

MARKETING THE MICHIGAN PEAR CROP  
A brief Review of the 1944 Season  
by  
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Market reports were issued at Benton Harbor, Michigan from August 3 through October 27, 1944.

National Situation

The national 1944 pear crop was estimated December 18 by the Crop Reporting Board at 30,821,000 bushels, 20% increase over the 1943 crop of 24,585,000 bushels, and 7% over the ten-year (1933-1942) average of 28,559,000 bushels. Total United States rail shipments of pears through January 6, 1945 amounted to 15,735 cars compared to 14,129 cars a year ago to date and final forwardings of 1942-43 shipments of 14,694 cars.

Commercial production of pears in Michigan is concentrated in the western side of the State where the climate is tempered by Lake Michigan from Spring frosts. Pearing acreage extends from near the Indiana border north to Traverse City, with the largest concentration of plantings in the three southern counties--Berrien, VanBuren and Allegan.

Bartletts and Kieffer varieties furnish the bulk of tonnage with Bosc, Clapp Favorites, Anjous, Howells, Duchess, Clairgeaus, Seckels, and Flemish Beauties being produced in volume. Clapp Favorites, the first variety moving in commercial quantities, normally matures and is marketed between August 1-15, with a few late offerings from the northern section of the State. Clapp Favorites are sold largely to the fresh trade.

The Bartlett harvest extends from August 18 - September 10. Usually considerable tonnage of this variety is placed in cold storage and is marketed throughout the fall months. Bartletts are sold to both the fresh fruit and canning trade. In recent seasons, a strong demand from canneries has resulted in a larger percentage of this fruit being processed. Bosc, Seckels, Clairgeaus, Howells, Anjous, Flemish Beauties, and other similar varieties move to market, generally, from around September 1-25. Most of these varieties are sold fresh with distribution--except for Bosc--largely to the home canning trade.

Kieffers start moving to market around September 15, and continue active through October. Movement is heavy both to local canneries and the fresh trade.

Michigan Situation

Michigan's 1944 pear crop was estimated December 18 by the Crop Reporting Board at 1,193,000 bushels which is 4% above the ten-year (1933-42) average of 1,148,000 bushels. There is practically no comparison to the 1943 crop when only 481,000 bushels were harvested, however, this year's production compares favorably with the 1942 crop of 1,000,000 bushels, or an increase of 16%. Conditions were generally good for producing a favorable crop and size was average.

The weighted average price over the Benton Harbor Cash Market amounted to \$1.91 per bushel. This price was second highest recorded since 1931, and was only exceeded during 1943 when \$3.05 per bushel was realized, however, during that year the crop was light with only 138 carlot equivalents passing over the market, compared to 388 carlot equivalents for 1944. During 1942 249 carlot equivalents realized a weighted average price of \$1.57 per bushel. The total value of the 1944 crop over the Market was the highest recorded in over a decade, total amount being \$370,503. The second highest recorded was \$253,501 for 1934, when 774 carlot equivalents passed over the Market at a weighted average price of \$.82 per bushel.

Cash to growers sales over the Benton Harbor Cash Market for US#1 stock in Bushel Baskets ranged as follows: Clapp Favorites 2 1/4" min \$2.25-3.00, 2" min \$2.00-2.75, 1 3/4" min \$1.25-2.25, Bartletts 2 1/4" min \$2.00-3.25, 2" min \$2.00-3.65, 1 3/4" min \$1.25-2.25, Clairgeaus 2 1/4" min \$1.50-2.35, Bosc 2" min & 2 1/4" min \$2.50-3.50, 1 3/4" min \$1.50-2.00, Kieffers 2 1/4" min \$1.00-1.75, 2" min \$.80-1.40, 1 3/4" min \$.75-1.00.

F.o.b. sales at country shipping points ranged as follows: Clapp Favorites 2 1/4" min \$2.60-3.25, 2" min \$2.00-2.25 few high as \$2.75-3.00, Bartletts 2" min \$2.75-3.50, 1 3/4" min \$1.75-2.00 few high as \$2.75, Bosc 2 1/4" min \$3.40-3.50, 2" min \$3.00.

Shipments by rail totaled 188 cars and were billed to 58 cities in 16 states, Minnesota, Pennsylvania, and Wisconsin accounted for 107 of these shipments. Rail shipments this year were the heaviest since 1939 and compare to 36 cars in 1943, 85 cars in 1942, 95 cars in 1941, 43 cars in 1940, and 223 cars in 1939.

