

LOOSE LEAVES.

Cliffs Shaft, Holmes & Ogden,	Lucien Eaton.
Boeing Mine,	Carl Brewer.
Hill-Trumbull,	H. C. Bolthouse.
Hydro Electric System,	O. D. McClure.

B. Maps of the Athens Mine have been sent monthly to the Cleveland office for Pickands Mather & Company. Maps for that part of the Athens Mine known as the Corbit lease and the Mitchell lease have been sent to the fee owners.

Maps of the Barnes-Hecker and Moore-Chase properties have been given the fee owners upon request.

For the fee owners of the Negaunee Mine, fourteen sets of maps of the main levels have been prepared and sent to the Cleveland office.

Maps of the Roman Catholic Cemetery property at Negaunee have been sent each month to Mr. R. S. Archibald, Engineer in charge.

Maps for the Stephenson Mine fee owners and the C. & N. W. Railway, fee owners of the Section 29 lease, were furnished from the Gwinn office.

The Lessors of the Virgil Mine have been furnished with maps in accordance with the terms of the lease.

C. REMARKS ON THE ABSTRACT DEPARTMENT AND VARIOUS SUBJECTS FOR THE YEAR 1927.

Documents received have been entered on the records and copies made where necessary.

MINING OPTIONS AND LEASES.

The options are as follows:

No. 114, C. J. O'Connell, Joan No. 3, Cuyuna Range, Minnesota.

No copies of the Benedictine Sisters option or the Mathisen option were received for record.

MINING LEASES.

The following mining leases were surrendered during the year 1927:

Gwinn Mine lease No. 6.  
Spies Mine lease No. 41.  
Austin Mine lease No. 4.  
Boeing Mine lease No. 49.

The following mining leases were acquired:

Joan No. 3, Cuyuna Range, Minnesota. There is no copy of this lease in our files.

MISCELLANEOUS DOCUMENTS ENTERED ON ENGINEERING RECORDS.

The following is a list of the documents received during the year:

	NO. RECEIVED.	LAST FILE NO.
Land Offers, - - - -	53	1687
Deeds and Miscellaneous, -	40	987
Easements, - - - -	1	152
Rights of Way, - - - -	0	204
Water Rights, - - - -	1	50
Surface Leases, - - - -	37	2555
Application for Sale, - -	11	99
Sales, - - - - -	17	438
Tax Histories, - - - -	0	558
Legal Opinions, - - - -	0	190

LAND OFFERS.

The majority of the land offers were those of lots and housex property in Negaunee. The balance were mineral lands.

DEEDS AND MISCELLANEOUS DOCUMENTS.

The principal ones of these consisted of deeds to lots in Negaunee to this Company.

SURFACE LEASES.

These cover farm and lotx leases.

SALES.

These were for farm and camp sites.

LAND OFFER PLAT BOOKS.

The land offers have been posted in these books.

ABSTRACTS OF TITLE.

The hydro electric abstracts, which began at No. 500, have now reached No. 704. A number of abstracts have been added to this series and copies sent to the Cleveland and Land Department offices.

MICHIGAN STATE TAX COMMISSION.

Maps and estimates of tonnages of the various mines were sent to the Tax Commission, as usual.

TAXES.

A revised tax list was prepared and copies sent to the Cleveland and Land Department offices.

D. THE FORCE.

Mr. James E. Jopling, formerly Chief Engineer, severed his connection with the Engineering Department on April 1st and now acts in a consulting capacity and is known as Consulting Engineer.

Clyde W. Nicolson was absent eight months during the year on a leave of absence.

Ernest Decaire, Jr., who has been driving the Dodge truck and helping the engineers with their underground and surface surveys, was laid off on October 20th. He was again employed on December 13th temporarily.

Archibald Minnear, who has been employed for a number of years as draftsman and engineers helper, was given the position of truck driver and engineers helper at a decrease in salary. This was necessary because of the curtailment in the force.

Charles Bergeron, a laborer, was employed three months during the summer as a chopper assisting the engineers in chopping lines in connection with the cone tour work.

With the above exceptions, the personnel of the Department is the same as in the year 1926.

The following table shows the personnel of the Department during the year in order of entrance:

NAME.	POSITION.	PERIOD EMPLOYED.
R. J. Chenneour,	Asst. Chief Engineer,	Entire year.
H. O. Moulton,	Engineer,	" "
J. Trosvig,	"	" "
T. A. Miller,	"	" "
S. Malmgren,	Helper,	" "
C. W. Nicolson,	Engineer,	Four months.
K. C. Pellow,	"	Entire year.
A. Minnear,	Helper,	" "
C. W. Allen,	Engineer,	" "
E. Decaire, Jr.,	Helper,	Ten months.

The following table shows the days worked, days sickness, percentage of days worked, etc, for all men in the Department. The vacation column is net, after deducting over time, such as Sundays and holidays worked:

NAME.	DAYS WORKED.	DAYS VACATION.	DAYS SICK.	TOTAL DAYS.	PERCENTAGE DAYS WORKED.
R. J. Chenneour,	276	8	0	268	97
H. O. Moulton,	276	10 $\frac{1}{2}$	$\frac{1}{2}$	265	96
C. W. Nicolson,	90 $\frac{1}{2}$	3 $\frac{1}{2}$	0	87	96
T. A. Miller,	276	9 $\frac{1}{2}$	0	266 $\frac{1}{2}$	96
K. C. Pellow,	276	5	5	266	96
J. Trosvig,	276	7	5	264	96
A. Minnear,	276		21	255	92
S. Malmgren,	276	0,	0	282 $\frac{1}{2}$	102
C. W. Allen,	276	4 $\frac{1}{2}$		271 $\frac{1}{2}$	98
E. Decaire, Jr.,	243	0	0	243	100

The following table shows the number of days lost because of sickness and vacation for the last five years by the men in the Department:

NAME.	1923.		1924.		1925.		1926.		1927.	
	VACATION.	SICK.	VACATION.	SICK.	VACATION.	SICK.	VACATION.	SICK.	VACATION.	SICK.
R. J. Chenneour,	6	0	1 $\frac{1}{2}$	0	6	0	7	3 $\frac{1}{2}$	8	0
H. O. Moulton,	9 $\frac{1}{2}$	1	7	0	6 $\frac{1}{2}$	2	8 $\frac{1}{2}$	0	10 $\frac{1}{2}$	$\frac{1}{2}$
C. W. Nicolson,	1	0	17 $\frac{1}{2}$	0	12	0	13 $\frac{1}{2}$	1 $\frac{1}{2}$	3 $\frac{1}{2}$	0
T. A. Miller,	7 $\frac{1}{2}$	0	7 $\frac{1}{2}$	0	9	3	9 $\frac{1}{2}$	4 $\frac{1}{2}$	9 $\frac{1}{2}$	0
K. C. Pellow,	9 $\frac{1}{2}$	7	3 $\frac{1}{2}$	9 $\frac{1}{2}$	0	6	5	4	5	5
J. Trosvig,	0	0	8	5 $\frac{1}{2}$	11 $\frac{1}{2}$	0	0	1	7	5
A. Minnear,	4	2	4		8	1 $\frac{1}{2}$	0	0	0	21
S. Malmgren,	0	0	0	3 $\frac{1}{2}$	0	4	0	7 $\frac{1}{2}$	0	0
C. W. Allen,					0	0	$\frac{1}{2}$	$\frac{1}{2}$	4 $\frac{1}{2}$	0
E. Decaire, Jr.,							0	0	0	0

The following table gives the names of the men in the Department, the date of their employment and the years of service:

NAME.	EMPLOYED.	YEARS OF SERVICE.
R. J. Chenneour,	January 1903,	25
H. O. Moulton,	April 1910,	17 $\frac{3}{4}$
J. Trosvig,	June 1911,	16 $\frac{1}{4}$ - left employ 3 months.
T. A. Miller,	January 1916,	12
C. W. Nicolson,	July 1916,	11 $\frac{3}{4}$ - left employ 2 months.
S. Malmgren,	May 1916,	10 $\frac{1}{2}$ - laid off 1 year.
A. Minnear,	June 1917,	9 $\frac{1}{2}$ - laid off 1 year.
K. C. Pellow,	January 1918,	10
C. W. Allen,	June 1925,	2 $\frac{1}{2}$
E. Decaire, Jr.,	October 1926,	1 $\frac{1}{4}$

THE WORK PERFORMED BY EACH MAN IN THE DEPARTMENT IS DESCRIBED BRIEFLY AS FOLLOWS:

Reginald J. Chenneour, as Assistant Chief Mining Engineer, has had charge of the office during the year, supervising the office work, field and underground surveys. At various times he assisted the engineers with their underground and surface surveys. He was underground 31 $\frac{1}{2}$  days and spent 40 days in the field.

In May, he made an estimate of the Cleveland-Cliffs Iron Company ore in stock at the Algoma Steel Corporation plant at Sault Ste. Marie, Ontario.

In the office, he assembled the report of the Tax Commission maps and had them printed and bound in books.

Since Mr. Jopling left the office, it has been necessary for him to take care of the miscellaneous abstract work. This necessitates more time spent in the office.

Below is a table showing the percentage of his time spent underground, in the field and office:

UNDERGROUND.	FIELD.	OFFICE.	TOTAL.
12	15	73	100

Henry O. Moulton, Engineer, has been in charge of the engineering work at the Negaunee and Maas Mines for the entire year.

For the Negaunee Mine, he made weekly surveys and noted and posted geology, made stockpile estimates and estimated the coal on hand. The development on the new 12th level took considerable of his time at this mine.

In the office, in addition to the regular work, he made the Tax Commission estimate and maps and prepared the annual report maps.

For the Maas Mine, he made weekly surveys and noted and posted geology. On the surface, he had charge of the construction of the new timber tunnel.

In the office, in addition to the regular work, he made the Tax Commission estimates and prepared the annual report maps for the Maas Mine.

He did considerable work, both in the office and in the field, in connection with the housing situation of the Race Track parcel. He spent  $91\frac{1}{2}$  days underground and  $66\frac{1}{2}$  days in the field.

Below is a table showing the percentage of his time spent at the Negaunee and Maas Mines and miscellaneous work:

	UNDERGROUND.	FIELD.	OFFICE.	TOTAL.
Negaunee,	19	5	17	41
Maas,	16	9	21	46
Miscellaneous,	0	11	2	13
Total,	35	25	40	100

Clyde W. Nicolson, Engineer, did the engineering work at the Athens Mine during the months of January, February, March and April. The balance of the year he was on a leave of absence.

For the Athens Mine, he made weekly surveys and noted and posted geology.

In the office, he did considerable work in connection with the hydro electric abstract books, which he posted.

He was underground  $21\frac{1}{2}$  days and spent  $17\frac{1}{2}$  days in the field.

Below is a table showing the percentage of his time spent at the Athens Mine, on abstracts and other miscellaneous work:

	UNDERGROUND.	FIELD.	OFFICE.	TOTAL.
Athens,	25	4	19	48
Abstracts,	0	16	34	50
Minscellaneous,	0	0	2	2
Total,	25	20	55	100

Tom A. Miller, Engineer, did the engineering work at the Cliffs Shaft and Holmes Mines for the entire year.

For the Cliffs Shaft Mine, he made regular surveys, located all drill holes and assisted the geologists with their underground surveys.

On surface, he made stockpile estimates and gave lines for stocking trestles.

In the office, in addition to his regular mine work, he made the Tax Commission estimate and maps and prepared the annual report maps.

For the Holmes Mine, he made weekly surveys and noted and posted geology. He also gave lines for sinking the Holmes Mine shaft an additional lift. This consisted of lining in the shaft sets usually on Sunday in order not to delay the regular work in the shaft.

On surface, he made stockpile estimates and did considerable work in the proposed lay out of railway tracks across the Holmes Mine property.

In the office, in additional to the regular mine work, he made the Tax Commission estimate and maps and prepared the annual report maps.

He was underground 84 days and spent  $18\frac{1}{2}$  days in the field.

Below is a table showing the percentage of his time spent on Cliffs Shaft and Holmes Mines and miscellaneous work:

	UNDERGROUND.	FIELD.	OFFICE.	TOTAL.
Cliffs Shaft,	20	2	33	55
Holmes,	12	2	27	41
Miscellaneous,	0	0	4	4
Total,	32	4	64	100

Kenneth C. Pellow, Engineer, did the engineering work at the Republic and Spies-Virgil Mines.

For the Republic Mine, he made regular surveys and assisted the geologists with their work.

In the office, in addition to his regular work, he made the Tax Commission estimate and maps and prepared the annual report ~~maps~~ maps.

He spent considerable time in the office on the Republic Mine work checking

over the mine maps for possible extension of known ore.

For the Spies-Virgil Mine, he made regular surveys, located all drill holes and assisted the engineers with their surveys.

On surface, he estimated the ore in stock.

In the office, he made the Tax Commission estimate and maps and prepared the annual report maps.

He spent  $9\frac{1}{2}$  days making stockpile estimates of the Stephenson Mine in the Gwinn District.

He was underground  $66\frac{1}{2}$  days and spent 18 days in the field.

Below is a table showing the percentage of his time spent on Republic and Spies-Virgil Mines and miscellaneous work:

	UNDERGROUND.	FIELD.	OFFICE.	TOTAL.
Republic,	10	2	14	26
Spies-Virgil,	15	1	51	67
Miscellaneous,	0	4	3	7
Total,	25	7	68	100

John Trosvig, Engineer, did the engineering work for the Morris-Lloyd Mine for the entire year. At this mine he made weekly surveys and assisted the geologists with their work. He gave lines for sinking the Morris shaft to the 8th level. He laid out and gave lines for a concrete storage pocket on this same level. He also supervised the concreting of the 8th level plat in places where the back was not secure.

On surface, he laid out stocking trestles and made a stockpile estimate.

In the office, in addition to his regular mine work, he made the Tax Commission estimate and maps and prepared the annual report maps. He spent several days in the Gwinn District estimating the stockpiles at the Austin and Princeton Mines.

He was underground  $80\frac{1}{2}$  days and spent 20 days in the field during the year.

Below is a table showing the percentage of his time spent on Morris-Lloyd Mine and miscellaneous work:

	UNDERGROUND.	FIELD.	OFFICE.	TOTAL.
Morris-Lloyd,	31	5	60	96
Miscellaneous,	0	2	2	4
Total,	31	7	62	100

Charles W. Allen, Engineer, did the engineering work at the Ogden mine for the entire year, and for the Athens Mine during the time that Mr. Nicolson was away on a leave of absence.

For the Ogden Mine, he made weekly surveys, located all churn drill holes and computed the powder necessary for each blast and made regular monthly stripping estimates.

In the office, in addition to his regular mine work, he made the Tax Commission estimate and maps and prepared the annual report maps.

For the Athens Mine, he made weekly surveys and noted and posted geology.

On surface, he made a stockpile estimate and laid out and supervised the construction of a new concrete timber treating tank.

When not engaged with his regular mine work, he did work in connection with the opening of the new Tilden and other miscellaneous work.

He was underground  $53\frac{1}{2}$  days and spent  $50\frac{1}{2}$  days in the field.

Below is a table showing the percentage of his time spent on the Ogden and Athens Mines and miscellaneous work:

	UNDERGROUND.	FIELD.	OFFICE.	TOTAL.
Ogden,	0	5	9	14
Athens,	18	5	25	48
Miscellaneous,	2	8	28	38
Total,	20	18	62	100

Archibald Minnear, Draftsman and Engineers Helper, assisted the engineers with their underground and surface surveys and office work. During the summer months, he was employed almost entirely in connection with the surveys in the Tilden District. During parts of August and September, he worked in the field in connection with the E and A 504 (Race Course houses).

On the 19th of October, on which date the work of moving the houses was suspended, he was made truck driver at a reduced salary.

He was laid up during the entire month of December with diphtheria and rheumatism following.

He was underground  $29\frac{1}{2}$  days and spent  $145\frac{1}{2}$  days in the field during the year.

Below is a table showing the percentage of his time spent on E and A 504, contour and other miscellaneous work:

	UNDERGROUND.	FIELD.	OFFICE.	TOTAL.
E & A 504,	0	22	0	22
Contours,	0	21	21	42
Miscellaneous,	12	14	10	36
Total,	12	57	31	100



Sextus Malmgren, Helper, assisted the engineers with their underground and surface surveys, cleaned and repaired tapes, made blue prints and spent about six weeks in the office making the annual report prints.

He was underground  $110\frac{1}{2}$  days and spent 37 days in the field during the year.

Below is a table showing the percentage of his time spent underground, in the field and in the office:

UNDERGROUND.	FIELD.	OFFICE.	TOTAL.
,39	13	48	100

Ernest Decaire, Jr., was employed as helper and truck driver most of the year.

Below is a table showing the percentage of his time spent underground, in the field and in the office:

UNDERGROUND.	FIELD.	OFFICE.	TOTAL.
15	47	38	100

Charles Bergeron, a laborer, was employed as a chopper for about three months in connection with the contours in the Tilden District.

E. The following table shows the percentage of time spent underground, in the field and in the office for mines in this district:

	UNDERGROUND.	FIELD.	OFFICE.	TOTAL.
Athens,	35	16	49	100
Haas,	27	28	45	100
Negaunee,	33	23	44	100
Cliffs Shaft,	50	4	46	100
Holmes,	32	12	56	100
Ogden,	0	48	52	100
Morris-Lloyd,	28	13	59	100
Republic,	38	10	52	100
Spies-Virgil,	28	17	71	100
Average,	30	17	53	100

F. The next table shows the distribution of time and the cost to the various mines and other work for the last three years:



## H. AUTOMOBILES.

The Dodge truck and touring car were operated the entire year.

## I. MINES.

### ATHENS MINE.

Regular weekly surveys were made and all geology noted and posted. The shaft compartments were gauged and on surface a new timber treating tank laid out, the construction of which was supervised and a stockpile estimate made.

### MAAS MINE.

Regular weekly surveys were made and geology noted and posted. The skip and cage compartments were gauged and on surface a timber tunnel was laid out and the construction of it supervised.

### NEGAUNEE MINE.

Weekly surveys were made and all geology noted and posted. The skip and cage compartments in No. 3 shaft were gauged. On surface, an estimate of the ore in stock was made and the Maas-Negaunee surface cave was cross-sectioned to show the rate of subsidence.

The 12th level of the Negaunee Mine, which is in the development stage, required frequent surveys.

### CLIFFS SHAFT MINE.

Regular surveys were made and all diamond drill holes located. The geologists were assisted with their underground work. On surface, stocking trestles were laid out and estimates of ore in stock made.

### HOLMES MINE.

Regular weekly surveys were made and the geology noted and posted. On surface, an estimate of ore in stock was made and some work done in connection with the proposed relocation of the surface railway tracks. So far sinking at this mine required that the new shaft sets be lined frequently. This work was usually done on Sundays in order not to interfere with the regular shaft work.

### OGDEN MINE.

Weekly surveys were made and all churn drill holes located and estimates of powder necessary for each blast was computed. Monthly estimates of stripping were made.

### MORRIS-LLOYD MINE.

Regular weekly surveys were made and all geology noted and posted. The skip and cage compartments in all three shafts were gauged. Underground lines were given for sinking the shaft from the 7th to the 8th level and the construction of a concrete storage pocket on the 8th level was supervised, together with concrete arches on the plat. On surface, lines were given for stocking trestles and an estimate of the ore in stock made.

REPUBLIC MINE.

Frequent surveys were made of the working places in this mine and the geology noted and posted. On surface, an estimate was made of the ore in stock.

SPIES-VIRGIL MINE.

Regular surveys were made, all drill holes located and the geology noted and posted. On surface, an estimate was made of ore in stock. The development work of this mine has taken a great deal of study in the office.

J. MISCELLANEOUS.GWINN DISTRICT.

Estimates were made of the ore in stock at the Austin, Princeton and Stephenson Mines and lines given for new pulley stands at the Gardner-Mackinaw.

E & A 504, RACE COURSE HOUSES.

Considerable survey and office work was done in connection with the moving of the houses to the new Cleveland-Cliffs Iron Company Addition to the City of Negaunee.

OPENING TILDEN MINE.

Some work was done in the field and in the office in connection with the above.

CLIFFS POWER & LIGHT COMPANY. (ESCANABA RIVER WATER POWER).

Some field ~~work~~ survey and office work were done in connection with the development of this water power.

CONTOURS AND GEOLOGY.

Considerable work was done in the office and in the field in connection with Sections 22, 25 and 26, Township 47 North of Range 27 West. This entire area is adjacent to the old Tilden Mine and is known as the Tilden District.

MISCELLANEOUS ABSTRACTS.

