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SB 506 (1973)

AGRICULTURE IN THE UPPER GREAT LAKES REGION, 1949-69

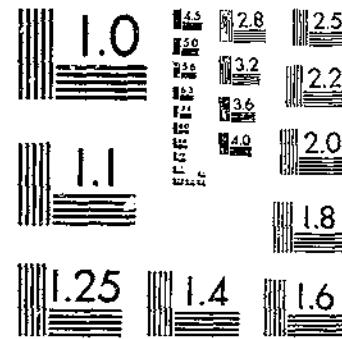
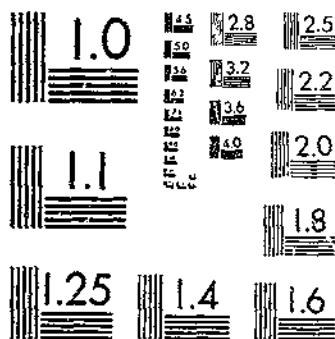
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AGRICULTURE IN THE UPPER GREAT LAKES REGION, 1949-69

ECONOMIC RESEARCH SERVICE • U.S. DEPARTMENT OF AGRICULTURE
IN COOPERATION WITH
UPPER GREAT LAKES REGIONAL COMMISSION

ABSTRACT

This report is a statistical summary of data from the Census of Agriculture, for the years 1949-69, for the counties in the Upper Great Lakes Regional Commission area. Data include number of farms, total acreage, cropland acreage, value of farm products sold, and number of farms by economic class. The report also includes a summary of the number of operators working off the farm 100 days or more, livestock numbers, acreage of various crops harvested including vegetables, tree fruits, and nursery stock. This summary will be useful to groups and individuals planning to improve agricultural production and incomes in the Upper Great Lakes Region.

Keywords: Farm operators, farmland, cropland, crops, livestock, nurseries, Upper Great Lakes Region.

The following abbreviations and symbols occur in some tables:

Z -- Reported in small fractions

D -- Data withheld to avoid disclosure of individual operations

PREFACE

This statistical summary of agricultural data for the Upper Great Lakes Region was prepared at the request of the Upper Great Lakes Regional Commission. It will be useful for local, State, and regional groups as a basic handbook for planning agricultural development of the region. It updates information in Statistical Supplement to Agricultural Economic Report No. 108--An Economic Survey of the Northern Great Lakes Region. It also supplements Agricultural Economic Report No. 159--Selected Economic Trends in the Agricultural Sector, Northern Lake States: 1949-64.

Definitions of some items in the tables changed during the period covered. It is not feasible to explain all of these changes, but the effects are generally small. A full description of the changes and their effects can be obtained by consulting the State and County summaries of the Census of Agriculture (volume 1, Area Reports, parts 24, 25, and 51).

Data were aggregated for State parts of the Upper Great Lakes Region and the region as a whole. Also, for comparative purposes, State totals and totals for the southern parts of States are shown.

Each of the States has prepared additional data which can give a more complete picture of agriculture by counties for that State. These data are a useful supplement for this publication. There are some differences in coverage among States, so they are not included here. State and local groups would find it advantageous to review these data and use them in planning efforts. They are published by State departments of agriculture.

Washington, D.C. 20250

January 1973

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AGRICULTURE IN THE UPPER GREAT LAKES REGION, 1949-69

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SUMMARY

The number of farms in the Upper Great Lakes Region in 1969--288,000--is 43 percent lower than the number in 1949. Yet the 42 million acres of cropland is 91 percent of the acres under cultivation in 1949. This means that a significant combination of resources has occurred.

Many individuals believe that with good planning as to the use of the resources of the Upper Great Lakes Region, it will be possible to improve income from farming. Clearly, the region has a substantial land base and, despite the drop from 1949, a very large number of farmers, providing a wide basis, and a challenge, for sound planning. Several alternatives may be available. One traditional method is by consolidating land resources into a smaller number of farms. Another is to operate existing units with more intensive enterprises. Still another is to incorporate idle land resources into farms. In some cases, farming may be combined with nonfarm employment to improve family income.

The Upper Great Lakes Commission has requested the basic data contained in this report so as to understand the present status of agriculture and to consider a full range of activities to improve agricultural production as a part of overall economic development. In many cases, changes in agricultural production require new sources of supply of inputs for use on the farm. Changes in production may also require development of new marketing and processing facilities. These will also be considered by the Commission for the effect on economic development.

Agriculture varies greatly throughout the region. Therefore, planning that is tailored to the resources and capabilities of smaller areas will be more fruitful than plans based only on aggregate regional data. Thus, the data are presented by county, and can in turn be aggregated for any combination of counties. Those who wish may find the data for adjoining areas outside the region in the Census of Agriculture, volume I, Area Reports (parts 24, 25, and 51). In some cases, local knowledge of an area will permit the analyst to estimate data for portions of a county.

TABLE 1 -- TOTAL FARMS, FARM ACREAGE, MICHIGAN COUNTIES, NORTHERN REGION

COUNTY	TOTAL NUMBER OF FARMS				TOTAL ACRES IN FARMS			
	1949	1959	1964	1969	1949	1959	1964	1969
ALCONA	825	583	418	304	125248	99803	74434	55941
ALGER	429	185	148	104	52105	37589	32263	25146
ALPENA	1077	851	728	572	153627	135133	118803	92656
ANTRIM	1078	676	490	341	155750	122514	97237	69929
ARENAC	1154	779	635	544	136963	108956	100723	91492
BARAGA	553	263	204	142	58375	38604	34540	24952
BENZIE	541	311	307	231	69872	46031	46748	38771
CHARLEVOIX	976	537	405	278	122967	88715	71801	51109
CHEBOYGAN	855	470	339	214	125331	84692	73936	54847
CHIPPEWA	1154	665	599	401	187315	122334	129979	96495
CLARE	777	573	467	394	141804	118290	110370	89013
CRAWFORD	66	36	27	0	11306	6858	5196	0
DELTA	1160	612	526	373	184374	131696	117150	101542
DICKINSON	483	242	197	162	69809	43487	43763	39749
EMMET	901	535	413	248	120527	90466	80841	56907
GLADWIN	1145	800	665	507	153827	126629	116675	91491
GOGERIC	494	200	138	73	33311	20971	17956	11685
GRAND TRAVERSE	1200	894	715	633	142969	115651	93589	83712
HOUGHTON	1228	689	490	274	144274	99289	75693	45906
IOSCO	696	414	335	311	108360	84126	75026	74498
IRON	679	300	215	106	81476	47146	39758	27283
KALKASKA	480	228	150	122	88105	48506	36859	23686
KEWEENAW	54	11	5	0	4411	1300	580	0
LAKE	434	260	160	152	70453	48351	33912	31057
LEELANAU	884	772	668	511	121484	114115	104178	77745
LUCE	158	63	59	29	28319	17287	18078	12305
MACKINAC	389	189	136	98	53416	38681	29683	28483
MANISTEE	971	576	524	376	123771	80398	79289	68336
MARQUETTE	584	237	139	97	79575	58126	41943	27393
MASON	1491	955	881	608	164928	124653	118113	95818
MECOSTA	1672	1211	961	792	236695	191324	170397	150700
MENOMINEE	1850	1082	923	588	304038	230494	208213	162239
MISSAUKEE	1038	662	546	447	171750	130922	119157	97790
MONTMORENCY	385	279	234	134	60679	47000	44629	28351
NEWAYGO	2156	1496	1251	1012	238095	184058	166366	151125
OCEANA	1798	1294	1077	864	203453	170963	151706	131419
OGEMAW	896	638	509	369	146450	126943	112432	83003
ONTONAGON	894	382	282	199	116248	70029	60799	49234
OSCEOLA	1509	1036	814	663	243700	199230	174949	135652
OSCOODA	264	176	173	95	49845	36105	35159	24960
OTSEGO	424	288	266	172	89150	69415	61867	46052
PRESQUE ISLE	937	648	594	414	169474	138772	130145	95521
ROSCOMMON	116	61	45	49	16939	12212	8083	9035
SCHOOLCRAFT	293	130	97	54	34620	22441	18083	14835
WEXFORD	941	464	333	327	140844	76535	69244	56989
TOTAL	38089	23768	19288	14384	5336032	4012840	3550345	2824852
MICHIGAN SOUTHERN REGION								
TOTAL	117500	88049	74216	63552	11933960	10769667	10028902	9074292
MICHIGAN TOTAL	155589	111817	93504	77936	17269992	14782507	13579247	11899144

TABLE 2 -- TOTAL FARMS, FARM ACRESAGE, WISCONSIN COUNTIES, NORTHERN REGION

COUNTY	TOTAL NUMBER OF FARMS				TOTAL ACRES IN FARMS			
	1949	1959	1964	1969	1949 NUMBER	1959	1964	1969
ADAMS	1041	729	608	463	224348	171812	154231	133413
ASHLAND	1037	611	537	341	155487	120376	109608	79697
BARRON	3986	3106	2768	2306	494663	466724	448440	411432
BAYFIELD	1567	897	822	492	219548	161401	158972	104912
BROWN	3079	2388	2172	1886	303558	292995	280793	255973
BURNETT	1478	938	790	563	215481	163370	147949	109309
CHIPPEWA	3445	2717	2468	2083	529229	493990	490892	438246
CLARK	4738	3876	3484	2980	580204	558986	542748	489826
DOOR	2085	1847	1705	1278	238679	225977	218561	177909
DOUGLAS	1533	637	609	347	188210	105229	112651	79147
EAU CLAIRE	2089	1657	1541	1244	294029	270496	261561	228728
FLORENCE	395	185	154	104	57018	34312	33738	27903
FOREST	652	294	243	158	86922	61660	51802	48543
IRON	372	149	117	66	46759	30460	27418	18257
JACKSON	1939	1457	1351	1087	329526	304355	302280	271991
JUNEAU	1881	1304	1160	1000	290444	219103	207267	182471
KEWAUNEE	1919	1687	1577	1378	211971	202469	200984	191568
LANGLADE	1586	1071	972	748	233105	207442	194594	163526
LINCOLN	1670	1184	992	719	256403	219201	198482	149393
MARATHON	6061	5022	4629	3772	847794	794480	769997	671534
MATPINETTE	2363	1581	1302	971	343105	277242	236646	188705
MENOMINEE	0	0	10	0	0	0	1161	0
OCONTO	2813	2209	2015	1614	361502	325224	309792	271820
ONEIDA	607	225	219	118	117698	70625	63286	46653
OUTAGAMIE	3409	2793	2494	2140	370626	345935	324880	297934
POLK	3609	2773	2491	2101	487317	438147	430479	377974
PORTAGE	2552	2136	1688	1352	433530	399278	356516	300563
PRICE	2095	1261	1106	775	271942	219302	204546	154533
RUSK	2129	1434	1297	980	312008	265746	257912	212623
SAWYER	1016	528	482	329	142584	105327	100329	77976
SHAWANO	3503	2906	2622	2010	479237	451245	431166	343182
TAYLOR	2865	2082	1861	1437	384818	355636	355636	283981
VILAS	254	100	107	66	28365	13991	13275	12075
WASHBURN	1175	771	695	461	209978	173405	164567	114957
WAUPACA	3155	2473	2230	1974	421494	367670	340150	323295
WOOD	2647	2156	1921	1473	347944	326033	302883	253281
TOTAL	76725	57185	51239	40816	10515526	9239644	8806192	7493330

