	Eustis	13.9	12.1
Child Psychiatry	77	62	Variety Club Fund	10.2	13.3
Child Psychiatry (Pay &			Rehabilitation		18.7
Per Diem)	76	94			
Free	107	241	Average Length of		
Eustis	178	169	Stay per Patient	13.2	13.7
Variety Club Fund	26	65			
Rehabilitation		7	Daily Average No.		
	11,836	12,571	of Patients		
<u>Total Patients Treated</u>					
(Discharged)			County (A)	206.6	215.4
County (A)	4,339	4,475	Pay & Per Diem-		
Pay & Per Diem (B,D,F)	5,625	5,867	(B,D,F)	161.4	176.5
Student Health Service	1,054	1,150	Student Health		
Psychiatry	162	243	Service	10.4	10.
Psychiatry (Pay & Per Diem)	156	147	Psychiatry	14.1	35.3
Child Psychiatry	84	63	Psychiatry (Pay,		
Child Psychiatry (Pay &			Per Diem - B,D)	14.3	14.9
Per Diem)	67	92	Child Psychiatry	6.	5.5
Free	107	247	(Pay & Per Diem-		
Eustis	194	174	B,D)	4.	13.8
Variety Club Fund	30	59	Free	3.3	5.4
Rehabilitation		6	Eustis	6.9	5.6
	11,818	12,523	Variety Club Fund	.7	2.3
<u>Total Days Hospital Care</u>			Rehabilitation		.3
County (A)	75,414	78,635	Daily Average Census		
Pay & Per Diem (B,D,F)	58,932	64,451	for Hospital	427.7	475.04
Student Health Service	3,791	3,658			
Psychiatry	5,157	12,904			
Psychiatry (Pay & Per Diem-					
B,D)	5,222	5,438			
Child Psychiatry	2,176	2,009			
Child Psychiatry (Pay & Per					
Diem (B,D)	1,451	1,279			
Free	1,219	1,973			
Eustis	2,477	2,046			
Variety Club Fund	266	869			
Rehabilitation		131			
	156,105	173,393			
<u>Average Days Per Patient</u>					
County (A)	18.	18.1			
Pay & Per Diem (B,D,F)	10.1	11.			
Student Health Service	3.6	3.1			
Psychiatry	40.6	60.5			
Psychiatry (Pay & Per Diem-					
B,D)	41.4	30.3			

COMPARATIVE TWELVE-MONTHS REPORT

IN-PATIENT DEPARTMENT

SERVICE	ADMISSIONS		PATIENT DAYS		AV. LENGTH STAY	
	1953-54	1954-55	1953-54	1954-55	1953-54	1954-55
Surgery (inc. general, tumor, reconstruction, chest)	1,760	1,776	25,518	27,136	14.5	15.3
Urology	819	800	7,916	8,201	9.7	10.3
Orthopedics	207	234	4,880	4,825	23.5	20.6
Neurosurgery	<u>442</u>	<u>485</u>	<u>5,159</u>	<u>6,946</u>	11.7	14.3
Totals	3,228	3,295	43,473	47,108		
Medicine	1,903	1,940	29,412	30,458	15.5	15.7
Neurology	551	588	8,276	7,968	15.	13.6
Dermatology	<u>146</u>	<u>135</u>	<u>2,818</u>	<u>2,688</u>	19.3	19.9
Totals	2,600	2,663	40,506	41,114		
Psychiatry	302	392	10,379	18,342	34.3	46.8
Child Psychiatry	<u>163</u>	<u>156</u>	<u>3,627</u>	<u>3,288</u>	22.3	21.1
Totals	465	548	14,006	21,630		
Ophthalmology	170	165	2,302	2,541	13.5	15.4
Otolaryngology	<u>355</u>	<u>407</u>	<u>2,137</u>	<u>2,602</u>	6.	6.4
Totals	525	572	4,439	5,143		
Gynecology	626	557	8,943	7,978	14.3	14.3
Obstetrics	742	807	4,691	5,299	6.3	6.6
Newborn Pediatrics	596	671	3,910	4,214	6.6	6.3
Pediatrics & Specialties	1,924	2,111	32,278	33,401	16.8	15.8
Health Service	1,130	1,239	3,859	3,915	3.4	3.2
Rehabilitation	<u> </u>	<u>108</u>	<u> </u>	<u>3,591</u>		33.3
TOTALS	11,836	12,571	156,105	173,393	13.2	13.8