Amount of pears reported purchased by processors for 1944 season totaled 257,800 bushels compared to 44,270 for 1943, 370,210 for 1942, 515,000 for 1941, 508,097 for 1940, and 459,000 for 1939. Commercial canning was hampered greatly by lack of labor accounting for considerable decrease in the amount used, also there was a very good demand in the fresh market channels, which accounted for part of this decrease. A chart from 1927 to date of quantities utilized by canning trade and prices paid is listed below.

CANNER PURCHASES AND PRICES PAID TO GROWERS  
1927-1944

YEAR	Number of bushels reported purchased by canners:	Prices paid to growers bulk per cwt. U. S. No. 1
1944	130,000 Kieffers	\$1.00 (1-3/4") \$2.25 (2 1/4") \$1.50 (2" min.)
1944	127,800 Bartletts	1.90 (1-3/4") 3.65 (2" & 2 1/4")
1943	35,800 Kieffers	1.87 (1-3/4") 2.37 (2" min.)
1943	7,224 Bartletts	4.21 (2" min.)
1943	1,246 Howells	3.94 (2" min.)
1942	230,210 Kieffers	1.50 (2 1/4") 1.00 (2"-2 1/4") .50 (1-3/4"-2")
1942	140,000 Bartletts	2.80 (2" min.) 1.50 (1-3/4"-2")
1941	295,000 Kieffers	.90 (2 1/4") .60 (2" min.) .30 (1-3/4")
1941	220,000 Bartletts	2.25 (2" min.) 1.25 (1-3/4"-2")
1940	348,290 Kieffers	.90 (2 1/4") .60 (2" min.) .30 (1-3/4")
1940	159,807 Bartletts	2.00 (2 1/4") 2.00 (2" min.) 1.25 (1-3/4")
1939	349,000 Kieffers	.90 (2 1/4") .60 (2" min.)
1939	110,000 Bartletts	1.75 (2 1/4") 1.00 (2"-2 1/4")
1938	250,000 Kieffers	.60 (2 1/4") .40 (2"-2 1/4")
1938	140,000 Bartletts	1.20 (2 1/4") .80 (2"-2 1/4")
1937	301,500 Kieffers	.90 (2 1/4") .60 (2"-2 1/4")
1937	110,000 Bartletts	1.65 (2" min.) 1.10 (1-3/4")
1936	325,000 Kieffers	.90 (2 1/4") .60 (2" & 2 1/4")
1935	215,000 Kieffers	.90 (2 1/4") .60 (2" & 2 1/4")
1934	261,000 Kieffers	.90 (2 1/4") .60 (2" & 2 1/4")
1933	211,000 Kieffers	1.00 (2 1/4") .60 (2" & 2 1/4")
1932	217,000 Kieffers	.60 (2 1/4") 37 1/2-.45 (2" & 2 1/4")
1931	80,000 Kieffers	.80
1930	210,000 Kieffers	1.00
1929	100,000 Kieffers	2.25
1928	225,000 Kieffers	1.40
1927	125,000 Kieffers	1.35

**PRODUCTION OF PEARS BY STATES 1944 SEASON**

Crop report as of December 1, 1944. Production with comparisons. Released by Crop Reporting Board, Washington, D. C., December 18, 1944

STATE	Production 1/			STATE	Production 1/		
	Average : 1933-42	1943	1944		Average : 1933-42	1943	1944
	Thousand Bushels				Thousand Bushels		
Maine	8	5	10	Kentucky	226	80	135
New Hampshire	11	4	10	Tennessee	285	132	188
Vermont	4	1	3	Alabama	295	112	312
Massachusetts	62	20	48	Mississippi	358	136	354
Rhode Island	8	4	7	Arkansas	171	80	228
Connecticut	66	38	77	Louisiana	162	78	245
New York	1,117	528	1,157	Oklahoma	142	75	96
New Jersey	60	48	52	Texas	393	211	502
Pennsylvania	558	174	464	Idaho	61	36	69
Ohio	549	173	373	Colorado	188	264	157
Indiana	284	72	157	New Mexico	43	53	50
Illinois	530	232	335	Arizona	10	11	10
MICHIGAN	1,148	481	1,193	Utah	113	200	170
Iowa	106	50	55	Nevada	4	5	6
Missouri	356	170	175	Washington, all	6,242	5,266	7,820
Nebraska	27	13	10	Bartlett	4,374	3,906	6,080
Kansas	136	52	63	Other	1,868	1,360	1,740
Delaware	7	2	7	Oregon, all	3,723	2,817	4,354
Maryland	65	20	52	Bartlett	1,506	1,386	1,794
Virginia	378	26	428	Other	2,217	1,431	2,560
West Virginia	80	12	132	California, all	9,622	12,543	10,127
North Carolina	337	88	354	Bartlett	8,392	11,293	8,877
South Carolina	136	36	160	Other	1,229	1,250	1,250
Georgia	355	138	500	UNITED STATES	28,559	24,585	30,821
Florida	131	99	176				