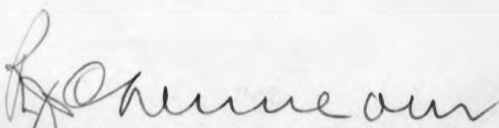
Some work was done on miscellaneous abstracts, principally the hydro electric.

ALGOMA STEEL CORPORATION.

An estimate was made on May 1st of the Cleveland-Cliffs Iron Company ore in stock at the above plant.

TAXES.

The delinquent tax lists were carefully checked over for any descriptions in which this Company might be interested.

  
Assistant Chief Mining Engineer.

PENSION DEPT.ANNUAL REPORTYEAR 1927

11.

a. Workmen's Compensation

The work of the Compensation Department has been taken care of by Walter E. Johnson, who has been Chief Clerk of the Pension Department since June 15, 1911.

The work has been taken care of in the most satisfactory manner and Mr. Johnson has shown excellent judgment and tact in handling the cases needing special attention.

Throughout the year the same method of handling these cases has been used as in previous years.

All injured men are seen as soon as possible following an injury and this has made the matter of settlement generally satisfactory.

The payments have been ready promptly and the signatures of the injured men to the agreements have therefore been readily obtained.

Following is a statement concerning a few of the most serious cases which have been taken care of during the year:

JOHN RANTALA - ATHENS MINE ACC. REP. #237

Injured on May 7, 1925

Rantala was at the bottom of the raise sending up timber and his partner was at the top of the raise landing the timber as it came up. His partner accidentally dropped an axe down the raise and when Rantala climbed up his wrist was cut on the axe which had become lodged in the raise. The tendons in the wrist were severed. He was off for more than a year and was then sent to Dr. Kanavel at Chicago who removed a nerve tumor. Following this operation Rantala's condition improved and on August 16, 1926 he returned to work doing odd jobs underground and finally was given work as a pumpman's helper. During this time he was paid compensation at the rate of \$3.17, which was 60% of the difference between his present wage and the wage he earned at the time of the injury.

Early in the morning of May 4, 1927, Rantala was found dead on the floor of the pumphouse by the pumpman. The pumpman had left him sitting on a bench while he did some work around the pumps and when he returned he found that Rantala had fallen to the floor. A physician was immediately called who pronounced death was due to heart failure.

Compensation payments terminated as of the day of his death.

RENALDO FERONI - SPIES-VIRGIL MINE ACC. REP. #101

Injured February 1, 1926

Feroni's injuries, consisting of serious injury to muscles and bone of right thigh, were incurred when he slipped and straddled a ladder which he was climbing. He was taken care of by Dr. E. M. Libby at Iron River and was later seen by Dr. Vandeventer on two occasions, he being kept at the Ishpeming Hospital for several days on each occasion for observation.

A tubercular condition of the bone has developed which has totally incapacitated Feroni from again performing the work of a miner. During the year a lump sum payment was made to him to enable him to purchase a small house and truck farm.

PENSION DEPT.ANNUAL REPORTYEAR 1927

11.

a. Workmen's Compensation (continued)WILFRED WILLS -BARNES-HECKER MINE ACC. #195

Nov. 3, 1926

This man was the sole survivor of the accident which occurred on November 3, 1926. Following the accident he became extremely nervous, the doctors describing his condition as similar to the shell shock cases of the war. A settlement was made with him for \$1372.00, he having decided to go on his father's farm near Flint, Michigan.

WILFRED LYONS - MAAS MINE ACC. REP. #404

June 30, 1926

On June 30, while working at the Maas Mine, he suffered an abdominal strain when he jumped from a two-foot stage to avoid being struck by some falling ground. He was home one and one-half weeks following the accident and then returned to his regular work as a miner and continued this work at the Maas and Athens mines until the latter part of August, 1927, when he claims he was forced to quit work because of disability caused by this accident of a year ago.

Lyons was taken care of by Dr. J. H. Andrus at the time of the accident and, he says, off and on until he was forced to quit work. In August of this year he was examined by Dr. Vandeventer and kept at the hospital for several days for observation. The doctor can find no connection between the accident and his present condition.

He has been thoroughly examined by Dr. MacIntyre who feels that the accident is not responsible for his condition. We have sent him to the University Hospital at Ann Arbor for examination and the report from them was negative. He has also been examined for tuberculosis by Dr. Lojaco of the Morgan Heights Sanitarium, with negative results.

Lyons claims that he has lost considerable weight, and that he is unable to eat or sleep. We have advised him that we do not think his present condition is the result of the accident, but he will undoubtedly file a claim with the Department of Labor and Industry.

FATALITIES:

The following is a list of the fatalities which occurred during the year 1927 and shows the total cost of each:

John Niemie

Age 21 years

Morris-Lloyd Mine- Acc. Report #728

Date of Accident - April 13, 1927

While helping to land a timber which had been sent down hanging under the cage, he lost his balance and fell to the bottom of the shaft. Dependent father and mother.

Compensation at \$6.91 per week for 300 wks..\$ 2073.00

Funeral Expense ..... 200.00

\$ 2273.00

PENSION DEPT.ANNUAL REPORTYEAR 1927

11.

a. Workmen's Compensation (continued)FATALITIES (continued)Lorenzo Delbello  
Age 60 yearsStephenson Mine- Acc. Rep. #790

Date of Accident - June 20, 1927

While lowering a railroad car to the shaft pocket a runaway car struck the car he was lowering, throwing him over the side of the car and catching him between the car and the steel work of the shaft house.

Dependents- Wife and 2 children.

Compensation at \$14.00 per wk. for 300 wks.... \$4200.00

Funeral Expense ..... 200.00

\$4400.00

Louis Tatrault  
Age 53 yearsOgden Mine- Acc. Rep. #4

Date of accident - June 29, 1927

Had gone under electric shovel to recover a wrench which had dropped through a hole in the floor. In climbing up under turn-table he came in contact with swing ring and received an electric shock.

Dependents- Wife and 4 children

Compensation at \$13.68 per week for 300 wks. \$ 4104.00

Funeral Expense ..... 200.00

\$ 4304.00

Nels Fish  
Age 45 yearsMaas Crusher- Acc. Rep. #4

Date of Accident- September 28, 1927

No witnesses. It is thought he was screwing down some of the grease cups while machinery was in motion and was caught by either the key of shaft or the safety device on hub of gear and thrown between pulley and wheel.

Dependents- Wife and 4 children

Compensation at \$18.00 per wk. for 300 wks. \$ 5400.00

Funeral expense ..... 200.00

\$ 5600.00

The following case died in 1927 due to injuries which occurred in 1926:

Basilio Paris  
Age 37 yearsStephenson Mine- Acc. Rep. #767

Date of accident- October 5, 1926

Death occurred on April 21, 1927 following hemorrhage of the brain.

Paris and 5 others were putting a cap on the legs. As they were lifting, Paris slipped and in falling retained his grip on the cap. The other men were unable to hold it and the falling cap struck Paris on the head fracturing his skull.

Dependents- Widow and 3 children.

Paid 27 weeks before death \$378.00

Compensation at \$14.00 per wk. for 273 wks. 3822.00

Funeral Expense 190.00

Benefit Fund 390.78

\$ 4780.78

PENSION DEPT.ANNUAL REPORTYEAR 1927

11.

a. Workmen's Compensation (continued)

The following table shows the percentage of compensation costs since the law went into effect, the percentage of non-fatal accidents on which compensation payments were made, and the percentage of the cases in which compensation payments were made of the total number of men employed:

	<u>Percentage of Payroll</u>	<u>Percentage of Compensable Accidents</u>	<u>Percentage of men paid compensation</u>
1912 (4 months)	.00648		
1913	.01104	42.88	8.06
1914	.0160	42.49	6.51
1915	.01095	36.26	6.63
1916	.01903	43.76	8.29
1917	.01268	41.71	7.64
1918	.01214	37.61	5.73
1919	.00901	48.71	8.15
1920	.0079	60.56	10.52
1921	.01444	64.53	9.79
1922	.01570	68.49	10.22
1923	.01590	61.67	10.23
1924	.01885	66.59	10.15
1925	.01613	69.61	10.19
1926	.07641	66.75	10.73
1927	.01356	68.24	9.59

Payments ended during the year in the Herman Maki case, Stephenson Mine Acc. Rep. #577. This accident occurred on March 6, 1922 and compensation payments ended on December 5, 1927.

The following is a list of the more serious cases occurring during 1927:

<u>Mine &amp; Rep. No.</u>	<u>Name</u>	<u>Nature of Injury</u>	<u>Compensation paid</u>
<b>Athens</b>			
# 293	Frank Hellgren	Loss of little finger of right hand	\$210.00
<b>Cl. Shaft</b>			
# 980	Chris Stone	Loss of half of little finger, left hand	105.00
# 986	Matt Tarkka	Fracture of metacarpals of left hand	280.00 *
#989	Henry R. Carter	Contusion of left eye	252.00 *
<b>Maas</b>			
#419	Gust Sundberg	Fracture of right leg	144.00 *
#421	Maino Oja	Comminuted fracture of left arm	36.00 *
<b>Morris- Lloyd</b>			
# 721	John Valimaa	Dislocation of right shoulder joint	445.67



PENSION DEPT.ANNUAL REPORTYEAR 1927

11.

a. Workmen's Compensation (continued)

<u>Mine &amp; Rep.No.</u>	<u>Name</u>	<u>Nature of Injury</u>	<u>Compensation Paid</u>
Morris- Lloyd #723	Charles Haltunen	Fractured both bones of right leg	\$322.00
#732	Louis Gardoni	Loss of distal phalanx of middle finger, left hand	210.00
Negaunee # 535	Sam Roberts, Jr.	Fracture of left leg	263.67
# 544	Ognibene Zenti	Swelling of entire ankle region. Fracture of extreme malleolus	180.00 *
Austin # 83	Solomon Ourala	Fracture lower tip of left fibula	546.00 *
# 84	John Hytinen	Infected 2nd finger of right hand. Finger ampu- tated.	630.00
Stephen- son # 791	Robert Trudgeon	Lacerated left thumb and index finger, with frac- ture of second phalanx	238.00 *
Spies- Virgil # 125	Andrew Isaacson	Tramatic amputation of distal third of thumb, in- dex and middle fingers of left hand.	162.00 *
Boeing # 179	Charles Matti	Cut on forehead Bruised left leg	333.20
# 189	Abraham Fumanti	25% loss of right index finger	336.67

\* indicates incomplete payments.

PENSION DEPT.  
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11.

a. Workmen's Compensation (continued)

The following lump sum payments were made during the year:

	<u>Amount paid</u>	<u>Interest Collected</u>
Renaldo Feroni - Spies-Virgil Mine Acc. Rep. #101. Covers period from 2/15/35 to 9/5/35- 29 weeks at \$14.00 per week	\$ 291.23	114.77
and		
covering period from 12/2/32 to 2/14/35- 115 weeks at \$14.00 per week	1217.50	392.50
Isaac Salmi Maas Mine, Acc. Rep. #371. Covers period from 9/23/29 to 11/10/34- 268 weeks at \$14.00 per week	3008.09	743.91
Toini Setala Cliffs-Shaft Mine, Acc. Rep. #930 Covers period from 8/31/28 to 2/18/32- 181 weeks at \$7.00 per week	1093.25	173.75
May Hill Barnes-Hecker Mine, Acc. Rep. 157 Covers period from 8/27/31 to 8/3/32 - 49 weeks at \$14.00 per week	565.22	120.78
Elizabeth M. Pope Barnes-Hecker Mine Ac. Rep. 171 Covers 2/11/32 to 8/3/32- 25 weeks at \$4.06 per week	101.50	.00
Amanda Ranta Barnes-Hecker Mine, Acc. Rep. 177 Covers period from 9/10/31 to 8/3/32- 47 weeks at \$14.00 per week	541.29	116.71
		1662.42

As arranged for and begun in 1913, all compensation due in fatal cases and compensation to be paid in cases of injury for which a definite total amount is to be paid in accordance with the provisions of the compensation law is credited to an account called "Personal Injury Accounts Payable" and a corresponding charge is made against the mine at which the accident occurred and in the month of occurrence whenever possible, but if not, the charge is made in the following month. The compensation payments to men in these cases or to the dependents are made in the regular way weekly and charged to this account.

On the following page will be found a statement showing the balance due in different accident cases occurring during the years 1919 to 1927 inclusive.

PENSION DEPT.ANNUAL REPORTYEAR 1927

11.

a. Workmen's Compensation (continued)BALANCE DUE PERSONAL INJURY ACCOUNTS PAYABLE, DECEMBER 31, 1927MINING DEPARTMENT

<u>Year of Account</u>	<u>Names of dependents to whom Compensation Payments are payable</u>		
1919	Matt Eddy		LAKE \$ 538.20
1923	Juliana Bettineschi & M. G. DeGabriele, Guardian	\$ 630.00	STEPH
	Annie Koski-Hakala	770.00	FRANCIS
	Sanna Ranta	134.88	STEPH
	Hilda S. Ritari-Niemi	700.00	HOLMES
			2234.88
1924	Mary Harrington	706.56	CLIFFS SHAFT
	Hanna Salmi	1820.00	MORRIS LLOYD
			2526.56
1925	Exilda Mountjoy	2520.00	MORRIS LLOYD
	Isaac Salmi	1288.00	MAAS
			3808.00
1926	Ida Eckstrom	3094.00	REPUBLIC
	Rinaldo Feroni	3612.00	SPIES
	Mary Gustafson	2912.00	CLIFFS SHAFT
	Katie M. Mitchell	3472.00	SPIES
	Teresa Paris	3332.00	STEPH
	Toini Setala	1778.00	CLIFFS SHAFT
			18200.00
1927	Carolina Delbello and Jacob Delbello, Guardian	3836.01	STEPH
	Beatrice Fish	5202.00	MAAS CRUSHER
	John Hytinen	336.00	AUSTIN
	Andrew Niemi	1824.24	MORRIS LLOYD
	Josephine Tatrault	3775.68	OGDEN
			14973.93
	THE CLEVELAND-CLIFFS IRON COMPANY		\$ 42281.57
1924	Mandelina Pavich	3147.74	
	THE MESABA-CLIFFS IRON MINING CO. BOEING MINE		3147.74
1924	Harry A. Taylor	473.20	
	THE MESABA-CLIFFS IRON MINING CO.		473.20
1922	Mary Vaughan		518.00
1923	Evelyn Carlson		1162.00
1924	Rose Remillard-Chaput	1582.00	
	Edith Prout	322.00	
			1904.00
	THE ATHENS IRON MINING CO.		3584.00
	TOTAL-ALL COMPANIES		49486.51

PENSION DEPT.ANNUAL REPORTYEAR 1927

11.

a. Workmen's Compensation (continued)

During the year a number of hearings were held in contested cases:

FRANK VOEGTLIN- REPUBLIC MINE ACC. REP. #740  
Injured on May 15, 1925

Injury to right shoulder.

Taken care of by Dr. Loveland, brought to Ishpeming Hospital, sent to Industrial Surgical Service at Detroit.

Hearing held on June 22. All of our witnesses were present, but not Voegtline nor his attorney.

Hearing held on August 12th with all of our witnesses present, but neither Voegtline nor his attorney. This attorney, J. C. Quinnell of Marquette asked for another hearing and appeared before the Full Board at Marquette on October 25, <sup>at</sup> which <sup>the</sup> privilege of taking depositions was granted.

Depositions were taken in Mr. Clancey's office on December 7th.

Decision of Commission had not been received at the end of the year.

J. E. MCNAMEE - STEPHENSON ACC. REP. #436  
Injured on January 15, 1918  
at Gwinn District Central Power Plant

Injury to ankle.

Several hearings were held and McNamee given work for two years, - then discharged.

Another hearing was held on Sept. 28, 1926 and the petition to re-open the case was denied by J. V. French, Deputy Commissioner.

This was appealed from and a Full Board hearing was held on June 2, 1927, and the decision of Deputy Commissioner reversed. Mr. Clancey saw no chance in appeal to Supreme Court and we have been paying McNamee \$10.00 per week.

In December he petitioned for a lump sum payment which was taken to Lansing by Mr. Clancey early in January, 1928. If this is granted it will reduce the amount to be paid him from \$2230.00 to \$1208.21.

## WILLIAM PALMER

Employed at Cliffs-Shaft and died on October 16, 1926 from a strangulated hernia.

After his death the family claimed that his death was the result of an accident and requested that Compensation be paid.

A hearing was held at Marquette on May 17th, 1927 before John V. French, Deputy Commissioner, and the claim was denied. Mr. M. J. Kennedy, attorney for the Palmer family appealed from this decision.

A hearing before the Full Board was held on October 25th and permission to take further testimony was granted, and this testimony was taken in Mr. Kennedy's office on Oct. 28th, and depositions sent to Lansing.

The Full Board found no evidence of an accident, sustaining the Deputy Commissioner. Mr. Kennedy did not appeal to the Supreme Court and the case is closed.

PENSION DEPT.ANNUAL REPORTYEAR 1927

11.

Workmen's Compensation (continued)

JOHN DELLANGELO - STEPHENSON MINE ACC. REP. #724

Injured June 22, 1925

Fracture of left shoulder blade.

Sent to Dr. Yates at Milwaukee and to Dr. Glassman at the Industrial Surgical Service at Detroit.

He would not go to work and we petitioned for an order stopping compensation payments.

Hearing was held at Marquette on October 20, 1927.

Dellangelo did not appear and Deputy Commissioner Silas J. McGregor closed the case and no appeal has been taken.

EMIL VILLIMAKI - STEPHENSON MINE ACC. REP. #761

Injured August 18, 1926

Injury to lower part of back.

Would not return to work and we asked for an order to stop compensation payments after having him examined at the Ishpeming Hospital and at the Industrial Surgical Service at Detroit.

Hearing was held in Marquette on Oct. 20th and Deputy Commissioner Silas J. McGregor awarded \$6.66 per week during disability.

We considered this a mistake of the Deputy Commissioner under the old law, but which would have been correct under the amended Law which went into effect on Sept. 4, 1927.

E. F. Legendre, attorney for Villimaki appealed to the Full Board and a hearing has been set for January 12, 1928 at Lansing.

LORENZO DELBELLO - FATAL ACCIDENT - STEPHENSON MINE ACC. REP. #790

Occurred June 20, 1927

A few weeks before the accident, the family had had a row and the wife who was a step-mother of the four children living at home, left the house and came to live at Ishpeming.

We had the older son appointed guardian of the two children under 16 years of age.

A hearing was held at Marquette on October 20, 1927 which was to decide to whom the compensation should be paid. Deputy Commissioner Silas J. McGregor decided that one third should be paid to the widow and two-thirds to the two children, through their guardian.

All parties, on our request, notified us that they would accept the decision and compensation is being paid according to the order of the Deputy Commissioner.

DOMINIC SANTI - BOEING MINE ACCIDENT REPORT #166

Occured October 23, 1926

Abrasions both sides of face, laceration of right ear; fracture of bone of right arm.

Mr. MacPherran of Duluth has handled this case for us. Santi claimed injury to his eyes and the case came to a hearing on Oct. 26, 1927 at which it was decided by the Referee that the trouble with the eye was not due to the injury. This decision has been appealed from and a commission hearing will be held some time in the future.

PENSION DEPT.ANNUAL REPORTYEAR 1927

11.

a. Workmen's Compensation (continued)

Two conferences have been held before the Full Board:

NELS FISH - MAAS MINE CRUSHER ACC. REP. # 4 FATAL ACCIDENT  
Occurred Sept. 28, 1927

There are living at home the wife, both Mr. & Mrs. Fish having been married before, two boys- sons of Fish by his first wife, and a girl, a daughter of Mrs. Fish by her first husband, and a boy of 8 years who, following the death of his mother some years ago, was taken by his aunt. The conference was to determine as to whom and how the compensation was to be paid.

The Board decided that 2/5 was to be paid to Mrs. Fish and her daughter, and 3/5 for the benefit of the three children; Mrs. Fish to be appointed guardian of the three boys.

The appointment has been made and compensation is being paid in accordance with the order issued.

AMANDA RANTA - WIDOW OF ONE OF THE BARNES-HECKER MEN

She applied for a lump sum payment to take care of an indebtedness which had to be paid, and the matter was talked over with the Full Board on October 28, 1927 and the petition was granted and the payment ordered made.

PENSION DEPT.ANNUAL REPORTYEAR 192711. a. Workmen's Compensation (continued)

The annual statement of Workmen's Compensation which is attached, shows the payments made during the year on account of accidents which occurred in 1927 and also those which occurred in the years 1913 to 1926.

In those cases for which a definite amount is still to be paid at the end of 1927, these amounts are set up in the column of the annual statement as "Compensation Still Pending."