COMPARISON OF LENGTH OF STAY

SERVICE	1945-46	1946-47	1947-48	1948-49	1949-50	1950-51	1951-52	1952-53	1953-54	1954-55
General Surgery	15	14	15	14	14	14	13	14	14.5	15.3
Urology	15	13	12	12	11	12	11	10	9.7	10.3
Orthopedics	31	39	22	28	24	27	25	25	23.5	20.6
Neurosurgery	15	16	12	13	12	11	11	15	11.7	14.3
Tumor Surgery	12	10	12	10	12		Included in			
Reconstruction Surgery	29	41	23	19	25		Surgery			
Chest Surgery	--	--	--	24	25		(General)			
Physical Medicine	--	--	--	--	--	--	9	--	--	33.3
Medicine	19	21	18	17	18	21	21	17	15.5	15.7
Neurology	16	16	17	14	16	17	16	16	15.	13.6
Dermatology	16	18	19	21	21	22	20	22	19.3	19.9
Psychiatry	31	35	32	29	26	34	30	34	34.3	46.8
Child Psychiatry	--	--	--	--	--	--	--	19	22.3	21.1
Ophthalmology	16	16	15	15	12	15	14	19	13.5	15.4
Otolaryngology	8	7	7	8	8	9	8	7	6.	6.4
Gynecology	14	11	11	8	11	8	8)	9)	14.3)	14.3)
Tumor Gynecology	37	57	35	18	19	11	11)	--)	--)	--)
Obstetrics	15	14	12	11	10	9	8	7	6.3	6.6
Newborn Pediatrics	13	10	11	9	9	9	8	8	6.6	6.3
Pediatric Specialties	22	18	16	14	14	16	18	17	16.8	15.8
Ambulatory	--	--	11	--	--	--	--	--	--	--
Health Service	4	4	4	4	5	4	4	3	3.4	3.2
TOTALS	16	15	14	13.2	12.7	13	14	13	13.2	13.8

COMPARATIVE TWELVE-MONTHS REPORT

OUT-PATIENT DEPARTMENT

SERVICE	NEW PATIENTS		REVISITS		TOTALS	
	1953-54	1954-55	1953-54	1954-55	1953-54	1954-55
MEDICINE						
General	3,096	3,019	10,982	8,535	14,078	11,554
Allergy	20	38	342	861	362	899
Arthritis	27	83	1,043	2,115	1,070	2,198
Cardiac (adult)	328	304	1,694	1,792	2,022	2,096
CMC (Combined Medical Clinic)			111	283	111	283
Chest	7	13	306	314	313	327
Diabetes	65	19	910	754	975	773
Gastro-intestinal	11	15	287	265	298	280
Hematology	7	12	322	882	329	894
Metabolism	30	43	744	916	774	959
DERMATOLOGY & SYPHILOLOGY	373	464	3,569	3,339	3,942	3,803
NEUROLOGY						
General	501	496	1,210	731	1,711	1,227
Convulsive Disorder		4	281	682	281	686
Multiple Sclerosis	74	40	171	216	245	256
Muscular Dystrophy		64		68		132
Parkinson	1		144	290	145	290
PSYCHIATRY	320	409	2,065	2,964	2,385	3,373
SURGERY						
General	625	562	4,310	3,853	4,935	4,415
Plastic	48	44	457	459	505	503
Proctology	390	381	1,398	1,843	1,788	2,224
Tumor	258	265	3,071	2,946	3,329	3,211
Orthopedic	345	365	1,180	1,514	1,525	1,879
Urology-Female	195	184	847	993	1,042	1,177
Urology-Male	313	307	1,864	1,973	2,177	2,280
Neurosurgery	94	103	501	554	595	657
EYE						
General	747	890	3,670	4,204	4,417	5,094
Refraction			841	866	841	866
Squint			322	231	322	231
EAR, NOSE & THROAT	721	693	2,265	2,811	2,986	3,504
Audiology	170	200	184	279	354	479
GYNECOLOGY						
General	503	508	1,506	1,415	2,009	1,923
Gynecology Tumor	76	39	1,383	1,476	1,459	1,515
OBSTETRICS	299	376	1,479	2,362	1,778	2,738
Night Obstetrics	10	3	261	290	271	293
PEDIATRICS						
General	1,090	1,103	5,025	4,634	6,115	5,737
Allergy	20	33	160	353	180	386
Cardiac	337	338	1,222	1,283	1,559	1,621
Convulsive Seizure	38	61	141	340	179	401
Endocrine	5	8	67	153	72	161
Child Psychiatry	174	186	362	358	536	544
Speech	60	35	163	181	223	216
Well Baby	7	8	254	320	261	328
EMERGENCY W-212	1,923	2,544	9,737	11,832	11,660	14,376
NUTRITION	337	547	117	516	454	1,063
DENTAL	93	123	2,242	1,960	2,335	2,083
POLIO	3	4	258	147	261	151
NORTH	2,574	2,450	12,645	12,929	15,219	15,379
MISCELLANEOUS (Private)	609	578	2,064	2,156	2,673	2,734
VOCATIONAL REHABILITATION		214		531		745
TOTALS	16,924	18,175	84,177	90,769	101,101	108,944