WISCONSIN
SOUTHERN REGION
TOTAL

91836 74030 67577 58154 12700569 11916579 11576875 10615235

WISCONSIN
TOTAL

168561 131215 118816 98970 23216095 21156223 20383067 18108565

TABLE 3 --TOTAL FARMS, FARM ACRESAGE, MINNESOTA COUNTIES, NORTHERN REGION

COUNTY	TOTAL NUMBER OF FARMS				TOTAL ACRES IN FARMS			
	1949	1959	1964	1969	1949	1959	1964	1969
	NUMBER							
AITKIN	2207	1367	1132	791	313561	232046	225397	180660
BECKER	2877	2248	2129	1630	551043	499138	509110	448850
BELTRAMI	1984	1182	1067	807	337594	260747	268187	227935
BENTON	1511	1317	1231	1086	243289	227972	228547	203422
CAPLTON	1962	1232	1100	705	235962	196325	193580	139127
CASS	1948	1141	1012	649	334255	250849	247194	191884
CHISAGO	1810	1434	1270	1104	236388	210672	203115	173084
CLAY	2075	1775	1538	1345	628963	625866	623530	623119
CLEARWATER	1516	1112	1038	801	277121	253193	262685	232887
COOK	60	25	15	0	6995	3761	2422	0
CROW WING	1675	1001	848	630	238103	181678	177752	160934
DOUGLAS	2445	2035	1881	1599	383120	358331	364459	346576
GRANT	1342	1178	980	836	338110	331081	330042	322536
HUBBARD	1331	771	751	540	236966	167543	172323	134044
ISANTI	1707	1306	1161	957	242842	210859	194442	156758
ITASCA	2210	1208	1041	519	259861	175952	166885	120140
KANAREC	1558	1152	985	901	234230	208695	194151	180543
KITTSON	1337	1036	894	772	535792	512299	536333	544575
KOOCHICHING	1061	561	469	267	172271	116591	109468	75322
LAKE	247	92	86	45	19953	11549	11457	6617
LAKE OF THE WOODS	756	439	389	255	172432	130459	134329	104573
MAHNOMEN	483	716	649	528	239344	220862	223304	220298
MARSHALL	2567	2067	1884	1732	848731	800186	825758	881030
MILLE LACS	1946	1442	1359	1120	225977	200131	277571	180905
MORRISON	3225	2671	2567	2146	550641	516413	534427	459894
NORMAN	1862	1469	1325	1061	534467	502739	522367	527140
OTTER TAIL	6380	5134	4725	4043	1168673	1073846	1089521	997687
PENNINGTON	1194	855	850	817	348068	303489	326478	333701
PINE	2941	2082	1792	1335	428712	375289	354094	294240
POLK	3876	3122	2766	2361	1171440	1158841	1168751	1115662
PED LAKE	913	694	642	586	249862	221799	233684	236334
ROSEAU	2347	1706	1589	1330	623474	544544	584994	558296
ST. LOUIS	4686	2153	1844	915	504325	306612	285367	181143
SHERBURNE	1137	889	783	672	239173	199741	193376	159656
STEARNS	4517	4130	3938	3576	824545	788398	782291	729369
TODD	3562	3013	2778	2376	543990	510033	510298	469688
WADEA	1509	1107	963	803	269514	222723	220526	191534
WILKIN	1237	1106	967	834	456367	444149	443358	445958
TOTAL	78409	57962	52438	42474	15226154	13555403	13654573	12546032
MINNESOTA SOUTHERN REGION								
TOTAL	100692	87700	78727	68271	17657009	17240694	17150407	16298628
MINNESOTA TOTAL	179101	145662	131165	110745	32883163	30796097	30804980	28844660
UPPER GREAT LAKES REGION								
TOTAL	193223	138915	122965	97674	31077712	26807887	26011117	22864214

TABLE 4 --TOTAL ACRES AND TOTAL CROPLAND PER FARM;* MICHIGAN COUNTIES, NORTHERN REGION

COUNTY	TOTAL ACRES PER FARM				TOTAL CROPLAND ACRES PER FARM			
	1949	1959	1964	1969	1949 NUMBER	1959	1964	1969
ALCONA	151	171	178	184	62	82	98	114
ALGER	121	202	217	241	42	76	87	125
ALPENA	142	158	163	161	64	78	89	91
ANTIMIM	144	181	198	205	67	88	98	111
APENAC	117	139	158	168	70	89	106	119
RAPAGA	105	146	169	175	38	54	68	76
BENZIE	124	149	152	167	65	77	74	78
CHARLEVOIX	125	165	177	183	58	79	89	98
CHEBOYGAN	146	180	218	256	66	85	111	127
CHIPPEWA	162	183	215	240	97	122	143	168
CLARE	182	206	236	225	71	91	101	111
CRAWFORD	171	190	229	0	57	82	81	0
DELTA	158	215	227	272	58	85	94	131
DICKINSON	144	204	222	245	50	78	86	109
EMMET	133	159	195	229	62	82	94	113
GLADWIN	134	158	175	180	67	86	95	110
GOGEBIC	67	104	130	160	27	51	54	81
GRAND TRAVERSE	119	129	130	132	74	79	85	81
HOUGHTON	117	144	154	167	53	69	78	83
IOSCO	155	203	223	239	66	95	113	118
IRON	119	157	184	257	33	51	63	95
KALKASKA	183	212	245	194	94	116	179	105
KEEFEAH	81	118	116	0	47	54	91	0
LAKE	162	185	211	204	68	87	117	110
LEELANAU	137	147	155	152	73	78	79	85
LUCE	179	274	306	424	72	125	148	237
MACKINAC	137	204	218	290	64	97	119	163
MANISTEE	127	139	151	181	68	76	81	105
MARQUETTE	136	245	301	282	45	73	95	105
MASON	110	129	134	157	63	80	88	104
MECOSTA	141	157	177	190	80	93	110	120
MENOMINEE	164	213	225	275	55	81	90	118
MISSAUKEE	165	197	218	218	86	108	125	138
MONTMORENCY	157	169	190	211	61	82	92	130
NEWAYGO	110	123	132	149	62	76	82	96
OCEANA	113	131	140	152	69	82	84	92
OGEMAH	163	198	220	224	71	97	111	132
ONTONAGON	131	183	215	247	48	79	96	111
OSCEOLA	161	192	214	204	80	101	115	121
OSCOLA	188	205	203	262	70	91	98	144
OTSEGO	210	241	232	267	77	94	102	115
PRESQUE ISLE	180	214	219	230	69	86	95	117
ROSCOMON	146	200	179	184	58	87	87	67
SCHOOLCRAFT	118	172	186	274	53	78	84	129
WEXFORD	149	164	207	174	79	85	100	97
TOTAL	140	168	184	196	66	85	96	110
MICHIGAN SOUTHERN REGION								
TOTAL	191	122	135	142	72	90	103	110
MICHIGAN								
TOTAL	110	132	145	152	70	89	100	110

* INCLUDES CROPLAND HARVESTED, CROPLAND PASTURED, AND CROPLAND NOT HARVESTED OR PASTURED.

TABLE 5 -- TOTAL ACRES AND TOTAL CROPLAND PER FARM,* WISCONSIN COUNTIES, NORTHERN REGION

COUNTY	TOTAL ACRES PER FARM				TOTAL CROPLAND ACRES PER FARM			
	1949	1959	1964	1969	1949 NUMBER	1959	1964	1969
ADAMS	214	235	253	288	99	110	124	147
ASHLAND	149	197	204	233	46	63	67	93
BAKERSHIRE	124	150	162	178	61	79	87	105
BAYFIELD	140	179	193	213	45	67	78	99
BROWN	98	122	129	135	75	96	104	111
BURNETT	145	174	187	194	51	65	73	90
CHIPEWA	153	181	198	210	75	94	104	123
CLARK	127	144	155	164	62	80	90	104
DOOR	114	122	128	139	73	81	85	98
DOUGLAS	122	165	184	228	46	75	79	106
EAU CLAIRE	141	163	169	183	88	103	110	122
FLORENCE	144	185	219	268	40	65	86	109
FOREST	133	209	213	307	38	70	74	101
IRON	125	204	234	276	43	69	78	118
JACKSON	169	208	223	250	87	103	111	127
JUNEAU	154	168	178	182	74	89	97	105
KEWANEE	110	120	127	139	82	90	96	109
LAMAR	146	193	200	218	59	86	96	113
LINCOLN	153	195	200	207	45	63	67	85
MARATHON	139	158	166	178	62	77	83	98
MATTHIAS	145	175	181	194	61	77	88	101
MENOMINEE	0	0	116	0	0	0	73	0
MONROE	128	147	153	168	71	85	92	105
ONEIDA	193	313	288	395	69	108	99	159
OUTASAMIE	128	123	130	139	78	93	101	110
POLK	135	159	172	179	59	73	83	97
PORTAGE	169	186	211	222	103	109	124	143
PRICE	130	173	184	199	31	46	50	67
RUSK	146	185	198	216	48	66	69	93
SAWYER	140	199	203	237	40	61	72	94
SHAWANO	136	155	164	170	68	81	88	100
TAYLOR	134	170	191	197	46	63	72	94
VILAS	111	139	124	182	34	51	38	72
WASHBURN	178	224	236	249	62	86	88	108
WAUPACA	133	148	152	163	71	84	88	98
WOOD	131	151	157	171	66	78	85	98
TOTAL	137	161	171	183	65	82	89	105
WISCONSIN SOUTHERN REGION								
TOTAL	138	160	171	182	85	101	109	124
WISCONSIN								
TOTAL	137	161	171	182	76	93	101	116

* INCLUDES CROPLAND HARVESTED, CROPLAND PASTURED, AND CROPLAND NOT HARVESTED OR PASTURED.

TABLE 6 -- TOTAL ACRES AND TOTAL CROPLAND PER FARM,* MINNESOTA COUNTIES, NORTHERN REGION

COUNTY	TOTAL ACRES PER FARM				TOTAL CROPLAND ACRES PER FARM			
	1949	1959	1964	1969	1949 NUMBER	1959	1964	1969
AITKIN	142	169	199	228	48	59	77	98
BECKER	191	222	239	275	99	118	129	168
BELTRAMI	170	220	251	282	61	89	104	135
BENTON	151	173	185	187	96	99	107	125
CAPLTON	120	159	175	197	44	58	64	89
CASS	171	219	244	280	54	78	89	120
CHISAGO	130	146	159	156	70	76	87	93
CLAY	303	352	405	463	251	290	334	399
CLEARWATER	182	227	253	290	72	96	112	135
COOK	116	150	161	0	46	45	49	0
CROW WING	142	181	201	255	50	67	78	106
DOUGLAS	156	176	193	216	100	114	126	155
GRANT	251	281	336	385	204	231	282	339
HURRAYD	178	217	229	248	73	93	96	109
ISANTI	142	161	167	163	76	87	93	96
ITASCA	117	145	160	231	37	47	56	103
KANABEC	150	181	197	200	55	65	75	84
KITTSON	400	494	599	705	301	382	457	565
KOOCHECHING	162	207	233	282	58	85	95	129
LAKE	82	125	133	147	23	35	37	63
LAKE OF THE WOODS	228	297	345	410	100	148	184	229
MAHNGMEN	271	308	344	417	133	178	209	290
MARSHALL	330	387	438	508	241	295	345	415
MILLE LACS	116	138	152	161	51	62	67	86
MORRISON	170	193	208	214	83	93	100	117
NORMAN	287	342	394	496	233	283	330	432
OTTER TAIL	183	209	230	246	109	125	139	161
PENNINGTON	291	354	384	408	198	259	289	330
PINE	145	180	197	220	54	71	77	103
POLK	302	371	422	472	234	297	342	398
RED LAKE	273	319	363	403	188	231	272	321
ROSFAU	265	320	368	419	163	212	252	306
ST. LOUIS	107	142	154	197	37	55	63	96
SHERBURNE	211	224	246	237	119	127	148	149
STEARNS	182	190	198	203	114	119	131	150
TODD	151	169	183	197	77	88	98	116
WADENA	178	201	228	238	80	93	110	122
WILKIN	368	401	458	534	332	368	420	497
TOTAL	194	233	260	295	113	144	164	204
MINNESOTA SOUTHERN REGION TOTAL	175	196	217	238	134	152	173	199
MINNESOTA TOTAL	183	211	234	260	125	149	169	201
UPPER GREAT LAKES REGION TOTAL	160	192	211	234	85	108	122	149

* INCLUDES CROPLAND HARVESTED, CROPLAND PASTURED, AND CROPLAND NOT HARVESTED OR PASTURED.