In the case of some accidents, especially those which occurred late in the year, it is impossible to know definitely just how long the disability may continue and in these cases an estimate is made based on reports of the physicians and the corresponding amounts are included in "Compensation Still Pending." The number of such cases is small in comparison to the total so that the amount involved in these estimates does not affect the percentage of cost to a great extent.

The total amount of compensation to be paid after December 31, 1927 is \$205,849.77, this being the total for all mines of the Company.

Of the above amount there is pending for the years 1919 to 1926 \$187,498.99, and for the year 1927, \$18,350.78.

The compensation payments for accidents which occurred in 1927 including medical payments for the year amount to a percentage of .01356 of the year's payroll.

The rate of payments for medical and hospital service on account of Workmen's Compensation which was adopted in 1918 was 40¢ per man per month. This rate continued until July 1927 and a new rate was adopted beginning August 1, 1927 of 50¢ per man per month. In addition to this amount, there are occasionally cases in which a man has to be sent to a specialist and this medical service is also included in the statement.

The payments on account of Workmen's Compensation, including the payments to the physicians, are given in the following table for the years 1912 to 1927 inclusive.

<u>Year</u>	<u>Cleveland Cliffs Iron Company</u>	<u>Negaunee Mine</u>	<u>Athens Mining Company</u>	<u>Total</u>
1912	\$ 1075.91	105.08	.30	\$ 1181.29
1913	13149.70	1152.87	27.15	14329.72
1914	27416.82	2840.13	446.03	30702.98
1915	15657.71	1699.28	656.07	18013.06
1916	32404.74	3496.75	672.29	36573.78
1917	45129.92	5301.30	911.46	51342.68
1918	43734.77	6198.93	1197.57	51131.27
1919	59680.51	11724.68	2234.77	73639.96
1920	62593.22	8888.01	2928.15	74409.38
1921	61832.34	4709.80	5208.92	71751.06
1922	58847.02	5283.24	2048.23	66178.49
1923	62730.85	4142.00	5007.88	71880.73
1924	65744.48	5487.07	6394.01	77625.56
1925	56693.02	4464.79	8305.60	69463.41
1926	61175.65	5433.85	7087.93	73697.43
1927	<u>94243.94</u>	<u>5311.69</u>	<u>5489.81</u>	<u>105045.44</u>
TOTALS	762110.60	76239.47	48616.17	886966.24

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STATEMENT OF COMPENSATION AND BENEFIT PAYMENTS FROM  
JANUARY 1ST, 1927 TO DECEMBER 31ST, 1927.

11	A-	Personal Injury Accounts Payable	No. of Employees	No. of Fatal Accidents	No. of Non-Fatal Accidents	Act'l Comp. Paid in 1927	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	Com-pensation Still Pending	Actual Payments To Physi-cians	Injury Cases Pending	Benefit Payments
		Austin	39		7 1 3	17444.66		430.56			700.00	2476.24	1110.72	4254.09	6794.98	1678.07	42281.57	194.72	1	9.18
		Barnes-Hecker	7		1 1 2	1567.99					728.00					839.99	70.00	7.25	3104.77	
		Barnes-Hecker Disaster Expense	5			18.67										18.67		25.15		
		Barnes-Hecker P. I. A. P.				35799.10							891.25		35799.10	149780.41	1986.96	5	10.84	
		Cliffs-Shaft	277		22 9 60	2765.22									952.00	1441.97	919.40	25.00		
		Cliffs-Shaft Laboratory	5			654.96					645.84					9.12		31.85		
		Francis			1													.80		
		Gardner-Mackinaw	4		2													169.50		
		General Expense 9-C			1 2 4	100.33										100.33		12.40		
		General Storehouse	29															27.30		
		Gwinn	6															10.10		
		Gwinn District Crusher	7															9.80		
		Gwinn District Laboratory	2									372.95				68.95	590.65	234.60	3	24.18
		Gwinn District Office Expense	2															851.55		
		Holmes	157		12 5 25	1032.55												12.80		
		Isbipmng Hospital	4		1													327.00		
		Isbipmng Office Expense	113		1													1.60		
		Lake	1															1266.97	3	
		Maas	197		9 3 9	3366.69				2.16		447.39	910.00	1274.21	764.93	374.73		41.40		
		Maas Crusher	10		1	284.00												1665.07	2	
		Morris-Lloyd	228		12 12 18	2884.95						372.54	728.00		121.34			1396.40		
		Morris-Lloyd Laboratory	3															16.65		
		Moving Maas Houses	31		1	15.68												95.55		
		Ogden	10		1	200.00							728.00	711.36		200.00		83.90		
		Princeton	7			1439.36												23.40	41.68	
		Pension Department	5		1	175.56												25.00		
		Purchasing Department	11										728.00	65.34	769.99	85.98		57.80		
		Republic	110		7 5 10	1647.31												962.70		
		South Tilden Exploration	6		1 1													17.80		
		Spies-Virgil	110		10 2	826.25										559.33	266.93	195.99	4	
		Stephenson	137		9 8	6060.58	773.34		574.77	1249.50					609.00	1697.32	1156.65	112.00	1	616.61
		The Cliffs Power & Light Co.	51		2 1	777.10												49.10		
		Wegaunee	250		21 2 28	3596.54					37.56	714.00		821.10	735.39	1288.29	753.73	1715.35	8	
		P. I. A. P. (Athens Mine)				3178.00					728.00	728.00	1456.00		56.00	210.00	3584.00			
		Athens	168		11 4 16	1420.01									93.00	906.04	420.97	891.80		
		Total - Michigan Mines	1962	4	128 56 180	85295.32	773.34	430.56	574.77	1249.50	1467.72	6037.57	5589.36	7463.69	50462.65	11245.96	201908.43	12497.74	27	3807.26
		The Holman Cliffs Mining Co.	2															2.00		
		Clark Exploration	1															3.80		
		Menasha District Office Expense	8															42.40		
		Wade-Holmer	9															56.20		
		P. I. A. P. (Boeing Mine)				835.12						835.12						3147.74		
		Boeing	122		9 10 30	3730.79								233.33	2470.19	1027.27	320.40	720.10	2	
		P. I. A. P. (Hill-Trumbull Mine)				946.40						946.40						473.20		
		Hill-Trumbull	96		3 1 13	398.27									131.50	266.67		517.30		
		Total - Minnesota Mines	238		12 11 43	5910.58						1781.52	233.33	2601.79	1295.94	3941.54		1841.80	2	
		Total - All Mines	2200	4	140 67 223	91205.90	773.34	430.56	574.77	1249.50	1467.72	6037.57	7370.68	7697.22	53064.44	12539.90	205849.77	13839.54	29	3807.26



PENSION DEPT.ANNUAL REPORTYEAR 1927

11.

a. Workmen's Compensation (continued)STATEMENT OF COMPENSATION AND BENEFIT PAYMENTS FROM  
JANUARY 1st, 1927 TO DECEMBER 31st, 1927.

Compensation paid on 1927 accidents	\$12539.90	
Compensation still pending	205849.77	
Cost of medical and hospital service	<u>13839.54</u>	
		\$232229.21
Less pending for years 1919 to 1926 incl.		<u>187498.99</u>
Cost of 1927 accidents		\$ 44730.22
Percentage of Pay-roll		.01356
a - Number of accidents on which compensation payments were made		140
b - Number of non-compensable accidents		67
c - Number of slight accidents which caused not over 1 day's lost time		223

*Plas a/c.*

PENSION DEPT.ANNUAL REPORTYEAR 1927

11.

a. Workmen's Compensation (continued)MICHIGAN COMPENSATION LAW

The legislature in its sessions of 1927 considered various amendments to the Compensation Law and a public hearing before the Labor Committee was held at the State House at Lansing on March 16 which was attended by Mr. Clancey and the Secretary. Following the hearing some compromise was agreed upon by the representatives of the Michigan Manufacturers' Association and other employers of labor and the Michigan Federation of Labor. This compromise measure was introduced and was passed, the law as amended becoming effective Sept. 4, 1927.

There were some very important changes.

The rate of compensation was raised from 60 per cent of the wages to 66-2/3 per cent. The maximum compensation was changed from the existing rate of \$14.00 per week to \$18.00 per week. This change raises the maximum death benefit which continues for 300 weeks from \$4200.00 to \$5400.00 and the compensation payable for 500 weeks for total disability from \$7,000.00 to \$9,000.00. All payments to be made weekly during the above periods as has always been provided by the compensation laws.

A minor between the ages of 17 and 18 years of age employed illegally shall be paid compensation double the amount otherwise provided for.

Upon the remarriage of a dependent wife, the compensation to such wife shall cease, but shall continue if there are dependent children, but not to anyone <sup>of the children</sup> over the age of 21 years unless physically or mentally incapacitated from working.

There is one very beneficial change in the law which does not penalize the employer if an employe cannot go back to the same occupation as that in which he was engaged at the time of injury, but permits him to be employed at some other occupation. The wording of the paragraph is as follows:

"Provided, The compensation payable when added to his wage earning capacity after the injury in the same or another employment, shall not exceed his average weekly earnings at the time of such injury." This should reduce the number of contested cases and make settlements in such cases much easier and less expensive.

Alien dependents residing outside of the United States and Canada shall be entitled to only 66-2/3 per cent of the Compensation otherwise provided.

A general change has been made in the officials of the Department of Labor and Industry by appointment of Governor Green:

Eugene J. Brock, Chairman  
 Samuel H. Rhoads  
 Isabel Larwill  
 Theo. T. Jacobs  
 Herbert F. Baker, Secretary

The only member allowed to remain on the Board from the former administration is Samuel H. Rhoads.

Mr. Rhoads, who is an attorney, is a very capable man and acts as chairman of the Board of Hearings in the field with Miss Larwill and Mr. Jacobs as the other two members of the Board.

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11.

a. Workmen's Compensation (continued)

MINNESOTA COMPENSATION LAW

There were no changes made in the Minnesota Law during the year. The Industrial Commission has remained the same as it has been for some years:

J. D. Williams, Chairman  
 F. A. Duxbury  
 Henry McColl

\*\*\*\*\*

The following table shows the principal items of the changes made at different periods as affecting our properties:

<u>MICHIGAN LAW</u>	When Law went	As Amended	In effect	In effect
	into effect	in effect		
	Sept. 1, 1912	Aug. 14, 1919	Aug. 18, 1921	Sept. 4, 1927
Percentage of weekly wages	50	60	60	66-2/3
Maximum weekly compensation	\$ 10.00	\$ 14.00	\$ 14.00	\$ 18.00
Minimum weekly compensation	4.00	7.00	7.00	7.00
Waiting Period	2 weeks	1 week	1 week	1 week
Waiting period picked up at end of	8 weeks	6 weeks	6 weeks	6 weeks
Maximum death payment	3000.00	4200.00	4200.00	5400.00
Maximum compensation for total disability	\$ 4000.00	\$ 6000.00	\$ 7000.00	\$ 9000.00

There has been no considerable change in the Compensation Law of Minnesota since 1923.

Compensation matters since June 1, 1921, have been handled by the Industrial Commission in a manner similar to the Michigan practice and it has been very satisfactory.

The Commission has more powers of settlement, than under the Michigan Law and it enables us more easily to settle contested cases as it is held that if a man can return to work at some occupation he can be settled with and not necessarily be considered a total disability case as has been true up to Sept. 4, 1927 under the Michigan Law if he cannot return to the identical occupation in which he was engaged at the time of the injury.

The following table shows the principal items of the law in which changes have been made at the different periods stated below:

<u>MINNESOTA LAW</u>	When Law went	As amended	As amended	In effect
	into effect	April 26th	June 6	since
	Oct. 1st. 1913	1919	1921	Oct. 1, 1923
Percentage of weekly wages	50	66-2/3	66-2/3	66-2/3
Maximum weekly compensation	\$10.00	\$ 15.00	\$ 18.00	\$ 20.00
Minimum weekly compensation	6.00	6.50	8.00	8.00
Waiting period	2 weeks	1 week	1 week	1 week
Waiting period picked up at end of	-----	-----	4 weeks	4 weeks
Maximum death payment	\$ 3000.00	4500.00	7500.00	7500.00
Maximum compensation for total disability	4000.00	5000.00	10000.00	\$ 10000.00

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b. Benefit Funds

The general Benefit Fund was wiped out during the year 1927. At the time of the Barnes-Hecker accident Benefit payments were being made to six injury cases that had occurred prior to November 3, 1926, and upon investigation it was found that seventeen of the Barnes-Hecker victims had contributed to the Fund and their dependents were therefore entitled to the death benefit payment from the Fund.

The balance remaining in the Benefit Fund on October 31st was insufficient to pay the six injury cases in full and to cover the regular payment of \$500.00 provided for in cases of accidental death. It was decided that cases which occurred prior to November 3, 1926 should be paid in full and that the balance remaining in the Fund should be divided equally among the Barnes-Hecker cases. Of the latter cases, an advance payment of \$250.00 was made to the fourteen widows residing in this country it being explained to them that they would receive additional money from the Fund but that there were insufficient funds to enable us to pay the regular amount. No advance payment was made to the three widows residing in Finland.

On January 1, 1927, there was a balance of \$3,716.48 in the Fund, \$611.71 of this amount being required to pay the disability cases and the remainder, \$3,104.77 was divided among the Barnes-Hecker cases, bringing the total payment to \$391.56 in each case.

During 1927 interest of \$90.78 was credited on unexpended balances. This was paid to Mrs. Teresa Paris, widow of Basilio Paris who died on April 21, 1927 as a result of injuries suffered by him at the Stephenson Mine on October 5, 1926. It was estimated that his disability would continue beyond the period of one year for which disability benefits were payable, and the regular payment of \$300.00 had been set up. The above payment to Mrs. Paris brought the total payments in this case to \$390.78, which was just 78¢ less than the amount paid in the Barnes-Hecker cases.

The following statement covers in detail the disposition of the funds on hand on January 1, 1927:

BENEFIT FUNDS

Balance in Fund	December 31st, 1925	\$11,171.62
Interest credited during 1926		<u>465.48</u>
		\$11,637.10

Payments during 1926

January	\$ 250.82
February	355.02
March	434.52
April	797.33
May	690.00
June	316.84
July	192.51
August	733.33
September	179.33
October	180.01
November	3494.25
December	<u>296.66</u>

Total payments to December 31, 1926 ..... 7,920.62

Balance 3,716.48

Balance paid Injury Cases - Detail following	\$611.71
Balance paid Barnes-Hecker Cases " "	<u>3104.77</u>

Balance 3,716.48  
0.00

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b. Benefit Funds (continued)BALANCE DUE THE FOLLOWING INJURY CASES

<u>MINE</u>	<u>ACC. REP.</u> <u>NO.</u>	<u>DATE</u>	<u>NAME</u>	<u>AMOUNT</u>
Stephenson	761	8/18/26	Emil Villimaki Paid 56.67 to 10/31/26 Estimated more than 1 year Bal. due	\$ 243.33
Stephenson	767	10/5/26	Basilio Paris Paid 17.50 to 10/31/26 Will be off more than 1 yr. Bal. due	282.50
Princeton	175	12/16/25	John P. Mattson Paid 258.33 to 10/31/26 Bal. due	41.68
Austin	80	10/30/26	August Roman Bal. due	9.18
Cliffs-Shaft	957	10/27/26	Victor Oja Bal. due	10.84
Holmes	376	10/15/26	Adolph Almquist Paid 9.17 to 10/31/26 Bal. due	24.18
TOTAL				\$ 611.71

BARNES-CHECKER CASES

<u>NAME</u>	<u>Amount Paid-1926</u>	<u>Amount Paid-1927</u>	<u>Total Payment</u>
Peter Carlyon	\$ 250.00	\$ 141.56	\$ 391.56
William Carlyon	250.00	141.56	391.56
Edwin J. Chapman	301.75	89.81	391.56
Henry Haapala		391.56	391.56
Frank Jokinen		391.56	391.56
Thomas Kirby Sr.	250.00	141.56	391.56
Ed. Laituri	250.00	141.56	391.56
Solomon Myllymaki	250.00	141.56	391.56
Peter Mongiat	250.00	141.56	391.56
W. H. Quayle	250.00	141.56	391.56
James Scopel	250.00	141.56	391.56
Eric Timo		391.56	391.56
Walter Tippett	250.00	141.56	391.56
W. F. Tippett	250.00	141.56	391.56
Louis Trudell	250.00	141.56	391.56
Solomon Walimaa	250.00	141.56	391.56
John Wiljanen	250.00	141.56	391.56
TOTAL (17 cases)	\$ 3551.75	3104.77	6656.52

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b. Benefit Funds (continued)

A condensed statement of Benefit Funds and a statement showing disbursements from the Fund each year since September 1, 1912 follows:

CONDENSED STATEMENT OF BENEFIT FUNDS - ALL COMPANIESCredits to Fund

January 1st, 1912 Balance		\$65194.87 ✓
1912 Contributed by men		6182.50 ✓
1913 No Credits		
1914 Interest C.C.I.Co.	\$3511.43	
" C.I.M.Co.	1096.89	
" I.C. Co.	832.01	
" Negaumee	301.83	
" Athens	1.11	
		5743.27 ✓
1915 Interest C.C.I.Co.	2083.85	
" Negaumee	55.25	
		2139.10 ✓
1916 Interest C.C.I.Co.	1949.27	
" Negaumee	32.85	
		1982.12 ✓
1917 Interest C.C.I.Co.	1704.18	
" Negaumee	6.37	
		1710.55 ✓
1918 Interest C.C.I.Co.	1553.08	
1919 Interest C.C.I.Co.	1376.11	
1920 Interest C.C.I.Co.	1238.74	
1921 Interest C.C.I.Co.	1103.40	
1922 Interest C.C.I.Co.	967.70	
1923 Interest C.C.I.Co.	871.39	
1924 Interest C.C.I.Co.	734.17	
1925 Interest C.C.I.Co.	632.91	
1926 Interest C.C.I.Co.	465.48	
1927 Interest C.C.I.Co.	90.78	
Total Credits		\$ 91986.17

DISBURSEMENTS - ALL COMPANIES

January to August	1912	2562.66 ✓
September to December	1912	4713.97 ✓
year	1913	6987.32 ✓
"	1914	11081.75 ✓
"	1915	6445.56 ✓
"	1916	8855.94 ✓
"	1917	5081.14 ✓
"	1918	5854.69 ✓
"	1919	6224.73 ✓
"	1920	3879.85 ✓
"	1921	4515.69 ✓
"	1922	3100.84 ✓
"	1923	3658.67 ✓
"	1924	4252.48 ✓
"	1925	3043.00 ✓
"	1926	7920.62 ✓
"	1927	3807.26 ✓
Total Debits		<u>91986.17</u>

Balance in Fund, December 31, 1927

0.00

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BENEFIT FUND DISBURSEMENTS FROM SEPTEMBER 1ST, 1912  
TO DECEMBER 31ST, 1927. ALL COMPANIES

	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	Total
11 B- Ashland	a-2952 71																2952 71
Carp River Water Power						79 16											79 16
Austin	14 05	345 90	145 83	1 67		20 83	134 83	11 67			46 67	219 84	314 17		10 83	9 18	1275 47
Cliffs-Shaft	575 52	739 30	1074 55	1210 33	1128 14	640 99	1315 19	1216 86	563 34	570 00	199 67	63 83	1297 16	993 68	1700 53	10 84	13172 27
Morris-Lloyd	98 59	920 41	996 18	1142 51	752 00	197 81	55 83	98 84	231 50	335 50	460 65	226 84	666 66	221 82	196 69		6601 83
Hard Ore	77 50	267 67	205 83														551 00
Lake	565 00	1401 83	940 35	1712 01	1035 17	908 16	1371 02	557 63	547 67	179 15				9 33			9427 32
Jackson	9 52	194 67	24 67			69 17	29 33										327 36
Salisbury	65 84	292 50	1308 82	1 67	165 48	170 17	145 33	1195 33	113 66	95 84			86 00				3640 64
Maas	4 17	685 03	1272 16	90 01	908 00	373 00	390 65	354 18	800 98	813 34	50 67	16 67	197 16	497 50	274 16		6727 68
Stephenson	185 57	1010 66	739 66	1499 16	1653 51	849 18	102 50	147 66	160 83	1175 00	1323 50	856 66	983 19	248 35	1144 17	616 61	12696 21
Princeton		99 83	23 33	67 51	6 67	7 33	1022 34	562 32	422 52	404 67	7 50	16 67	100 00	250 00	267 50	41 68	3299 87
Gwinn			397 18	154 68	356 50	277 47	165 33	667 91	35 83	259 17	82 50			48 33	3 33		2448 23
Chase			31 00	15 00													46 00
General	52 67	52 54															105 21
Gardner-Mackinaw		18 50	339 18				13 67	50 01	60 83								482 19
Francis				26 00	114 50	252 33	48 67	611 83	67 85	192 99	208 83	364 67	50 00		3 33		1941 00
Dead River Water Power						88 34											88 34
Holmes					1696 14	647 50	930 00	148 32	481 67	262 52	673 35	1817 81	327 81	383 50	338 50	24 18	7731 30
Angeline					10 00		10 00	16 67	278 50	193 34							508 51
Spies					40 49		6 84						2 50	83	68 33		118 99
Golf Club Exploration						4 67											4 67
Central Office					61 01	111 67	26 66										199 34
Barnes-Hecker							23 33	579 17	49 17	4 17	47 50	119 17	143 67	330 66	3816 41	3104 77	8218 02
General Storehouse								18 00	65 50	30 00		84 17	84 16	8 33	56 67		346 83
Negaunee	112 83	958 48	1846 66	525 01	740 00	423 19											4606 17
Athens			b- 23 61														23 61
Crosby			c-1712 74														1712 74
Ogden														50 67	6 00		56 67
Gwinn Dist. Crusher															34 17		34 17
	4713 97	6987 32	11081 75	6445 56	8855 94	5081 14	5854 69	6224 73	3879 85	4515 69	3100 84	3658 67	4252 48	3043 00	7920 62	3807 26	89423 51

On January 1st, 1914 the Benefit Fund to the credit of the different mines of the Cleveland-Cliffs Iron Company were transferred to one General Fund in one account. On May 1st, the Funds to the credit of the mines of the Iron Cliffs Company and the Cleveland Iron Mining Company were also transferred to the above account. The Jackson Iron Mining Company's Benefit Fund was transferred to above account January 31st, 1914.

a- Paid on account of injury cases  
Turned over to Hayes Brothers  
Total as above

\$ 30.93  
2921.78  
\$2952.71

b- \$500.00 paid to widow of Oscar Larson, killed at the Athens Mine on August 14th, 1914.  
Payment made on the following basis:

From Benefit Fund \$ 23.61  
Charged to Opening and Equipping  
Athens Mine 476.39  
Total \$500.00

Above payment of \$23.61 exhausted the Athens Benefit Fund August 31st, 1914.

c- Used in paying compensation in the case of Christ Matunovich.

d- Above payment of \$423.19 wiped out the Negaunee Mine Benefit Fund. In order to pay men on the Benefit Fund Pay-Roll when the Fund was exhausted in July, 1917 additional payments of \$95.15 were made which were charged to Gratuities. In August, 1921, Operating Negaunee Mine Account #30-B Credited, account of check made payable to John Nylander for \$15.33 being returned to Company. His present whereabouts being unknown.