**PEARS - DAILY F.O.B. PRICES AT WESTERN MICHIGAN SHIPPING POINTS**

Basis of sales: Carloads and truckloads f.o.b. shipping point, bushel baskets, U. S. No. 1, warehouse packed stock.

DATE	CLAPP FAVORITE		DATE	BARTLETT		DATE	BOSC	
	2 1/2" Min.	2" Min.		2" Min.	1 3/4" Min.		2 1/2" Min.	2" Min.
Aug. 3	\$3.00		Aug. 14	\$2.80-3.00		Sept. 19	\$3.50	\$3.00
8	\$3.00	2.75-3.00	16	2.75		20	3.50	3.00
14	2.65-2.75		17	2.75	\$1.80	21	3.40	3.00
15	2.65-3.00		18	2.75	1.75			
16	2.65-3.00	2.00-2.25	24	2.75-3.10	1.75-1.80			
17	2.65-2.75	2.00	25	2.75-3.00				
18	2.60-3.25	2.00	27	3.00	1.75-1.80			
			30	3.00-3.10	1.75-2.00			
			31	3.00	1.85			
			Sept. 4	3.25	2.00			
			5	3.25	2.00			
			11	3.00-3.50	2.25-2.75			

**SUMMARY OF PEAR MOVEMENT AND AVERAGE PRICE ON BENTON HARBOR CASH MARKET**

(Season)	(Carlot Equivalents)	(Value per bushel)	(Total Value)
1931	125	\$.98	\$ 49,100
1932	404	.75	119,831
1933	206	1.02	84,212
1934	774	.82	253,501
1935	280	.96	106,921
1936	588	.86	202,123
1937	201	.93	93,507
1938	326	.75	122,114
1939	373	.82	152,845
1940	307	.95	145,696
1941	381	.83	158,022
1942	249	1.57	195,490
1943	138	3.05	210,908
1944	388	1.91	370,503

**MICHIGAN PEAR TRUCK MOVEMENT 1944 & 1943 SEASONS**

Reduced to carlot equivalents on basis of 500 bushels per car.

Benton Harbor Truck Carlot Equivalents		
DATE	1944	1943
Aug. 2	7#	
3	2	
4	1	
5	Sat.	
6	3	
7	2	Sat.
8	2	
9	3	
10	3	
11	1	3*
12	Sat.	
13	5	
14	1	Sat.
15	3	
16	5	
17	7	1
18	6	
19	Sat.	1
20	13	2
21	5	Sat.
22	7	2
23	8	1
24	10	1
Aug. 25		7
26		Sat. 1
27		12
28		6
29		8
30		4
31		4
Sept. 1		5
2		Sat. 3
3		Sun. 3
4		10
5		3
6		6
7		2
8		4
9		Sat. 3
10		4
11		1
12		1
13		2
14		2
15		1
16		Sat. 2
Sept. 17		2
18		18
19		7
20		8
21		8
22		8
23		Sat. 3
24		16
25		7
26		9
27		8
28		9
29		2
30		Sat. 2
Oct. 1		16
2		6
3		3
4		8
5		9
6		5
7		Sat. 3
8		2
9		9
10		4
11		4
12		4
13		4
14		Sat. 4
15		6
16		2
17		8
18		2
19		3
20		2
21		Sat. 2
22		4
23		3
24		3
25		1
26		2
27		8###
TOTAL 388 138		
(*) Total through 8/2/44.		
(**) Total through 8/11/43.		
(***) Total to end of season.		

**BENTON HARBOR CASH MARKET ON PEARS - 1944 SEASON**

Prices are for truckloads cash to growers, bushel baskets, sizes as shown, U. S. No. 1 stock, unless otherwise stated.