TABLE 7 -- VALUE OF FARM PRODUCTS SOLD, TOTAL AND PER FARM, MICHIGAN COUNTIES, NORTHERN REGION

COUNTY	TOTAL				PER FARM			
	1949	1959	1964	1969	1949	1959	1964	1969
	--1000 DOLLARS--				--DOLLARS--			
ALCONA	1714	1361	1451	1891	1592	2334	3471	5223
ALGER	846	821	760	887	1972	4413	5135	8483
ALPENA	2060	2381	3120	3452	1912	2797	4245	6736
ANTRIM	2588	2660	3244	3791	2400	3934	6640	11117
APENAC	2453	3305	5099	5318	2107	4242	8029	9776
RAPAGA	760	612	609	513	1374	2326	2985	3615
BENZIE	1415	1692	2054	1703	2615	5440	6690	7373
CHARLEVOIX	1740	1813	1620	1799	1782	3376	4000	6473
CHEBOYGAN	1178	1456	1314	1167	1377	3097	3890	5453
CHIPPEWA	1921	1580	2177	1991	1664	2375	3634	4965
CLARE	2011	2839	2886	3141	2588	4954	6179	7972
CRAWFORD	87	33	88	0	1318	916	3259	0
DELTA	2910	2509	3306	3394	2508	4098	6285	9100
DICKINSON	1074	1104	1803	1924	2223	4561	9152	11881
EMMET	1429	1312	2071	2344	1586	2452	5014	9453
GLADWIN	2224	2193	3142	3097	1942	2728	4724	6109
GOSPERIC	644	471	485	372	1303	2355	3514	5100
GRAND TRAVERSE	5008	5239	6625	6722	4174	5860	9265	10620
HOUGHTON	2576	2035	2035	1420	2097	2953	4153	5183
IOSCO	1147	1486	1880	2744	1647	3589	5611	8823
IRON	877	931	835	717	1291	3103	3883	6772
KALKASKA	792	726	1051	1430	1650	3184	7006	11728
KEWEENAW	50	14	11	0	925	1272	2200	0
LAKE	628	633	585	694	1447	2434	3656	4570
LEELANAU	2930	3410	4719	5684	3324	4417	7064	11124
LUCE	406	217	327	407	2569	3444	5542	14038
MACKINAC	611	492	581	882	1570	2603	4272	9000
MANISTEE	1867	2579	3719	4668	1922	4477	7097	12948
MARQUETTE	1095	991	816	681	1875	3717	5870	7028
MASON	3828	4237	5163	5497	2567	4452	5860	9024
MECOSTA	3826	4899	5484	7059	2288	4045	5706	8913
MENOMINEE	4478	4179	5413	5897	2420	3862	5864	10029
MISSAUKEE	2559	3209	4249	6114	2465	4847	7782	13678
MONTGOMERY	626	794	929	1051	1625	2856	3970	7847
NEWAYGO	4675	6494	8022	12268	2168	4340	6412	12122
OCEANA	5326	6788	8535	9495	2962	5225	7974	10989
OGEMAW	1778	2546	3135	3454	1984	3990	6159	9362
ONTONAGON	1279	850	866	983	1446	2225	3070	4944
OSCEOLA	3042	3660	4421	5440	2015	3532	5431	8206
OSCODA	521	1120	1021	852	1973	6363	5901	8975
OTSEGO	878	643	1202	1198	2070	2232	4518	6970
PRESQUE ISLE	2610	2646	2972	3110	2785	4083	5003	7514
ROSCOMMON	152	87	135	137	1310	1426	3000	2814
SCHOOLCRAFT	443	315	212	264	1511	2423	2185	4892
WEYFORD	1278	1441	1230	1971	1358	3105	3693	6030
TOTAL	PI950	90742	111417	127808	2151	3817	5776	8885
MICHIGAN SOUTHERN REGION								
TOTAL	391660	532226	654980	701574	3333	6044	8825	11039
MICHIGAN TOTAL	473610	622958	766397	829382	3043	5571	8196	10641

TABLE 8 -- VALUE OF FARM PRODUCTS SOLD, TOTAL AND PER FARM, WISCONSIN COUNTIES, NORTHERN REGION

COUNTY	TOTAL				PER FARM			
	1949	1959	1964	1969	1949	1959	1964	1969
<hr/> -----1969 DOLLARS-----								
ADAMS	2299	2830	3760	5220	2198	3882	6184	11274
ASHLAND	1807	1659	1886	2144	1742	2719	3512	6288
BARRON	15341	22785	24998	35257	3974	7335	9031	15289
RAYFIELD	3168	3161	3221	3319	2019	3523	3918	6746
BROWN	13280	16775	21716	26872	4313	7024	9998	14248
RUPNETT	7745	3398	3581	4087	2263	3611	4532	7260
CHIPPENWA	17956	17053	19809	27865	3760	6276	8062	13377
CLARK	17550	26795	28566	36528	3705	6913	8199	12257
DOOR	7476	10266	11460	12127	3585	5558	6721	9489
DOUGLAS	2800	2480	2539	2989	1826	3893	4169	8612
EAU CLAIRE	6622	10342	11255	14804	3183	6241	7303	11900
FLORENCE	645	654	911	1125	1632	3535	5915	10824
FOREST	1064	1134	1044	1044	1631	3957	4296	6613
IRON	659	847	556	599	1771	3030	4752	9080
JACKSON	6969	10594	10311	14620	3594	7271	7632	13450
JUNEAU	5103	7637	7473	9866	2712	5856	6442	9866
KEWAUNEE	7971	9978	12119	17228	4153	5914	7684	12502
LANGLADE	7677	9591	13576	12198	4840	8955	13967	16308
LINCOLN	4713	5080	5612	7194	2822	4290	5657	10005
MARATHON	23178	32456	38715	48785	3824	6462	8363	12933
MARINETTE	6251	6824	7549	8190	2645	4316	5798	8435
MENOMINEE	0	0	13945	0	0	0	3000	0
OCONTO	9687	12933	13945	17735	3443	5854	6920	10988
ONEIDA	1958	1880	3113	2487	3212	8355	14214	21080
OUTAGAMIE	17303	22928	23960	31783	5075	8209	9607	14851
POLK	12546	15276	16696	22966	3477	5508	6702	10931
PORTAGE	7776	12819	22212	20779	3047	6001	13158	15369
PRICE	3886	4363	5087	5866	1863	3459	4599	7569
RUSH	6012	7084	7574	9745	2823	4940	5879	9944
SAWYER	1631	2177	2744	3641	1605	4123	5692	11068
SHAWANO	14544	18923	20493	24968	4151	6511	7815	12422
TAYLOR	8009	10070	12408	15458	2795	4836	6667	10757
VILAS	364	413	846	1521	1433	4130	7906	23050
WASHBURN	2971	3660	4155	4353	2528	4734	5978	9443
WAUPACA	12960	14753	17075	21982	4107	5965	7656	11135
WOOD	8944	12969	13002	16388	3378	6015	6768	11125
TOTAL	259951	342177	394087	491732	3388	5983	7267	12047

WISCONSIN
SOUTHERN REGION

TOTAL	504689	618928	704470	963658	5495	8360	10424	16570
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WISCONSIN TOTAL	764631	961105	1098557	1455390	4536	7324	9018	14705
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TABLE 9 -- VALUE OF FARM PRODUCTS SOLD, TOTAL AND PER FARM, MINNESOTA COUNTIES, NORTHERN REGION

COUNTY	TOTAL				PER FARM			
	1949	1959	1964	1969	1949	1959	1964	1969
	1970 DOLLARS				DOLLARS			
AITKIN	4542	5283	5379	5514	2057	3864	4751	6971
BECKER	8978	11473	13584	17725	3120	5103	6380	10874
BELTRAMI	3086	3970	3514	4622	1555	3358	3293	5727
BENTON	5662	7903	8405	12714	3747	6000	6827	11707
CARLTON	4263	3797	4166	4044	2172	3081	3696	5736
CASS	3375	3829	3728	5272	1732	3155	3583	8123
CHISAGO	6626	9090	8264	9486	3660	5641	6507	8592
CLAY	15924	18537	24113	29012	7674	10443	15678	21570
CLEARWATER	3163	4180	4536	5657	2096	3758	4369	7062
COOK	61	6	11	0	1016	240	733	0
CROW WING	2923	4127	3816	4471	1745	4122	4500	7097
DOUGLASS	17992	12135	12944	16840	4090	5963	6881	10532
GRANT	8340	10309	10566	13828	6214	8751	10781	16541
HUBBARD	2375	2088	2273	2460	1731	2708	3026	4556
ISANTI	5191	5778	6675	7749	3041	4424	5749	8097
ITASCA	2548	2220	240	2781	1152	1837	2314	5159
KANABEC	4201	4944	5443	6867	2696	4291	5525	7621
KITTSON	9439	8966	11381	12420	7059	8654	12730	16088
KOGCHICHING	1532	1493	1296	1204	1443	2661	2763	4510
LAKE	757	126	394	231	1061	1369	3534	5150
LAKE OF THE WOODS	1909	1691	1502	1495	2525	3851	3861	5865
MAHNOVEN	3040	3957	4890	6605	3453	5526	7534	12511
MARSHALL	12118	15075	18065	21719	4720	7293	9588	12540
MILLE LACS	5530	6379	7214	9437	2841	4423	5308	8426
MORRISON	9069	14083	14602	21320	2912	5272	5688	9935
NORMAN	17080	12787	14661	19118	5413	8704	11064	18019
OTTAWA TAIL	26105	30109	34203	45460	4091	5864	7238	11244
PENNINGTON	3496	5140	6142	8191	2927	6011	7108	10026
PINE	7078	8153	8834	10796	2406	3915	4929	8887
POLK	22506	31749	39326	42107	5806	10169	14217	17834
PED LAKE	3082	3686	4326	5635	3375	5311	6738	9958
ROSEAU	7315	8153	9528	11248	3116	4795	6740	8457
ST. LOUITS	6284	4007	4769	4391	1341	1861	2586	6799
SHEPBURNE	4074	4565	7393	10456	3605	5134	9441	15460
STEARNS	22009	29349	36479	55237	4872	7106	9263	15446
TODD	12468	15247	16571	22847	3480	5060	5965	9615
WADENA	3973	4655	5460	8124	2632	4205	5669	10118
WILKIN	9209	11437	13517	15808	7437	10340	13978	18955
TOTAL	271763	329476	380159	483091	3465	5684	7249	11373
MINNESOTA SOUTHERN REGION								
TOTAL	688789	882273	995449	1264749	6840	10060	12644	18525
MINNESOTA								
TOTAL	960551	1211749	1375608	1747840	5363	8318	10487	15782
UPPER GREAT LAKES REGION								
TOTAL	613664	752395	885683	1102631	3175	5488	7031	11288

TABLE 10 -- DISTRIBUTION OF FARMS BY ECONOMIC CLASS, 1949, MICHIGAN COUNTIES, NORTHERN REGION

COUNTY	TOTAL	VALUE OF FARM PRODUCTS SOLD							
		CLASS I		CLASS II		CLASS III		CLASS IV	
		\$25,000 OR MORE	\$10,000 TO \$24,999	\$5,000 TO \$9,999	\$2,500 TO \$4,999	\$1,200 TO \$2,499	\$500 TO \$1,199	PART-TIME	OTHER
	NUMBER	PERCENT							
ALCONA	825	.0	.0	4.5	15.4	26.7	18.5	16.8	18.1
ALGER	429	.0	2.3	9.6	21.4	14.2	11.9	14.7	25.9
ALPENA	1077	.0	1.3	6.8	15.2	31.8	14.9	13.4	16.6
ANTRIM	1078	.6	2.1	6.8	21.7	19.5	10.8	17.1	21.4
ARENAC	1164	.1	1.2	6.8	23.9	10.7	19.5	19.3	10.5
RARAGA	553	.0	.0	2.5	16.8	22.6	8.3	29.1	20.6
RENZTE	541	2.0	5.4	4.4	8.3	14.2	12.9	20.0	32.9
CHARLEVOIX	976	.5	1.1	2.7	11.8	24.5	16.5	15.4	27.6
CHEBOYGAN	855	.1	.4	2.7	9.2	19.9	19.4	26.3	22.0
CHIPPEWA	1154	.0	1.0	5.2	21.6	18.1	17.2	22.4	14.5
CLARE	777	1.3	.4	6.0	21.1	26.4	17.2	14.5	13.0
CRAWFORD	66	.0	.0	.0	9.1	27.3	13.6	22.7	27.3
DELTA	1160	.8	2.6	8.0	27.8	20.1	11.3	13.4	15.9
DICKINSON	483	.0	.8	13.7	16.8	22.2	15.9	20.5	10.1
EMMET	901	.0	1.8	3.1	11.2	20.9	14.0	22.2	26.9
GLADWIN	1145	.1	1.4	8.6	21.4	22.8	15.5	13.5	16.6
GOGERIC	494	.8	.8	.8	5.9	27.7	6.7	29.6	27.7
GRAND TRAVERSE	1200	4.8	8.7	10.7	15.2	15.4	11.1	16.7	17.3
HOUGHTON	1228	1.4	2.9	5.0	14.2	12.7	10.6	16.0	16.9
IOSCO	696	.0	.3	7.6	11.5	26.7	18.1	15.4	20.4
IRON	679	.9	.9	3.4	7.2	23.1	12.8	19.1	32.5
KALKASKA	480	1.0	1.0	1.9	16.0	16.9	24.2	12.7	26.2
KEWEENAW	54	.0	.0	.0	7.4	24.1	.0	22.2	46.3
LAKE	434	.9	.0	2.5	13.4	22.1	25.5	9.7	25.8
LEELANAU	884	2.5	6.1	10.0	13.8	19.8	18.8	17.2	11.9
LUCE	159	.6	.6	.0	13.3	22.2	8.9	20.3	34.2
MACKINAC	349	.0	1.3	8.5	13.4	20.6	18.0	18.5	19.8
MANISTEE	971	.7	.5	6.9	16.4	20.8	14.3	19.1	21.3
MARQUETTE	584	1.0	1.9	3.6	8.2	24.5	11.8	14.2	34.8
MASON	1491	.3	3.4	8.9	24.0	22.8	15.2	12.9	12.5
MFCOSTA	1672	.0	1.7	7.5	22.4	25.8	17.0	12.1	13.3
MENOMINEE	1850	.6	2.3	9.0	23.9	28.8	10.1	9.9	15.5
MISSAUKFE	1038	.7	.6	9.8	24.0	24.4	14.2	13.2	13.2
MONTMORENCY	385	.0	.0	3.4	20.0	19.5	16.9	24.2	16.1
NEWAYGO	2156	.2	1.1	6.7	18.8	21.8	12.0	16.9	20.6
OCEANA	1798	.7	5.5	11.8	18.4	16.2	12.0	18.6	16.6
OGFMH	896	.1	.8	6.0	21.7	29.5	14.0	10.3	17.7
ONTONAGON	884	.0	.5	4.1	19.3	25.8	9.8	14.3	26.2
OSCEOLA	1509	.0	.2	5.4	24.5	28.6	14.6	17.7	9.0
OSCODA	264	.0	.0	7.6	29.9	17.4	12.5	25.8	7.2
OTSEGO	424	.5	.2	3.3	14.9	40.1	14.4	10.4	16.3
PRESQUE ISLE	937	.1	2.0	14.1	25.4	25.0	9.7	11.5	12.1
ROSCOMMON	116	.0	.0	2.6	3.4	21.6	31.0	16.4	25.0
SCHOOLCRAFT	293	.0	.0	4.4	17.1	13.0	13.0	16.4	36.2
WEXFORD	941	.0	.4	2.0	13.2	24.4	15.5	22.7	21.7
TOTAL	38089	.6	1.8	6.7	18.3	23.2	14.2	16.6	18.4
MICHIGAN									
SOUTHERN PEGTON									
TOTAL	117500	.7	4.6	15.9	22.2	18.3	8.2	14.6	15.1
MICHIGAN									
TOTAL	155589	.6	3.9	13.6	21.2	19.5	9.7	15.1	15.9