The credit shown for Cliffs-Shaft Mine in 1923 is due to the following:

Payments made during year 1923 \$436.17  
Credited back to General Benefit Fund in the Oscar Kivinen case because no claim has been made by his relatives 500.00  
63.85

\$500.00 Benefit Fund Payment in the case of Gust Foress, Cliffs Power & Light Co. Accident Report No. 2, charged to the Stephenson Mine.

1912 column covers payments made from September 1st to December 31st.

(-) General Benefit Fund exhausted in 1927, final payment being made in December.

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11.

c. Workmen's CompensationBARNES-HECKER

At the end of 1926 all but three agreements with the families of the Barnes-Hecker men had been signed. These three resided in Finland and early in the year the signed papers were received from them. Compensation has been paid every two weeks to all dependents residing in this country and once a month to those residing in Finland.

Two lump sum partial payments have been made during the year by direction of the Department of Labor and Industry;- one to retain furniture purchased on the installment plan shortly before the accident,- and the other to pay off indebtedness at the bank and special obligation existing before the accident.

Five of the mothers gave birth to babies within a few months following the death of the fathers.

During the year we have helped a large number of the families in the matter of advice and counsel in their affairs.

Following the announcement by Mr. Mather on January 11th, 1927 authorizing a donation to each family of an amount equivalent to the compensation to be paid, every family in this country was seen and the matter explained to them. It was most highly appreciated by every one of them and very generally the families have made good use of the money which they are receiving.

After it was determined what funds were available from the Benefit Funds, the amount was divided equally among those families whose husbands had contributed to those funds,- the amount to each family being \$391.56 which used up all funds remaining.

On the following sheets is shown the amounts of compensation and donations apportioned to each family,- the amounts paid to the end of December 1927, and the amounts remaining to be paid.

Special relief was given a number of the families until the donations authorized by Mr. Mather became available, following which no further relief was granted.

A sheet follows showing the amount and the families helped.



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11.

c. Workmen's Compensation

<u>BALANCE DUE BARNES-HECKER P. I. A. P.</u>		<u>Dec. 31, 1927</u>			
	<u>Compensation Payable</u>	<u>Paid to 12/31/27</u>	<u>Balance Due</u>	<u>Benefit Funds</u>	
Herman Aho	4200 00	826 00	3374 00		
Peter Carlyon	4200 00	826 00	3374 00	391	56
Raymond Carlyon	1218 00	239 54	978 46		
William Carlyon	4200 00	812 00	3388 00	391	56
Edwin Chapman	4200 00	826 00	3374 00	391	56
Herman Chapman	2172 00	427 16	1744 84		
Thomas Drew	2100 00	413 00	1687 00		
Peter Durocha	4200 00	826 00	3374 00		
Earl J. Ellersick	4200 00	826 00	3374 00		
Gust Frendi	4200 00	812 00	3388 00		
Joseph Gelmi	4200 00	826 00	3374 00		
James Greene	4200 00	826 00	3374 00		
Henry Haapala	4200 00	812 00	3388 00	391	56
Jack J. Hanna	4200 00	826 00	3374 00		
Arvid Heino	4200 00	826 00	3374 00		
Nels Hill	4200 00	A 1512 00	2688 00		
William Huot	4200 00	826 00	3374 00		
William Kakkuri	1218 00	235 48	982 52		
Arvid Kallio	4200 00	812 00	3388 00		
Thomas Kirby, Sr.	4200 00	812 00	3388 00	391	56
Thomas Kirby, Jr.	4200 00	812 00	3388 00		
Uno Koskinen	4200 00	812 00	3388 00		
Theodore Kiuru	1446 00	279 56	1166 44		
Ed. Laituri	4200 00	812 00	3388 00	391	56
George Lampshire	4200 00	812 00	3388 00		
Richard Lampshire	4200 00	826 00	3374 00		
John Luoma	4200 00	812 00	3388 00		
Emil Mackie	4200 00	826 00	3374 00		
Joseph Mankee	1218 00	341 04	876 96		
Walter Mattila	4200 00	784 00	3416 00		
Solomon Myllymaki	4200 00	826 00	3374 00	391	56
Peter Mongiat	4200 00	812 00	3388 00	391	56
Sam Phillippi	4200 00	812 00	3388 00		
W. Harry Quayle	4200 00	826 00	3374 00	391	56
Elias Ranta	4200 00	B 1470 00	2730 00		
John Santti	4200 00	812 00	3388 00		
James Scopel	4200 00	812 00	3388 00	391	56
Clement Simoneau	4200 00	826 00	3374 00		
Nestor Sulonen	4200 00	784 00	3416 00		
Eric Timo	4200 00	784 00	3416 00	391	56
Walter Tippett	4200 00	812 00	3388 00	391	56
William F. Tippett	4200 00	826 00	3374 00	391	56
William Tuomela	4200 00	826 00	3374 00		
Louis Trudell	4200 00	812 00	3388 00	391	56
Nick Valenti	4200 00	826 00	3374 00		
Solomon Walimaa	4200 00	812 00	3388 00	391	56
Harvey Wepsola	1977 00	388 81	1588 19		
John Wiljanen	4200 00	812 00	3388 00	391	56
William Hill	4200 00	826 00	3374 00		
Wilfred Wills	1372 00	1372 00			
Frank Jokinen				391	56
	189121 00	39340 59	149780 41	6656	52

A - Includes interest of \$120.78 deducted on making lump sum payment credited to Discount.

B - Includes interest of \$116.71 deducted on making lump sum payment credited to Discount.

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11.

c. Workmen's Compensation (continued)BARNES-HECKER DONATIONS

Case No.	Name	Weekly Compensation	Amount Paid	Balance Due
1	Hilma Aho	\$ 14 00	714 00	3486 00
2	Sarah J. Carlyon	14 00	714 00	3486 00
3	Sarah J. Carlyon	4 06	207 06	1011 94
4	Elly Carlyon	14 00	714 00	3486 00
5	Elsie Chapman	14 00	714 00	3486 00
6	Elsie Chapman	7 24	369 24	1802 76
7	Elizabeth E Drew	7 00	357 00	1743 00
8	Vahgeline Durocha	14 00	714 00	3486 00
9	Sarah Ellersick	14 00	714 00	3486 00
10	Anna Frendi	14 00	714 00	3486 00
11	Emma Gelmi	14 00	714 00	3486 00
12	Marie Greene	14 00	714 00	3486 00
13	Ina Haapala	14 00	714 00	3486 00
14	Florence M. Hanna	14 00	714 00	3486 00
15	Toihi Heino	14 00	714 00	3486 00
16	May Hill	14 00	714 00	3486 00
17	Clara Huot	14 00	714 00	3486 00
18	Einar Mantela-Administrator		400 00	
19	Fiina Kakkuri	4 06	207 06	1011 94
20	Sanna Kallio	14 00	714 00	3486 00
21	Anna Kirby	14 00	714 00	3486 00
22	Bertha Kirby	14 00	714 00	3486 00
23	Viana Koskinen	14 00	714 00	3486 00
24	John Kiuru	4 82	245 82	1200 18
25	Alli Laituri	14 00	714 00	3486 00
26	Alice Lampshire	14 00	714 00	3486 00
27	Esther Cowling- Guardian	14 00	714 00	3486 00
28	Ellen Luoma	14 00	714 00	3486 00
29	Lempi Mackie	14 00	714 00	3486 00
30	Elizabeth M. Pope	4 06	207 06	1011 94
31	Lempi E. Mattila	14 00	714 00	3486 00
32	Mini Myllimaki	14 00	714 00	3486 00
33	Valentina Mongiat	14 00	714 00	3486 00
34	Mary Phillippi	14 00	714 00	3486 00
35	Louisa Quayle	14 00	714 00	3486 00
36	Amanda Ranta	14 00	714 00	3486 00
37	Nanna Santti	14 00	714 00	3486 00
38	Frances Scopel	14 00	714 00	3486 00
39	Elna Simoneau	14 00	714 00	3486 00
40	Matilda S. Sulonen	14 00	714 00	3486 00
41	Analia Temo	14 00	714 00	3486 00
42	Marian Tippet	14 00	714 00	3486 00
43	Nellie Tippet	14 00	714 00	3486 00
44	Florence Tuomela	14 00	714 00	3486 00
45	Delia Trudell	14 00	714 00	3486 00
46	Mary Valenti	14 00	714 00	3486 00
47	Mary Walimaa	14 00	714 00	3486 00
48	Adam Wepsola	6 59	336 09	1640 91
49	Frank Wickman		400 00	
50	Eliina Wiljanen	14 00	714 00	3486 00
51	Elizabeth Hill	14 00	714 00	3486 00
			32,717 33	155,834 67

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11.

c. Workmen's Compensation (continued)BARNES-HECKER (continued)RELIEF

<u>Case. No.</u>	<u>Name</u>	<u>Fuel</u>	<u>Clothing Bedding, etc.</u>	<u>Groceries</u>	<u>Total</u>
1	Mrs. Herman Aho			\$ 11.75	\$ 11.75
4	Mrs. William Carlyon	\$ 6.50			6.50
5	Mrs. Edwin Chapman	3.60			3.60
8	Mrs. Peter Durocha	13.00			13.00
10	Mrs. Gust Frendi	27.50	48.76	37.08	113.34
11	Mrs. Joseph Gelmi	42.50			42.50
13	Mrs. Henry Haapala	18.50	39.00		57.50
15	Mrs. Arvid Heino		240.00		240.00
19	Mrs. William Kakkuri	33.25			33.25
20	Mrs. Arvid Kallio	36.04	29.94	32.19	98.17
23	Mrs. Uno Koskinen	28.00		11.80	39.80
24	John Kiuru		35.00		35.00
25	Mrs. Ed. Laituri	31.00	18.66	35.46	85.12
26	Mrs. George Lampshire	18.00			18.00
27	Mrs. Esther Cowling	14.00			14.00
28	Mrs. John Luoma	28.00		10.57	38.57
32	Mrs. Solomon Myllimaki		50.23		50.23
33	Mrs. Peter Mongiat	37.50	1.01		38.51
34	Mrs. Sam Phillippi	20.00			20.00
36	Mrs. Elias Ranta	15.00	32.75	15.19	62.94
37	Mrs. John Santti	13.00			13.00
38	Mrs. James Scopel	18.50			18.50
42	Mrs. Walter Tippett		3.50		3.50
45	Mrs. Louis Trudell		12.00	3.40	15.40
46	Mrs. Nick Valenti	19.00		20.52	39.52
47	Mrs. Solomon Walimaa	15.00		23.79	38.79
48	Harvey Wepsola			13.63	13.63
51	Mrs. William E. Hill	9.00			9.00
	Barnes-Hecker General		107.00		107.00
	TOTAL	446.89	617.85	215.38	\$1280.12

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23.

a. Pension System

The year 1927 completed the nineteenth year of the operation of the Pension System.

The following pensions were granted during the year:

<u>No.</u>	<u>Name</u>	<u>Mine</u>	<u>Date Pension began</u>	<u>Monthly Payment</u>
203	James Stephens	Morris-Lloyd	Jan. 1, 1927	\$ 107.17
204	Erick H. Anderson	Cliffs-Shaft	Apr. 1, 1927	20.96
205	John F. Anderson	" "	Mar. 1, 1927	26.31
206	John Westlund	" "	Apr. 1, 1927	19.54
207	James E. Jopling	Central Office	Apr. 1, 1927	175.00
208	John Erickson	Stephenson	Apr. 1, 1927	26.23
209	Alfred Collick	Lake	May 1, 1927	131.54
210	August Fagerberg	Gwinn	June 1, 1927	62.06
211	Charles Bjork	"	June 1, 1927	41.87
212	John O. Flack	"	June 1, 1927	32.07
213	Samuel J. Roberts	Princeton	July 1, 1927	36.61
214	August Brodine	Holmes	July 1, 1927	26.69
215	John Lafreniere	"	Sept. 1, 1927	24.16
216	Steve Amel	Hard Ore	Sept. 1, 1927	32.78
217	William Jory	Princeton	Nov. 1, 1927	74.72
218	Alfred Bone	Stephenson	Nov. 1, 1927	133.10

The following Old Age Pensions ceased during the year:

<u>No.</u>	<u>Name</u>	<u>Date Pensioned</u>	<u>Date Died</u>
31	John Scott	Nov. 1, 1911	May 24, 1927
40	Charles O. Hellberg	Nov. 1, 1912	Oct. 25, 1927
91	Frank Johnson	Nov. 1, 1919	Oct. 18, 1927
102	Oliver Devold	Dec. 1, 1920	Nov. 26, 1927
129	George Bouty	July 1, 1921	Oct. 4, 1927
131	Andrew Erickson	June 1, 1921	Mar. 23, 1927
142	Gust Peppin	Aug. 1, 1921	Sept. 19, 1927
188	Silas Harper	Nov. 1, 1925	Sept. 27, 1927
197	Sam Hupila	June 1, 1926	May 27, 1927
		<u>1926</u>	<u>1927</u>
	Number of pensions granted during the year	13	16
	Number of deaths	10	9
	Number of Old Age pensions in force Dec. 31	114	120
	Average Annual Pension, December	\$ 409.26	\$ 407.52

\*\*\*\*\*

No new pensions were added to the Furnace Department during the year.

On December 31st there were 7 pensioners on the Furnace Department roll with an average annual pension of \$646.78.

The following Old Age Pensions ceased during the year:

<u>No.</u>	<u>Name</u>	<u>Date Pensioned</u>	<u>Date Died</u>
4	Louis F. Pearce	May 1, 1921	Jan. ? 1927
10	Patrick Deasy	Apr. 1, 1925	Nov. 12, 1927

PENSION DEPT.ANNUAL REPORTYEAR 1927

23.

a. Pension System (cont inued)

Total amount paid to Old Age Pensioners, 1908 to 1927 inclusive:

Mining Department	\$	307,483.96	
Furnace Department		<u>20,781.04</u>	\$ 328,265.00

Total amount paid to Widows and Orphans, 1908 to 1927 inclusive:

Mining Department	\$	22,547.00	
Furnace Department		<u>900.00</u>	
			<u>23,447.00</u>
Total pension payments	\$		351,712.00

Mining Department pensions paid in 1927 were as follows:

Old Age Pensions	\$	45,841.03
Widows and Orphans		<u>0.00</u>
	\$	45,841.03

Pension payments for the years 1908 to 1927 inclusive are as follows:

<u>MINING DEPARTMENT</u>		<u>Widows &amp;</u>	
<u>Year</u>	<u>Old Age</u>	<u>Orphans</u>	<u>Total</u>
1908	\$ 69.10	\$ 48.00	\$ 117.10
1909	351.92	464.00	815.92
1910	896.44	1043.00	1939.44
1911	1690.37	2649.00	4339.37
1912	3865.95	3113.00	6978.95
1913	5133.62	3025.00	8158.62
1914	6179.57	3403.00	9582.57
1915	7910.35	2372.00	10282.35
1916	8787.02	1694.00	10481.02
1917	9327.22	1266.00	10593.22
1918	8889.14	944.00	9833.14
1919	9605.02	888.00	10493.02
1920	12613.29	814.00	13427.29
1921	21856.64	14.00	21870.64
1922	29063.85	168.00	29231.85
1923	29564.57	168.00	29732.57
1924	31987.64	168.00	32155.64
1925	34926.34	163.00	35089.34
1926	38924.88	143.00	39067.88
1927	<u>45841.03</u>	<u>0.00</u>	<u>45841.03</u>
	307,483.96	22,547.00	330,030.96

PENSION DEPT.ANNUAL REPORTYEAR 1927

23.

a. Pension System (continued)FURNACE DEPARTMENT

The Pension payments for the years 1910 to 1927 inclusive are as follows:

<u>Year</u>	<u>Old Age</u>	<u>Widows &amp; Orphans</u>	<u>Total</u>
1910	\$ 111.75		\$ 111.75
1911	268.20	\$ 120.00	388.20
1912	268.20	180.00	448.20
1913	268.20	180.00	448.20
1914	268.20	180.00	448.20
1915	268.20	180.00	448.20
1916	268.20	60.00	328.20
1917	268.20		268.20
1918	268.20		268.20
1919	130.55		130.55
1920	223.80		223.80
1921	781.63		781.63
1922	1118.04 ✓		1118.04
1923	1179.38 ✓		1179.38
1924	2085.82 ✓		2085.82
1925	2833.39 ✓		2833.39
1926	5351.35 ✓		5351.35
1927	4819.73 ✓		4819.73
	\$ 20,781.04	\$ 900.00	\$ 21,681.04 ✓

At the present time the pensioners on our payrolls live in the following localities:-

MINING DEPARTMENT

Ishpeming	73	Oak Park, Illinois	1
Negaunee	10	Virginia, Minnesota	1
Marquette	4	Detroit Lakes, "	1
Gwinn	10	Lakewood, Ohio	1
Michiganame	1	Springfield, Mass.	1
Pelkie, Baraga Co.,	1	Waterbury, Conn.	1
Menominee	1	Fargo, N. Dakota	1
Flint	1	Escondido, Cal.	2
Detroit	2	Richmond, "	1
Lansing	1	Kingsburg, "	1
Grand Rapids	1	Canada	2
Green Bay, Wis.	1	Italy	1

REPUBLIC MINE

Republic	22	Houghton	1
Marquette	1	Detroit	1
Sault Ste. Marie	1	Gardena, Cal.	1

FURNACE DEPARTMENT

Skandia	1	Kipling	4
Gladstone	1	Marquette	1

LAND DEPARTMENT

Ishpeming	1
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PENSION DEPT.ANNUAL REPORTYEAR 1927

23.

a. Pension System (continued)

The following men were put on the Republic Mine Pension roll during the year:

<u>No.</u>	<u>Name</u>	<u>Date Pension Began</u>	<u>Monthly Payments</u>
30	Ernest Durand	Jan. 1, 1927	\$ 56.45
31	Emanuel Isaacson	Apr. 1, 1927	30.09
32	John Savolainen	July 1, 1927	18.00

There are 27 pensioners on the Republic Mine roll, the average annual pension being \$ 456.86.

The payments made from October 1, 1920 to December 31, 1927 are as follows:-

1920	\$ 278.61
1921	3427.97
1922	5672.84
1923	6641.51
1924	8172.96
1925	8379.08
1926	9539.90
1927	<u>12185.24</u>

\$ 54,298.11

LAND DEPARTMENT

Eric Johnson was granted a pension on January 1st, 1927, amounting to \$27.78 per month.

