

PITTSBURGH PLATE GLASS COMPANY



February 14, 1957

GENERAL OFFICES
ONE GATEWAY CENTER PITTSBURGH 22 PA

SAFETY DEPARTMENT

ANNUAL REPORT

1956

The annual report for the year 1956 covers the following operations:

Plants of Pittsburgh Plate Glass Company in the United States;
Plants of Columbia-Southern Chemical Corporation;
Plants of Pittsburgh Corning Corporation.

Three units were added to our report during the year, namely:

Barreled Sunlight Paint Division, Providence, Rhode Island -
Record shown for full year.

Standard Chemical Limited, Columbia-Southern Chemical Corporation,
Beauharnois, Canada - Record shown for full year.

Works No. 7, Glass Division (Plate), Cumberland, Maryland -
Record shown for six months.

We now have fifty units included in this report.

YEARLY RECORD

Frequency Rate (number of disabling injuries per million hours
exposure) - 6.0

Severity Rate (number of days lost per million hours exposure)
- 576

Comparison of Company records for the year 1956 with 1955:

6% Increase in Hours Worked (52,946,664 hours is a new high figure
for number of hours worked in a calendar year)

13% Increase in Frequency Rate of Injuries

21% Increase in Severity Rate

SL 103802

Even though the Frequency Rate 6.0 is the second lowest rate in the Company's history, nevertheless, it is an increase over last year and shows a reversal of our trend downward.

The Severity Rate likewise shows an increase over 1955. Three fatalities marred our record and the penalty days (18,000) assessed greatly affected the Severity Rate.

The Cement Division showed a reduction in Frequency Rate while the other divisions recorded increases. From the Severity Rate standpoint, Cement, Brush, Glass and Paint Divisions recorded decreases and the other divisions increases.

Eleven organizations completed the calendar year without a disabling injury and will be awarded the Company's "Certificate of Honor." Our congratulations to these organizations.

Portland Paint Plant - Completed fourth consecutive year
Springdale Paint Plant - Completed third consecutive year
Paint Research Center - Completed second consecutive year
Creighton Coal Works - Completed first no-accident year
Works No. 3, Creighton, Pa. - Completed first no-accident year
Works No. 2, Ford City, Pa. - Completed first no-accident year
Zanesville Cement Plant - Completed first no-accident year
Forbes Finishes Division - Completed first no-accident year
Houston Paint Plant - Completed first no-accident year
Lake Charles Chemical Plant - Completed first no-accident year
Standard Chemical Limited - Completed first no-accident year

Thirteen additional organizations had Frequency Rates lower than the Company's rate for 1956 and these organizations will be awarded the Company's "Certificate of Merit" in recognition of their achievements.

Works No. 1, Glass Plant - Creighton, Pennsylvania
Glass Division Research Laboratories - Creighton, Pennsylvania
Works No. 4, Glass Plant - Ford City, Pennsylvania
Works No. 6, Glass Plant - Ford City, Pennsylvania
Works No. 9, Glass Plant - Crystal City, Missouri
Works No. 19, Pittco Metal Plant - Kokomo, Indiana
Pittsburgh Corning Corporation - Port Allegany, Pennsylvania
Baltimore Brush Plant - Baltimore, Maryland
Atlanta Paint Plant - East Point, Georgia
Ditzler Color Division - Detroit, Michigan
Milwaukee Paint Plant - Milwaukee, Wisconsin
Torrance Paint Plant - Torrance, California
Columbia-Southern Chemical Plant - New Martinsville, West Virginia

The Company's Severity Rate, not including penalty days assessed for three fatal injuries, is 237. Thirty-two organizations had rates lower than the Company's rate for 1956.

Besides the eleven organizations with clear records for the year, twelve others recorded reductions in Frequency Rate and nine reductions in Severity Rate in comparison with their individual records for 1955.

Three employees were fatally injured during the year. One, a coal loader in the Midvale Coal Mine, was crushed between the loader and the coal rib. The second, a blaster in the Barberton Limestone Mine, fell from working platform on top of a truck,

a distance of 9½ feet to floor of mine sustaining a fractured skull. The third, an employee of the Paint Division, Pittsburgh Office, was fatally injured when his automobile which he was driving went off the highway and struck a bridge abutment. In compliance with the American Standards Association Code and the National Safety Council, we are assessed a penalty of 6,000 days for each fatality, resulting in 18,000 days being charged to our record.

Eleven injuries resulted in partial permanent disabilities. Nine were amputations of parts of fingers. One was amputation of toes and one was loss of vision in one eye. For these injuries we were assessed a total of 3,310 days.

An analysis of the disabling injuries shows that "Sprains and Strains" again lead the list with 21%, of which so-called "Back Sprains" accounted for 53% - "Struck by Object" 17% - "Falls" 15%, of which Falls to Lower Level caused 63% - "Caught Between Objects" 15% - "Struck by or Struck Against Glass" 10% - "Burns" 8% - "Struck Against Objects" 7% - Miscellaneous 7%.

Approximately 31% of the disabling injuries occurred to employees under 30 years of age - 47% to employees between 30 and 50 years of age. From the Length of Service standpoint, 64% occurred to employees with 10 years or less service, 24% to employees with 10 to 20 years of service. This shows that safety training for all employees must be continuous - that safety induction of new employees must be followed by on-the-job training, and where employees move from one job to another, the job induction and training must be repeated.

The pre-employment physical examination program is continuing in all organizations. Recheck examinations are made of employees absent for a specified number of days account of non-occupational illness or injury.

Special examinations are required periodically for employees engaged in operations where they are exposed to a toxic hazard. The yearly physical and x-ray examinations of employees, exposed to silica dust, in the Glass Division is continuing. Likewise, we are continuing the aluminum dust therapy treatments for a number of employees in the Ford City and Creighton Plants. Some 134 employees received this course of treatment in 1956, which totalled approximately 4,115 individual treatments.