DATE	Clapp's Favorite			Barlett's			Bosc	
	2 1/4" min.	2" min.	1 3/4" min.	2 1/4" min.	2" min.	1 3/4" min.	2" & 2 1/2"	1 3/4" min.
Aug. 3	\$2.75-3.00	\$2.50-2.75	\$2.00-2.25					
4	2.50-3.00							
6	2.50-3.00	2.00-2.50						
7	2.50-2.75	2.00-2.50						
8	2.50-2.75	2.00-2.50						
9	2.50-2.75	2.25-2.50						
10	2.50-2.75	2.00-2.75						
11		2.00						
13	2.25-2.50	2.00-2.25		\$2.50-2.75				
14	2.25-2.75	2.00-2.25		2.80-3.00				
15	2.25-2.50	2.00	1.50	2.50-2.75				
16	2.25-2.50	2.00	1.50-1.75	2.00-3.00	\$1.25-1.75			
17	2.25-2.50	2.00	1.25-1.50	2.20-3.00	1.40-1.60			
18	2.50	2.00		2.25-2.60	1.35-1.75			
20	2.50-2.75		1.50	2.00-3.00	1.25-1.50			
21	2.50			2.25-2.75	1.50-2.00			
22				2.00-3.25	2.00-3.25	1.25-2.00		
23				2.25-3.25	2.25-3.25	1.50-2.00		
24				2.00-3.25	2.00-3.25	1.50-1.75		
25					2.50-3.25	1.75-2.00		
27					2.50-3.25	1.50-2.00		
28				2.50-3.25	2.50-3.25	1.50-2.00		
29				2.75-3.00	2.75-3.00	1.75-2.00		
30				2.75-3.25	2.75-3.25	1.75-2.25		
31					2.75-3.50	1.75-2.00		
Sept. 1					3.00-3.50	1.50-1.75		
4					2.75-3.25	1.75-2.00		
5				Clairgeau:	3.00-3.25	1.65-2.00		
6				2 1/4" min:	3.25-3.50	1.85-2.20		
7				Kieffers	\$2.10	2.75-3.25	1.75-2.00	
8	2 1/4" min:	2" min:	1 3/4" min:		3.00			
10	\$1.25			2.15	3.50-3.65	2.00	\$3.00-3.25	
11					3.50	2.25		
12				2.30	3.50-3.65	2.25		
13				2.25			3.00-3.20	
14	\$1.50			2.25			3.00	
15				1.75-2.00			3.00	2.00
17	1.65			2.25-2.35			3.00	1.75-2.00
18	1.50-1.75						3.00-3.25	
19	1.65-1.75			2.00-2.35			3.25	
20	1.50-1.75				3.50		3.25-3.30	
21	1.50-1.70						2.75-3.50	1.50-2.00
22	1.40-1.60	1.00-1.25	.75					
24	1.25-1.75		.75-1.00				2.50-3.00	1.85
25	1.35-1.40	1.15-1.35	.75-1.00				2.75	
26	1.35-1.50	1.25-1.40	.75-1.00	1.50			2.50	1.50
27		1.10-1.40		1.50			2.85	
28	1.35-1.50	1.25-1.35						
29	1.20-1.35		.85					
Oct. 1	1.35-1.45	1.00-1.25						
2	1.00-1.25	1.00					2.75-	1.50
3	1.00-1.25	.90-1.15						
4		1.00-1.20						
5		1.00-1.20						
6	1.00-1.25	1.00						
8	1.20-1.35	1.00-1.10						
9	1.15-1.40	1.00-1.10						
10	1.25-1.40	1.00-1.15						
11	1.25-1.50	1.00-1.20						
12	1.30-1.65	1.00-1.25						
13	1.25-1.50	1.00-1.25						
15	1.30-1.50							
16	1.15-1.50	1.00-1.10						
17	1.15-1.25	.80-1.00						
18	1.25-1.50	1.00						
19	1.25-1.35	1.00-1.05						
20	1.25-1.35	1.00-1.15						
22	1.25-1.50	1.00						
23	1.25-1.50	1.00						
24	1.25-1.50	1.00-1.10						
25	1.25-1.60	1.00						
26	1.25-1.55	1.00						
27	1.25-1.50	1.00						

RANGE OF JOBBING SALES MICHIGAN PEARS 1944 SEASON IN IMPORTANT MARKETS

Prices are for bushel baskets, U. S. No. 1 stock.