COMPARATIVE TWELVE-MONTHS REPORT

HOSPITAL LABORATORY

LABORATORY	NUMBER OF DETERMINATIONS	
	1953-54	1954-55
Bacteriology	24,572	23,002
Blood Bank	90,647	67,133
Cancer Detection	23,575	22,214
Chemistry	53,565	51,261
Clerks	17,369	7,636
Dispensary	56,702	53,856
North Clinic	7,914	7,503
Electrocardiography & Basal Metabolism	7,570	8,485
Electroencephalography	910	1,073
Heart Catheterization	426	695
Heart Hospital	22,586	24,521
Hematology	66,672	84,194
Hematology - Special	1,386	1,357
Parasitology - Serology	4,769	38,908
Student Health Service	69,359	72,507
Tissues Specimens	5,488	5,291
Blocks	26,681	23,228
Urinalysis	98,039	77,611
TOTALS	578,230	570,475

COMPARATIVE TWELVE-MONTHS REPORT

NORTH CLINIC

CLINIC ATTENDANCE	NEW PATIENTS		REVISITS		TOTALS	
	1953-54	1954-55	1953-54	1954-55	1953-54	1954-55
Medicine	489	501	1,568	2,021	2,057	2,522
Neurology	244	217	813	778	1,057	995
Dermatology	14	1	92	53	106	54
Surgery	435	434	3,435	3,424	3,870	3,858
Urology	200	212	945	999	1,145	1,211
Neurosurgery	343	297	567	609	910	906
Deep X-Ray	81	72	8	1	89	73
Orthopedics	41	63	146	244	187	307
Physical Medicine	29	38	53	18	82	56
Dental	3	0	0	1	3	1
Eye	1	0	40	46	41	46
Ear, Nose & Throat	10	20	26	68	36	88
Obstetrics	226	165	2,419	2,207	2,645	2,372
Gynecology	296	256	1,656	1,426	1,952	1,682
Pediatrics	144	157	846	990	990	1,147
Psychiatry (Child)	1	2	2	5	3	7
Psychiatry (Adult)	18	14	28	39	46	53
TOTALS	2,575	2,449	12,644	12,929	15,219	15,378

CASH SUMMARY

	<u>1953-54</u>	<u>1954-55</u>
Admissions	\$ 9,178.75	8,995.95
Laboratory	21,975.19	22,451.35
X-Rays	1,383.16	1,553.25
Physical Therapy	594.00	575.00
Drugs	1,435.85	738.40
Bandages	444.28	53.00
Treatments	101.20	672.35
Miscellaneous	859.15	1,376.55
	<u>\$ 35,971.58</u>	<u>36,415.85</u>