In the Columbia-Southern Chemical Plants, various types of physical checks are made of employees according to occupation. For some, blood checks are made monthly. For others, x-ray examinations of chest yearly, or when requested by medical advisor. This program will continue and will be expanded.

In the Paint Division routine check examinations are made of employees exposed to lead and other toxic or poisonous materials. This program is continuing and will be expanded as conditions warrant.

In order to maintain control of working conditions in operations or areas where toxic fumes, vapors or dusts create an exposure to workers, special surveys have been made by the Industrial Hygiene Foundation in plants of the Glass Division and the Columbia-Southern Chemical Corporation to determine extent of exposure and to make recommendations where conditions are not found satisfactory. We have arranged for and participated in these surveys and conferences. We follow up on suggestions or recommendations made to eliminate or control exposures. Studies on some specific exposures are continuing at this time.

It is a pleasure to state that in most organizations housekeeping conditions have improved. Good housekeeping is a major factor in accident prevention and fire prevention. It is of prime importance in personnel and public relations and

in upgrading employee morale. Regular housekeeping inspection and follow up programs are maintaining good conditions in many of our plants.

Our fire prevention campaign has been carried on throughout the year. All plants are well equipped with fire fighting equipment. Personnel are being trained in the use and effectiveness of this equipment. Through fire drills and demonstrations our fire brigades are, in most plants, well trained so they can function efficiently in times of emergency. Cooperation between plant brigades and local municipal or volunteer fire departments is excellent.

Our department checks on the monthly inspection reports and brigade training drills from each unit. On plant visits we make a detailed checkup on brigade training and organization, and follow up on suggestions or recommendations made by fire insurance inspectors.

Our fire record for 1956 is an improvement over 1955. However, our efforts must be continuous and our activities increased in order to eliminate the possibility of fires occurring in any plant.

Emergency or Disaster Control Programs have been installed in the plants of the Columbia-Southern Chemical Corporation. Emergency test drills have been conducted in many instances and evacuation of departments and plants has been effected. All organizations should be able to cope with emergencies due to floods, fires, tornadoes, etc. We cannot depend on public assistance during such periods and consequently, a well trained Emergency Control organization can make the individual plant self-reliant during such times.

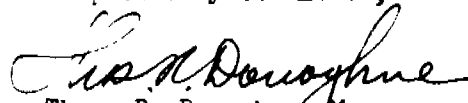
The Safe Driving Campaign was carried on throughout the year in all plants and in the Merchandising Division. A separate report will be issued when all reports from the various units are received and tabulated.

As stated previously, the Company's industrial injury record was not as good in 1956 as for the previous year. However, many of the individual organizations achieved outstanding records. Our interest in preventing injuries must be paramount. We must reverse the trend of the past year. This can only be accomplished through the interest and efforts of local management in reducing injuries to a minimum.

What we have accomplished in the past should be a stimulus to greater effort during the present year. A live and progressive program for safety and fire prevention should bring results.

It has been a privilege and a pleasure working with all organizations during the past year. Your interest and cooperation in our safety and fire prevention activities have stimulated us to greater effort. We wish to extend our sincere thanks and appreciation to each organization for this wonderful cooperation. Our efforts will be expended in assisting you in any way possible. Through our mutual efforts we can make 1957 a safer year.

Respectfully submitted,


Thos. R. Donoghue, Manager
Safety and Plant Protection

TRD/kb
Attachments

SL 103805

PITTSBURGH PLATE GLASS COMPANY

Industrial Injury Report

Y E A R - 1 9 5 6

FREQUENCY

	<u>MAN HOURS</u>	<u>LOST TIME INJURIES</u>		<u>FREQUENCY</u>		<u>FREQUENCY COMPARISON</u>
		<u>1955</u>	<u>1956</u>	<u>1955</u>	<u>1956</u>	
<u>PGH. PLATE GLASS CO.</u>	52,946,664	263	320	5.3	6.0	13% increase
Cement Division	759,532	1	-	1.3	-	100% decrease
General Office	1,944,866	3	2	1.7	1.0	41% decrease
Glass Division	33,248,348	166	177	5.2	5.3	2% increase
Paint Division	5,986,953	27	34	4.5	5.7	27% increase
Col.-So. (Chem.)	9,651,541	45	75	5.5	7.8	42% increase
Brush Division	991,729	6	11	6.6	11.1	68% increase
Col.-So. (Coal)	363,695	15	21	39.9	57.7	45% increase

SEVERITY

	<u>MAN HOURS</u>	<u>DAYS LOST</u>		<u>SEVERITY</u>		<u>SEVERITY COMPARISON</u>
		<u>1955</u>	<u>1956</u>	<u>1955</u>	<u>1956</u>	
<u>PGH. PLATE GLASS CO.</u>	52,946,664	23,816	30,523	477	576	21% increase
Cement Division	759,532	271	-	364	-	100% decrease
Paint Division	5,986,953	6,774	659	1,132	110	90% decrease
Glass Division	33,248,348	14,314	8,449	448	254	43% decrease
Brush Division	991,729	405	384	442	387	12% decrease
Col.-So. (Chem.)	9,651,541	1,392	8,033	169	832	392% increase
General Office	1,944,866	117	6,002	67	3,086	4506% increase
Col.-So. (Coal)	363,695	543	6,996	1,446	19,236	1230% increase

COMPARATIVE REPORT FIVE PREVIOUS YEARS

	<u>MAN HOURS</u>	<u>LOST TIME INJURIES</u>	<u>FREQUENCY RATING</u>	<u>DAYS LOST</u>	<u>SEVERITY RATING</u>
1955	49,947,726	263	5.3	23,816	477
1954	46,705,951	310	6.6	29,252	626
1953	50,005,124	368	7.4	24,497	490
1952	47,486,768	298	6.3	45,141	951
1951	48,930,006	319	6.5	42,784	874