TABLE 11 -- DISTRIBUTION OF FARMS BY ECONOMIC CLASS, 1949, WISCONSIN COUNTIES, NORTHERN REGION

COUNTY	TOTAL	VALUE OF FARM PRODUCTS SOLD											
		CLASS I		CLASS II		CLASS III		CLASS IV		CLASS V	CLASS VI	PART-TIME	OTHER
		\$25 000 OR MORE	\$10 000 TO \$24 999	\$10 000 TO \$24 999	\$5 000 TO \$9 999	\$2 500 TO \$4 999	\$1 200 TO \$2 499	\$50 TO \$1 199					
		NUMBER							PERCENT				
ADAMS	1041	.1	1.3	5.4	20.2	27.4	15.4	16.9					
ASHLAND	1037	.0	.1	2.9	23.9	29.8	11.7	11.7					
BARRON	3985	.3	3.5	24.6	36.7	17.5	5.3	5.8					
RAYFIELD	1567	.0	1.1	4.7	22.8	29.7	11.9	17.6					
BROWN	3079	.2	4.0	30.6	33.4	14.2	4.2	7.0					
BURNETT	1478	.3	1.3	6.0	25.8	27.1	13.9	7.2					
CHIPPEWA	3445	.1	3.3	23.9	35.9	16.7	5.2	8.4					
CLARK	4738	.5	.9	23.3	41.1	18.5	6.1	4.0					
DOOR	2085	.7	3.5	17.9	36.5	20.9	6.2	8.4					
DOUGLAS	1533	.3	1.2	4.7	18.3	18.7	13.1	18.7					
EAU CLAIRE	7080	.3	1.9	17.0	29.2	25.5	7.6	10.0					
FLORENCE	395	.0	.0	3.8	15.4	30.9	10.1	18.2					
FOREST	652	.0	1.1	4.8	21.2	19.6	11.8	13.8					
IRON	372	.0	2.2	4.3	14.0	23.7	10.8	30.4					
JACKSON	1939	.4	4.1	19.7	32.9	20.4	8.2	7.8					
JUNEAU	1881	.6	2.0	13.1	30.2	19.8	12.0	12.9					
KEWAUNEE	1919	.0	3.0	28.6	40.5	16.6	5.0	5.0					
LANGLADE	1586	1.6	5.0	17.5	34.5	17.8	6.2	6.7					
LINCOLN	1670	.0	1.9	14.0	29.8	30.4	6.2	9.3					
MARATHON	6061	.2	2.0	23.1	42.0	18.0	4.2	6.1					
MARINETTE	2363	.3	.6	12.4	25.9	25.2	11.9	11.3					
OCONTO	2813	.4	2.4	18.0	34.7	24.5	7.5	7.0					
ONEIDA	607	2.3	3.6	6.1	11.5	18.1	8.2	15.3					
OUTAGAMIE	3409	.6	7.8	34.2	31.5	11.7	2.7	5.4					
POLK	3608	.0	1.7	22.0	36.1	20.6	7.3	6.7					
PORTAGE	2552	.2	2.0	12.1	32.2	25.2	11.5	8.0					
PRICE	2085	.0	.5	2.9	23.0	31.3	72.2	12.2					
RUSK	7129	.3	.7	11.9	34.4	26.2	8.2	10.1					
SAWYER	1016	.4	.1	3.4	12.9	31.2	17.4	13.2					
SHAWANO	3503	.2	3.7	28.7	35.6	17.8	5.0	4.2					
TAYLOR	2865	.2	.7	11.4	35.3	27.1	9.2	8.2					
VILAS	254	.0	5.9	2.8	2.8	9.8	15.7	29.1					
WASHBURN	1175	.7	1.3	8.9	26.2	28.2	10.1	8.9					
WAUPACA	3155	.4	4.7	23.5	35.8	18.8	4.4	5.9					
WOOD	2647	.3	2.3	16.4	38.9	19.3	5.2	8.3					
TOTAL	76725	.3	2.5	18.4	32.9	21.1	7.5	8.4					
WISCONSIN SOUTHERN REGION													
TOTAL	91835	.9	10.6	33.0	29.1	11.9	4.1	5.3					
WISCONSIN													
TOTAL	168561	.7	6.9	26.3	30.8	15.1	5.7	6.7					

TABLE 12 -- DISTRIBUTION OF FARMS BY ECONOMIC CLASS, 1949, MINNESOTA COUNTIES, NORTHERN REGION

COUNTY	TOTAL	VALUE OF FARM PRODUCTS SOLD							
		CLASS I		CLASS II		CLASS III		CLASS IV	
		\$25,000 OR MORE	\$10,000 TO \$24,999	\$10,000 TO \$9,999	\$5,000 TO \$9,999	\$2,500 TO \$4,999	\$1,200 TO \$2,499	\$50 TO \$1,199	OTHER
NUMBER		PERCENT							
AITKIN	2207	.5	.9	2.6	19.5	30.0	15.3	18.0	17.4
BECKER	2877	.2	3.1	14.9	26.6	27.5	11.9	7.2	8.6
BELTRAMI	1984	.5	1.2	3.4	16.1	27.7	14.3	19.5	17.4
BENTON	1511	.6	5.0	21.2	41.9	17.1	3.3	7.7	3.2
CARLTON	1962	.6	2.1	8.3	19.6	22.6	8.3	19.0	19.6
CASS	1948	.5	.5	5.0	16.3	24.5	18.2	16.3	18.7
CHISAGO	1610	.8	3.0	23.1	26.9	28.6	5.2	11.9	4.5
CLAY	2075	4.7	17.3	28.4	27.9	13.9	4.2	2.2	1.3
CLEARWATER	1516	.3	1.6	5.5	25.3	28.4	17.7	14.8	6.3
COOK	60	.0	.0	.0	35.0	.0	.0	55.0	10.0
CROW WING	1675	.4	.7	4.1	16.3	18.1	14.2	20.0	26.2
DOUGLAS	2445	.1	5.2	28.6	29.9	18.3	7.6	5.9	4.5
GRANT	1342	.8	14.0	39.6	28.5	8.4	5.0	1.4	2.3
HUBBARD	1331	.0	.1	3.5	23.1	27.0	16.8	14.6	15.0
ISANTI	1707	.3	1.7	14.2	35.7	23.8	8.5	8.0	7.7
ITASCA	2210	.0	.9	1.7	7.0	20.9	12.9	21.3	35.4
KANAREC	1558	.1	1.0	6.3	36.6	30.5	10.6	7.5	7.4
KITTSON	1337	3.4	14.4	25.4	28.2	14.7	7.1	5.5	1.3
KOOCHICHING	1061	.6	1.0	4.1	17.6	19.1	12.9	18.4	26.2
LAKE	242	.0	.0	.0	1.7	2.1	17.4	24.0	55.0
LAKE OF THE WOODS	756	.0	2.9	13.9	22.6	17.6	15.7	17.7	9.5
MAHOMEN	883	.5	2.3	15.2	37.8	25.9	7.4	8.3	2.7
MARSHALL	2567	1.3	8.1	20.1	32.9	20.9	8.3	4.9	3.5
MILLE LACS	1946	.1	.5	10.7	35.8	24.6	9.1	11.6	7.6
MORRISON	3225	.0	.9	15.3	37.1	24.0	9.0	8.1	5.6
NORMAN	1862	1.3	10.8	23.5	32.7	18.3	7.2	5.2	1.1
OTTER TAIL	6380	.7	4.7	23.4	35.3	20.7	7.4	4.4	3.4
PENNINGTON	1194	.3	1.6	14.2	34.6	28.6	7.0	7.7	5.9
PINE	2941	.1	1.9	9.6	27.2	3.2	11.2	.1	7.6
POLK	3876	2.8	11.1	19.3	31.7	18.3	9.3	4.7	2.7
RED LAKE	913	.2	3.2	16.4	32.9	27.1	10.4	5.4	4.5
ROSEAU	2347	.7	3.2	15.1	29.6	24.4	12.8	7.2	7.0
ST. LOUIS	4686	.2	.7	2.5	11.5	20.1	9.8	20.7	34.5
SHERBURNE	1130	.5	4.5	20.0	31.6	17.7	9.7	8.3	7.6
STEAPNS	4517	.0	5.3	39.0	35.6	11.3	2.9	3.5	2.5
TODD	3582	.1	1.9	21.2	36.9	23.3	7.8	4.4	4.3
WADEA	1509	.3	1.5	9.8	25.6	31.5	13.5	9.7	8.2
WILKIN	1237	2.3	18.4	48.8	19.9	7.0	1.7	1.2	.6
TOTAL	78409	.7	4.2	16.6	28.0	20.6	9.4	9.3	9.8
MINNESOTA SOUTHERN REGION TOTAL	100692	1.6	17.5	39.3	23.1	8.4	3.3	3.6	3.1
MINNESOTA TOTAL	179101	1.2	11.7	29.4	25.2	13.7	6.0	6.1	6.0
UPPER GREAT LAKES REGION TOTAL	193223	.8	7.8	25.3	27.3	16.8	7.0	11.4	11.6