COMPARATIVE TWELVE-MONTHS REPORT

PHARMACY

MONTH	OUT-PATIENT DEPARTMENT, HEALTH SERVICE, HEART HOSPITAL Rx		HOSPITAL Rx (Including Heart Hosp.)		TOTAL Rx	
	1953-54	1954-55	1953-54	1954-55	1953-54	1954-55
July	3,136	3,344	9,391	10,147	12,527	13,491
August	2,931	3,514	8,920	10,250	11,851	13,764
September	3,010	3,395	8,342	9,005	11,352	12,400
October	3,091	3,347	8,252	9,295	11,343	12,642
November	2,941	3,537	8,957	9,285	11,898	12,822
December	3,049	3,405	8,668	9,926	11,717	13,331
January	2,901	3,403	9,059	9,570	11,960	12,973
February	2,887	3,061	8,855	8,456	11,742	11,517
March	3,778	3,960	10,095	11,255	13,873	15,215
April	3,285	3,538	10,758	10,571	14,043	14,109
May	3,352	3,599	10,019	11,396	13,371	14,995
June	3,450	3,304	11,479	10,083	14,929	13,387
TOTALS	37,811	41,407	112,795	119,239	150,606	160,646

DEPARTMENT OF PHYSICAL MEDICINE AND REHABILITATION REPORT

1954-55

From July 1, 1954 through June 30, 1955, 2048 patients were treated by the Department of Physical Medicine and Rehabilitation. The total number of patient visits was 39,840, an average of 19.5 visits per patient; and the total number of treatments was 63,665.

In the Rehabilitation Center, 1097 patients were treated. The total number of patient visits was 19,904, an average of 18.1 visits per patient. 43,729 treatments were given in the Rehabilitation Center:

Physical Therapy	31,201	
Occupational Therapy	10,152	
Speech Therapy	1,062	
Vocational Rehabilitation	<u>1,314</u>	
Rehabilitation Center - Total		43,729
Occupational Therapy-Special Service Units	<u>19,936</u>	<u>19,936</u>
Department of Physical Medicine and Rehabilitation		63,665

This is a large increase over last year, and it is due to enlarged facilities, increased personnel and new services offered in the Center.

In addition to the medical staff, the Rehabilitation Center staff consisted of 10 physical therapists, 5 occupational therapists, 2 speech therapists, 1 vocational counselor, 1 social worker, 5 orderlies, 3 aides and varying numbers of students for short periods of time.

The staff has assisted in teaching programs for medical students, nursing students, practical nurses, workshop groups and aides both in the Center and throughout the hospital.

In the Physical Medicine and Rehabilitation out-patient clinic 933 patients were seen, and in Polio clinic 173 patients were seen. 698 consultations were answered by the medical staff.

The statistical reports follow.

DEPARTMENT OF PHYSICAL MEDICINE AND REHABILITATION

Treatments	Out-Patient 1954-55	In-Patient 1954-55	Total 1954-55
Rehabilitation Center			
Physical Therapy:			
Diathermy	1,853	264	2,117
Electrical Stimulation	121	247	368
Hot Packs	338	841	1,179
Hubbard Tank		614	614
Massage	2,265	2,170	4,435
Paraffin	294	389	683
Radiant Heat	767	1,406	2,173
Therapeutic Examination	4,619	11,563	16,182
Ultra-violet	586	1,474	2,060
Whirlpool	667	618	1,285
Miscellaneous	6	99	105
	<u>11,516</u>	<u>19,685</u>	<u>31,201</u>
Occupational Therapy:			
A.D.L. Training (Activities Daily Living)	57	263	320
Diversional	308	4,066	4,374
Functional	719	3,905	4,624
Mental Hygiene	90	148	238
Prevocational	93	503	596
	<u>1,267</u>	<u>8,885</u>	<u>10,152</u>
Speech Therapy:			
Speech Evaluation	34	35	69
Speech Training	689	304	993
	<u>723</u>	<u>339</u>	<u>1,062</u>
Vocational Rehabilitation:			
Counseling	207	625	832
Placement	332	150	482
	<u>539</u>	<u>775</u>	<u>1,314</u>
Total Treatments	14,045	29,684	43,729
Occupational Therapy--Special Service Units			
Pediatrics		3,950	3,950
Child Psychiatry		2,461	2,461
Psychiatry		13,525	13,525
Total Treatments		19,936	19,936
PM&R DEPARTMENT--			
TOTAL TREATMENTS	14,045	49,620	63,665
	(Cont'd)		