FREQUENCY RATESEVERITY RATE

Average Rate Previous Five Years
Rate for 1956

6.4
6.0

681
576

SL 103806

COLUMBIA-SOUTHERN CHEMICAL CORPORATION

Industrial Injury Report

Y E A R - 1 9 5 6

	MAN HOURS	LOST TIME INJURIES		FREQUENCY		FREQUENCY COMPARISON
		1955	1956	1955	1956	
<u>COL.-SO. CHEM. CORP.</u>	9,651,541	45	75	5.5	7.8	42% increase
Lake Charles	978,193	2	-	2.1	-	100% decrease
Standard Chemical	250,602	-	-	-	-	No Comparison
Natrium	1,922,726	2	10	1.2	5.2	33% increase
Corpus Christi	1,618,784	6	10	3.8	6.2	63% increase
Barberton	3,739,742	15	23	4.9	6.2	27% increase
Barberton Mine	598,995	1	8	2.1	13.4	538% increase
Jersey City	418,256	15	18	39.2	43.0	10% increase
Bartlett	124,243	4	6	31.2	48.3	55% increase
<u>COAL DIVISION</u>	363,695	15	21	39.9	57.7	45% increase
Midvale	363,695	15	21	39.9	57.7	45% increase

	MAN HOURS	DAYS LOST		SEVERITY		SEVERITY COMPARISON
		1955	1956	1955	1956	
<u>COL.-SO. CHEM. CORP.</u>	9,651,541	1,392	8,033	169	832	392% increase
Lake Charles	978,193	101	-	107	-	100% decrease
Standard Chemical	250,602	-	-	-	-	No Comparison
Natrium	1,922,726	32	201	19	105	450% increase
Corpus Christi	1,618,784	134	278	85	172	103% increase
Barberton	3,739,742	664	814	217	218	1% increase
Bartlett	124,243	28	57	218	459	111% increase
Jersey City	418,256	233	298	609	712	17% increase
Barberton Mine	598,995	200	6,385	415	10,660	2469% increase
<u>COAL DIVISION</u>	363,695	543	6,996	1,446	19,236	1230% increase
Midvale	363,695	543	6,996	1,446	19,236	1230% increase

SL 103807

PITTSBURGH PLATE GLASS COMPANY

Industrial Injury Report

Divisional

Y E A R - 1 9 5 6

	<u>MAN HOURS</u>	<u>LOST TIME INJURIES</u>		<u>FREQUENCY</u>		<u>FREQUENCY</u>
		<u>1955</u>	<u>1956</u>	<u>1955</u>	<u>1956</u>	<u>COMPARISON</u>
<u>CEMENT DIVISION</u>	759,532	1	-	1.3	-	100% decrease
Zanesville	759,532	1	-	1.3	-	100% decrease

	<u>MAN HOURS</u>	<u>DAYS LOST</u>		<u>SEVERITY</u>		<u>SEVERITY</u>
		<u>1955</u>	<u>1956</u>	<u>1955</u>	<u>1956</u>	<u>COMPARISON</u>
<u>CEMENT DIVISION</u>	759,532	271	-	364	-	100% decrease
Zanesville	759,532	271	-	364	-	100% decrease

DIVISIONAL - Y E A R - 1 9 5 6

	MAN HOURS	LOST TIME INJURIES		FREQUENCY		FREQUENCY COMPARISON
		1955	1956	1955	1956	
<u>GLASS DIVISION</u>	33,248,348	166	177	5.2	5.3	2% increase
Works #3	584,072	2	-	3.7	-	100% decrease
Works #2	460,677	1	-	2.2	-	100% decrease
Creighton Coalworks	67,173	3	-	41.1	-	100% decrease
Glass Research	645,972	-	1	-	1.5	100% increase
Works #19	382,867	1	2	2.6	5.2	100% increase
Works #25	626,504	2	5	7.8	8.0	3% increase
Works #21	225,700	4	3	15.7	13.3	15% decrease
Gas Department	103,635	1	2	10.2	19.3	89% increase
<u>PGH. CORNING CORP.</u>						
Port Allegany	1,260,591	6	4	5.2	3.2	39% decrease
Sedalia	662,126	11	6	21.7	9.1	58% decrease
Total	1,922,717	17	10	10.2	5.2	49% decrease
<u>PLATE GLASS</u>						
Works #6	1,830,160	-	2	-	1.1	100% increase
Works #1	7,850,009	27	13	3.4	1.7	50% decrease
Works #4	4,467,169	4	11	.9	2.5	178% increase
Works #9	5,879,121	21	30	3.5	5.1	46% increase
Works #7	253,419*	-	2	-	7.9	No Comparison
Total	20,279,878	52	58	2.6	2.9	12% increase
<u>WINDOW GLASS</u>						
Works #10	1,667,921	15	15	9.4	9.0	4% decrease
Works #12	2,526,200	19	24	7.8	9.5	22% increase
Works #11	2,122,688	26	21	12.7	9.9	22% decrease
Total	6,316,809	60	60	9.9	9.5	4% decrease
<u>FIBER GLASS</u>						
Works #50	954,460	11	8	12.4	8.4	32% decrease
Works #51	677,884	12	28	19.7	41.3	110% increase
Total	1,632,344	23	36	15.4	22.1	44% increase
	MAN HOURS	DAYS LOST		SEVERITY		SEVERITY COMPARISON
		1955	1956	1955	1956	
<u>GLASS DIVISION</u>	33,248,348	14,314	8,449	448	254	43% decrease
Works #3	584,072	39	-	71	-	100% decrease
Works #2	460,677	35	-	77	-	100% decrease
Creighton Coalworks	67,173	16	-	219	-	100% decrease
Glass Research	645,972	-	6	-	9	100% increase
Works #25	626,504	15	18	59	29	51% decrease
Works #21	225,700	5	10	20	44	120% increase
Works #19	382,867	22	53	57	138	142% increase
Gas Department	103,635	66	65	672	627	7% decrease
<u>PGH. CORNING CORP.</u>						
Port Allegany	1,260,591	83	124	72	98	36% increase
Sedalia	662,126	134	72	264	109	59% decrease
Total	1,922,717	217	196	131	102	22% decrease
<u>PLATE GLASS</u>						
Works #6	1,830,160	-	97	-	53	100% increase
Works #4	4,467,169	160	507	37	114	208% increase
Works #7	253,419*	-	40	-	158	No Comparison
Works #9	5,879,121	631	1,605	104	273	163% increase
Works #1	7,850,009	10,747	2,244	1,350	286	79% decrease
Total	20,279,878	11,538	4,493	57	222	290% increase
<u>WINDOW GLASS</u>						
Works #12	2,526,200	542	855	222	338	52% increase
Works #10	1,667,921	303	610	191	366	92% increase
Works #11	2,122,688	813	1,026	396	480	21% increase
Total	6,316,809	1,658	2,491	272	394	45% increase
<u>FIBER GLASS</u>						
Works #50	954,460	291	413	327	433	32% increase
Works #51	677,884	412	704	676	1,037	53% increase
Total	1,632,344	703	1,117	470	684	45% increase