TABLE 13 --DISTRIBUTION OF FARMS BY ECONOMIC CLASS, 1959, MICHIGAN COUNTIES, NORTHERN REGION

COUNTY	TOTAL	VALUE OF FARM PRODUCTS SOLD							
		CLASS I		CLASS II		CLASS III		CLASS IV	
		\$40000 OR MORE	\$39999	\$20000 TO \$19999	\$19999	\$10000 TO \$9999	\$9999	\$5000 TO \$4999	\$2500 TO \$2499
NUMBER		PERCENT							
ALCONA	583	.0	.0	3.4	7.8	13.6	14.5	40.2	20.4
ALGER	186	.0	.0	10.5	24.1	13.1	2.6	31.4	18.3
ALPENA	851	.0	.0	5.4	8.3	26.8	8.9	39.3	11.3
ANTRIM	676	.3	3.1	7.4	12.9	22.5	5.2	35.5	13.3
ARENAC	779	.8	1.9	5.0	18.2	20.1	10.2	28.9	15.1
RARAGA	263	.0	.0	.0	8.0	30.9	5.7	36.3	19.1
BENzie	311	.3	3.7	5.1	15.2	11.8	10.1	42.1	11.8
CHARLEVOIX	537	.0	2.0	5.1	11.9	24.4	5.9	32.2	18.6
CHEBOYGAN	470	.4	.0	1.7	15.8	14.7	9.5	47.5	10.5
CHIPPEWA	665	.0	.8	1.8	11.4	20.3	8.3	42.3	15.1
CLARKE	573	1.0	1.8	11.2	11.9	19.3	7.7	35.3	11.7
CRAWFORD	36	.0	.0	.0	.0	.0	.0	85.7	14.3
DELTA	612	.0	.8	6.1	14.6	34.0	8.2	24.9	11.4
DICKINSON	242	.0	4.1	10.2	14.2	20.7	8.1	26.4	16.3
EMMET	535	.0	.0	6.8	8.0	17.0	9.5	46.4	12.3
GLADWIN	800	.0	.6	5.0	9.5	21.2	9.5	38.7	15.6
GOGEBIC	200	2.4	.0	4.9	4.9	21.8	7.3	46.1	12.6
GRAND TRAVERSE	894	1.8	5.7	13.2	16.3	16.9	5.1	34.9	6.2
HOUGHTON	689	.2	.8	3.0	9.8	24.0	16.5	36.8	9.0
IOSCO	414	.5	.2	8.6	15.7	14.3	8.6	40.4	11.9
IRON	300	.0	1.7	2.0	5.4	16.8	13.5	52.2	8.4
KALKASKA	228	.9	.0	6.7	4.9	25.3	6.7	37.8	17.8
KEWEENAW	11	.0	.0	.0	.0	.0	.0	100.0	.0
LAKE	260	.0	1.9	.0	5.6	15.4	16.9	43.2	16.9
LEELANAU	772	.0	3.4	6.8	12.9	19.0	9.5	34.0	14.3
LUCE	63	.0	1.7	3.4	17.2	8.6	8.6	51.7	8.6
MACKINAC	189	.0	.0	1.0	13.0	23.4	.0	49.5	13.0
MANISTEE	576	1.4	1.7	7.8	10.4	17.3	10.4	38.9	12.1
MARQUETTE	237	.4	8.5	3.2	6.1	16.6	4.0	48.6	12.6
MASON	965	1.2	2.1	9.2	10.8	19.2	9.5	35.2	12.8
MECOSTA	1211	.7	2.1	9.2	14.6	17.9	6.8	36.3	12.5
MENOMINEE	1082	.0	.6	3.1	25.4	28.1	11.6	19.5	11.7
MISSAUKEE	662	.9	.3	9.8	19.4	23.5	7.3	24.9	13.9
MONTMORENCY	278	.0	.0	3.5	11.3	31.9	8.9	33.7	10.6
NEWAYGO	1496	.8	3.1	8.2	12.7	16.1	7.9	36.6	14.7
OCEANA	1299	1.3	4.0	11.0	17.2	19.2	3.5	36.1	11.7
OGEMAH	638	.2	1.9	9.8	15.0	15.2	10.3	34.9	12.8
ONTONAGON	382	.0	.0	1.6	11.8	18.6	10.5	34.0	23.6
OSCEOLA	1036	.0	.5	7.1	16.1	20.4	10.2	29.2	16.5
OSCORA	176	.5	2.7	13.7	11.0	30.2	5.5	27.5	8.8
OTSEGO	288	.0	.0	3.7	8.1	20.2	5.5	40.4	22.1
PRESQUE ISLE	648	.0	2.6	5.4	18.6	26.3	11.5	26.2	9.4
POSCOMMON	61	.0	.0	.0	.0	21.6	9.8	19.6	49.0
SCHOOLCRAFT	130	.0	.0	4.0	12.0	24.0	4.0	40.0	16.0
WEXFORD	464	.2	.0	2.4	9.7	18.4	10.8	39.0	19.5
TOTAL	23768	.5	1.7	6.5	13.4	20.2	8.7	35.4	13.6
MICHIGAN									
SOUTHERN REGION									
TOTAL	88049	1.1	3.9	12.7	18.4	19.2	4.9	29.2	10.6
MICHIGAN									
TOTAL	111817	1.0	3.4	11.4	17.3	19.4	5.7	30.5	11.3

TABLE 14 --DISTRIBUTION OF FARMS BY ECONOMIC CLASS, 1959, WISCONSIN COUNTIES, NORTHERN REGION

COUNTY	TOTAL	VALUE OF FARM PRODUCTS SOLD							
		CLASS I \$40,000 OR MORE	CLASS II \$20,000 TO \$39,999	CLASS III \$10,000 TO \$19,999	CLASS IV \$5,000 TO \$9,999	CLASS V \$2,500 TO \$4,999	CLASS VI \$500 TO \$2499	PART-TIME	OTHER
		NUMBER	PERCENT						
ADAMS	729	.8	.1	6.1	16.4	21.3	7.6	29.3	18.3
ASHLAND	610	.0	.0	4.4	10.4	27.4	13.6	34.0	10.2
BARRON	3106	1.3	1.8	12.6	34.8	24.5	6.2	12.4	6.4
BAYFIELD	897	.0	.1	3.5	18.7	31.7	6.9	32.8	6.2
BROWN	2388	.2	2.5	18.8	35.2	22.7	3.8	11.9	4.9
BURNETT	939	.0	.0	6.2	20.4	25.9	9.9	23.2	14.4
CHIPPEWA	2717	.4	2.1	16.6	31.3	22.8	7.5	14.7	4.5
CLARK	3876	.3	1.3	14.6	43.7	24.5	3.6	7.4	4.7
DOOR	1847	.4	1.6	7.7	27.2	24.0	2.4	27.7	8.5
DOUGLAS	637	.2	.9	4.7	18.2	35.6	1.6	30.9	7.9
EAU CLAIRE	1657	.2	.9	13.8	31.5	19.5	8.4	18.9	6.9
FLORENCE	185	.0	.0	5.4	10.8	24.3	13.5	40.5	5.4
FOREST	294	.4	.0	5.6	18.0	28.5	5.3	28.2	14.1
IRON	149	.7	.7	.0	20.4	17.0	6.8	40.8	13.6
JACKSON	1457	.9	3.6	17.6	30.4	26.8	6.3	8.4	5.9
JUNEAU	1304	.3	1.5	11.6	35.0	20.4	6.9	18.5	5.8
KEWAUNEE	1687	.0	.9	12.2	37.6	29.3	5.4	12.8	1.8
LANGLADE	1071	3.8	5.6	14.4	37.9	19.2	1.4	10.3	7.5
LINCOLN	1184	.1	.5	5.3	26.8	33.5	6.3	20.7	6.8
MARATHON	5022	.4	.1	12.9	40.8	26.6	4.2	10.4	4.7
MARINETTE	1581	.3	.7	6.7	26.2	25.8	7.3	23.2	9.6
OCONTO	2209	.5	2.0	10.0	32.7	29.1	7.3	12.0	6.4
ONEIDA	225	5.0	2.7	2.7	9.5	4.5	6.8	40.9	27.7
OUTAGAMIE	2793	.4	2.9	27.3	36.7	17.6	1.8	11.8	1.6
POLK	2773	.4	.5	11.3	33.6	26.0	4.4	15.3	8.5
PORTAGE	2136	1.1	2.2	8.5	30.3	24.8	4.7	19.3	9.1
PRICE	1261	.1	.1	1.3	21.3	31.5	13.8	20.9	11.0
RUSK	1434	.1	.4	6.5	31.2	31.3	7.8	13.1	9.6
SAWYER	528	2.4	.0	1.1	17.9	29.6	10.4	20.7	17.9
SHAWANO	2906	.4	1.5	15.7	37.4	25.9	3.5	9.4	6.1
TAYLOR	2082	.0	.0	3.9	37.9	32.1	7.7	11.4	7.5
VILAS	100	5.6	.0	5.6	5.6	16.7	5.6	61.1	.0
WASHBURN	773	.5	1.1	3.3	29.0	29.8	6.6	16.5	13.2
WAUPACA	2473	.5	1.4	13.9	33.9	23.3	5.3	13.9	7.8
WOOD	2156	.9	.9	12.7	29.9	25.8	4.1	17.9	7.8
TOTAL	57185	.5	1.3	11.9	32.7	25.5	5.6	15.5	7.0
 WISCONSIN SOUTHERN REGION									
TOTAL	74030	1.0	4.7	22.9	33.5	18.6	3.7	10.2	5.6
 WISCONSIN									
TOTAL	131215	.8	3.2	18.1	33.2	21.6	4.5	12.5	6.2

TABLE 15 -- DISTRIBUTION OF FARMS BY ECONOMIC CLASS, 1959, MINNESOTA COUNTIES, NORTHERN REGION

COUNTY	TOTAL	VALUE OF FARM PRODUCTS SOLD							
		CLASS I \$40000 OR MORE	CLASS II \$20000 TO \$39999	CLASS III \$10000 TO \$19999	CLASS IV \$5000 TO \$9999	CLASS V \$2500 TO \$4999	CLASS VI \$50 TO \$2499	PART-TIME	OTHER
		NUMBER	PERCENT						
AITKIN	1367	1.5	1.4	2.6	11.5	21.6	14.8	31.7	14.8
BECKER	2248	.8	2.2	7.5	21.2	24.9	14.4	20.0	9.0
BELTRAMI	1182	.0	.8	6.2	14.0	25.1	24.6	22.5	6.9
BENTON	1317	.1	1.2	11.2	34.5	22.3	7.3	15.4	8.1
CARLTON	1232	.1	.4	3.3	18.8	17.5	6.5	44.9	8.6
CASS	1141	.1	.0	3.1	13.4	22.6	15.3	35.3	10.2
CHISAGO	1434	.2	.7	12.1	29.2	21.8	5.2	18.7	12.1
CLAY	1775	3.5	10.8	20.4	27.5	19.7	3.9	8.6	5.5
CLEARWATER	1112	.6	.5	4.1	16.3	32.9	13.4	23.1	9.2
COOK	25	.0	.0	.0	.0	.0	25.0	75.0	.0
CROW WING	1001	.3	1.1	3.9	17.5	19.0	11.2	36.4	10.7
DOUGLAS	2035	.3	1.1	10.8	34.0	26.7	11.0	10.0	6.1
GRANT	1178	1.6	4.8	16.6	36.8	26.4	3.9	3.9	6.1
HUBBARD	771	2.0	.7	.8	12.4	22.8	17.0	32.0	12.4
ISANTI	1306	.7	1.3	5.4	18.8	24.5	11.7	26.0	11.7
ITASCA	1208	.1	.1	1.7	3.5	14.9	12.8	56.7	10.2
KANABEC	1152	.1	.9	7.1	19.8	37.0	7.6	19.6	8.0
KITTSON	1036	1.6	7.5	16.9	20.8	21.4	10.9	13.7	7.3
KOOCHICHING	561	.0	.0	3.0	15.3	19.1	6.6	40.7	15.2
LAKE	92	.0	.0	5.9	5.9	.0	5.9	70.6	11.8
LAKE OF THE WOODS	439	.2	2.1	9.0	16.2	13.2	9.3	36.0	13.9
MAHOMEN	716	.6	1.6	9.6	24.2	26.6	12.9	16.5	7.9
MARSHALL	2067	2.2	3.8	17.7	24.1	23.6	8.5	14.6	5.4
MILLE LACS	1442	.4	.7	3.4	28.1	32.0	8.0	18.7	8.7
MORRISON	2671	.3	.6	8.5	29.9	31.6	9.9	14.4	4.9
NORMAN	1469	2.5	6.1	21.5	22.3	24.8	6.5	9.2	7.1
OTTER TAIL	5134	.7	1.8	11.0	29.9	25.7	12.2	10.5	8.2
PENNINGTON	855	1.8	1.6	15.7	18.3	24.4	10.1	19.9	8.2
PINE	2082	.5	.5	4.0	22.0	28.7	13.4	21.5	9.5
POLK	3122	5.4	8.4	14.1	25.8	19.8	7.8	10.1	8.6
RED LAKE	694	.1	1.0	11.8	30.1	27.1	10.9	11.6	7.3
ROSEAU	1700	.2	2.4	5.9	21.6	24.1	16.6	22.7	6.4
ST. LOU.S.	2153	.0	.8	2.2	4.5	14.2	9.5	52.5	16.3
SHERBURNE	889	.2	1.2	13.4	25.1	18.1	7.6	28.6	5.9
STEARN.S	4130	.6	1.8	13.4	45.6	22.0	4.3	8.9	3.4
TODD	3013	.0	1.2	8.2	30.5	29.3	10.7	11.5	8.7
WADENA	1107	.4	.0	7.2	17.5	32.3	12.2	19.2	11.2
WILKIN	1106	1.6	9.0	32.9	34.8	14.0	1.8	3.6	2.4
TOTAL	57962	1.0	2.4	10.0	24.9	24.1	10.1	19.3	8.3
MINNESOTA SOUTHERN REGION TOTAL	87700	2.0	7.0	25.8	34.3	16.3	3.9	6.6	4.0
MINNESOTA TOTAL	145662	1.6	5.2	19.5	30.6	19.4	6.4	11.7	5.7
UPPER GREAT LAKES REGION TOTAL	138915	.7	1.8	10.2	26.2	24.0	8.0	20.5	8.6