CHICAGO									
DATE	Clapp's Favorite		Bartletts			Kieffers		Bosc	
	2 1/4" min	2" min	2 1/4" min	2" min	1 3/4" min	2" min	2 1/4" min	2 1/4" min	
Aug. 4		\$2.50-3.25							
7		2.50-3.25						(See below-Sept.18-20)	
8		2.25-2.50							
9		2.00-2.75							
10	\$2.50	2.00-2.75							
11	2.50-2.75	2.00-2.75			\$3.00				
14	2.25-2.75	2.00-2.50			3.00				
15	2.00-2.50	1.75-2.50			2.75-3.25				
16	2.50-3.00	2.25-2.50			3.00-3.50	\$1.50			
17	2.00-3.00				3.00	1.75			
18	2.50-3.00	1.75-2.25			3.00-3.50	1.75-2.00			
21	2.25-2.75	2.25-2.75			2.50-3.00	1.25-1.75			
22	2.50	1.50-2.25	\$3.00		2.50-3.00	1.50-2.00			
23	2.50-2.75		3.25-3.50		2.40-3.25	1.25-1.75			
24	2.25-2.50	1.75	3.00-3.50		2.50-3.00	1.00-2.25			
25			3.00-3.50		2.50-3.00	1.25-2.00			
28	2.50	2.25			2.75-3.25	1.75-2.00			
29	2.50				2.50-3.75	1.75-2.00			
30					2.50-4.00	2.00-2.50			
31					2.75-4.00	2.00-2.75			
Sept. 1		3.00-3.25	3.25-4.00		3.00-3.75	2.00-2.75			
5			3.25-4.00		3.00-3.50	2.00-3.00			
6			3.35-3.50		3.25	1.75-2.50			
8			3.74-4.00		3.00-3.25	2.00-2.50			
11			3.75-4.00		3.00-4.00	3.00			
12			4.00		4.00				
13			4.50		4.35				
18	3.00-3.50		4.00						
20			4.00				\$2.00		
21					4.00-4.25		2.25	\$3.50	
22	2.50-3.00	2.50-3.00					1.75-2.00	3.25-3.50	
25			4.00		3.00		1.75-2.50	2.50-3.50	
26							1.50-	2.50	
27							1.25-1.50	2.50-3.25	
28					3.75-4.00		1.50-2.00	2.50-3.00	
29	3.25		4.00		3.75-4.00				
Oct. 2							\$1.50-1.60		
3								1.00-1.50	
4		2.50					1.25-1.50	1.25-1.50	
5					3.75		1.00-1.50	1.00-1.50	
6							1.00-1.50	1.00-1.50	
10					3.50				
11							.75-1.00	.75-1.00	

Seckels & Clairgeaus				Anjous & Sheldons	
DATE	1 3/4" min	2" min	2 1/4" min	2 1/4" min	2 1/4" min
Aug. 29	\$2.50-2.75				
30	2.50-3.00				
31	2.40-2.50				
Sept. 6	2.50				
12	2.25-2.50				
18	2.50-2.75				
22	2.00-2.25	\$3.00			
25	2.25-2.50	2.25-3.00			
26	2.50	2.00-2.75			
27	2.00-2.25				
28	2.00-2.25	2.00			
29		2.00			

DETROIT									
DATE	Clapp's Favorite		Bartletts			Kieffers		Seckels	
	2 1/4" min	2" min	2 1/4" min	2" min	1 3/4" min	2 1/4" min	2" min	1 3/4" min	
Aug. 4	\$3.50	\$3.00							
7	2.75-3.25								
8	3.25								
9	3.25								
10	3.00								
11	3.00								
14	3.25								
15	2.75								
16	3.25								
17	3.25								
18	3.25								
21	3.00-3.25		\$2.50-3.50		\$3.50				
22					3.25				
23	3.50								
24	3.25-3.50				3.75				
25	3.25-3.50								
28	2.75				3.00-3.50			\$2.50	
29	2.50				3.00				
30					3.25-3.75	\$2.25			
31	3.00				3.25-3.75	2.50			
Sept. 1					3.25-3.75	2.25			
5					3.00-3.50				
6								2.75	
8			3.25-3.75		3.25-3.50	2.00-2.25			
11					3.25-3.50	2.25			
13					3.25-3.50	2.00			
18					3.25-3.50	2.00			
21					3.00-3.25				
25						\$1.50	\$1.50		
27						2.00-2.25			
28	Flemish Beauty				2.00	1.75-2.00			
29	2 1/4" min				2.50	1.75-2.00	1.75-2.00	2.75	
Oct. 2	\$2.50				2.00-2.25	1.75-2.00	1.75-2.00	2.75	
3	2.75				2.00	1.50-2.00	1.50-2.00	2.75	
5						1.50-1.75	1.50-1.75		
6						1.50-1.75	1.50-1.75	2.50	
9						2.00	1.75		