Total amount paid during year \$ 333.36.

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During the year as time permitted, study has been made of the general pension plans and the experience of others and publications upon the subject. Time has been too limited to have completed this work.

PENSION DEPT.ANNUAL REPORTYEAR 1927

23.

a. Pension System (continued)PENSION FUNDBALANCE BY COMPANIES & DEPARTMENTS

	<u>TOTAL TO DECEMBER 31, 1927</u>		
	<u>RESERVE SET UP</u>	<u>PAYMENTS</u>	<u>BALANCE</u>
<u>MINE DEPARTMENT:</u>			
The Cleveland-Cliffs Iron Company	\$ 250,933.19	308,631.19	57,698.00
The Negaunee Mine Co.	34,946.88	21,371.77	13,575.11
The Athens Iron Mining Co.	13,632.53	-	13,632.53
Republic Mine	76,820.01	54,298.11	22,521.90
Total Mine Department	376,332.61	384,301.07	7,968.46
<u>FURNACE DEPARTMENT</u>			
The Cleveland-Cliffs Iron Company	55,633.30	21,681.04	33,952.26
<u>LAND DEPARTMENT:</u>			
The Cleveland-Cliffs Iron Co.	18,119.40	333.36	17,786.04
Bunker Hill Mining Co.	1.07	-	1.07
Munising Railway Co.	5.63	-	5.63
Michigamme Company	9.98	-	9.98
Total Land Department	18,136.08	333.36	17,802.72
<u>LUMBERING DEPARTMENT:</u>			
The Cleveland-Cliffs Iron Company	34,456.02	5.00	34,451.02
GRAND TOTAL ALL DEPARTMENTS	484,558.01	406,320.47	78,237.54
<u>Plus Interest:</u>			
The Cleveland-Cliffs Iron Company	88,100.06	-	-
Republic Mine	11,007.07	-	-
Total Interest			99,107.13
TOTAL PENSION FUND			177,344.67

S U M M A R Y

The Cleveland-Cliffs Iron Company - Pension Fund	143,815.70
Republic Mine - Pension Fund	33,528.97
Total Pension Funds	177,344.67



PENSION DEPT.YEAR 1927ANNUAL REPORT

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b. Republic Mine Funds

When we took over the Republic Mine on May 1st, 1914, the Republic Iron Company had in its possession as Trustee for the men, the following funds:

Sick Benefit Fund	\$ .75
Relief Fund	990.87
Fatal Accident Fund	6132.79

On November 16th, 1914, these funds were accepted by our Company as Trustee for the men, and interest has been credited on balances at the rate of 4 per cent.

When these funds were turned over to us, the Fatal Accident Fund had been reduced by \$200.00 which had been paid to Mrs. Anne Sirtalo, on account of the death of her husband which had occurred shortly before we had purchased the property.

The Funds were for the following purposes:

SICK BENEFIT FUNDS

Sick benefits have been paid to men who were off on account of sickness and on the following basis: \$15.00 per month to each man off on account of sickness, but if there is not sufficient funds for this purpose in any month, the amount on hand is divided proportionally between these entitled to sick benefits.

The men contribute 20 cents per man per month to this Fund.

FATAL ACCIDENT FUND

This fund was provided to make a payment, in case of a mine fatality of \$200.00, this to cover the funeral expenses and other items of expense which might have been incurred.

Originally, the men paid 20 cents per month and the company contributed an equal amount. On August 31, 1899, the Company discontinued its contribution to this Fund and the collections from the men ceased on December 31, 1908.

RELIEF FUND

At the time the property was purchased by our Company, the Relief Fund operated the Hospital.

For many years \$1.30 of the money collected from the men was paid to the Relief Fund.

On May 1, 1913, the contribution of the men to this Fund was reduced to \$1.20.

In April of 1914 the Company began its contribution of 10 cents per man per month on account of Workmen's Compensation, the contribution at that time to cover the first three months of 1914.

From this Relief Fund there was paid:

1. The running expenses of the hospital
2. 70 cents per man per month to the physician as salary for his services.
3. Benefit payments for the first two weeks of disability caused by a mine accident, this payment being at the rate of 80 cents per day for each working day lost.

PENSION DEPT.ANNUAL REPORTYEAR 1927

23.

b. Republic Mine Funds (continued)

On September 1, 1916, this plan of operation of the Hospital was changed and it was put on the same basis as our other hospitals, the physician conducting the hospital on his own account, receiving for his services, the amounts paid by the men for the medical service for themselves and family and the amounts paid by the Company to cover the care of injured men under the provisions of the Compensation Law.

Since this change was made, the men have continued their payments to the Relief Fund on the basis of 30 cents per man per month and payments are made from this Fund during the first two weeks of disability on account of an accident.

When the Republic Mine has been operated on a full time basis, there has been collected on the payroll \$1.60 per man per month which is distributed as follows:

First - \$1.10 to resident physician.  
Second .50 to Relief and Sick Benefit Fund.

This payment continued to the first of August 1927 at which time the rate of payment to the Doctor for medical service was changed to \$1.25.

Formerly, of the contribution above paid, \$ .50 was divided into 20¢ to the Sick Benefit Fund and 30¢ to the Relief Fund. On February 1st, 1922, the Sick Benefit Fund and the Relief Fund were combined into one fund called the Relief and Sick Benefit Fund, their purpose being so similar.

Following will be found a statement of these funds for the year 1927:

<u>RELIEF AND SICK BENEFIT FUNDS</u>	
Balance on hand Jan. 1, 1927	\$ 3,528.24
Receipts during the year	<u>759.31</u>
Total	4,287.55
Disbursements during the year	<u>540.30</u>
Balance on hand December 31, 1927	3,747.25
<u>FATAL ACCIDENT FUND</u>	
Balance on hand Jan. 1, 1927	7297.41
* Receipts during the year	<u>294.78</u>
Total	7592.19
Disbursements during the year	<u>0.00</u>
Balance on hand December 31, 1927	\$ 7592.19

\* The \$294.78 shown as Receipts is interest allowed by the Company. The men formerly contributed 20 cents per man per month but no collections have been made since December 31, 1908. The Company discontinued its contributions on August 31, 1899.

PENSION DEPT.ANNUAL REPORTYEAR 1927

23.

b. Republic Mine Funds (continued)

During the year, in view of the reduction in work at the Republic Mine, a careful investigation was made of the funds maintained at that property. We were successful in finding the rules and regulations under which the Club Funds were begun and maintained.

The plans for the distribution of these funds were carefully made and a meeting of the employes was held in the Republic School House on September 23 which was attended by practically all of the employes and by Mr. Thomas Clancey and the Secretary of this Department.

The whole matter was very thoroughly explained by Mr. Clancey and after a full discussion it was unanimously voted that the collections from the men should cease at the end of September 1927 and that benefit payments should end with December 1927; that all of the men employed from September 1900 to September 1927 inclusive, should participate in the distribution of the funds remaining in the Fatal Accident Fund and the Relief and Sick benefit Funds in proportion to the amount paid to these funds by these men.

The payments to the Fatal Accident Fund by the men began at a later date than the Relief & Sick Benefit Funds and ceased in December, 1908 so that two distinct calculations must be made for both Funds. Some men had contributed to both Funds and some of the men had contributed only to the Relief & Sick Benefit Fund, those being the men beginning their employment at the mine after December 31st, 1908.

It was also voted that any money which could not be distributed by January 1st, 1929 because of inability of locating those to whom the money was due, should be turned over to the Red Cross Chapter of Marquette County to be used for relief work under their direction in Republic Township.

Work on tabulating the payments by the men is well underway, and it is hoped that it can be completed by May 1, 1928 so that the calculations of the amount to be paid to the different men can soon after be made and the distribution begun.

It will take considerable time to locate some of the people and from May 1st to the end of the year is none too long.

PENSION DEPT.

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23.

c. Suspense Funds

In the 1918 Annual Report there is a complete statement of the payments made from the Suspense Fund from September 1st, 1912 at which time the Compensation Law in Michigan went into effect. The Funds are exhausted and report is made here from year to year so that it can always be readily determined where to look for the final report of the Suspense Fund.

d. Visiting Nurses

The work of the visiting nurses continued during 1927 with just as satisfactory results as in previous years. This work was begun by the Company in Ishpeming on May 1, 1908; at Gwinn September 1, 1910; and at Negaunee, September 1, 1911.

The following nurses have been employed during the year:

- Ishpeming - Miss Myrtle V. Welander
  - Negaunee - Miss Ina E. Atkin
  - Iron River- Miss Laura N. Fisk
- (employed jointly with other companies)

At Gwinn, owing to reduction in forces early in 1927, Miss Hirwas, who had been our Visiting Nurse in that District, was transferred to Head Nurse at the hospital on March 1, 1927, and the visiting nursing work was given up.

The following statement shows the cost of Visiting Nurse for the year 1927:

<u>Place</u>	<u>Total for Year</u>	<u>Average per month</u>
Ishpeming	\$ 2226.41	\$ 185.53
Negaunee	2331.83	194.32
Gwinn	406.98	33.92
Iron River	221.57	18.46

PENSION DEPT.ANNUAL REPORTYEAR 1927

23.

d. Visiting Nurses

The following is the report of the Ishpeming Visiting Nurse for the year 1927:

Total number of patients cared for during year	477
Number of new cases cared for during year	251
Total number of visits to patients	2919
Number of families visited for the first time	55
Number of Rest Cottage Calls	168
Number of Pension Calls	7
Number of Social calls	40
Number died	8

## Classification of new cases for the year:

Number of adults	132	Male	6	Female	126
Number of children	119	Male	62	Female	57

## Nationalities of new cases for the year:

American	158	French	16	Norwegian	5
English	13	Irish	3	Swedish	9
Finnish	33	Italian	14		

## Diseases and number of new cases:

Abscess	2	Ear Trouble	1	Paralysis	1
Apoplexy	1	Infants, newborn	26	Prenatal	34
Appendicitis	3	Infections	22	Pul. Tuberculosis	2
Asthma	2	Injury	11	Rheumatism	1
Baby Welfare	10	Mastites	1	Rupture	3
Bowel Trouble	4	Mastoditis	1	Senility	1
Bronchitis	4	Miscarriage	2	Scabies	1
Burns	5	Nephritis	1	Stomach Trouble	2
Cold	7	Neuralgia	2	Tonsilitis	3
Eczema	1	Obstetrical	22	Unclassified	16
Enteritis	1	Otitis Media	2	Undiagnosed	13
Grippe	4	Pleurisy	3	Var. Ulcer	5
Heart Trouble	4	Pneumonia	5	Whooping Cough	1
Fracture	6	Post Operative	15		

Number of families investigated	13
Number of investigation calls	8

Visiting Nurse: Miss Myrtle Welander.

PENSION DEPT.ANNUAL REPORTYEAR 1927

23.

d. Visiting Nurses (continued)

The following is the report of the Negaunee Visiting Nurse for the year 1927:

Total number of patients cared for during month	787
Number of new cases cared for during month	499
Total number of visits to patients	3664
Number of families visited for the first time	24
Number of Pension calls	31
Number of Donation calls	41
Number of Social calls	608
Number died	9

## Classification of new cases for the month:

Number of adults	214	Male	26	Female	188
Number of children	285	Male	125		160

## Nationalities of new cases for the month:

American	234	French	8	Norwegian	11
English	30	Italian	35	Swedish	18
Finnish	162			German	1

## Diseases and number of new cases:

Appendicitis	6	Gen. Deb.	3	Pleurisy	2
Asthma	2	Heart Trouble	4	Pneumonia	7
Bowel Trouble	25	Hernia	1	Post Operative	22
Bronchitis	11	Jaundice	2	Pregnancy	42
Burns	1	Impetigo	1	Pul. Tuberculosis	10
Chicken Pox	3	Infants, newborn	72	Rheumatism	8
Chorea	1	Infections	12	Senility	3
Cold	23	Injury	12	Sore Eyes	1
Diphtheria	2	Mal-Nutrition	4	Stomach Trouble	3
Eczema	4	Mastoditis	1	Tonsilitis	9
Enlarged Tonsils	37	Measles	21	Unclassified	6
Gastritis	1	Otitis Media	1	Undiagnosed	2
Grippe	23	Obstetrical	62	Whooping Cough	28
		Peritonitis	1		

Number of families investigated -	C. C. I. Co.	31
	Woman's Welfare	3

Number of investigation calls	C. C. I. Co.	58
	Woman's Welfare	6

Visiting Nurse: Miss Ina Atkin.

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23.

d. Visiting Nurses (continued)

Miss Hirwas who had been employed as visiting nurse in the Gwinn District since May, 1918, was transferred to the Gwinn Hospital on March 1, 1927.

The following statement shows the work done during the two months during which time she was engaged in the visiting work:-

Total number of patients cared for during year (two months)	95
Number of new cases cared for during year	81
Total number of visits to patients	331
Number of families visited for the first time	0
Number of Pension calls	10
Number of social calls	33
Number died	0

## Classification of new cases for the year:-

Number of Adults	35	Male	7	Female	28
Number of Children	46	Male	27	Female	19

## Nationalities of new cases for the year:-

American	13	French	6	Italian	17
English	9	Irish	2	Norwegian	5
Finnish	17			Swedish	12

## Diseases and number of new cases:

Appendicitis	2	Impetigo	3	Pleurisy	1
Bowel Trouble	5	Infants, newborn	3	Post Operative	1
Burns	2	Infections	8	Prenatal	7
Cold	8	Injury	5	Pul. Tuberculosis	1
Chicken Pox	9	Mal-Nutrition	3	Rheumatism	4
Cholecystitis	1	Neuresthenia	1	Rupture	6
Eczema	4	Obstetrical	3	Stomach Trouble	1
Heart Trouble	1			Tonsillitis	2

Number of families investigated	7
Number of investigation calls	21

Visiting Nurse- Miss Johanna L. Hirwas.

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23.

d. Visiting Nurses (continued)YEARLY REPORT OF VISITING NURSE - IRON RIVER

Total number of patients cared for during year	65
Number of new cases cared for during year	65
Total number of visits to patients	215
Number of Pension calls	0
Number of Social calls	0
Number died	0

## Classification of new cases for year:-

Number of adults	22	Male	0	Female	22
Number of children	43	Male	19	Female	24

## Nationalities of new cases for the year:-

American	23	Finnish	9	English	9
Polish	17	French	5	Italian	2

## Diseases &amp; Number of new cases for the year:-

Bowel Trouble	1	Infant Feeding	5	Miscarriage	2	Unclassified	10
Bronchitis	1	Infection	1	Obstetrical	14	Whooping Cough	2
Burns	3	Injury	1	Prenatal	1		
Colds	6	LaGrippe	3	Pneumonia	2		
Enteritis	9	Measles	1	Post Operative	3		

Visiting Nurse: Miss Laura N. Fisk

NUMBER OF PATIENTS ATTENDED AND CALLS MADE BY VISITING NURSES

	<u>No. of Patients</u>	<u>No. of New cases</u>	<u>Male Adults</u>	<u>Female Adults</u>	<u>Male Children</u>	<u>Female Children</u>
Ishpeming	477	251	6	126	62	57
Negaunee	787	499	26	188	125	160
Gwinn	95	81	7	28	27	19
Iron River	65	65	0	22	19	24
	<u>1424</u>	<u>896</u>	<u>39</u>	<u>364</u>	<u>233</u>	<u>260</u>

	<u>Total No. Visits</u>	<u>Total No. of Patients died</u>	<u>Social Calls</u>	<u>Families visited First time</u>	<u>Pension Calls</u>
Ishpeming	2919	8	40	55	7
Negaunee	3664	9	608	24	31
Gwinn	331	0	33	0	10
Iron River	215	0	0	0	0
	<u>7129</u>	<u>17</u>	<u>681</u>	<u>79</u>	<u>48</u>

NATIONALITY OF CASES

	<u>American</u>	<u>English</u>	<u>Finnish</u>	<u>French</u>	<u>Irish</u>
Ishpeming	158	13	33	16	3
Negaunee	234	30	162	8	0
Gwinn	13	9	17	6	2
Iron River	23	9	9	5	0
	<u>428</u>	<u>61</u>	<u>221</u>	<u>35</u>	<u>5</u>
	<u>Italian</u>	<u>Norwegian</u>	<u>Polish</u>	<u>Swedish</u>	<u>German</u>
Ishpeming	14	5	0	9	0
Negaunee	35	11	0	18	1
Gwinn	17	5	0	12	0
Iron River	2	0	17	0	0
	<u>68</u>	<u>21</u>	<u>17</u>	<u>39</u>	<u>1</u>



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e. Rest Cottage

The Rest Cottage at Deer Lake was opened for guests on July 16th, and closed on September 7th, a period of 54 days.

The work at the Rest Cottage this season was taken care of by Mrs. Petra Haglund, with the assistance of Olga Steve, and the service rendered was very satisfactory.

The work was supervised by Miss Welander, the Ishpeming Visiting Nurse, assisted by Miss Atkin, the Negaunee Nurse.

Careful investigations of sanitary conditions were maintained, but no trouble was experienced from the Deer Lake Sewage.

At the close of the season, all equipment was removed from the cottage and stored in the Cliffs-Shaft warehouse.

The following table gives the number of guests and the cost of maintenance of the Rest Cottage work for the past twenty years:

<u>Year</u>	<u>Place</u>	<u>Number of Guests</u>	<u>Cost of Operation</u>
1908	The Maples	21	\$ 89.93
1909	Deer Lake	29	305.82
1910	" "	24	403.45
1911	" "	45	482.89
1912	" "	57	270.23
1913	" "	82	358.45
1914	" "	107	625.56
1915	" "	137	572.40
1916	" "	82	543.00
1917	" "	111	745.11
1918	" "	51	720.20
1919	" "	84	797.69
1920	" "	98	1005.83
1921	" "	68	646.80
1922	" "	108	774.16
1923	" "	87	625.80
1924	" "	72	744.51
1925	" "	95	653.10
1926	" "	91	744.98
1927	" "	96	833.73

## Details of operation for the year 1927:

Number of meals furnished	2513
Total Guest days	597
Number of People at Rest Cottage	96
Average number of days per person	6.2
Number of days Cottage was open for guests	54
Average number of people at Cottage per day	11.0
Total cost of operation reduced to cost per guest per day	\$ 1.319

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f. North Lake Club

The work of the Club has continued under the charge of Joseph Pope. W. H. Thomas, Chief Clerk of North Lake has acted as Treasurer and Mr. Stakel has given it his personal supervision.

The Club has been active throughout the year, especially during the winter months, when the people spend the larger amount of their leisure time there.

Bowling, Billiards, dances, Moving Pictures and the Radio have continued very popular.

Basket-ball, has been of general interest and a very good team played many interesting games during the season.

The Ishpeming Sportsmen's Club held one meeting in the Club House at which pictures of outdoor life was shown.

One Safety Meeting was held of all superintendents, captains and foremen and following a talk by Mr. Elliott, safety pictures were shown.

Following is the financial statement for the year:

Balance on hand January 1st, 1927	\$282.40	
Receipts during the year 1927	<u>1940.24</u>	
Total		\$2222.64
Total Expenditures		<u>1986.56</u>
Balance on hand December 31st, 1927.		\$ 236.08

RECEIPTS

Membership Fees - Men	\$ 447.75	
Theater	1139.77	
Bowling Alleys	237.70	
Pool & Billiards	48.25	
Miscellaneous	<u>66.77</u>	
Total		\$ 1940.24

EXPENDITURES

Building- Maintenance	11.31	
Lighting	323.24	
Heating	163.60	
Bowling Alleys	85.27	
Pool Room	70.30	
Office Expense	88.05	
Theater	1129.40	
Reading Room	44.44	
Miscellaneous	60.95	
Welfare	<u>10.00</u>	
Total		1986.56

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g. Gwinn Association

The work of the association has continued throughout the year under the charge of Mr. E. L. Miller as Superintendent and the personal supervision of Mr. Graff. It has been most satisfactory in every way.

The amount of work done has been very large as is shown by the very fine report of Mr. Miller which is made a part of this report.

The Camp at Bass Lake was continued for the summer but at less expense and was made very good use of.

The open air swimming pool on the East Branch was supervised by the Association force and being a part of the County Camp system has been most popular.

Attention is called to the following features from the Annual Report from which a substantial revenue was received:

	<u>Receipts</u>	<u>Expenditures</u>	<u>Profit</u>
Theatre	2754.35	1964.13	790.22
Pool and Billiards	335.15	3.06	332.09
Bowling Alleys	503.75	269.89	233.86
Buffet	572.45	352.04	220.41
Camp	<u>65.50</u>	<u>41.26</u>	<u>24.24</u>
	4231.20	2630.38	1600.82
Total			

On a following sheet will be found the complete financial report for the year.