DEPARTMENT OF PHYSICAL MEDICINE AND REHABILITATION (Cont'd)

Census--Patients Treated	Out-Patient 1954-55	In-Patient 1954-55	Total 1954-55
<u>Rehabilitation Center</u>			
New Patients	415	639	1,054
Total Patient Visits	6,822	13,082	19,904
Total Treated	439	658	1,097
<u>Pediatric O.T.</u>			
New Patients		484	484
Total Patient Visits		3,950	3,950
Total Treated		495	495
<u>Ped. Psych. O.T.</u>			
New Patients		87	87
Total Patient Visits		2,461	2,461
Total Treated		96	96
<u>Psychiatry O.T.</u>			
New Patients		341	341
Total Patient Visits		13,525	13,525
Total Treated		360	360
PM&R DEPARTMENT			
Total New Patients	415	1,551	1,966
Total Patient Visits	6,822	33,018	39,840
Total Treated	439	1,609	2,048
PM&R SERVICE			
	<u>New</u>	<u>Revisits</u>	<u>Total</u>
Out-Patient Clinic	355	578	933
Polio Clinic	9	164	173
In-Patient Consults			698
Total			1,804

COMPARATIVE TWELVE-MONTHS REPORT

X-RAY

PARTS EXAMINED	1953-54	1954-55
Abdomen	1,904	2,228
Angiography (cerebral, venous, arterial, cardiac)	189	205
Angiocardiogram	87	81
Ankle and Foot	652	689
Aortogram	113	41
Arm, Forearm, Elbow	475	336
Arteriogram	10	8
Bronchogram	100	143
Breast Study		990
Chest	18,021	19,138
Cholangiogram	206	266
Colon	3,695	4,001
Cystogram, urethrogram	435	482
Encephalogram	256	260
Facial Bones	165	218
Gall Bladder	724	758
Heart Catheterization	199	281
Heart	1,986	2,266
Hip Nailing	23	23
Hysterosalpingogram	42	34
Pelvimetry	117	134
Pelvis and Hip Joints	2,064	2,271
Planigraphy	334	402
Ribs and Sternum	158	181
Pneumoperitoneum	2	
Mustard Injection	2	
Shoulder Girdle	297	417
Sinuses, Paranasal and Mastoids	423	495
Skull, Orbits, Sella Turcica	1,790	2,183
Small Bowel	147	134
Spine (entire)	2,722	2,912
Spinogram	177	179
Stomach, Duodenum, Esophagus	5,568	5,660
Splenogram	1	--
Thigh, Leg, Knee	1,095	1,140
Urinary Tract	893	899
Isolated Kidney	13	24
Urography, Excretion	1,301	1,369
Urography, Retrograde	411	408
Venacavagram	3	2
Ventriculogram	77	68
Venogram	26	31
Wrist and Hand	641	693
	<hr/>	<hr/>
Total Radiographic Examinations	47,544	52,050
<u>PHOTOFLUOROGRAPHY</u>		
Employees	1,549	1,811
Admission Cases	5,965	6,398
	<hr/>	<hr/>
	7,514	8,209

(Cont'd)

COMPARATIVE TWELVE-MONTHS REPORT

X-RAY (Cont'd)

PARTS EXAMINED	1953-54	1954-55
<u>FLUOROSCOPY</u>		
Diagnostic	12,638	13,354
<u>TOTAL DEPARTMENTAL PROCEDURES</u>	67,696	73,613
<u>PATIENTS</u>		
Cancer Detection Center	5,435	6,279
Hospital	11,550	14,402
Heart Hospital	4,293	4,319
Out-Patient Department	11,903	11,766
Urology X-Ray (5 mos.)		683
Out-Patient X-Ray		1,525
	<u>33,181*</u>	<u>38,974*</u>
Students Health Service*	1,046	1,004
Private*	6,266	7,169
Miscellaneous*	956	1,024
*Included in "Total Patients"		