TABLE 16 --DISTRIRUTTION OF FARMS BY ECONOMIC CLASS, 1964, MICHIGAN COUNTIES, NORTHERN REGION

COUNTY	TOTAL	VALUE OF FARM PRODUCTS SOLD							
		CLASS I \$40000 OR MORE	CLASS II \$20000 TO \$39999	CLASS III \$10000 TO \$19999	CLASS IV \$5000 TO \$9999	CLASS V \$2500 TO \$4999	CLASS VI \$50 TO \$2499	PART-TIME	OTHER
		NUMBER	PERCENT						
ALCONA	418	.0	1.4	6.0	13.2	19.1	14.6	28.2	17.5
ALGER	148	.0	.0	12.2	29.7	16.9	9.5	23.0	8.8
ALPENA	728	.3	1.6	10.2	13.7	20.2	10.0	31.5	12.5
ANTONIM	490	3.1	4.1	9.4	15.7	17.3	9.0	28.4	13.1
ARENAC	635	1.7	6.6	19.5	18.3	18.3	8.7	18.9	8.0
BARAGA	204	.0	.5	3.9	14.7	21.1	13.7	31.4	14.7
BENZIE	307	3.9	5.2	6.2	12.4	15.3	9.4	29.0	18.6
CHARLEVOIX	405	.5	3.2	6.2	10.9	17.0	11.1	34.1	17.0
CHEBOYGAN	339	1.5	.9	4.4	11.5	15.9	15.0	38.1	12.7
CHIPPEWA	599	.3	1.3	6.7	12.7	21.0	13.5	32.9	11.5
CLARE	467	1.7	5.4	9.4	16.3	21.6	10.3	24.4	10.9
CRAWFORD	27	3.7	.0	.0	.0	25.9	3.7	55.6	11.1
DELTA	526	1.9	4.2	9.5	20.0	20.3	10.6	24.1	9.3
DICKINSON	197	5.6	4.6	16.2	18.3	19.3	7.6	19.3	9.1
EMMET	413	1.7	4.6	8.5	8.2	13.1	13.6	36.6	13.8
GLADWIN	665	.8	3.2	9.6	13.0	20.6	10.1	31.3	10.7
GOGEVIC	138	.7	2.2	4.3	15.9	15.9	10.9	34.8	15.2
GRAND TRAVERSE	715	5.0	8.8	12.4	14.8	16.9	8.4	25.0	8.5
HOUGHTON	490	.6	1.6	7.1	14.3	21.6	17.3	23.3	14.1
IOSCO	335	.6	3.9	9.0	13.4	21.8	11.0	28.7	11.6
IPON	215	.9	.9	4.2	13.0	16.7	20.9	31.6	11.6
KALKASKA	150	2.7	2.7	10.7	7.3	14.7	19.3	28.0	14.7
KEWEENAW	5	.0	.0	.0	20.0	20.0	40.0	20.0	.0
LAKE	160	.6	1.9	5.6	9.4	21.9	16.3	29.4	15.0
LEELANAU	668	1.9	6.4	13.0	17.4	15.4	9.0	24.1	12.6
LUCE	59	3.4	1.7	8.5	6.8	10.2	5.1	44.1	20.3
MACKINAC	136	.0	.7	11.8	21.3	13.2	11.0	25.0	16.9
MANISTEE	524	2.7	4.4	9.7	10.1	13.9	13.2	33.6	12.4
MARQUETTE	139	1.4	4.3	8.6	12.2	12.2	14.4	29.5	17.3
MASON	881	2.1	4.5	10.0	15.4	16.2	8.9	26.8	16.2
MECOSTA	961	1.2	4.0	9.7	15.6	20.4	9.9	28.3	10.9
MENOMINEE	923	1.0	2.7	12.8	21.3	21.7	8.1	22.3	10.1
MISSAUKEE	546	1.3	7.0	18.7	19.0	17.6	8.1	19.0	9.3
MONTMORENCY	234	.0	1.7	9.4	14.5	16.7	12.0	35.0	10.7
NEWAYGO	1251	1.8	5.0	11.8	13.0	14.2	9.0	32.5	12.7
OCEANA	1077	2.8	6.6	13.5	14.7	15.8	6.9	27.7	12.2
OGEMAW	509	.8	4.7	15.9	17.1	17.5	9.8	23.6	10.6
ONTONAGON	282	.0	.4	2.8	14.5	25.9	12.8	33.7	9.9
OSCEOLA	814	.4	4.3	12.5	16.6	21.1	9.2	24.3	11.5
OSCODA	173	.6	4.6	9.2	19.1	22.5	8.1	27.2	8.7
OTSEGO	266	.8	3.4	7.1	15.4	16.9	13.5	30.1	12.8
PRESQUE ISLE	594	.8	3.5	9.3	16.0	19.5	14.0	26.1	10.8
ROSCOMON	45	.0	2.2	.0	20.0	17.8	13.3	28.9	17.8
SCHOOLCRAFT	97	.0	1.0	3.1	6.2	17.5	10.3	42.3	19.6
WEXFORD	333	.6	2.4	5.4	9.9	17.1	15.3	38.4	10.8
TOTAL	19288	1.5	4.0	10.4	15.0	18.2	10.7	28.1	12.1
MICHIGAN									
SOUTHERN REGION									
TOTAL	74216	2.9	8.4	15.3	16.7	16.6	5.6	24.6	9.8
MICHIGAN									
TOTAL	93504	2.6	7.5	14.3	16.4	17.0	6.7	25.3	10.3

TABLE 17 --DISTRIBUTION OF FARMS BY ECONOMIC CLASS, 1964, WISCONSIN COUNTIES, NORTHERN REGION

VALUE OF FARM PRODUCTS SOLD

COUNTY	TOTAL NUMBER	--PERCENT--						PART-TIME	OTHER
		TOTAL \$40000 OR MORE	CLASS I \$20000 TO \$39999	CLASS II \$10000 TO \$19999	CLASS III \$5000 TO \$9999	CLASS IV \$2500 TO \$4999	CLASS V \$50 TO \$2499		
ADAMS	609	1.6	2.8	13.3	19.4	17.6	9.5	21.2	14.5
ASHLAND	537	.0	.7	4.8	17.9	25.3	14.3	26.8	10.1
BARRON	2768	1.1	2.9	20.7	30.6	20.6	6.1	10.6	7.4
RAYFIELD	822	.0	1.2	6.6	19.1	26.4	10.1	24.8	11.8
BROWN	2172	1.2	5.6	29.1	29.6	15.9	3.2	11.1	4.4
BURNETT	790	.3	1.3	12.3	20.1	20.1	11.6	21.6	12.7
CHIPPEWA	2468	.9	3.6	23.5	30.5	16.9	5.0	12.9	6.8
CLARK	3484	.7	2.3	24.0	35.5	17.7	5.0	8.0	6.8
DOOR	1705	.9	2.8	14.3	29.0	21.5	5.0	16.8	9.8
DOUGLAS	609	.8	1.5	8.7	14.0	17.7	8.4	37.6	11.3
EAU CLAIRE	1541	.9	3.2	17.8	26.7	16.3	6.8	19.7	8.6
FLORENCE	154	1.3	4.5	9.7	20.1	22.1	9.1	27.3	5.8
FOREST	243	.4	2.1	5.3	20.6	21.4	9.9	28.0	12.3
IRON	117	1.7	.9	6.8	13.7	26.5	11.1	24.8	14.5
JACKSON	1351	1.3	4.7	19.8	23.8	18.0	9.2	13.6	9.7
JUNEAU	1160	1.0	2.5	16.6	27.1	22.2	7.8	14.2	8.7
KEWAUNEE	1577	.1	4.3	22.4	35.1	20.7	3.7	9.0	4.8
LANGLADE	972	5.6	6.0	18.2	28.2	18.0	4.5	13.7	5.6
LINCOLN	992	.8	1.3	11.7	27.3	24.0	7.2	18.2	9.5
MARATHON	4629	1.1	2.9	22.7	34.0	19.9	4.0	10.7	4.8
MARINETTE	1302	.5	1.5	13.0	28.1	21.4	6.7	19.9	8.8
MENOMINEE	10	0.0	0.0	10.0	10.0	10.0	10.0	50.0	10.0
OCONTO	2015	.4	2.4	20.1	32.1	20.2	5.6	12.4	6.8
ONEIDA	219	8.7	3.2	6.4	9.1	11.4	9.1	41.6	11.0
OUTAGAMIE	2494	.8	8.1	30.5	26.6	15.6	3.2	10.6	4.6
POLK	2491	.5	2.6	19.6	28.7	19.1	6.1	14.3	9.2
PORTAGE	1688	3.3	3.5	13.4	27.1	21.2	7.3	15.7	8.5
PRICE	1106	1.2	.7	4.4	22.3	27.6	11.3	22.2	10.3
RUSK	1297	.3	1.4	13.2	29.5	26.3	7.5	14.0	7.7
SAWYER	482	1.5	2.9	8.3	19.5	20.7	13.5	19.7	13.9
SHAWANO	2622	.6	3.4	23.6	35.4	16.9	4.2	8.8	7.2
TAYLOR	1861	.8	1.9	16.4	31.9	25.3	7.5	10.4	5.6
VILAS	107	7.5	2.8	.9	3.7	9.3	13.1	44.9	17.8
WASHBURN	695	.7	1.3	9.9	24.6	22.3	10.2	20.6	10.4
WAUPACA	2230	.9	3.2	20.9	30.6	16.7	4.9	13.4	9.4
WOOD	1921	1.0	2.4	16.1	29.8	20.6	4.7	18.0	7.4
TOTAL	51229	1.0	3.1	19.0	29.2	19.7	6.1	14.2	7.7
WISCONSIN SOUTHERN REGION									
TOTAL	67577	1.9	9.2	27.6	25.5	14.7	3.8	11.7	6.0
WISCONSIN TOTAL	118805	1.5	6.6	23.9	27.1	16.9	4.8	12.4	6.7

TABLE 18 --DISTRIBUTION OF FARMS BY ECONOMIC CLASS, 1964, MINNESOTA COUNTIES, NORTHERN REGION

COUNTY	TOTAL	VALUE OF FARM PRODUCTS SOLD							
		CLASS I \$40,000 OR MORE	CLASS II \$20,000 TO \$39,999	CLASS III \$10,000 TO \$19,999	CLASS IV \$5,000 TO \$9,999	CLASS V \$2,500 TO \$4,999	CLASS VI \$500 TO \$2,499	PART-TIME	OTHER
		NUMBER	PERCENT						
AITKIN	1132	1.3	1.6	5.1	15.7	23.2	17.6	23.7	11.7
BECKER	2129	1.6	3.2	9.8	21.4	23.0	15.1	16.0	10.0
BELTRAMI	1067	.2	.7	3.8	13.2	23.2	22.5	24.1	12.2
BENTON	1231	.8	2.8	15.9	28.3	22.3	7.4	14.1	8.4
CARLTON	1100	.7	.4	5.5	16.6	18.4	11.9	37.5	9.1
CASS	1012	.7	1.0	3.9	13.8	25.9	21.3	23.7	9.7
CHISAGO	1270	.9	3.4	13.8	22.0	19.2	9.1	19.8	11.9
CLAY	1538	7.8	12.0	23.4	28.2	13.6	4.6	6.8	3.7
CLEARWATER	1038	.8	.8	5.2	15.2	28.7	17.9	19.1	12.3
COOK	15	.0	.0	.0	.0	6.7	.0	46.7	46.7
CROW WING	848	1.5	.6	5.7	14.5	20.3	15.7	30.0	11.8
DOUGLAS	1881	.3	3.0	18.4	31.5	19.6	9.5	8.0	9.8
GRANT	980	3.5	7.6	24.2	34.3	18.4	4.9	3.4	3.9
HUBBARD	751	.3	.7	3.6	11.2	23.8	21.1	24.5	14.9
ISANTI	1161	1.0	2.5	8.9	19.7	22.7	9.4	23.3	12.4
ITASCA	1041	.3	1.2	3.0	6.5	11.8	15.8	48.8	12.6
KANABEC	985	.3	1.7	12.2	25.5	27.4	8.6	16.1	8.1
KITTSON	894	4.9	11.4	16.3	22.7	18.7	9.8	8.6	7.5
KOOCHICHING	469	.4	.4	3.4	13.6	14.1	14.3	41.2	12.6
LAKE	86	2.3	1.2	4.7	2.3	9.3	12.8	59.3	8.1
LAKE OF THE WOODS	389	.3	1.8	6.2	16.7	18.5	15.2	24.9	16.5
MAHOMEN	649	.9	5.3	15.0	28.3	22.3	10.0	9.4	8.8
MARSHALL	1884	4.0	5.6	15.0	23.6	21.2	12.6	10.5	7.5
MILLE LACS	1359	.5	1.2	11.1	26.3	23.8	9.8	17.4	9.9
MORRISON	2567	.8	.9	10.6	30.4	24.7	12.0	13.0	7.5
NORMAN	1325	3.2	8.9	23.2	28.4	17.4	7.2	6.6	5.2
OTTER TAIL	4725	1.0	2.6	16.1	29.8	21.9	10.0	9.2	9.3
PENNINGTON	850	.4	3.3	14.2	23.7	24.5	13.5	12.6	7.9
PINE	1792	2.5	1.7	9.2	23.8	25.8	11.9	15.6	9.5
POLK	2766	.8	11.3	17.4	23.6	20.4	9.0	8.8	8.6
RED LAKE	642	.9	3.6	13.1	26.6	26.2	11.7	10.7	7.2
ROSEAU	1589	1.4	2.8	7.9	21.9	26.0	16.2	14.7	9.1
ST. LOUIS	1844	.4	1.0	3.3	9.2	11.6	13.5	46.6	14.5
SHERBURNE	783	2.2	4.2	12.8	17.0	18.3	8.8	25.2	11.6
STEARN	3938	1.2	3.5	25.1	36.6	17.4	5.6	6.8	3.9
TODD	2778	.5	1.6	13.2	30.8	24.9	9.9	10.0	9.1
WADENA	963	.6	1.3	7.8	21.1	27.7	15.9	16.0	9.6
WILKIN	967	3.7	14.8	35.0	28.7	10.4	2.8	2.6	2.0
TOTAL	52438	1.5	3.7	13.5	24.3	21.1	11.2	15.8	8.9
MINNESOTA SOUTHERN REGION									
TOTAL	78727	3.4	12.0	30.9	26.8	12.6	3.5	6.4	4.3
MINNESOTA TOTAL	131165	2.6	8.7	24.0	25.8	16.0	6.6	10.2	6.1
UPPER GREAT LAKES REGION									
TOTAL	122955	.7	1.8	10.2	26.2	24.0	8.0	20.5	8.6