When the Stephenson Mine closed a new arrangement was made in the method of operation.

The Company reduced its salary payments to \$50.00 per month, this payment being made in order to control the operation of the Club, - Mr. Graff continuing as President of the Board. Arrangements were made to increase the dues to 50¢ per month, the employes of the Archibald Mine coming in on this basis.

The schools arranged to pay a substantial sum for the use of the Club Building for its physical activities. This plan went into effect on October 1st, and it has worked out well for the three months and has the promise of continuing on a successful basis. It is of great value to the community and if it can be maintained on the present plan of operation without extra cost to the Company it will be a rather remarkable achievement.

The credit of this is due to the careful planning of Mr. Graff and Mr. Miller.

PENSION DEPT.ANNUAL REPORTYEAR 1927

23.

g. Gwinn Association (continued)

Balance on hand January 1st, 1927	\$229.80	
Receipts during the year	<u>6926.71</u>	
Total		\$7156.51
Total Expenditures		<u>5894.92</u>
Balance on hand December 31, 1927		\$1261.59

RECEIPTS

Membership Fees--Men	\$1104.75	
Theater	2754.35	
Bowling Alley	503.75	
Pool and Billiards	335.15	
Lockers	.50	
Buffet	572.45	
Towels and Soap	55.25	
Camp	65.50	
Discount	8.96	
Athletics	508.60	
Miscellaneous	1000.00	
Telephone	17.45	
Total		<u>6926.71</u>

EXPENDITURES

Building, Maintenance	130.77	
Equipment	1.32	
Education	33.70	
Lighting	457.11	
Heating	655.06	
Water	14.40	
Bowling Alleys	269.89	
Pool and billiards	3.06	
Buffet	352.04	
Stationery and Printing	2.50	
Entertainments	11.90	
Towels and Soap	39.81	
Laundry	18.72	
Office expense	34.71	
Camp	41.26	
Salaries	1333.00	
Theater	1964.13	
Library	1.50	
Reading room	62.85	
Athletics	278.09	
Music	90.75	
Telephone	77.35	
Radio	21.00	
Total		<u>\$ 5894.92</u>

PENSION DEPT.ANNUAL REPORTYEAR 1927

23.

g. Gwinn Association (continued)

The following report and summary of the activities of the Association has been compiled from the monthly reports issued during the year.

The activities of the Association were conducted along the same lines as in previous years. Every department was active and their programs were of a nature to meet the demand of the association members. Many of the

ATTENDANCE

A check on estimating the number of persons making use of the building shows that the totals are very conservative.

Total estimated attendance at building .....68920  
Average monthly attendance..... 5743

Total estimated attendance for all outdoor recreations supervised by association employees; including Ice Skating Rink, Playground and Tennis Court, Baseball, Swimming Pool and Bass Lake Camp .....11340

MEMBERSHIP

Owing to a re-arrangement of financial matters of the association; membership pledge cards were issued during October, calling for a membership rate of not less than 50 cents per month payable three months in advance. The response to this request was very favorable.

During the summer there was much confusion with men being transferred on different mine payrolls and it was hard to keep an exact check on the membership cards. But the following results were obtained.

Number members January First 1927 .....287  
Number members January First 1928 .....252

Low membership for year - October .....196  
High membership for year - July .....355

Average monthly membership 1926 .....274  
Average monthly membership 1927 .....266

\*\*\*\*\*

RECEIPTS AND EXPENDITURES

Total receipts including 1926 balance (\$229.80)... \$ 7156.51  
Total expenditures for year ..... 5894.92  
Balance on hand January First 1928 ..... 1261.59

THEATRE

Receipts for year ..... 2754.35  
Expenditures for year ..... 1964.13  
Profit ..... 1090.22  
Deposit and rental on future pictures .... 87.50

BUFFET

Receipts for year ..... 572.45  
Expenditures for year ..... 352.04  
Profit ..... 220.41  
Inventory January First 1928 ..... 7.00

BOWLING AND POCKET BILLIARDS

Receipts for year ..... 838.90  
Expenditures ..... 272.95  
Profit ..... 565.95

PENSION DEPT.

ANNUAL REPORT

YEAR 1927

23.

g. Gwinn Association (continued)

GENERAL ACTIVITIES AND ORGANIZATIONS USING BUILDING

- 27 - Meetings; 5 by Board of Directors; 5 by Masonic Club; 3 by Sportsmen's Association; 4 by American Legion and 10 by other organizations.
- 7 - Meetings by St. Anthony's Guild
- 6 - Meetings by Episcopal Guild
- 2 - Meetings by Methodist Ladies' Aid
- 2 - Meetings by Swedish Ladies' Aid
- 3 - Sales of fancy work articles by church organizations
- 13 - Nights play in cribbage league
- 4 - Card parties
- 2 - Dancing classes under supervision high school
- 4 - High school class parties (dancing)
- 2 - High school class parties (no dancing)
- 23 - Dances held during the year; including ordinary, dances after basketball games and those covering some special event.
- 59 - Lunches or dinners served by different organizations.
- 250 - Visitors conducted through building during year.

\*\*\*\*\*

EVENTS OF SPECIAL INTEREST

- |   |  |
|---|--|
| Annual New Year's Ball                          | by Local Firemen   |
| Annual Card Party                               | by Council Girl Scouts                                     |
| Banquet Cribbage League                         | by Association   |
| Banquet- Honor High Basketball players          | by Order of Odd Fellows                                    |
| Parent-Teachers Reception                       | by Local Teachers  |
| Annual Junior Prom                              | by High School   |
| Banquet for members                             | by Masonic Lodge Club                                      |
| Annual Banquet and Round-up                     | by Sportsmen's Association                                 |
| Mass Meeting                                    | by Property Owners   |
| Card Party                                      | by St. Anthony's Guild                                     |
| Annual Chicken Supper                           | by St. Anthony's Guild                                     |
| County Rally                                    | by Modern Woodmen of America                               |
| Annual Hollow'een Party                         | by High School   |
| Annual Rummage Sale                             | by Council Girl Scouts                                     |
| Banquet   | by Grace Club  |
| Masquerade Dance                                | by Orchestra   |
| Annual Easter Monday Ball                       | by Association   |
| Annual Fun and Frolic Night                     | by Girl Scouts   |
| Annual Ball and Movie Show                      | by Civic Organizations for Children's Christmas Treat Fund |
| Community Christmas Tree and Treat for Children | by entire community.                                       |

\*\*\*\*\*

RADIO

The attendance at the radio programs fell off during the year as many members secured sets for their own homes. The set continues to give very good service and all special programs and athletic contests are received; such as, baseball games, prize fights and important football games.

Number hours radio was used .....130  
Attendance .....345

PENSION DEPT.

ANNUAL REPORT

YEAR 1927

23.

g. Gwinn Association (continued)

INTER-CLUB CRIBBAGE LEAGUE

The cribbage league again proved very interesting for the senior members. The league was increased to six teams, with six players to the team. 13 nights' play was necessary to determine the champions. The five losing teams paid for the banquet which was served in the gymnasium and was one of the social events of the year.

A picked team of 16 men played the Munising team a series of two games; one at home and the other away. The Gwinn team lost both contests.

\*\*\*\*\*

MOVING PICTURE THEATRE

111 - different pictures used		
215 - evening shows held		
114 - matinees held		
329 - total number shows held during the year		
21079 - Total paid attendance .....	Adults	12820
	Students	8259

SPECIAL FREE SHOWS

2 - Shows furnished by Sportsmen's Association .....	200
1 - Show furnished by Association for Children's Christmas Fund .....	165
1 - Show furnished by Association and run four times for students Christmas Treat .....	595

Grand Total for year ..... 22039

ADMISSION PRICES CHARGED DURING THE YEAR

55 shows at 15 cents	An admission charge of 5 cents was made on all students over six years old; except on one occasion when 10 cents was the charge.
52 shows at 20 cents	
2 shows at 25 cents	
2 shows at no charge	
111 Total	

430 - non-members of the association paid the extra charge of 10 cents.

LIBRARY

\*\*\*\*\*

A check of the books in the club library shows the following:-

CLUB SECTION

Number books fiction .....	750
Number non-fiction books .....	194
Total number Club library January 1928 .....	944
Number books added 1927 .....	16
Number books withdrawn (bad condition) .....	19

SCHOOL SECTION

for

The school extension library is for the use of adults only, and books are the property of the Township schools and are placed at the Association building to give those unable to visit the schools an opportunity to secure them.

PENSION DEPT.ANNUAL REPORTYEAR 1927

23.

g. Gwinn Association (continued)LIBRARY (continued)

Number books in school section January 1928 .....	85
Number books added during year .....	30
Number books loaned from club section .....	1139
Number books loaned from school section .....	686
Total number books loaned on cards .....	1825
Number books loaned per month .....	152

READING ROOM

The following number of magazines and newspapers are received and placed on the racks, tables and files in the reading room:

Weekly Magazines .....	6	Weekly Newspapers .....	3
Monthly magazines .....	16	Daily Newspapers .....	2

MUSICAL ORGANIZATIONSASSOCIATION BAND

The association band was re-organized in April and was very active the balance of the year. The out-look is very promising for the future, as there is a class of beginners being instructed by the older members.

During the summer, concerts were given in different parts of the township; Princeton, New Swansy, Little Lake and also at the band stand or park at Gwinn.

The regular band consists of 20 members and during the year held 44 meetings and rehearsals.

The beginners group number 14 and they held 18 rehearsals.

The local orchestra is made up of band members and furnish the music for all local social functions and also outside engagements. During the year they held 27 rehearsals.

Total number rehearsals of different groups .....	85
Concerts and engagements by Band .....	8

Members of the band and their families held 2 picnics; one at Bass Lake and the other at Champion Beach.

Balance on hand in Band Fund 1.....	\$10.85
-------------------------------------	---------

ASSOCIATION GLEE CLUB

The association glee club again sponsored the entertainment course secured through the Redpath Bureau and during the year four high class programs were given. The price of the season tickets remain the same; adults \$1.50 and students \$1.00 and the course is very popular with the residents of the entire district.

The members are always willing to assist at any social or musical event where their services are needed and requested.

4 - numbers on entertainment course-- Attendance .....	1175
--	------

Balance on hand (Entertainment Fund) .....	\$145.22
Balance on hand (Club concerts and programs) .....	96.12



PENSION DEPT.ANNUAL REPORTYEAR 1927

23.

g. Gwinn Association (continued)BOWLING ALLEYSMEN

All the old timers were again in line for the ninth season of the association league. The winners of the 1926 tournament again came through as the 1927 champions using the same line-up. The league consisted of six three men teams. The schedule calling for 45 games was completed by every team, games were rolled three nights per week.

LADIES

The ladies continue their interest in the sport and two nights and two afternoons were set aside for their use. League games were started in February and six teams with six members to the team completed the schedule of 30 games.

\*\*\*\*\*

PHYSICAL AND ATHLETIC DEPARTMENT

Including all work conducted in the gymnasium, swimming pool and all outdoor recreations; such as, baseball, physical training classes at school grounds, ice skating rink, playground and tennis court, football and outdoor swimming pool.

Employees of the club again handled all the athletic work for the local high school, beginning in September at the school playground and during the winter months conducting the physical training classes and coaching the athletic teams in the gymnasium. The physical training classes were on the program for the May Festival conducted at the school playground in which the entire school appeared.

The senior members of the association used the gym for regular class work and recreational games during the winter. The senior men used three nights per week and the women's class met once a week.

SUMMARY OF ACTIVITIES OF THE PHYSICAL DEPARTMENT

	<u>Periods</u>	<u>Attendance</u>
Boys - High school physical training	116	3142
Girls -High school physical training	103	2905
Boys - Basketball practice	78	796
Young ladies supervised classes	18	573
Junior Boys recreation periods	16	483
Supervised swimming (Girls)	18	230
Supervised swimming (Boys )	32	659
Seniors (men) using gym for basketball, handball, volleyball, regular class work, or other forms of recreation	<u>41</u>	<u>313</u>
Total attendance of those taking part .....	422	9101
Use of showers (estimated)		6500

Basketball games during the year:- 14 games between local teams; 6 games with visiting teams and 16 games away from home. Attendance at all home games ..... 2700

The Gwinn High school basketball team played 8 tournament games; winning 2 at the Ishpeming Tournament, 3 at Marquette and after winning 2 at the Detroit state tournament they dropped their final game for the title in class "D" by two points; thereby securing second place. The local fans supported the high team in a fine manner.

PENSION DEPT.

ANNUAL REPORT

YEAR 1927

23.

g. Gwinn Association (continued)

SUMMARY OF ACTIVITIES, etc. (continued)

The local junior teams held their annual tournament the first week in April, six teams competed and seven games were played.

The Ice Skating Rink in rear of the association building was in good condition 43 days. Estimated attendance..... 4750

The association again supported an amateur baseball team and played 3 games at home and 3 games away from home, but owing to some of the players being transferred to other districts it was necessary to disband in August. Total estimated attendance at all home games and 17 practice periods ..... 950

TENNIS COURT

The tennis court was ready for play June 15th and on account of bad weather play stopped on September 20th. It was in good playing condition 75 days during the season.

Attendance on court and small baseball field in rear of building..1320

OUTDOOR SWIMMING POOL

Employees of the association again assisted with the work of placing the equipment in order at the pool. A large diving raft was put in place and a safety guide rope for protection of small children was stretched across the pool.

Attendance estimated by caretaker ..... 1720

BASS LAKE CAMP

Camp opened June 1st ..... Closed November 5th.

The association carried on the work at the camp without the services of a regular attendant and had a very successful season. All boats were repainted and put in first class condition at the beginning of the season. The roof of the cottage was repaired and sections tarred.

A small charge was made for the use of the cottage but every one using same was more than satisfied and pleased with the arrangement.

Number different families using camp from w days to one week ....	21
Parties using camp overnight .....	7
All day picnics - church, school and other organizations .....	15
Special parties (evening) .....	5
Girl scouts used camp one week-- attendance .....	30
Basket picnics .....	121

Receipts - Boat rental and cottage ..... \$65.50

Expenditures - Insurance, supplies & repairs ..... 41.26

Total estimated attendance ..... 2600

JUNIOR ORGANIZATIONS

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BOYS

THE "GRACA" CLUB

In October 40 boys under Association leadership organized the Graca Club; meaning, - the Gwinn Recreation and Conservation Association. The age limit covers boys from 12 years through senior high school. Much of the class work has been of the organization type, but some actual study has been made of trees and wild animal life.

PENSION DEPT.

ANNUAL REPORT

YEAR 1927

23.

g. Gwinn Association (continued)

JUNIOR ORGANIZATIONS (continued)

SUMMARY OF WORK COMPLETED

Class meetings ..... 9                      Attendance ..... 345

- 6 meetings regular class work
- 2 stunt and recreation nights with lunch
- 1 banquet in honor of retiring president of Forsyth Township Sportsmen's Association.
- 1 Basket of food donated to needy family at Christmas time.

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GIRL SCOUTS

The seventh year of scouting finds the girls as interested as ever, and much has been done in a social and educational way during the year under supervised leadership.

Both troops continue to register with National Headquarters and meet weekly in the gymnasium under association leadership.

The following summary covers the activities of both troops for the entire year:

Meetings -- Class and Social..... 91      Attendance .....1546

- 10 - socials and parties - including programs and entertainments for mothers of scout members.
  - 17 - hikes and outdoor events including: marshmellow roasts, water-melon feeds and suppers.
  - 1 - annual merit badge ceremonial and exhibit
  - 1 - play given at local high school
  - 3 - programs held in gymnasium
  - 1 - annual supper and party
- Annual camp was attended by 30 scouts.

The scouts assisted the American Legion in selling poppies and also with the Memorial Day program.

The Christmas work of the scouts consisted of making 43 purses of 4 different kinds, 15 pair of moccasins, dressed 23 dolls and donated them to the Good Will Farm, assisted with the children's treat program by singing carols and donated 6 baskets of food and clothing to needy families.

Funds for the scout work are raised by the local council and the scout members. The annual card party and rummage sale usually covers the camping trip.

\*\*\*\*\*

BUILDING MAINTENANCE

The usual supply of material and equipment including cost of general repairs to the building was purchased. This covers bowling, billiards, library supplies, newspaper and magazine renewals, athletic equipment, office and theatre supplies. The association was able to take care of its entire coal supply and pay part of the employees salaries.

PENSION DEPT.

ANNUAL REPORT

YEAR 1927

23.

g. Gwinn Association (continued)

CONSTRUCTION AND REPAIR WORK

- All boats at Bass Lake camp re-painted
- Roof of cottage repaired and tarred
- Entire roof over community room re-tarred
- Seats in theatre repaired and 4 new benches added
- Front steps of building repaired
- Lawn, bushes and fence around same put in good shape
- 6 Tables in community room repaired and varnished
- Ice skating rink constructed and flooded 30 times
- Tennis court and wire netting put in good condition
- Mats in gym cleaned and handles attached
- Floors throughout building scrubbed and oiled
- Bowling alleys sandpapered and shellaced
- Repairs made on boiler and pipes
- Ice box for buffet counter varnished
- Radio overhauled and tubes added
- Moving picture machines repaired and parts added
- Large section of gym floor replaced and gym thoroughly cleaned
- New window curtains placed in community room

\*\*\*\*\*

PENSION DEPT.

ANNUAL REPORT

YEAR 1927

23.

h. Ishpeming Y. M. C. A.

The "Y" work has continued during the year under the direction of Mr. L. W. Upshaw as Secretary.

Mr. Upshaw is very effecient and the standing of the "Y" in the community is better than it has been for a number of years.

Mr. Stanford as President has done much to bring it up to its present fine standing.

The present officers are:-

- F. C. Stanford      President
- H. S. Peterson     Vice-President
- R. J. Chenneour    Secretary
- Judge Wm. St. John Treasurer

The use of the building is increasing all the time. Various public affairs have been conducted during the year, presenting the "Y" to the public in the most favorable light. Some new men have been added to the Board of Directors and some of the older members put on an Advisory Board.

A canvas for funds was conducted in the Spring with quite satisfactory results.

It was planned to make this an annual affair, not only to secure the necessary funds but to keep an interest in the Association, throughout the whole community.

On the following page will be found the annual statement for the fiscal year which ends on April 30th.

PENSION DEPT.ANNUAL REPORTYEAR 1927

23.

h. Isipeming Y. M. C. A. (continued)FINANCIAL STATEMENT FOR YEARENDING APRIL 30, 1927RECEIPTS

Membership Fees			
Seniors	\$	945.05	
Juniors		260.88	
Women		44.35	
Girls		<u>22.30</u>	
Total			1272.58
Subscriptions			3130.08
Miscellaneous			<u>2390.00</u>
Total Local			6792.66
Mining Company Contributions			<u>3687.00</u>
Total Fees and Contributions			10479.66
Dormitory		2351.80	
Gymnasium		688.16	
Lockers		5.00	
Bowling		16.61	
Billiards		99.25	
Athletic Games & Goods		438.54	
Spa		261.75	
Baseball		200.00	
Bath and Supplies		201.80	
Socials and Entertainments		246.45	
Summer Camp		2191.30	
House		218.77	
Miscellaneous		<u>242.78</u>	
			<u>7162.21</u>
<b>TOTAL RECEIPTS</b>			<b>17641.87</b>

PENSION DEPT.ANNUAL REPORTYEAR 1927

23.

h. Ishpeming Y. M. C. A. (continued)FINANCIAL STATEMENT FOR YEARENDING APRIL 30, 1927EXPENDITURES

Miscellaneous and Advertising	\$ 452.91	
Building		
Equipment	452.14	
Repairs	49.25	
Fuel	1814.96	
Electricity and Gas	658.43	
Water	82.32	
Supplies	4.48	
Insurance	124.50	
Salaries	7131.13	
Stationery and Printing	160.83	
Telephone	122.33	
Postage	146.87	
Office Supplies	81.42	
Reading Room Supplies	5.80	
		\$ 11287.37
Dormitory Main. and Expense	521.91	
Gymnasium " "	492.28	
" Equipment	18.98	
Billiards Main. and Expense	20.28	
Bowling " "	19.90	
Athletic Games and Goods	691.17	
Spa	392.41	
Tennis	25.90	
Bath and Expense	60.37	
Laundry	484.97	
Socials & Entertainment	542.31	
Educational	86.21	
Kitchen	191.95	
House	732.36	
Summer Camp	2949.51	
Organization Memberships	60.00	
Interest	247.69	
Baseball	124.91	
Ladies' Work	32.35	
		<u>7695.46</u>
Total all expense incurred.		\$ 18982.83

PENSION DEPT.ANNUAL REPORTYEAR 1927

23.

i. Safety Work

The Central Safety Committee has held its regular meetings each month, holding its meetings on the first Saturday until in October at which time the meeting was held on the second Saturday at which time it was decided to hold the meetings on some afternoon early in the month in order to have more time for the meeting than is usually possible on Saturday morning.