COMPARATIVE TWELVE-MONTHS REPORT
X-RAY THERAPY DEPARTMENT

TYPE OF TREATMENT	1953-54	1954-55
<u>Deep X-Ray Treatments</u>		
New Patients Treated	584	597
Patients Retreated	190	143
TOTAL NUMBER OF PATIENTS TREATED	774	740
Hennepin County Patients	116	90
Ramsey County Patients	30	35
TOTAL COUNTY PATIENTS	319	321
Out-Patient Treatments	6,980	6,816
House-Patient Treatments	4,659	5,076
TOTAL NUMBER OF TREATMENTS	11,639	11,892
Average No. Treatments per Patient	15.0	16.1
No. Treatments on 250 Machine	3,902	3,935
No. Treatments on 400 Machine	2,777	2,774
No. Treatments on Cobalt Machine	4,960	5,183
<u>Superficial X-Ray Treatments</u>		
140 KV	177	222
Out-Patient Treatments	911	890
House-Patient Treatments	7	70
TOTAL NUMBER OF TREATMENTS	918	960
<u>Phillips Contact Therapy</u>	135	108
<u>Radium</u>		
Total Number of Treatments	158	232
New Patients Treated	137	198
<u>Radon</u>		
Total Number of Treatments	168	107
New Patients Treated	28	16
<u>Isotope Laboratory Report</u>		
Total Number Tracer Studies & Treatments	781	952
Number New Patients Given Tracer Study	592	663
Number Patients Given Repeat Tracer Study	125	207
Number New Patients Given Treatment	54	63
Number Patients Given Retreatment	64	19
Total Number Millicuries	487.5	551.5

(Cont'd)

COMPARATIVE TWELVE-MONTHS REPORT

X-RAY THERAPY DEPARTMENT

TYPE OF TREATMENT	1953-54	1954-55
<u>Phosphorus Report</u>		
Total Number Treatments	44	57
Number New Patients Given Treatment	21	19
Number Retreatments	23	28
<u>Radioactive Gold Report</u>		
Number of Patients Treated		10
Total Number of Millicuries		810
<u>Rihsa Blood Volume Studies</u>		24
<u>Radioactive Chromium Red Cell and Survival Studies</u>		9

COMPARATIVE TWELVE-MONTHS REPORT

WAITING LIST

SERVICE	1950-51	1951-52	1952-53	1953-54	1954-55
Male Surgery	46	18	14	21	7
Female Surgery	39	11	18	14	13
Neurosurgery	4	2	6	5	0
White Surgery	0	0	0	0	0
Plastic Surgery	3	0	0	1	0
Purple Surgery	0	0	0	0	0
Yellow Surgery	0	0	0	0	0
Blue Surgery	0	0	0	0	0
Urology	37	28	5	10	22
Tumor	8	2	0	1	0
Orthopedic Pediatrics	12	3	2	5	1
Reconstruction Pediatrics	0	3	1	1	1
Surgery Pediatrics	1	0	0	0	0
Urology Pediatrics	1	3	0	0	0
Orthopedics	14	17	23	24	23
Chest	0	0	0	0	0
Medicine	12	1	4	3	1
Medicine (Pediatrics)	0	1	1	0	0
Neurology	47	30	32	11	52
Neurology (Pediatrics)	1	1	0	0	0
Psychiatry	11	7	21	13	19
Psychiatry (Pediatrics)	0	0	14	11	7
Dermatology	15	24	6	7	0
Pediatrics	1	0	0	0	0
Ophthalmology	0	0	0	0	0
Ophthalmology (Pediatrics)	0	0	2	2	0
Tonsils & Adenoids	0	1	0	0	0
Physical Medicine (Adult)	0	0	2	3	6
TOTALS	252	152	151	132	152