CLEVELAND			
DATE	Bartletts		
	2 1/4" min	2" min	
Sept. 7	\$3.25-4.00	\$3.00-3.50	
8		3.00-3.50	

RANGE OF JOBBING SALES MICHIGAN PEARS 1944 SEASON IN IMPORTANT MARKETS (Cont'd)

Prices are for bushel baskets, U. S. No. 1 stock.

		<u>M I L W A U K E E</u>					
		Clapp's Favorite	Bartletts	Kieffers	Duchess		
DATE		2" min	2" min	2 1/4" min	2" min	1 3/4" min	
Aug.	7	\$3.00					
	9	3.00-3.25					
	10	2.75-2.85					
	18		\$3.25				
	21		2.75-3.25				
	22		2.50-3.00				
	23		3.25-3.50				
	25		2.75-3.25				
	28		2.75-3.50				
	30		3.25-4.00				
Sept.	5		3.50-4.00				
	7		3.50-4.25				
	21			\$2.25		\$2.25-2.50	
	22			2.25		2.25-2.50	
	25			1.75-2.00			
	26			1.50-2.00			
	28			1.75-2.25			
Oct.	2		\$1.75-2.25				
	5		1.75-2.00				
	12		2.00-2.25	1.75-2.00	\$1.50		
				1.50-2.00			

  

		<u>P I T T S B U R G H</u>					
		Clapp's Favorite	Bartletts	Sackels	Anjous	Bosc	
DATE		2" min	1 1/2" min	1 3/4" min	2" min	1 1/2" min	1 3/4" min
Aug.	30	\$2.25-3.00					
	31	2.25-3.00					
Sept.	1		\$2.25-2.40				
	6	2.50-2.75					
	25				\$3.00-3.50		
	27				2.00-2.50		
	28						
	29					\$2.75-3.00	
Oct.	4				\$2.00-2.25	2.75-3.00	\$3.25-3.75
	9						3.00-3.50
	10						3.00
							2.75-3.00

CARLOT DISTRIBUTION OF MICHIGAN PEAR SHIPMENTS, 1944 SEASON

State and City	Cars	State and City	Cars	State and City	Cars	<u>SUMMARY BY STATES</u>	
<u>Illinois</u> Chicago	5	<u>Missouri</u> Kansas City Sedalia Total	1 1 2	<u>South Dakota</u> Deadwood Sioux City Watertown Total	1 1 1 3		
<u>Indiana</u> Indianapolis	1	<u>Nebraska</u> Norfolk Omaha Total	1 1 2	<u>Tennessee</u> Nashville	2	Indiana	1
<u>Iowa</u> Ames Cedar Falls Des Moines Dubuque Estherville Ft. Dodge Mason City Spencer Waterloo Total	7 2 3 1 1 1 1 1 1 18	<u>New York</u> New York	2	<u>Virginia</u> Norfolk	2	Iowa	18
<u>Kentucky</u> Louisville	1	<u>Ohio</u> Akron Barnesville Canton Cincinnati Cleveland Columbus Toledo Total	1 1 1 2 2 4 2 13	<u>West Virginia</u> Spencer Wheeling Total	1 3 4	Kentucky	1
<u>Michigan</u> Detroit Houghton Ishpeming Total	4 6 2 12	<u>Pennsylvania</u> Altoona Charleroi Clarion Dubois Houtzdale Kane Oil City Pittsburgh Warren Total	2 1 1 2 1 2 1 20 2 32	<u>Wisconsin</u> Appleton DuPere Fondulac Green Bay Madison Manitowoc Milwaukee Stevens Point Wausau Total	2 1 1 13 5 1 4 2 31	Michigan	12
<u>Minnesota</u> Alexandria Duluth Mankato Minneapolis St. Cloud Wilmar Total	1 3 2 36 1 1 44			<u>TOTAL</u>	174	Minnesota	44
				<u>Unreported by Railroads</u>	14	TOTAL	174
					188		188

MM

C. B. Miller  
Local Representative.

Released at Grand Rapids, Michigan  
February 8, 1945.