The Committee has continued with the regular membership of previous years.

Mr. G. R. Jackson, Chairman  
Mr. S. R. Elliott  
Mr. J. H. Rough  
Mr. O. D. McClure  
Mr. Lucien Eaton  
Mr. C. J. Stakel  
Mr. W. W. Graff  
Mr. Wm. R. Meyers  
Mr. Wm. Conibear  
Mr. W. H. Moulton, Secretary

The regular work of the Committee and the Safety Department is covered by Mr. Conibear's report.

On the following pages will be found tables showing the Accident Frequency rate from 1917 to 1926 and Frequency and Severity Rates for 1927.



PENSION DEPT.ANNUAL REPORTYEAR 1927

23.

i. Safety Work (continued)ACCIDENT FREQUENCY RATE  
FOR A NINE YEAR PERIOD FROM 1917 to 1926

	Rank	Days of Labor	ACCIDENTS		Rate per 1000 days
			Non-fatal	Fatal	
Miscellaneous	1	62079	5		.081
Hill-Trumbull	2	228012	47	2	.215
Elec. Gen. Plants	3	131965	28	2	.227
General Storehouse	4	114012	30		.263
Wade-Helmer	5	225601	64	2	.293
Ogden	6	10040	3		.299
Angeline	7	76101	29		.381
Salisbury	8	192287	79	2	.421
Negaunee	9	807440	338	4	.424
Maas	10	707448	299	5	.430
Spies-Virgil	11	204619	90	3	.454
South Jackson	12	26068	12		.460
Austin	13	73905	35		.474
Dead River Stg. Dam	14	37223	20		.537
Gardner-Mackinaw	15	130725	74	1	.574
Boeing	16	260010	153	2	.596
<b>Average</b>					<b>.604</b>
Athens	17	441742	262	6	.607
Lake	18	327835	196	3	.607
Princeton	19	241782	148	1	.616
Holmes	20	515750	335	2	.653
Gwinn	21	209611	137	2	.663
Francis	22	201849	138	2	.693
Morris-Lloyd	23	660735	484	2	.736
Stephenson	24	541663	410	5	.766
Cliffs-Shaft	25	812884	674	8	.839
Republic	26	596243	514	3	.867
Barnes-Hecker	27	182851	141	52	1.056
		8020453	4745	109	

PENSION DEPT.ANNUAL REPORTYEAR 1927

23.

i. Safety Work (continued)ACCIDENT SEVERITYRANK AND RATE FROM JANUARY TO NOVEMBER 1927

	Rank	Days of Labor	Days Lost	Rate per 1000 days	Nov. 1926
A - B Republic	1	31472	93	2.955	13.800
A Hill-Trumbull	2	28017	89	3.177	2.369
A - B Spies-Virgil	3	31543	133 $\frac{1}{2}$	4.232	19.603
A - B General Storehouse	4	8560	47	5.491	8.529
A - B Maas	5	52776	311	5.893	21.013
A - B Negaunee	6	71676	447	6.236	12.912
A - B Holmes	7	38228	264	6.906	13.222
A - B Athens	8	41460	306	7.380	18.525
A - B Cliffs-Shaft	9	80190	679	8.467	16.901
AVERAGE				8.968	13.941
B Boeing	10	32928	375 $\frac{1}{2}$	11.403	15.895
Miscellaneous	11	8860	118	13.319	.000
Morris-Lloyd	12	62651	878 $\frac{1}{2}$	14.022	8.180
Stephenson	13	33626	577	17.159	15.137
Ogden	14	4775	132	27.645	2.246
Austin	15	11526	378 $\frac{1}{2}$	32.839	3.302
Maas Crusher	16	2618	90	34.377	.000

TOTAL ALL PROPERTIES 548532 4919

(Barnes-Hecker Mine eliminated from compilation November 1926)

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ACCIDENT FREQUENCYRANK AND RATE FROM JANUARY TO NOVEMBER 1927

	Rank	Days of Labor	Number of Accidents		
A Hill-Trumbull	1	28017	4	.143	.129
A - B Maas	2	52776	10	.189	.465
A Ogden	3	4775	1	.209	.187
A - B Negaunee	4	71676	18	.251	.468
A - B Spies-Virgil	5	31543	9	.285	.408
A General Storehouse	6	8560	3	.350	.332
AVERAGE				.350	.596
B Cliffs-Shaft	7	80190	29	.362	.786
B Athens	8	41460	15	.362	.685
B Holmes	9	38228	14	.366	.687
B Republic	10	31472	12	.381	.709
B Morris-Lloyd	11	62651	24	.383	.732
B Stephenson	12	33626	18	.535	.630
B Boeing	13	32928	19	.577	.737
Miscellaneous	14	8860	6	.677	.000
Austin	15	11526	8	.694	.228
Maas Crusher	16	2618	2	.764	.000

TOTAL ALL PROPERTIES 548532 192

(Barnes-Hecker Mine eliminated from compilation November 1926)

Attention is called to those mines and operations marked "A" which for the period shown have made a better record than the average of all properties.

Those marked "B" show a better record for 1927 than for the same period in 1926.

PENSION DEPT.ANNUAL REPORTYEAR 1927

23.

j. Hospitals & Medical Service

Throughout the year this department has kept in close touch with the Hospitals at Ishpeming, Negaunee, Gwinn, Republic, and Iron River.

ISHPEMING HOSPITAL

The hospital has continued its fine service which has been true of its work since it was opened on Oct. 31st, 1918.

Miss White who came to the hospital on Dec. 14, 1920, has continued a most excellent superintendent.

It is through her efficient management that the Hospital has been enabled to maintain a very high standard, this being shown by continuing to be placed on the accredited list by the American College of Physicians and Surgeons.

The staff was increased on October 1st by the addition of three physicians from Negaunee when the medical service there was taken over by the Company. The staff is as follows:-

Dr. V. H. Vandeventer, Chief  
 Dr. J. D. Crane  
 Dr. P. P. Hartt  
 Dr. A. W. Erickson  
 Dr. W. A. Corcoran  
 Dr. D. R. MacIntyre  
 Dr. Charles L. Hirwas  
 Dr. W. A. Mudge  
 Miss Victoria White, Supt.

During the year regular monthly meetings of the Staff have been held which have been of much service in the care of the patients.

The Staff Meetings includes the Bacteriologist, Dietitian, with Miss Brown as Secretary; the nurses also attend when possible.

The reports of these meetings is a very essential part of the records upon which the College of Physicians and Surgeons base their conclusions as to whether a hospital is entitled to be put or kept on the accredited list.

The force worked most harmoniously throughout the year.

A leave of absence was given Miss White during which period she visited Europe. She was taken ill while in France and her return was delayed but she has been well since her return and is looking after her work in the most capable manner.

On the following page will be found a summary of her report for the year.

Dr. Vandeventer suffered from illness during the summer and Fall and we secured the assistance of Dr. Samuel Hantman who was employed by us from July 1st to October 31st, during the time that the other physicians were having their vacations.

Dr. Vandeventer was much improved during the later months of the year and the improvement promises to continue.

PENSION DEPT.ANNUAL REPORTYEAR 1927

23.

j. Hospitals (continued)ISHPEMING HOSPITAL  
STATISTICAL REPORT FOR THE YEAR 1927

Number of patients remaining in Hospital at beginning of year		10
Number of adult patients admitted	514	
Number of child patients admitted	102	
Number of births	<u>113</u>	
Total new patients for year		<u>729</u>
Total of all patients during the year		739
Number of deaths	30	
Number discharged during year	<u>689</u>	
Total number leaving hospital		<u>719</u>
Number of patients remaining at end of year, Dec. 31, 1927		20

CLASSIFICATION OF NEW CASES:

Surgical	362	
Medical	118	
Obstetrical	<u>249</u>	
Total		729
Number of operations		300
Number of emergency room operations (Traumatic Cases -6)		72
Number of patient days		7949
Number of meals for patients	23847	
Number of meals for nurses, superintendent and dietitian	12783	
Number of meals for physicians and guests	97	
Number of meals for help	<u>4324</u>	
		41051

This report shows an average of 21.8 patients per day as compared with 21.3 in 1926, 19.9 in 1925, 20.5 in 1924, 20.1 in 1923, 16.5 in 1922, 15.9 in 1921, 17.6 in 1920, and 12.2 in 1919.

PENSION DEPT.ANNUAL REPORTYEAR 1927

23.

j. Hospitals (continued)

Following will be found a statement showing the number of consultations taken care of by each of the Physicians at the hospital, and the number of house calls, these being classified according to the employers of the men and their families. This includes the cases of the Cleveland-Cliffs Iron Co., the Oliver Iron Mining Co., the Hercules Powder Co. and the private cases.

These sheets show the percentage of work done for the people belonging to our own Company.

OFFICE AND HOUSE CALLS OF THE DIFFERENT PHYSICIANS

<u>Office Calls</u>	<u>C.C.I.Co.</u>	<u>O.I.M.Co.</u>	<u>Hercules Expl.Co.</u>	<u>Private</u>	<u>Total</u>	<u>C.C.I.Co. Percent</u>
Vandeventer	1113	181	17	369	1680	66.2
Crane	3426	1311	44	255	5036	68.0
Hartt	1930	748	52	78	2808	68.7
Erickson	3217	1103	82	486	4888	65.8
Corcoran	1613	1393	131	515	3652	44.2
Hantman	630	209	8	56	903	69.7
Total	11929	4945	334	1759	18967	62.9

House Calls

Vandeventer	807	264	21	289	1381	58.4
Crane	2127	790	22	625	3564	59.7
Hartt	1936	686	102	182	2906	66.6
Erickson	3453	572	33	390	4448	77.6
Corcoran	1204	1472	140	321	3137	38.4
Hantman	697	3		61	761	91.6
Total	10224	3787	318	1868	16197	63.1

TOTAL CALLS

Vandeventer	1920	445	38	658	3061	62.7
Crane	5553	2101	66	880	8600	64.6
Hartt	3866	1434	154	260	5714	67.6
Erickson	6670	1675	115	876	9336	71.4
Corcoran	2817	2865	271	836	6789	41.5
Hantman	1327	212	8	117	1664	79.7
TOTAL	22153	8732	652	3627	35164	63.0

PENSION DEPT.

ANNUAL REPORT

YEAR 1927

23.

j. Hospitals (Continued)

Negaunee Dispensary

The Negaunee Hospital property was purchased of Doctors Sheldon and Andrus in September 1927 and the property turned over to us on October 1. Dr. D. R. MacIntyre was transferred to Negaunee on that date and Dr. W. A. Mudge, who had been at the Hospital, remained with Dr. MacIntyre and Dr. Charles L. Hirwas was secured for the second physician.

The building is operated as a pharmacy, all hospital cases being taken to the Ishpeming Hospital. The three doctors are made a part of the medical service for the district, Dr. Vandeventer being chief of staff.

The matter of medical service was taken up with the other companies operating in Negaunee so that all of the work might come under the general plan of the Ishpeming Hospital.

The following is the statistical report of the Hospital from January 1st to September 30th:-

Patients in Hospital first of year	0
Number of C.C.I. injury cases admitted during year	11
Number of other cases admitted during year	47
Number of births during year	14
Number of deaths during year	9
Number discharged during year	63
Patients remaining in Hospital-C.C.I. injury cases	0
Patients remaining in Hospital- outside cases	0
Number of operations during year	36
Number of Hospital calls- all cases	20324
Number of visits--C. C. I. families	12885
Number of visits--outside cases	1985
Number of nurses employed during year	2
Number of meals served to patients	1598
Number of meals served the nurses, help, etc.	4878
Total number of meals served	6476
Total number of days of patients	519

Republic Hospital

Dr. Loveland has continued his work at Republic which has been very satisfactory. Some of the most serious cases have been brought to the Ishpeming Hospital.

The Financial Statement for the year follows:

RECEIPTS

From the Cleveland-Cliffs Iron Co.	\$2894.18	
From other sources	<u>2468.22</u>	
		5362.40

EXPENDITURES

Salaries - Physicians	80.00	
Salaries - Nurses	5.00	
Wages-Help	120.00	
Electricity and Lamps	52.49	
Fuel	536.58	
Water	12.00	
Telephone	61.20	
Drugs	530.77	
Insurance and Taxes	196.07	
Hospital Supplies	196.68	
Miscellaneous	72.10	
Barn	<u>170.43</u>	
		<u>2033.32</u>
		3329.08

PENSION DEPT.ANNUAL REPORTYEAR 1927

23.

j. Hospitals (continued)Gwinn Hospital

The Hospital was closed on September 30th and the equipment and supplies belonging to Dr. MacIntyre were purchased of him, the drugs and medical supplies going to the Negaunee Hospital and the linens, bedding, and provisions being taken to the Ishpeming Hospital.

An inventory was taken as of September 30th, 1927 and the settlement based upon this valuation.

The following is the statistical report from January to August, September not being included as the regular work was much broken up:-

Patients in Hospital first of year	2
Number of C.C.I. injury cases admitted during year	5
Number of other cases admitted during year	173
Number of births during year	15
Number of deaths during year	3
Number discharged during year	191
Patients remaining in Hospital-C.C.I. Injury cases	0
Patients remaining Hospital--other cases	1
Number of operations during year	97
Number of Hospital calls-C.C.I. families	2893
Number of Hospital calls-outside cases	980
Number of visits--C.C.I. families	940
Number of visits--outside cases	43
Number of nurses employed during year	4
Number of meals served to patients	3476
Number of meals served the nurses, help, etc.	4104
Total number of meals served	7580
Total number of days of patients	1437 $\frac{1}{4}$

This department is looking after the collections of unpaid accounts of the hospital as the larger percentage of the amounts belongs to the Company and the uncollected accounts were not taken into consideration in the monthly settlements with Dr. MacIntyre.

We arranged with him when the guarantee was entered into that whenever payments were made for hospital cases, that all money received should first apply to the Hospital bill and when that was fully paid any balance was to apply on his bill for services.

There will be quite an amount received from this source.

PENSION DEPT.ANNUAL REPORTYEAR 1927

23.

j. Hospitals (Continued)Gwinn Hospital

Following is the Financial Report for the year, from January 1st.  
to September 30th:-

Receipts--

From C. C. I. Co.	\$3268.74
From Hospital service	4557.84
From other companies	654.39
From Hospital cash sales	562.20
From board	249.45
From sundries	<u>229.40</u>

\$ 9522.02

Expenditures--

Salaries- Physicians	312.14
Salaries- Nurses	1669.23
Wages--Help	1194.49
Office expense	27.25
Drugs	236.81
Provisions	1595.07
Fuel	229.47
Kitchen supplies	12.82
Water and ice	28.88
Electricity and lamps	80.83
Hospital supplies	464.12
Laundry	553.38
Telephone	86.90
Automobile expense	136.58
Barn	106.72
Insurance and taxes	249.62
Freight and express	11.17
Miscellaneous	<u>39.06</u>

7034.54

Operating Profit

2487.48

Less Decrease in Inventory

730.39

Net Profit

1757.09

Payments made to Doctor by C. C. I. Co.

1992.92

Guaranteed Income ( 9 months )

\$ 3750.01



PENSION DEPT.ANNUAL REPORTYEAR 1927

23.

j. Medical Service

A careful investigation was made showing the returns at the different hospitals based on the receipts from the men of \$1.10 per man per month and 40¢ per man per month paid by the employers on account of Workmen's Compensation.

This had relation to the proposal of increasing the payments of the men to \$1.25 per month and the company payments to 50¢ per man per month, making the total payment per man per month \$1.75 instead of \$1.50.

This went into effect at our properties on August 1st.

PENSION DEPT.ANNUAL REPORTYEAR 1927

23.

k. Health

Early in the year, we had some recurrence of the Flu, mostly of an intestinal character, but not severe.

During the late months of the year, many cases of measles have developed, but only a few of serious nature.

The following are the health officers for the district:

Dr. G. G. Barnett	- Ishpeming
Dr. W. A. Mudge	- Negaunee
Dr. L. L. Youngquist	- Marquette

Tuberculosis Clinics have been held in different sections of the County by the State Physicians and their examinations have been followed up by a special agent and the County nurse.

Dr. Lojacono of the Morgan Heights Sanitarium has visited the different sections of the County and held clinics which have been of the greatest service to the local physicians.

l. Red Cross

The Annual Meeting was held in Marquette on October 11th and the following officers were elected:

President	- Thomas Redmone, Marquette
Vice-President	- Philip Levine, Negaunee
Secretary	- R. J. Cheneour, Ishpeming
Treasurer	- E. L. Bice Marquette

Of the Ishpeming Branch, Thomas Clancey has continued as Chairman and Peter Handberg as Treasurer.

The annual Red Cross canvas for members was conducted in Ishpeming under the direction of the American Legion, Sam Cohodas-Chairman, the actual work being done under the direction of George C. Drew.

Mrs. A. L. Johnson has continued as County Nurse under the directions of the Nursing-activities Committee of the Red Cross of which Walter Gries, County Superintendent of Schools, is chairman.

Her salary and expenses are paid by the County, the committee directing her work at the request of the County Board of Supervisors.

Her report for the fiscal year ending Sept. 1, 1927 will be found on the following pages.

PENSION DEPT.

ANNUAL REPORT

YEAR 1927

23.

1. Red Cross (continued)

REPORT OF MARQUETTE COUNTY NURSE

Fiscal year ending August 31, 1927

**Examinations in Rural Schools.**

Number of Schools in County .....	64
Number of Schools examined .....	64
Number of Children examined .....	2355
Number of defects found from September 1, 1926 to September 1, 1927.	
Eyes .....	50
Teeth .....	1122
Tonsils .....	446
Pediculosis .....	13
Goiter .....	436
Malnutrition .....	664
Ears .....	8
Orthopedic .....	12
Skin .....	2
Total .....	<u>2743</u>

Number of defects corrected by Parents from Sept. 1, 1926 to Sept. 1, 1927

Eyes .....	29
Teeth .....	146
Tonsils .....	<u>31</u>
Total .....	206

Home visits and investigations .....	1111
Number of Patients taken to Ann Arbor .....	17
Number of children taken to Deaf and Dumb School at Flint .....	2
Number of investigations made and reported for Ann Arbor Hospital..	13
Number of investigations made and reported for National Home T. B. Hospital .....	4
Number of investigations made for Grand Rapids Welfare Ass'n. ....	14
Number of investigations made for Veterans' Bureau .....	26
Number of class talks .....	98
Other visits to schools .....	26
Consultations at Schools .....	52
Advisory Meetings .....	45
County Poor investigations .....	17
Nursing care given to patients .....	28
Number of letters written .....	1090
Office interviews .....	69
Other meetings .....	14
Sanitary Inspection of schools .....	26
Attended Nurses' Meeting at Lansing .....	3 days
Attended Nurses' Meeting at Battle Creek .....	3 days
Attended Nurses' Meeting at Marquette .....	3 days
Attended County Round up meeting for Rural Schools at Marquette .....	1 day
Attended and assisted T. B. Clinics .....	11
Attended and assisted Tonsil Clinics .....	10
Attended and assisted Dental Clinics .....	10
Attended and assisted Mental Clinics .....	4
Assisted C.C.I.Co.'s Nurse from Nov. 3rd, 1926 to Jan. 1, 1927 following the Bannes-Hecker Mine disaster. Made 203 Home calls and investigations.	
Tonsil and Adenoid Clinics for Indigent Children. Paid for by the Red Cross. Number of clinics .....	10
Number of children having Tonsils and Adenoids removed .....	81

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23.

1. Red Cross (continued)

Dental Clinics Paid for by the Red Cross	
Number of Clinics .....	10
Number of Children treated .....	<u>223</u>
Number of teeth filled .....	255
Number of teeth extracted .....	217
Number of Prophylactic treatments .....	<u>4</u>
Total	476

The children attending the above Dental Clinics were from Ely, Ishpeming and Tilden Townships

Number of Indigent children receiving glasses. Pair for by the Red Cross .....	38
Total number of corrections made from Sept. 1, 1926 to Sept. 1 1927..	801
Tubercular Patients having special attention and being paid for by the Christmas Seal Fund .....	2
Number of Rural Schools furnishing milk for children .....	1

A Card Index has been made covering each child examined, showing defects found, corrections made, etc. and a copy of same left in each school.

Martha C. Johnson, R. N.  
Marquette County Red Cross Nurse.