SOCIAL SERVICE DEPARTMENT

Statistical Report

7-1-54 - 6-30-55

1. Total Number of Cases under Care during Year (MSW and PSW)		9,278
2. Added to Caseload during Year (MSW and PSW)		3,804
a. New	2,120	
b. Old	457	
c. Recurrent	503	
d. Transfer from MSW	407	
e. Transfer from PSW	317	
3. Subtracted from Caseload during Year		2,784
a. Transfer to MSW	641	
b. Transfer to PSW	271	
c. Closed	1,872	
4. Number of Cases in which Action Completed during Year		946
5. Joint Cases	119	
a. NSW	21	
b. PSW	98	
6. Miscellaneous Cases		2,705

Staff

Director	1
Supervisor	1
Medical Workers	8
Psychiatric Workers	8
Clerical	4½

MEDICAL RECORD DEPARTMENT

1954-55

I. Chart Service

The following table shows comparative figures for services rendered by the Record Department during the past two years:

	<u>1953-54</u>	<u>1954-55</u>
Insurance reports completed	5,063	5,364
Charts pulled for studies	26,046	14,474
Out-patient department charts pulled including clinic visits and fails	112,458	119,999
Charts pulled for hospital admissions	11,836	12,571

II. Research Projects

During the year 14,474 charts were pulled for studies and follow-up. This represents 84 studies completed, two re-activated, and nine temporarily discontinued. Studies that are to continue for a long period of time have been classified as long term studies. Of these there are six.

Work sheets from previous studies are filed in doctors' folders and have eliminated duplication of work in several studies.

With the completion of our new facilities and with the excellent cooperation of the staff in using research charts in the department study rooms, we have been able to complete studies more quickly.

III. New Facilities

Remodeled area

An important part of the remodeling of the old record room was the addition of six small study rooms and five individual dictation booths. This has given us a much needed work area for doctors so that it is no longer necessary to remove charts from the department for study. One study room has been equipped with an x-ray viewbox to facilitate study. For the most part we have had excellent cooperation from the staff in this matter. As a result there has been a noticeable improvement in our ability to provide charts for clinics and for studies. However, there are still some areas in the hospitals where charts are still rather inaccessible to the record department.

New area

With the opening of the new area in January of this year two complete changes in method took place. These changes are as follows:

1. Clinic servicing: charts for clinics are now sent by dumb waiter and by conveyor belt to two small record rooms, one on the second floor and one on third. There is a girl in each of these two record rooms who takes the charts

to the clinics on her floor. These girls take care of transfers between clinics and check in charts to be returned to the record department. They also prepare the out-cards for the next day's clinics.

2. Filing method and division of work: Terminal digit filing has been in use for about six months. This relatively new method of filing has proved of benefit in both speed and accuracy of filing as well as in speed of pulling charts from file. The whole filing area of approximately 300,000 charts has been divided among five girls. Each girl is responsible for pulling and filing records and for charting laboratory, x-ray and miscellaneous reports and correspondence.

IV. Stenographic Department

The following table illustrates the service rendered by the Stenographic Department during the past year.

LETTERS TRANSCRIBED	15,909
Out-Patient	7,486
Discharge	6,253
Miscellaneous	1,427
Copy*	743
OPERATIONS TRANSCRIBED	10,617
General Surgery	8,468
Cysto	2,149
PATHOLOGICAL TISSUES	7,357
AUTOPSIES	536

* "Letters copied" includes additional copies of letters or summaries sent to outside doctors as well as copies made of handwritten letters.

About three months ago a stenographer from the department was placed in the surgery suite in an attempt to get operative reports on the charts in a shorter length of time. To date it appears that this plan has resulted in improvement. The monthly list of undictated surgery is somewhat smaller, and there has been a noticeable speed-up in the length of time it takes to get an operative report signed and ready for the chart. Furthermore, the stenographer now takes the signed report to the station and places it on the chart, thereby avoiding the risk of losing reports by the former method of passing them by way of messenger through several hands with no one person responsible for seeing that they finally reached the chart.