*Incomplete

PITTSBURGH PLATE GLASS COMPANY

Industrial Injury Report

Divisional

Y E A R - 1 9 5 6

	MAN HOURS	LOST TIME INJURIES		FREQUENCY		FREQUENCY COMPARISON
		1955	1956	1955	1956	
<u>PAINT DIVISION</u>	5,986,953	27	34	4.5	5.7	27% increase
Springdale	571,884	-	-	-	-	Same as 1955
Forbes	399,342	2	-	4.6	-	100% decrease
Houston	278,120	3	-	10.6	-	100% decrease
Ditzler Sales	226,752	-	-	-	-	Same as 1955
Paint Research	207,254	-	-	-	-	Same as 1955
Portland	97,053	-	-	-	-	Same as 1955
Ditzler	884,756	1	2	.9	2.3	156% increase
Milwaukee	1,056,375	1	3	.9	2.8	210% increase
Atlanta	207,453	-	1	-	4.8	100% increase
Torrance	404,204	-	2	-	4.9	100% increase
Thresher	156,348	4	1	26.7	6.4	76% decrease
Red Wing	185,531	2	2	10.7	10.8	1% increase
Newark	765,037	8	12	10.7	15.7	47% increase
Suydam	251,299	1	4	4.1	15.9	288% increase
Moorestown	180,162	5	4	26.1	22.2	15% decrease
Providence	115,383		3		26.0	No Comparison

	MAN HOURS	DAYS LOST		SEVERITY		SEVERITY COMPARISON
		1955	1956	1955	1956	
<u>PAINT DIVISION</u>	5,986,953	6,774	659	1,132	110	90% decrease
Springdale	571,884	-	-	-	-	Same as 1955
Forbes	399,342	7	-	16	-	100% decrease
Houston	278,120	239	-	846	-	100% decrease
Ditzler Sales	226,752	-	-	-	-	Same as 1955
Paint Research	207,254	-	-	-	-	Same as 1955
Portland	97,053	-	-	-	-	Same as 1955
Torrance	404,204	-	5	-	12	100% increase
Ditzler	884,756	118	13	111	15	86% decrease
Atlanta	207,453	-	4	-	19	100% increase
Moorestown	180,162	195	7	1,019	39	96% decrease
Red Wing	185,531	15	11	80	59	26% decrease
Milwaukee	1,056,375	34	138	31	131	322% increase
Suydam	251,299	4	44	16	175	1000% increase
Thresher	156,348	9	57	60	365	508% increase
Newark	765,037	6,153	290	8,229	379	96% decrease
Providence	115,383		90		780	No Comparison

SL 103810

PITTSBURGH PLATE GLASS COMPANY

Industrial Injury Report

Divisional

Y E A R - 1 9 5 6

	<u>MAN HOURS</u>	<u>LOST TIME INJURIES</u>		<u>FREQUENCY</u>		<u>FREQUENCY</u>
		<u>1955</u>	<u>1956</u>	<u>1955</u>	<u>1956</u>	<u>COMPARISON</u>
<u>BRUSH DIVISION</u>	991,729	6	11	6.6	11.1	68% increase
Baltimore	681,576	1	1	1.6	1.5	6% decrease
Moreck	104,140	-	1	-	9.6	100% increase
Keene	206,013	5	9	30.7	43.7	42% increase

	<u>MAN HOURS</u>	<u>DAYS LOST</u>		<u>SEVERITY</u>		<u>SEVERITY</u>
		<u>1955</u>	<u>1956</u>	<u>1955</u>	<u>1956</u>	<u>COMPARISON</u>
<u>BRUSH DIVISION</u>	991,729	405	384	442	387	12% decrease
Moreck	104,140	-	8	-	77	100% increase
Baltimore	681,576	30	150	46	220	378% increase
Keene	206,013	375	226	2,302	1,097	52% decrease