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ANNUAL REPORT

YEAR 1927

23.

m. Relief Work

Help has been extended to certain families who have been in special need, through sickness or death, or special disability.

Following is a list of the assistance rendered:

	<u>Ishpeming</u>	<u>Negaunee</u>	<u>North Lake</u>	<u>Gwinn</u>	<u>Total</u>
January	\$ 589.53	193.84	15.25	46.91	845.53
February	542.97	84.03			627.00
March	359.36	45.67	21.11		426.14
April	433.75	34.52	66.30		534.57
May	316.03	114.92	60.00		490.95
June	356.57	48.30	10.75		415.62
July	368.91	25.82	31.23		425.96
August	307.42	36.39	61.71		405.52
September	267.82	74.93	31.13		373.88
October	205.39	39.03			244.42
November	292.59	11.18	81.30		385.07
December	<u>521.52</u>	<u>106.13</u>	<u>63.66</u>		<u>691.31</u>
	4561.86	814.76	442.44	46.91	\$5865.97

Number of families assisted	38	17	5	5	65
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Average amount of Relief per family .....\$ 90.24

n. Employment

All applications and records of employment have been handled through this department and we have made careful investigation throughout the year of all new employes through correspondence with their former employers. We have investigated all applications of all young men giving their age as 18 or 19 years to verify date of birth to make sure none were employed under the age of 18.

Some cases have been found in which the date of birth was wrongly stated and when already employed have been immediately discharged.

o. Incapacitated Employes

During the year payments have continued to certain men whose years of service do not bring them within the provisions of the Pension System. These men are those who have become incapacitated after a considerable period of service and some with large families and who have been injured in our employment and for whom the wages for what they can do are inadequate for their full support.

Some widows of men who lost their lives in previous years are included in this assistance.

On the following page will be found a list of these families to whom these donations have been made.

PENSION DEPT.ANNUAL REPORTYEAR 192723. o. Incapacitated Employees (continued)DONATIONS TO INCAPACITATED EMPLOYEES

John Aho	\$ 54.00	
Bennett Andrews	240.00	
John Beale	180.00	
Fred Fredette	300.00	
Thos. Hollow	240.00	
William Holman	180.00	
Sam Metherell	216.00	
John Salson	180.00	
August Samuelson	<u>300.00</u>	
		\$ 1890.00

MISCELLANEOUS DONATIONS

Mrs. John Mackela	300.00	
Mrs. Wilhelmenia Marjama	180.00	
Gust Myllimaki, Est.	180.00	
Mrs. Rose Bertucci	180.00	
Mrs. Cecelia Brandt	144.00	
Mrs. Matilda Carlson	180.00	
Mrs. Henry Hill	180.00	
Mrs. Henry Karkkainen	180.00	
Mrs. Kate Tuomela	160.00	
Mrs. John Rantala	<u>145.00</u>	
		<u>1829.00</u>
		\$ 3719.00

p. Cost of Living

We have continued sending out report blanks on the 15th of each month to various retail dealers in our different communities upon which are reported the prices of the different commodities considered by the United States Government in computing the Cost of Living.

In accordance with instructions received from the Cleveland Office we have not regularly computed the Cost of Living here as we did formerly.

It is very desirable that the storekeepers continue to give us these prices so that they will understand that we are examining these prices, which has a tendency to keep prices within reason.

q. Improvement Work

Mr. Warren H. Maming made two visits to this District during the year, the first on May 5th to 8th and the second September 27 to Oct. 1.

His inspections covered all properties of the Mining Department in Ishpeming, Negaunee and Gwinn Districts and the Railroad and Furnace Departments at Marquette.

Julien Payen looked after all of the work during the season and the use of the Ford Truck enabled him to give the work careful supervision.

PENSION DEPT.ANNUAL REPORTYEAR 1927

23.

q. Improvement Work (continued)

The statement following shows cost for the year at the different locations:

	#1 Regular Labor	#2 Regular Materials	#3 New Con- struction Labor	#4 New con- struction Materials	#5 W. H. Man- ning's Services	#6 J. Payen & Expenses	Total Charges
Athens Mine	\$579.04	10.01			30.00	17.37	636.42
Barn Street	20.00	1.85					21.85
Barn & Culberts	69.55	15.82			11.00	7.26	103.63
Central Office	135.75	10.04			15.00	21.05	181.84
Cleveland Field & Hill Side Farm	81.15	36.84				1.28	119.27
Cliffs Cottage	1619.08	95.69			75.00	84.21	1873/98
Cl. Cottage Grove	139.05	27.88					166.93
Cl. Shaft Mine	497.80	18.72	190.69		15.00	12.75	734.96
E. L. Derby	59.40	19.98			6.00	6.26	91.64
Division Street	46.55	38.13					84.68
M. M. Duncan	512.05	55.83			20.00	4.88	592.76
L. Eaton-Res. Grds.	38.60	8.97			6.00	.99	54.56
Eaton's Alley	27.30	52.94					80.24
S. R. Elliott	20.75	4.22			15.00	6.97	46.94
Gwinn Dist. Of.	255.01	4.06					259.07
Gwinn Townsite	22.26	.58					22.84
Holmes Mine	609.90	53.13			40.00	13.75	716.78
Ishpeming Hosp. (2)	1165.85	155.38			81.00	53.83	1456.06
G. R. Jackson	129.20					1.29	130.49
Jasper Street	29.55	21.64					51.19
Maas Mine	715.97	60.37	1048.43 (1)		30.00	23.14	1877.91
Machine Shop	154.85	30.48			8.50	4.63	198.46
O. D. McClure	109.25	46.55				7.54	163.34
Mechanical Office	153.90	32.32			15.00	6.93	208.15
Mine Pits	105.95	33.33					139.28
Morris-Lloyd Mine	221.26	7.52	19.37		15.00	14.13	277.28
Negaunee Mine	498.69	49.79			30.00	16.12	594.60
Nebraska Location	6.65						6.65
North Lake Location	113.01	2.10			30.00	4.96	150.07
North Lake Club (no charge shown on cost sheet)					---	--	---
C. J. Stakel		10.89			15.00	8.55	34.44
Seventh Street	77.90	52.37			4.00		134.27
C. J. Shaddick	13.94				6.00	.64	20.58
Storehouse & Blk. Sh.	111.65	89.47			6.50	3.05	210.67
A. J. Yungbluth	18.98				6.00	.32	25.30
Hoist Dam					120.00		120.00
TOTALS	8359.84	1046.90	1258.49	----	(3) 600.00	321.90	11587.13

(1) - Covers cost of building New Road from New Location to Maas Mine.

(2) - Covers period from Jan. to Oct. 1927 Inclusive. Nov. &amp; Dec. Hospital cost sheet not yet received from Cleveland Office and therefore could not include those two months in this statement.

(3) - Bill for Mr. Manning's services for the last quarter not received in time to be put in 1927 accounts.

PENSION DEPT.

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YEAR 1927

23.

r. Prize Premises

The plan of offering prizes for the Best Kept Premises and Gardens introduced by Mr. Mather in 1894 was continued in 1927 with the most satisfactory results.

This plan has served to keep the home grounds throughout the city up to a very high standard and has been helpful in many ways.

The following is the distribution of prizes made just before Christmas, with a personal letter to each prize winner:

	<u>Best Kept Premises</u>	<u>Vegetable Gardens</u>	<u>School Gardens</u>	<u>Total Prizes</u>
Ishpeming	\$ 100.00	100.00	72.50	\$ 272.50
North Lake	50.00	50.00		100.00
Negaunee	50.00	50.00		100.00
Republic	50.00	50.00		100.00
Gwinn	50.00	50.00		100.00
Iron River	12.50	12.50		25.00
	<u>312.50</u>	<u>312.50</u>	<u>72.50</u>	<u>\$ 697.50</u>

s. Community Service Work

The Legion Building in Ishpeming and the Y. M. C. A. is serving the community very well as places for meeting of various organizations.

The Legion Building in Negaunee, the former Pellow home, was equipped and opened early in the year and has proved of great value to Negaunee.

It has served a very useful purpose there and has been continually used by the members and the associate members.

The providing and furnishing of this building has had a very fine effect.

t. Clubs

The Mining Club continued its meetings through the winter months and had a picnic at Ross Lake in August.

The Power Club held several meetings during the year.

These gatherings are very beneficial in bringing the men together in a social way.

u. Outdoor Sports

This Department assisted in the Annual Ski Tournament which was held on February 22 at the new hill near the Cliffs Drive.

The weather conditions were not ideal for the riders as the snow was soft but one of the best for the spectators and the jumping was very good.

The Gold, Silver and Bronze Medals were highly prized by the Marquette County winners.



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v. General Matters

THEODORE KIURU

We have assisted in the matter of Government Adjusted Compensation in the case of Theodore Kiuru, one of the young men lost in the Barnes-Hecker accident.

This work was undertaken by James Flaa of the American Legion, by correspondence with Frank James at Washington in favor of the father who was dependent upon his son to some extent.

The matter has been arranged for by the Government Department and the father will receive this money monthly beginning in January.

LENA TURNGREN

We had purchased a property of this woman in Negaunee paying the amount to her in monthly installments. She died in 1927, leaving something over \$100.00 due her.

There were two matters of indebtedness and arrangements were made with Judge Potter of the Probate Court to look after the payment of the funeral expenses and the woman who took care of Mrs. Turngren without putting the case through the Probate Court, this saving some money for these people.

We secured a reduction in the amount of bills and settled with them for the amount of funds available.

JOHN HARRIS

This boy is the son of George Harris, employed at the Holmes Mine. He was badly crippled, one leg being 1½" shorter than the other. We arranged to have him sent to the Shrine Hospital at Minneapolis and he has had a very remarkable improvement.

The back has straightened up and the leg is now practically of the length of the other and he walks to school and is getting along very well.

w. Various Departments

Throughout the year this department has co-operated with the other departments and frequent visits have been made, especially in matters of compensation and general welfare.

We have administered the estate of Charles Gregg, a former employe of the Lumbering Department and who was being paid compensation. He died at Ann Arbor from causes having no close relation to this accident and having no dependents, the compensation ceased. He had sufficient funds in the bank to pay for the funeral expenses and nearly enough for the payment of his debts.

We have looked after Martin White, an old employe of the Railroad Department. We arranged with his sons for his care at the Ishpeming Hospital, and later for his transfer to St. Mary's Hospital at Marquette.

With Mr. Manning we visited the Furnace and Railroad properties and Julien Payen has looked after considerable of their improvement work.

Owing to press of work at this time, not all of the reports have been received, but will be attached to this report if received in time.

PENSION DEPT.

ANNUAL REPORT

YEAR 1927

25.

u. Various Departments

STATEMENT OF EXPENSES OF PENSION DEPARTMENT  
FOR FIVE YEAR PERIOD FROM JANUARY 1ST, 1923 TO DECEMBER 31ST, 1927

ACCT. NO.	1923	1924	1925	1926	1927
A-1 Salaries of Superintendent of Pension Department and assistants	9168 29	9240 40	9348 00	9689 55	9578 00
B Prizes to tenants and employees for Best Kept Premises, Gardens, Etc.	690 00	970 00	781 43	732 35	697 50
C All expenses of Supt. of Pension Dept. including travelling expenses & Livery	576 75	355 00	444 26	372 34	508 38
D Salary and expenses of Visiting Nurse - Ishpeming	2790 61	2301 50	2400 94	2174 45	2226 41
Rest Cottage - Deer Lake	625 80	744 51	653 10	744 98	833 73
Salary and expenses of Visiting Nurse - Negaumee	2939 79	2650 04	2663 97	2350 47	2331 83
Salary and expenses of Visiting Nurse - Gwinn	2073 47	1966 71	1952 21	1866 83	406 98
Rest Camp - Bass Lake	385 60	401 80	361 60	386 60	
Our proportion of Visiting Nurse Expense - Iron River	63 48	159 00	190 95	291 92	221 57
E Apparatus, Express and Freight	23 64	65 73	20 42	8 26	13 27
F Miscellaneous Expense					
Books, cuts, magazines, papers, etc.	115 80	250 46	272 61	280 93	268 03
Incidental Expenses - Mining Department	58 00	21 58	64 77	7 20	287 70
Incidental Expenses - To Treasurer	50 42	57 50			4 25
Donations to Incapacitated Employees	2335 98	1855 00	2052 00	2338 00	2370 00
Membership in Associations	305 00	125 00	115 00	100 00	15 00
Other Donations	1722 48	1615 80	1663 64	1873 65	1778 73
Food Preparedness - Parcels of land used by Employees for Gardens	20 00	20 00			
Relief rendered during curtailment of forces at the Mines	1520 25	1957 73	3503 85	3987 88	5865 97
Installing New Bowling Alleys and Purchase of Pin Spotters		2939 87			
Land Improvement Work - Depreciation on Ford Truck				174 71	174 71
G Employees Clubs					
Bowling Alley and Club Work	187 16	277 68	498 60	46 26	57 48
Superintendents Lunches and Incidentals	96 11	79 05	183 64	79 00	70 12
Gwinn Club House	7619 48	6092 77	5761 09	5425 99	4371 91
Ishpeming Y M C A	2412 00	2412 00	2412 00	2412 00	5100 00
North Lake Club House	3286 93	3488 97	3180 35	3596 86	2637 05
Electric Power Club	126 02	52 63	52 40		
H Office Expense					
Stationery, Office Supplies and Expenses - To Treasurer	421 71	376 60	501 13	612 96	617 29
Stationery, Office Supplies and Expenses - Mining Department	76 85	42 29	25 74	94 38	43 22
Office Furniture and Equipment	110 84	170 22	44 60	23 37	39 00
Postage	192 96	193 80	179 80	189 75	262 40
	39997 42	40883 64	39328 10	39860 68	40780 53
DISTRIBUTION					
Mining Department	26044 13	28669 15	27679 68	29185 92	33311 61
Land Department	719 69	909 69	894 28	658 53	319 94
Furnace Department	1806 84	1517 77	1611 54	1480 39	1530 62
Lumbering Department	1348 21	1325 75	1067 70	856 42	839 47
Gwinn District Office Expense	10078 55	8461 28	8074 90	7679 42	4778 89
	39997 42	40883 64	39328 10	39860 68	40780 53

PENSION DEPT.ANNUAL REPORTYEAR 1927

23.

w. Various Departments (continued)RAILROAD DEPARTMENTCOMPARATIVE STATEMENT OF GENERAL WELFARE EXPENSEFOR THE YEARS 1923 to 1927 inclusive

<u>Donations:</u>	<u>1923</u>	<u>1924</u>	<u>1925</u>	<u>1926</u>	<u>1927</u>
Fire Department	\$ 35.00	35.00	35.00	40.00	45.00
Societies		35.00	10.00		
Celebrations	10.00	35.00			
Visiting Nurse-Marquette	120.00	120.00	120.00	180.00	60.00
Munising Hospital	600.00	600.00	600.00	600.00	
St. Luke's Hospital	400.00	400.00	400.00	400.00	400.00
To Employes and families	582.00	540.00	540.00	540.00	840.00
Pensions	<u>558.00</u>	<u>486.00</u>	<u>432.00</u>	<u>432.00</u>	<u>432.00</u>
	2305.00	2251.00	2137.00	2192.00	1777.00
 <u>Compensation</u>					
Compensation paid	5126.53	3501.46	3798.47	3969.01	1590.36
Medical Expense	1737.42	1611.98	858.60	972.68	1019.29
Percentage of payrolls	.0056	.0037	.0045	.0042	.0018

PENSION DEPT.ANNUAL REPORTYEAR 1927

23.

w. Various Departments (continued)

PIONEER IRON COMPANY-FURNACE DEPT.  
COMPARATIVE STATEMENT OF GENERAL WELFARE EXPENSE  
 YEARS - 1923, 1924, 1925, 1926, 1927

	<u>1923</u>	<u>1924</u>	<u>1925</u>	<u>1926</u>	<u>1927</u>
<u>General Welfare Acct. #11</u>					
A-2 Prop.Charged by Treas.	1806.84	1517.77	1613.32	1551.71	1965.43*
B Prizes to tenants			100.00		
C Visiting Nurse	300.00	300.00	300.00		
Community Chest				375.00	375.00
<u>Boarding House</u>					
Total cost of operation	(2375.64)				
Net Loss or gain	299.64		Not operating		
<u>Donations</u>					
Salvation Army	25.00	25.00	25.00		
Fire Department	10.00	10.00	10.00	10.00	10.00
Societies	90.00	20.00	10.00	10.00	
Celebrations		4.50			
Persons (Mrs. Orhonen & Mrs. Cameron)			220.00	370.00	600.00
House Rents		37.50	7.50	90.00	90.00
<u>Institutions</u>					
St. Luke's Hospital	400.00	400.00	400.00	400.00	400.00
Red Cross		25.00			
Tubercular Stamps		10.00			
	<u>2332.20</u>	<u>2349.77</u>	<u>2685.82</u>	<u>2806.71</u>	<u>          </u>
<u>Pensions paid</u>	<u>1179.38</u>	<u>2085.82</u>	<u>2833.39</u>	<u>5351.35</u>	<u>4819.73</u>
<b>TOTAL</b>	<b>3511.58</b>	<b>4435.59</b>	<b>5519.21</b>	<b>8158.06</b>	
<u>Safety Work</u>					
Charges for work and equipment	30.24	198.16	64.68	78.40	69.70
<u>Compensation</u>					
Medical & hospital expense	910.45	1615.83	1598.33	1400.36	1327.29
Compensation paid	12597.30	5779.66	2407.65	3267.50	3032.93
<u>Compensation payments- Percentage of payrolls</u>					
Marquette Plant	.0114	.01369	.007962	.006440	.006389
Gladstone Plant	.0405				

\*-Up to and including November -- 11 months.

PENSION DEPT.ANNUAL REPORTYEAR 1927

23.

w. Various Departments (continued)LUMBERING DEPARTMENTCOMPARATIVE STATEMENT OF GENERAL WELFARE EXPENSEFOR THE YEARS 1923 to 1927 INCLUSIVE

	<u>1923</u>	<u>1924</u>	<u>1925</u>	<u>1926</u>	<u>1927</u>
General Welfare Acct.#11					
Prop. chgd. by Treas. \$	1348.21	1325.75	1067.70	852.62	844.64
General Welfare					
Miscellaneous	10.00				
<u>Donations:</u>					
Various Societies	55.00	5.00	5.00	10.00	5.00
Red Cross	5.00		10.00		10.00
Persons	62.04				
Munising Hospital	<u>1500.00</u>	<u>1000.00</u>	<u>2500.00</u>		
	2980.25	2330.75	3582.70	862.62	859.64
Safety Work:					
Equipment	41.20				
Supplies	56.00	55.43	68.98	36.04	37.85
	<u>1923</u>	<u>1924</u>	<u>1925</u>	<u>1926</u>	<u>1927</u>
<u>Compensation:</u>					
Medical and Hospital	9682.36	7191.13	5703.65	4772.05	7901.30
Compensation payments	6958.69	8044.84	14462.11	2572.42	4497.05
Percentage of payrolls	.0257	.0272	.0533	.02240	.04035

PENSION DEPT.ANNUAL REPORTYEAR 1927

23.

w. Various Departments (continued)LAND DEPARTMENTCOMPARATIVE STATEMENT OF GENERAL WELFARE EXPENSEFOR THE YEARS 1923 to 1927 INCLUSIVE

<u>General Welfare Acc. #11</u>	<u>1923</u>	<u>1924</u>	<u>1925</u>	<u>1926</u>	<u>1927</u>
A-2 Prop. Charged by Treas.	719.69	909.69	894.28	668.00	573.58
11-F Miscellaneous Expense				1176.56	890.69
	719.69	909.69	894.28	1844.56	1464.27
<u>Donations</u>					
Fire Department	10.00	20.00	10.00	10.00	10.00
Munising Hospital	2000.00	2000.00	1000.00	1000.00	
Munising Y-Alger Co. Club		75.00	300.00	300.00	
Munising City Band			10.00		
Am. Red Cross		15.00			
Munising Baseball Club	75.00	50.00	50.00		9.75
Munising Fire Department		10.00	10.00	160.00	10.00
U.P. Development Bureau	750.00	562.50	937.50	750.00	750.00
Munising 4th of July Celebration	25.00	25.00		25.00	
John Ripley					5.00
Totals	3579.69	3667.19	3211.78	4089.56	2249.02

Safety Work:-

Charges for work and Equipment

Compensation

a. funeral expense					
d. legal expense				17.13	.55
g. medical expense	991.14	1415.70	915.45	762.60	668.84
h. compensation payments	1190.20	3199.19	2041.76	2537.69	2169.84
l. monthly payments to doctors	29.90	31.20	30.40	28.00	35.30
Compensation payments percentage of payrolls	.004084	.01464	.00735	.01217	.02185