V. Professional Activities of Medical Record Librarians

There are now three registered medical record librarians in the department. In December, 1954 Miss Elaine Johnson successfully passed the national registration examination and became an active member of the American Association of Medical Record Librarians. In May, at the annual meeting of the Minnesota Association of

Medical Record Librarians, Miss Johnson was elected corresponding secretary of the Minnesota Association.

Miss Carlson, representing the Twin Cities Chapter of Medical Record Librarians, served as chairman of the committee who in conjunction with the University Extension Service, the Minnesota Hospital Association, the Minnesota Department of Health and the University Hospitals presented a short course in anatomy and medical terminology for the third successive year. Dr. Thomson and Dr. Cornwell served as faculty. Registration for the 1955 course was 141, almost double that of 1954. In addition to the usual group of doctors, secretaries and hospital personnel there was also a group of attorneys and insurance claims people in attendance. In addition, Miss Carlson talked on medical records to students from the schools of Hospital Administration and Physical Medicine.

In September, 1954 Miss Pfenninger spoke at the Western Canada Institute for Hospital Administrators and Trustees in Winnipeg, Manitoba. She talked to the medical record librarians' section on "The Organization of the Medical Record Department" and to the general session on "What Accreditation Expects from Medical Records". On three occasions Miss Pfenninger has talked to the Medical service staff on coding diseases and operations by Standard Nomenclature. At the present time she is serving as president of the Minnesota Association of Medical Record Librarians.

OPERATING ROOMS REPORT

1954-55

Service	Major	Minor	Totals
DEPARTMENT OF SURGERY			
General Surgery	2,017	445	2,462
Neurosurgery	450	86	536
Urology	215	45	260
Orthopedics	211	204	415
DEPARTMENT OF GYNECOLOGY			
	197	217	414
DEPARTMENT OF EAR, NOSE AND THROAT			
Dentistry	32	6	38
DEPARTMENT OF OPHTHALMOLOGY			
	<u>187</u>	<u>66</u>	<u>253</u>
Totals	3,525	1,599	5,124
CYSTOSCOPY DEPARTMENT			
Majors	365	---	365
Cystoscopies	---	959	959
Minors	---	853	853
X-Rays	<u>---</u>	<u>775</u>	<u>775</u>
Totals	365	2,587	2,952
Combined Totals	3,890	4,186	8,076
<u>SUMMARY</u>	<u>1953-54</u>	<u>1954-55</u>	
Majors	3,343	3,890	
Minors	<u>4,862</u>	<u>4,186</u>	
	8,205	8,076	

OPERATING ROOMS REPORT

1953-54

Service	Major	Minor	Totals
<u>Main Operating Room</u>			
General Surgery	645	451	1,096
Gastro-Esophageal	218	1	219
Colon	194	0	194
Comb. Abd. Perineostomy	43	0	43
Super Radical Mastectomy	17	0	17
2nd Looks (Misc.)	32	0	32
Cardio-Vascular	246	22	268
Thoracic	92	4	96
Plastic Surgery	45	34	79
Proctology	82	39	121
Neurosurgery	381	97	478
Urology Surgery	167	62	229
Orthopedics	25	31	56
Gynecology	29	8	37
Otolaryngology-Ophthalmology	4	45	49
	<u>2,220</u>	<u>794</u>	<u>3,014</u>
<u>Cystoscopy Department</u>			
Cystoscopies	---	1,239	1,239
Transurethral Resection & Operative Procedures	284	---	284
Minor Non-Cystoscopies	---	656	656
X-Rays	---	835	835
	<u>284</u>	<u>2,730</u>	<u>3,014</u>
<u>West Operating Room</u>			
Orthopedics	61	138	199
Casts on Operatives	61	130	191
Fractures	34	54	88
Gynecology	211	294	505
	<u>367</u>	<u>616</u>	<u>983</u>
<u>East Operating Room</u>			
Ophthalmology	208	86	294
Otolaryngology	142	564	706
Dentistry	27	37	64
Plastics	94	35	129
Purple Surgery	1	---	1
	<u>472</u>	<u>722</u>	<u>1,194</u>
<u>SUMMARY</u>			
Majors	3,343		
Minors	<u>4,862</u>		
	8,205		