SL 103811

COMPARATIVE REPORT

Y E A R - 1 9 5 6

Y E A R - 1 9 5 6					SEVERITY	SEVERITY
WORKS	MAN HOURS	LOST TIME CASES 1955	1956	DAYS LOST	RATE PER 1,000,000 HRS.	COMPARISON WITH 1955
GROUP "A"						
Works #6	1,830,160	-	2	97	53	100% increase
Port Allegany	1,260,591	6	4	124	98	36% increase
Natrium	1,922,726	2	10	201	105	450% increase
Works #4	4,467,169	4	11	507	114	208% increase
Milwaukee	1,056,375	1	3	138	131	322% increase
Corpus Christi	1,618,784	6	10	257	172	103% increase
Barberton	3,739,742	15	23	814	218	1/2% increase
Works #9	5,879,121	21	30	1,605	273	163% increase
Works #1	7,850,009	27	13	2,244	286	79% decrease
Works #12	2,526,200	19	24	855	338	52% increase
Works #10	1,667,921	15	15	610	366	92% increase
Works #11	2,122,688	26	21	1,026	480	21% increase
GROUP "B"						
Lake Charles	978,193	2	-	-	-	100% decrease
Zanesville	759,532	1	-	-	-	100% decrease
Works #3	584,072	2	-	-	-	100% decrease
Springdale	571,884	-	-	-	-	Same as 1955
Works #2	460,677	1	-	-	-	100% decrease
Forbes	399,342	2	-	-	-	100% decrease
Glass Research	645,972	-	1	6	9	100% increase
Torrance	404,204	-	2	5	12	100% increase
Ditzler	884,756	1	2	13	15	86% decrease
Works #25	626,504	2	5	18	29	51% decrease
Sedalia	662,126	11	6	72	109	59% decrease
Works #19	382,867	1	2	53	138	142% increase
Baltimore	681,576	1	1	150	220	378% increase
Newark	765,037	8	12	290	379	96% decrease
Works #50	954,460	11	8	413	433	32% increase
Jersey City	418,256	15	18	298	712	17% increase
Works #51	677,884	12	28	703	1,037	53% increase
Barberton Mine	598,995	1	8	6,385	10,660	2469% increase
Midvale	363,695	15	21	6,996	19,236	1230% increase
GROUP "C"						
Houston	278,120	3	-	-	-	100% decrease
Standard Chemical	250,602	-	-	-	-	No Comparison
Ditzler Sales	226,752	-	-	-	-	Same as 1955
Paint Research	207,254	-	-	-	-	Same as 1955
Portland	97,053	-	-	-	-	Same as 1955
Creighton Coalworks	67,173	3	-	-	-	100% decrease
Atlanta	207,453	-	1	4	19	100% increase
Moorestown	180,162	5	4	7	39	96% decrease
Works #21	225,700	4	3	10	44	120% increase
Red Wing	185,531	2	2	11	59	26% decrease
Moreck	104,140	-	1	8	77	100% increase
Works #7	253,419*	-	2	40	158	(6 months only)
Suydam	251,299	1	4	44	175	1000% increase
Thresher	156,348	4	1	57	365	508% increase
Bartlett	124,243	4	6	57	459	111% increase
Gas Department	103,635	1	2	65	627	7% decrease
Providence	115,383	-	3	90	780	No Comparison
Keene	206,013	5	9	226	1,097	52% decrease

*Incomplete

SL 103812

DISTRIBUTION
LOST TIME INJURIES
PERIODS OF DISABILITY

1956

NUMBER OF CASES CAUSING DISABILITY OF

PLANT	1 - 7 days	8 - 14 days	15 - 21 days	22 - 28 days	Over 28 days
Works #1	4	3	-	-	6
Creighton Coalwks.	-	-	-	-	-
Works #3	-	-	-	-	-
Glass Research	1	-	-	-	-
Works #4	-	1	2	2	6
Works #6	-	-	-	-	2
Works #2	-	-	-	-	-
Gas Department	-	-	-	1	1
Works #7	1	-	-	-	1
Works #9	2	4	2	5	17
Works #10	3	1	2	1	8
Works #11	8	3	-	2	8
Works #12	-	6	4	3	11
Works #19	-	-	1	-	1
Works #21	3	-	-	-	-
Works #25	5	-	-	-	-
Works #50	6	1	-	-	1
Works #51	11	6	3	3	5
Port Allegany	2	1	-	-	1
Sedalia	5	-	-	-	1
Atlanta	1	-	-	-	-
Baltimore	-	-	-	-	1
Barberton	2	3	5	5	8
Barberton Mine	1	1	-	-	6
Bartlett	4	1	-	1	-
Corpus Christi	3	3	2	-	2
Ditzler	1	1	-	-	-
Ditzler Sales	-	-	-	-	-
Forbes	-	-	-	-	-
Houston	-	-	-	-	-
Jersey City	4	6	3	2	3
Keene	2	4	2	-	1
Lake Charles	-	-	-	-	-
Midvale	6	5	-	5	5
Milwaukee	1	-	-	-	2
Mo restown	4	-	-	-	-
Morck	-	1	-	-	-
New Martinsville	6	1	1	-	2
Newark	2	4	3	2	1
Paint Research	-	-	-	-	-
Portland	-	-	-	-	-
Providence	1	1	-	-	1
Red Wing	2	-	-	-	-
Springdale	-	-	-	-	-
Standard Chemical	-	-	-	-	-
Suydam	2	1	-	1	-
Thresher	-	-	-	-	1
Torrance	2	-	-	-	-
Zanesville	-	-	-	-	-
General Office	<u>1</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>1</u>
TOTAL	96	58	30	33	103
Percent of Total	30%	18%	9%	11%	32%

SL 103813

1956

SUMMARY - LOST TIME INJURIES

CAUSES AND TYPES

STRAINS AND SPRAINS

66 - 21%

Back	35
Ankle	11
Knee	6
Groin	2
Leg	2
Chest	2
Hip	2
Thigh	1
Shoulder	1
Thumb	1
Wrist	1
Abdomen	1
Hands	1