TABLE 19 -- DISTRIBUTION OF FARMS BY ECONOMIC CLASS, 1969, MICHIGAN COUNTIES, NORTHERN REGION

COUNTY	TOTAL	VALUE OF FARM PRODUCTS SOLD							
		CLASS I \$40000 OR MORE	CLASS II \$20000 TO \$39999	CLASS III \$10000 TO \$19999	CLASS IV \$5000 TO \$9999	CLASS V \$2500 TO \$4999	CLASS VI \$500 TO \$2499	PART-TIME	OTHER
		NUMBER	PERCENT						
ALCONA	304	1.6	6.3	6.6	15.1	17.4	6.9	27.6	18.4
ALGEP	104	2.9	8.7	24.0	8.7	16.3	6.7	26.9	5.8
ALPENA	572	1.4	5.9	11.4	12.6	15.9	7.0	36.5	9.3
ANTRIM	341	6.2	10.3	12.3	12.9	16.1	5.3	29.3	7.6
ARENAC	544	3.3	11.6	12.7	15.6	14.9	5.3	28.3	8.3
BARAGA	142	.0	2.1	7.7	11.3	12.0	12.7	45.1	9.2
RENZIE	231	3.5	6.9	5.2	17.3	22.1	2.2	30.3	12.6
CHARLEVOIX	278	2.2	7.6	7.2	14.0	12.6	5.4	42.1	9.0
CHEBOYGAN	214	2.3	3.3	7.5	17.3	17.8	7.0	32.7	12.1
CHIPPEWA	401	.2	3.5	12.0	11.2	24.9	4.5	33.4	10.2
CLARE	394	3.0	7.1	8.9	15.7	20.8	5.8	32.7	5.8
CRAWFORD	0	.0	.0	.0	.0	.0	.0	.0	.0
DELTA	373	4.6	7.5	12.3	23.1	19.6	7.5	14.2	11.3
DICKINSON	162	5.6	12.3	16.0	11.1	10.5	5.6	29.0	9.9
EMMET	249	4.0	11.3	8.9	12.9	11.3	15.3	24.2	12.1
GLADWIN	507	1.8	5.1	8.5	12.6	21.9	6.3	34.9	8.9
GOGEBIC	73	.0	5.5	9.6	19.2	8.2	4.1	49.3	4.1
GRAND TRAVERSE	633	5.8	11.8	11.1	12.8	16.1	5.2	29.4	7.7
HOUGHTON	274	.7	4.0	10.6	16.4	17.5	13.1	26.6	10.9
IOSCO	311	2.3	5.8	10.0	13.2	18.6	12.5	30.9	6.8
IRON	106	1.9	4.7	12.3	18.9	15.1	4.7	33.0	9.4
KALKASKA	122	3.3	7.4	5.7	10.7	12.3	13.1	41.8	5.7
KEEWEENAW	0	.0	.0	.0	.0	.0	.0	.0	.0
LAKE	152	.7	4.6	6.6	11.8	27.5	10.5	19.7	18.4
LEELANAU	511	5.1	9.8	16.0	18.0	15.5	5.7	23.3	6.8
LUCE	29	10.3	17.2	6.9	17.2	24.1	3.4	20.7	.0
MACKINAC	98	1.0	11.2	22.4	10.2	28.6	12.2	10.2	4.1
MANISTEE	376	4.5	5.9	10.1	12.2	19.4	5.9	31.9	10.1
MARQUETTE	97	3.1	5.2	10.3	8.2	20.6	4.1	41.2	7.2
MASON	608	5.1	7.9	10.9	15.5	18.1	3.6	27.5	11.5
MECOSTA	792	2.0	8.8	10.6	13.5	16.4	4.9	32.7	11.0
MENOMINEE	588	3.6	9.2	21.3	19.4	13.8	6.3	19.4	7.1
MISSAUKEE	447	6.3	19.2	16.6	14.8	11.9	5.4	21.5	4.5
MONTMORENCY	134	2.2	9.7	10.4	14.9	19.4	10.4	23.1	9.7
NEWAYGO	1012	4.5	9.8	12.2	12.0	12.6	5.5	34.1	9.3
OCEANA	864	4.7	10.5	14.5	16.8	16.8	4.4	23.8	8.4
OGEMAW	369	4.6	10.3	8.4	13.0	19.2	10.8	26.0	7.6
ONTONAGON	199	.5	3.5	7.0	22.1	23.6	6.5	31.2	5.5
OSCEOLA	663	3.3	9.0	11.8	12.8	17.3	6.2	24.6	14.9
OSCODA	95	4.2	9.5	15.8	24.2	21.1	3.2	21.1	1.1
OTSEGO	172	2.3	5.2	13.4	15.7	27.3	6.4	21.5	8.1
PRESQUE ISLE	414	2.2	7.0	10.9	19.6	18.8	5.3	21.7	14.5
ROSCOMMON	49	.0	4.1	2.0	8.2	26.5	10.2	32.7	16.3
SCHOOLCRAFT	54	.0	5.6	7.4	16.7	18.5	7.4	35.2	9.3
WEXFORD	327	2.1	5.8	8.9	12.8	15.3	5.2	32.7	17.1
TOTAL	14384	3.4	8.4	11.6	14.7	17.1	6.4	28.7	9.7
MICHIGAN SOUTHERN REGION	63552	5.5	9.8	12.0	13.8	15.9	5.1	29.1	8.8
MICHIGAN TOTAL	77936	5.1	9.6	11.9	14.0	16.1	5.3	29.0	9.0

TABLE 20 --DISTRIBUTION OF FARMS BY ECONOMIC CLASS, 1969, WISCONSIN COUNTIES, NORTHERN REGION

COUNTY	TOTAL	VALUE OF FARM PRODUCTS SOLD							
		CLASS I \$40000 OR MORE	CLASS II \$20000 TO \$39999	CLASS III \$10000 TO \$19999	CLASS IV \$5000 TO \$9999	CLASS V \$2500 TO \$4999	CLASS VI \$50 TO \$2499	PART-TIME	OTHER
		NUMBER	PERCENT						
ADAMS	463	5.0	9.7	15.3	17.7	12.3	6.0	24.8	9.1
ASHLAND	341	.3	3.8	17.3	22.3	22.9	5.0	21.4	7.0
BARRON	2306	2.6	19.6	27.0	18.0	11.0	3.5	11.0	7.3
BAYFIELD	492	1.0	6.3	13.0	20.3	21.5	7.9	20.7	9.1
BROWN	1886	4.2	20.1	28.8	15.7	10.1	2.7	14.2	4.1
BURNETT	563	.4	7.8	20.2	18.5	11.9	5.9	25.9	9.4
CHIPPEWA	2083	3.1	19.8	28.7	16.6	10.4	3.7	13.1	4.7
CLARK	2980	1.6	15.6	33.4	20.4	10.0	2.9	10.4	5.6
DOOR	1278	1.7	9.1	24.8	21.4	14.2	3.6	17.1	8.2
DOUGLAS	347	2.9	6.3	15.6	16.4	20.7	5.8	28.0	4.3
EAU CLAIRE	1244	2.9	15.3	21.4	19.0	11.8	4.6	18.7	6.4
FLORENCE	104	3.8	13.5	12.5	16.3	19.2	7.7	21.2	5.8
FOREST	158	.0	3.2	24.7	17.7	19.6	3.2	25.3	6.3
IRON	66	1.5	6.1	21.2	22.7	9.1	4.5	33.3	1.5
JACKSON	1087	5.4	15.4	22.2	17.5	12.5	4.0	16.1	7.0
JUNEAU	1000	2.1	11.8	21.3	18.9	14.3	3.7	20.1	7.8
KEWAUNEE	1378	2.4	16.8	32.7	20.7	10.5	1.7	11.7	3.6
LANGLADE	748	6.8	16.6	28.1	16.7	8.8	3.7	13.4	5.9
LINCOLN	719	1.4	9.9	24.9	21.6	16.1	2.5	17.8	5.8
MARATHON	3772	2.3	15.4	34.0	20.8	9.1	2.7	11.9	4.0
MARINETTE	971	.6	7.9	22.7	21.6	13.8	4.3	19.8	9.3
OCONTO	1614	2.2	12.6	28.6	19.5	12.0	4.7	13.6	6.9
ONEIDA	118	15.3	7.6	7.6	13.6	17.8	5.1	26.3	6.8
OUTAGAMIE	2140	5.0	24.2	25.0	16.1	9.6	2.1	14.3	3.8
POLK	2101	2.1	14.9	22.4	18.6	12.9	3.5	18.7	7.0
PORTAGE	1352	4.1	9.8	21.2	22.9	14.1	5.5	16.6	5.7
PRICE	775	1.2	3.1	19.6	27.1	19.9	4.9	18.2	6.1
RUSK	980	1.3	9.0	28.4	23.1	14.4	5.9	12.9	5.1
SAWYER	329	4.0	10.9	17.0	16.7	16.4	4.6	22.5	7.9
SHAWANO	2010	2.1	17.8	32.4	19.2	8.4	3.4	11.8	4.9
TAYLOR	1437	1.4	11.6	31.2	25.7	10.9	3.8	11.0	4.5
VILAS	66	16.7	6.1	6.1	7.6	16.7	.0	31.8	15.2
WASHBURN	461	1.5	10.2	20.0	26.0	11.5	6.5	18.0	6.3
WAUPACA	1974	2.3	14.3	25.6	19.5	10.4	4.2	16.8	6.9
WOOD	1473	2.6	10.9	25.5	23.6	11.1	3.7	17.0	5.7
TOTAL	40816	2.7	14.5	26.7	19.8	11.7	3.7	15.1	5.8
WISCONSIN SOUTHERN REGION TOTAL	58154	7.3	21.8	23.8	15.5	11.1	2.9	12.7	5.0
WISCONSIN TOTAL	98970	5.4	18.8	25.0	17.2	11.4	3.2	13.7	5.3