STRUCK BY OBJECT

56 - 17%

FALLS

49 - 15%

Lower Level	31
Same Level	18

CAUGHT BETWEEN

48 - 15%

GLASS

33 - 10%

Struck By	25
Struck Against	8

BURNS

24 - 8%

Chemical	11
Thermal	9
Electrical	3
Welding	1

STRUCK OBJECT

23 - 7%

INFECTIONS

7 - 2%

EYE INJURIES

4 - 1%

O. D. CASES

3 - 1%

Dermatitis	2
Tendosynovitis	1

FATALITIES

3

PUNCTURES

2

HEAT EXHAUSTION

1

GAS CASE - Chlorine

1

3%

216

35
216

AGE GROUP

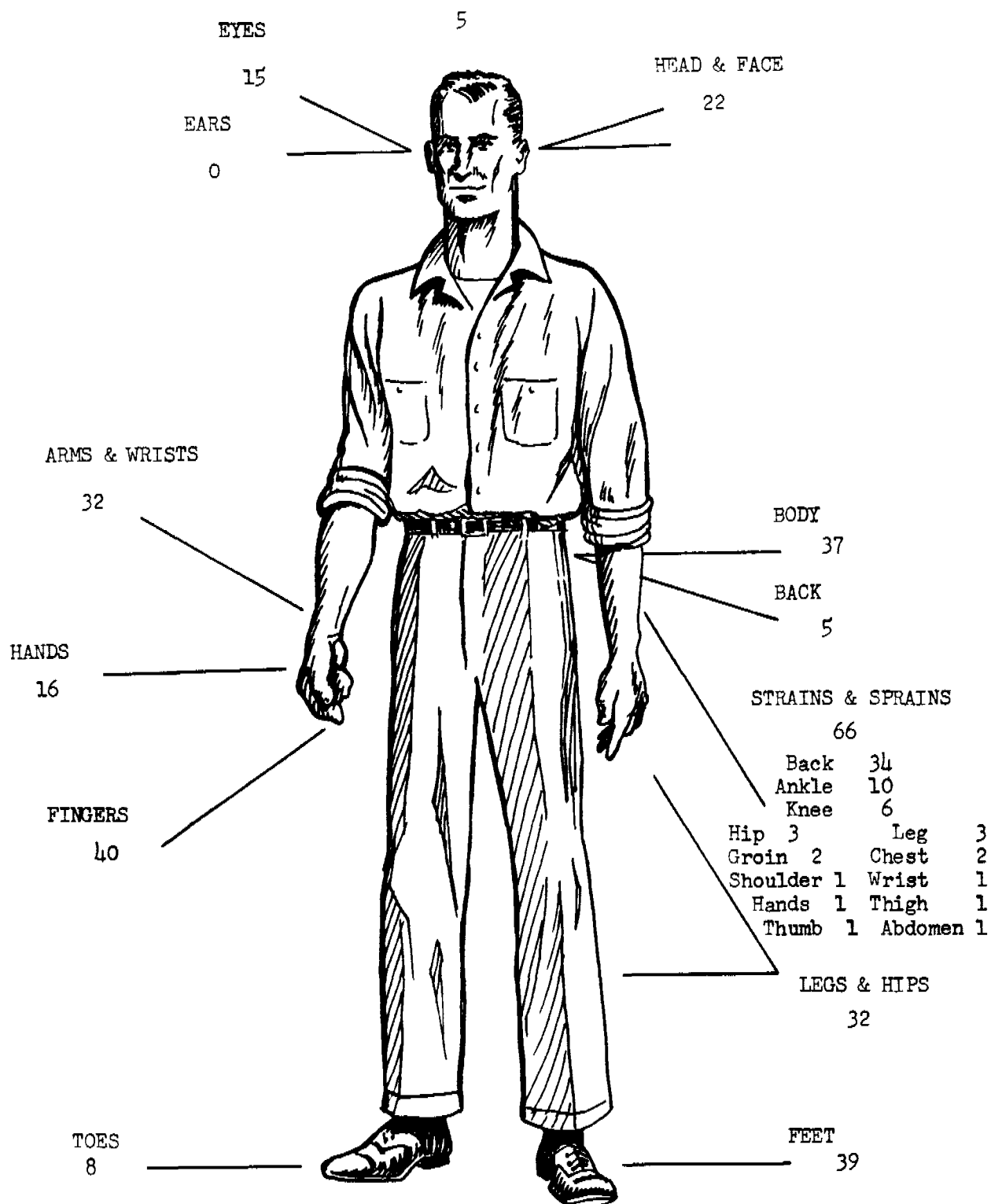
18 to 20 years old	12
20 to 25 years old	40
25 to 30 years old	48
30 to 40 years old	86
40 to 50 years old	64
50 to 60 years old	42
60 to 70 years old	26
70 to 80 years old	2

LENGTH OF SERVICE

Under 6 months	43
6 months to 1 year	26
1 year to 2 years	17
2 years	11
3 years	13
4 years	15
5 years	21
6 to 10 years	60
10 to 20 years	76
20 to 30 years	31
30 to 40 years	6
40 to 50 years	1

YEAR - 1956

GENERAL INJURIES
(Not specific)



FATALITIES - 3

SL 103815

HERNIA CASES - 1956

<u>PLANT</u>	<u>NUMBER OF CASES</u>	<u>DAYS LOST</u>
Works #1	4	172
Works #4	2	99
Works #6	1	49
Works #9	1	79
Works #10	1	98
Works #11	2	95
Works #12	1	39
Works #50	1	30
Works #51	1	91
Barberton	2	88
Barberton Mine	1	42
Ditzler	2	84
Milwaukee	2	77
Natrium	1	24
Suydam	1	37
Zanesville	<u>1</u>	<u>50</u>
TOTAL	24	1,154

SL 103816

1956

FATAL CASES

3/14/56

Time Charge - 6,000 Days

Operating a coal loader during the regular operator's lunch period, it is thought that the helper slipped. At any rate the controls were thrown in the wrong position, as the victim was found pinned between the machine and a coal rib.

10/6/56

Time Charge - 6,000 Days

Working on top of a powder truck, the injured and his helper were charging holes in the ceiling. Little is know as to the cause, but apparently the injured fell from the truck to the floor of the room, a distance of 9'5". Although first aid was promptly administered and the injured was promptly rushed to the surface, he was pronounced dead at that time.

11/15/56

Time Charge - 6,000 Days

The deceased, a chemical engineer in the Paint Division, was driving his own car to a meeting at Kubota plant of the Koppers Company several miles away from Gateway Center. About 100 feet from an intersection, his car went off the road and hit a bridge abutment. The collision killed the employee. No skid marks were found on or near where the car left the highway and the weather was clear and dry.

PERMANENT PARTIAL DISABILITIES

5/9/56

Time Charge - 75 Days

Hand caught between belt and pulley on automatic cutting machine when he was wiping oil from the pulley with a rag. He was wearing gloves at the time and his finger was severed at the first joint. Avulsion distal phalanx left middle finger. No actual time lost.

8/23/56

Time Charge - 1,800 Days

A laborer, while swinging pick to dig out around railroad tie to be replaced, the pick accidentally struck the rail and caused a foreign body to strike his eye. Intraocular foreign body right eye. After several months of special treatment, it was found that the sight could not be restored.

2/23/56

Time Charge - 100 Days

Injured and co-worker were moving a barrel of oil, by means of a 2-wheel push hand truck. The barrel tipped off the cart and as they were putting it back onto the wheeled cart, the index finger of his left hand was caught between the barrel and the hand truck, causing a laceration and amputation of the distal portion of index finger. Traumatic amputation of the distal portion.

PERMANENT PARTIAL DISABILITIES (Cont'd.)

Works No. 11, Mt. Vernon, Ohio
Case No. 56-1624
Service: 18 days

6/7/56

Time Charge - 375 Days

Operating freight elevator, foot pinched between bottom of monorail and cab floor. Injury to left foot, mangled large toe, 2nd and 3rd toes. Large toe and 3rd toe amputated.

Works No. 50, Shelbyville, Ind.
Case No. 56-9760
Service: 2 years

8/4/56

Time Charge - 300 Days

A winding operator was removing roll wrap from steel roll with fiber stick. She was holding rubber roll in left hand and pushing roll wrap with fiber stick with right hand toward the left hand. The yarn loop formed and caught her left thumb and amputated first joint of left thumb.

Baltimore Brush
Case No. 56-27
Service: 6 years

6/21/56

Time Charge - 150 Days

A carpenter, while turning board to crosscut 2nd end after cutting 1st end, end of board struck some object. Injured thinks he struck light in ceiling, hand being forced down on saw. 2nd finger cut off between first and second knuckle, third finger cut ligament, first finger lacerated, left hand.

Barberton Plant
Case No. 56-202
Service: 3 months

1/9/56

Time Charge - 200 Days

An engineer stated he was checking coal scraper on discharge end of #2 coal belt. While attempting to remove frozen coal from pulley, his fingers were caught between scraper and the pulley. Amputation of end of left 1st finger and deep abrasion to left 2nd finger back of nail.

Barberton Plant
Case No. 56-4520
Service: 3 years

5/14/56

Time Charge - 75 Days

A packer-loader was cleaning and oiling the pellet press and had clutch out but left motor run. As he passed his hand under one of the pins that make the pellets, he took his left hand off the hand wheel control and the clutch caught enough to start press and catch his right second finger cutting it off at first joint. Amputation distal phalanx right 2nd finger.

Corpus Christi
Case No. 56-8016
Service: Approximately 12 years

9/10/56

Time Charge - 100 Days

A carpenter helper was ripping a 1" x 5" board with the rip saw when board caught in saw blade and finger came in contact with blade at saw. Completely severed end of right index finger. Right tip of distal phalanx.

Milwaukee Paint Plant
Case No. 56-4762
Service: 6½ years

7/14/56

Time Charge - 60 Days

A maintenance man was replacing a stepbearing in a vat. The center post fell straight down on the man's left ring finger causing a crushing injury. No time lost, but loss of bone tip of finger.

Milwaukee Paint Plant
Case No. 56-7492
Service: 6 months

10/25/56

Time Charge - 75 Days

A lacquer thinning and grinding employee has no definite recollection of an accident. States he thinks about Oct. 25th or 26th when he removed his glove at quitting time he noticed a small abrasion at base of right middle fingernail. Reports now because of severe infection. Amputation of first joint of right finger.

PLANT OR WORKS	HOURS WORKED	LOST TIME INJURIES	RATE PER 1,000,000 HOURS	COMPARATIVE INJURY CHART FREQUENCY
				1955 _____ 1956 _____
SPRINGDALE	521,238	-	-	
	571,884	-	-	
DITZ SALES	168,084	-	-	
	226,752	-	-	
PAINT RES.	192,722	-	-	
	207,254	-	-	
PORTLAND	99,439	-	-	
	97,053	-	-	
LAKE CH.	944,815	2	2.1	
	978,193	-	-	
ZANESVILLE	745,115	1	1.3	
	759,532	-	-	
WORKS #3	545,612	2	3.7	
	584,072	-	-	
WORKS #2	457,404	1	2.2	
	460,472	-	-	
FORBES	431,825	2	4.6	
	399,342	-	-	
HOUSTON	282,656	3	10.6	
	278,120	-	-	
STANDARD CHEMICAL	250,602	-	-	
CREIGHTON	72,909	3	41.1	
COALWORKS	67,173	-	-	
	1,738,650	3	1.7	
GEN.OFFICE	1,944,866	2	1.0	
	1,694,880	-	-	
WORKS #6	1,830,160	2	1.1	
	648,601	1	1.6	
BALTIMORE	681,576	1	1.5	
	555,688	-	-	
GLASS RES.	645,972	1	1.5	
	7,990,180	27	3.4	
WORKS #1	7,850,009	13	1.7	
	1,067,483	1	.9	
DITZLER	884,756	2	2.3	
	4,334,558	4	.9	
WORKS #4	4,467,169	11	2.5	
	1,108,883	1	.9	
MILWAUKEE	1,056,375	3	2.8	
	1,154,917	6	5.2	
PORT ALL.	1,260,591	4	3.2	
	203,368	-	-	
ATLANTA	207,453	1	4.8	
	388,333	-	-	
TORRANCE	404,204	2	4.9	
	6,052,181	21	3.5	
WORKS #9	5,879,121	30	5.1	
	1,675,252	2	1.2	
NATRIUM	1,922,726	10	5.2	
	389,300	1	2.6	
WORKS #19	382,867	2	5.2	
	3,059,881	15	4.9	
BARBERTON	3,739,742	23	6.2	
	1,573,165	8	3.8	
CORPUS CH.	1,618,784	10	6.2	
	150,064	4	26.7	
THRESHER	156,348	1	6.4	
	253,419	2	7.9	
WORKS #7	255,297	3	11.8	
WORKS #25	626,504	5	8.0	
	884,340	11	12.4	
WORKS #50	954,460	8	8.4	
	1,590,300	15	9.4	
WORKS #10	1,667,921	15	9.0	
	507,150	11	21.7	
SEDALIA	662,126	6	9.1	
	2,441,759	19	7.8	
WORKS #12	2,526,200	24	9.5	
	104,087	-	-	
MORCK	104,140	1	9.6	
	2,054,719	26	12.7	
WORKS #11	2,122,688	21	9.9	
	186,561	2	10.7	
RED WING	185,531	2	10.8	
	255,009	4	15.7	
WORKS #21	225,700	3	13.3	
	481,703	1	2.1	
BARB.MINE	598,995	8	13.4	
	747,716	8	10.7	
NEWARK	765,037	12	15.7	
	243,044	1	4.1	
SUYDAM	251,299	4	15.9	
	98,220	1	10.2	
GAS DEPT.	103,435	2	19.3	
	191,316	5	26.1	
MOORESTOWN	180,162	4	22.2	
	115,383	3	26.0	
PROVIDENCE	609,897	12	19.7	
WORKS #51	677,884	28	41.3	
	382,331	15	39.2	
IER.CITY	418,256	18	43.0	
	162,932	5	30.7	
KEENE	206,013	9	43.7	
	128,333	5	39.0	
BARTLETT	124,243	6	48.3	
	375,609	15	39.9	
MIDVALE	363,695	21	57.7	
YEAR				
1956	52,946,664	320	6.0	
1955	49,947,726	265	5.3	

* INCOMPLETE 1955
 COMPLETE 1956

INCREASE

SL 103819

PITTSBURGH
 PLATE GLASS COMPANY

PLANT OR WORKS	HOURS WORKED	DAYS LOST	RATE PER 1,000,000 MANHOUR	COMPANY RATE 1955		COMPARATIVE INJURY CHART SEVERITY
				FATALITY EXCLUDED 237	PENALTY INCL. 477	
SPRINGDALE	521,238	-	-			YEAR 1955 _____ 1956 _____
	571,884	-	-			
DITZ SALES	168,084	-	-			
	226,752	-	-			
PAINT RES.	192,722	-	-			
	207,254	-	-			
PORTLAND	99,639	-	-			
	97,053	-	-			
	944,815	101	107			
LAKE CH.	978,193	-	-			
	745,115	271	364			
ZANESVILLE	739,532	-	-			
	545,612	39	71			
WORKS #3	584,072	-	-			
	457,404	35	77			
WORKS #2	460,677	-	-			
	431,825	7	16			
FORBES	399,342	-	-			
	282,854	239	846			
HOUSTON	278,120	-	-			
STANDARD CHEMICAL	250,602	-	-			
CREIGHTON	72,909	16	219			
COALWORKS	67,173	-	-			
	555,688	-	-			
GLASS RES.	645,972	6	9			
	388,333	-	-			
TORRANCE	404,204	5	12			
	1,067,483	118	111			
DITZLER	884,756	13	15			
	203,368	-	-			
ATLANTA	207,453	4	19			
	255,297	19	74			
WORKS #25	626,504	18	29			
	191,316	195	1,019			
MOORESTOWN	180,162	7	39			
	255,009	5	20			
WORKS #21	225,700	10	44			
	1,694,880	-	-			
WORKS #6	1,830,160	97	53			
	186,561	15	80			
RED WING	185,531	11	59			
	104,087	-	-			
MORCK	104,140	8	77			
	1,154,917	83	72			
PORT ALL.	1,240,591	124	98			
	1,675,252	32	19			
NATRIUM	1,922,726	201	105			
	507,150	134	264			
SEDALIA	662,126	72	109			
	4,334,558	160	37			
WORKS #4	4,467,169	507	114			
	1,108,883	34	31			
MILWAUKEE	1,054,375	138	131			
	389,300	22	57			
WORKS #19	382,867	53	138			
	253,419	40	158			
WORKS #7	1,573,165	134	85			
CORPUS CH.	1,618,784	278	172			
	243,044	4	16			
SUYDAM	251,299	44	175			
	3,059,881	664	217			
BARBERTON	3,739,742	814	218			
	648,601	30	46			
BALTIMORE	681,576	150	220			
	6,052,181	631	104			
WORKS #9	5,879,121	1,605	273			
	7,990,180	**10,747	1,350			
WORKS #1	7,850,009	2,244	286			
	2,441,759	542	222			
WORKS #12	2,526,200	855	338			
	150,064	9	60			
THRESHER	156,348	57	365			
	1,590,300	303	191			
WORKS #10	1,667,921	610	366			
	747,716	**6,153	8,229			
NEWARK	765,037	290	379			
	884,340	291	327			
WORKS #50	954,460	413	433			
	128,333	32	249			
BARTLETT	124,243	57	459			
	2,054,719	813	396			
WORKS #11	2,122,488	1,026	480			
	98,220	66	672			
GAS DEPT.	103,635	65	627			
	382,331	233	609			
JER. CITY	418,256	298	712			
PROVIDENCE	115,383	90	780			
	609,897	412	676			
WORKS #51	677,884	704	1,037			
	162,932	375	2,302			
KEENE	206,013	226	1,097			
	1,738,650	117	67			
GEN. OFFICE	1,944,866	*6,002	3,086			
	481,703	200	415			
BARB. MINE	598,995	*6,385	10,660			
	375,609	543	1,446			
MIDVALE	363,695	*6,996	19,236			
YEAR						
1956	52,946,664	30,523	576			
1955	49,947,726	23,824	477			

* FATALITY-6000 DAYS - 1956
 ** FATALITY-6000 DAYS - 1955

INCREASE 21%