TABLE 21 --DISTRIBUTION OF FARMS BY ECONOMIC CLASS, 1969, MINNESOTA COUNTIES, NORTHERN REGION

COUNTY	TOTAL NUMBER	VALUE OF FARM PRODUCTS SOLD							
		CLASS I \$40000 OR MORE	CLASS II \$20000 TO \$39999	CLASS III \$10000 TO \$19999	CLASS IV \$5000 TO \$9999	CLASS V \$2500 TO \$4999	CLASS VI \$500 TO \$2499	PART-TIME	OTHER
		PERCENT							
AITKIN	791	2.5	2.8	11.9	21.1	20.1	7.5	24.1	10.0
BECKER	1630	3.4	8.6	19.0	22.5	16.5	6.7	17.7	5.6
BELTRAMI	807	1.0	2.6	11.4	22.9	20.2	9.5	25.4	6.9
BENTON	1086	3.1	12.1	25.8	17.5	14.9	3.6	17.8	5.2
CARLTON	705	.9	3.1	15.0	17.4	20.0	5.4	34.2	4.0
CASS	649	1.7	3.9	11.6	25.0	20.0	8.5	22.3	7.1
CHISAGO	1104	2.0	9.8	17.3	15.7	13.5	3.9	30.1	7.8
CLAY	1345	11.4	22.5	23.4	18.1	12.6	3.0	5.9	3.0
CLEARWATER	801	1.0	3.0	11.1	20.1	25.7	9.6	19.6	9.9
COOK	0	.0	.0	.0	.0	.0	.0	.0	.0
CROW WING	630	2.1	4.6	11.7	15.1	17.8	8.3	30.8	9.7
DOUGLAS	1599	1.5	12.5	26.9	22.1	14.9	5.4	11.7	5.0
GRANT	836	7.7	16.7	31.3	22.2	10.3	3.6	4.7	3.5
HUBBARD	540	.6	2.0	8.0	18.3	17.6	10.6	30.9	12.0
ISANTI	957	1.8	4.9	11.1	16.0	18.1	5.9	34.2	8.2
ITASCA	519	1.5	2.7	8.5	14.3	20.8	5.8	39.7	6.7
KANABEC	901	1.3	6.2	19.3	20.8	15.6	4.2	25.1	7.4
KITTSON	772	7.9	18.3	20.5	20.3	17.9	4.1	8.4	2.6
KOOCHICHING	267	.7	1.9	6.7	19.5	19.1	9.7	32.2	10.1
LAKE	45	2.2	6.7	2.2	2.2	15.6	2.2	68.9	.0
LAKE OF THE WOODS	255	1.2	4.3	10.2	22.0	23.1	4.7	26.3	8.2
MAHOMEN	528	3.4	12.7	30.9	22.0	14.8	2.7	6.8	6.8
MARSHALL	1732	5.0	11.3	18.7	22.6	17.8	5.0	11.5	8.1
MILLE LACS	1120	1.6	7.2	20.3	20.4	14.6	6.0	24.1	5.8
MORRISON	2146	1.9	7.6	26.0	23.2	15.6	3.4	16.5	5.7
NORMAN	1061	9.1	18.0	26.7	20.1	14.5	3.7	5.5	2.5
OTTER TAIL	4043	2.3	10.9	24.1	22.7	14.6	5.4	13.4	6.6
PENNINGTON	817	3.2	8.3	18.6	22.0	21.2	5.9	13.2	7.6
PINE	1335	1.5	5.6	19.2	23.3	18.0	5.2	19.6	7.6
POLK	2361	10.8	14.7	16.9	19.1	16.3	4.9	10.6	6.6
RED LAKE	586	3.1	10.6	18.4	25.1	17.7	4.8	14.2	6.1
ROSEAU	1330	2.3	5.2	11.7	22.6	23.4	8.9	19.6	6.4
ST. LOUIS	915	1.0	2.7	7.7	13.1	19.3	5.8	44.4	6.0
SHEPBURNE	672	6.0	6.8	12.6	15.8	17.4	3.9	32.0	5.5
STEARNS	3576	3.5	20.6	31.0	18.3	11.2	2.1	9.7	3.5
TODD	2376	1.4	8.8	25.2	23.4	15.4	4.3	14.2	7.3
WADENA	803	1.2	6.2	19.6	18.6	20.0	7.2	18.4	8.7
WILKIN	834	9.2	23.1	31.5	20.3	9.1	2.3	2.9	1.6
TOTAL	42474	3.6	10.5	20.7	20.5	16.2	5.1	17.3	6.2
MINNESOTA SOUTHERN REGION									
TOTAL	68271	8.5	22.0	26.8	18.0	10.6	2.8	8.5	2.8
MINNESOTA									
TOTAL	110745	6.6	17.6	24.5	18.9	12.8	3.7	11.9	4.1
UPPER GREAT LAKES REGION									
TOTAL	97674	3.2	11.9	21.8	19.3	14.5	4.7	18.0	6.5

TABLE 22 -- FARM OPERATORS WORKING 100 DAYS OR MORE OFF THE FARM AND FARM FAMILIES WITH OTHER INCOME EXCEEDING VALUE OF AGRICULTURAL PRODUCTS SOLD, TOTAL NUMBER AND AS A PERCENT OF ALL FARM OPERATORS, MICHIGAN COUNTIES, NORTHERN REGION

	FARM OPERATORS WORKING 100 DAYS OR MORE OFF THE FARM						FARM FAMILIES WITH OTHER INCOME EXCEEDING VALUE OF AGRICULTURAL PRODUCTS					
	TOTAL			AS PERCENT OF ALL FARM OPERATORS			TOTAL			AS PERCENT OF ALL FARM OPERATORS		
	1949	1959	1964	1969	1949	1959	1964	1969	1949	1959	1949	1959
	NUMBER				PERCENT				NUMBER		PERCENT	
ALCONA	174	243	169	150	21.1	41.7	40.4	49.3	294	346	35.6	59.3
ALGEP	120	63	0	42	28.0	33.9	0	40.4	157	79	36.6	42.5
ALPENA	214	395	353	338	19.9	46.4	48.5	59.1	301	475	27.9	55.8
ANTRIM	275	291	220	178	25.5	43.0	44.9	52.2	388	362	36.0	53.6
APENAC	275	307	250	268	23.6	39.4	39.4	49.3	306	357	26.3	45.8
BAPAGA	207	96	92	84	37.4	36.5	45.1	59.2	283	118	51.2	44.9
BENZIE	190	141	138	121	35.1	45.3	45.0	52.4	288	175	53.2	56.3
CHARLEVOIX	309	248	100	169	31.7	46.2	24.7	60.8	426	340	43.6	63.3
CHEBOYGAN	243	213	160	118	28.4	45.3	47.2	55.1	362	293	42.3	62.3
CHIPPEWA	399	330	285	245	33.8	49.6	47.6	61.1	451	356	39.1	53.5
CLARE	187	237	203	223	24.1	41.4	43.5	56.6	217	285	27.9	49.7
CRAWFORD	20	19	22	0	30.3	52.8	81.5	0	25	79	37.9	80.6
DELTA	286	216	0	142	24.7	35.3	0	38.1	297	226	25.6	36.9
DICKINSON	131	82	75	76	27.1	33.9	38.1	46.9	129	94	26.7	38.8
EMMET	303	259	189	96	33.6	48.4	45.8	38.7	384	327	42.6	61.1
GLADWIN	299	355	324	296	26.1	44.4	48.7	58.4	332	428	29.0	53.5
GOGERIC	239	101	60	38	48.4	50.5	43.5	52.1	246	130	49.8	65.0
GRAND TRAVERSE	355	414	330	337	29.6	46.3	46.2	53.2	450	494	37.5	55.3
HOUGHTON	328	261	164	109	26.7	37.9	33.5	39.8	383	304	31.2	44.1
IOSCO	192	180	151	150	27.6	43.5	45.1	48.2	224	222	32.2	53.6
IRON	266	128	93	55	39.2	42.7	43.3	51.9	326	167	48.0	55.7
KALKASKA	120	89	66	66	25.0	39.0	44.0	54.1	178	129	37.1	56.6
KEEWEENAW	21	3	1	0	38.9	27.3	20.0	0	41	7	75.9	18.2
LAKE	85	109	66	64	19.6	41.9	41.2	42.1	123	151	28.3	58.1
LEELANAU	208	353	296	274	23.5	45.7	44.3	53.6	237	376	26.8	48.7
LUCE	69	30	33	15	43.7	47.6	55.9	51.7	81	28	51.3	44.4
MACKINAC	110	77	48	37	28.3	40.7	35.3	37.8	137	87	35.2	46.0
MANISTEE	263	263	250	205	27.1	45.7	47.7	54.5	375	312	38.6	54.2
MARQUETTE	214	97	53	47	36.6	40.9	38.1	48.5	215	116	36.8	48.9
MASON	370	361	378	310	24.8	37.4	42.9	51.0	425	392	28.5	40.6
MECOSTA	359	519	416	421	21.5	42.9	43.3	53.2	442	615	26.4	50.8
MENOMINEE	427	351	343	233	23.1	32.4	37.2	39.6	496	374	26.8	34.6
MISSAUKEE	203	244	195	177	19.6	36.9	33.9	39.6	240	294	23.1	44.4
MONTMORENCY	103	135	115	67	26.8	48.6	49.1	50.0	164	167	42.6	60.1
NEWAYGO	610	663	577	530	28.3	44.3	46.1	52.4	846	794	39.2	53.1
OCEANA	490	608	490	457	27.3	46.8	45.5	52.9	665	681	37.0	52.4
OGEMAW	167	226	196	178	18.6	35.4	38.5	48.2	214	281	23.9	44.0
ONTONAGON	267	155	128	103	30.2	40.6	45.4	51.8	362	176	41.0	46.1
OSCEOLA	307	399	314	271	20.3	38.5	38.6	40.9	450	519	29.8	50.1
OSCODA	80	65	80	45	30.3	36.9	46.2	47.4	67	81	25.4	46.0
OTSEGO	116	112	121	97	27.4	38.9	45.5	56.4	128	163	30.2	56.6
PRESQUE ISLE	202	221	228	179	21.6	34.1	38.4	43.2	236	245	25.2	37.8
ROSCOMMON	29	22	19	24	25.0	36.1	42.2	49.0	44	38	37.9	62.3
SCHOOLCRAFT	139	67	51	37	47.4	51.5	52.6	68.5	138	82	47.1	63.1

Continued

TABLE 22 -- FARM OPERATORS WORKING 100 DAYS OR MORE OFF THE FARM AND FARM FAMILIES WITH OTHER INCOME EXCEEDING VALUE OF AGRICULTURAL PRODUCTS SOLD, TOTAL NUMBER AND AS A PERCENT OF ALL FARM OPERATORS, MICHIGAN COUNTIES, NORTHERN REGION --Continued

	FARM OPERATORS WORKING 100 DAYS OR MORE OFF THE FARM						FARM FAMILIES WITH OTHER INCOME EXCEEDING VALUE OF AGRICULTURAL PRODUCTS					
	TOTAL			AS PERCENT OF ALL FARM OPERATORS			TOTAL			AS PERCENT OF ALL FARM OPERATORS		
	1949 ---NUMBER---	1950 ---NUMBER---	1954 ---NUMBER---	1949 ---PERCENT---	1950 ---PERCENT---	1954 ---PERCENT---	1949 ---NUMBER---	1950 ---NUMBER---	1954 ---NUMBER---	1949 ---PERCENT---	1950 ---PERCENT---	1954 ---PERCENT---
WEXFORD	265	213	0	194	28.2	45.9	0	59.3	373	271	39.6	58.4
TOTAL	10227	9961	7832	7266	26.9	41.9	40.6	50.5	12947	11981	34.0	50.4
MICHIGAN SOUTHERN REGION												
TOTAL	38121	37260	29800	33625	32.4	42.2	40.2	52.9	37620	39562	32.0	44.9
MICHIGAN												
TOTAL	49348	47151	37632	40891	31.1	42.2	40.2	52.5	50567	51543	32.5	46.1

TABLE 23 -- FARM OPERATORS WORKING 100 DAYS OR MORE OFF THE FARM AND FARM FAMILIES WITH OTHER INCOME EXCEEDING VALUE OF AGRICULTURAL PRODUCTS SOLD, TOTAL NUMBER AND AS A PERCENT OF ALL FARM OPERATORS, WISCONSIN COUNTIES, NORTHERN REGION

	FARM OPERATORS WORKING 100 DAYS OR MORE OFF THE FARM								FARM FAMILIES WITH OTHER INCOME EXCEEDING VALUE OF AGRICULTURAL PRODUCTS								
	TOTAL				AS PERCENT OF ALL FARM OPERATORS				TOTAL				AS PERCENT OF ALL FARM OPERATORS				
	1949	1959	1964	1969	1949	1959	1964	1969	1949	1959	1949	1959	1949	1959	1949	1959	
	NUMBER				PERCENT				NUMBER				PERCENT		PERCENT		
ADAMS	245	212	205	188	23.5	29.1	33.9	40.6	291	297	28.0	40.7					
ASHLAND	297	242	221	150	28.0	39.7	41.2	44.0	343	254	33.1	41.6					
BARRON	541	727	716	654	13.6	23.4	25.9	28.4	537	676	13.5	21.8					
BAYFIELD	391	305	329	213	25.0	34.0	40.0	43.3	439	361	28.0	40.2					
BROWN	631	694	651	658	20.5	29.1	30.4	35.4	467	549	15.2	22.6					
BURNETT	245	260	246	220	16.6	27.7	31.1	39.1	328	348	22.2	37.1					
CHIPEWA	625	655	621	643	18.1	24.1	25.2	30.9	603	570	17.4	21.0					
CLARK	502	800	775	846	12.7	20.9	22.2	28.4	495	621	10.4	16.0					
DOOR	424	722	734	565	20.3	39.1	43.0	44.2	399	723	19.1	39.1					
DOUGLAS	618	279	332	209	40.3	43.8	54.5	60.2	689	298	44.9	46.8					
EMMETT	457	470	481	468	22.5	28.4	31.2	37.5	484	489	23.3	29.5					
FLORENCE	119	64	63	57	30.1	34.6	40.9	54.8	159	82	40.3	44.3					
FOREST	198	119	122	99	30.4	40.5	50.2	56.3	265	131	40.6	44.6					
IRON	145	55	45	38	39.0	36.9	38.5	57.6	139	75	37.4	50.3					
JACKSON	281	281	296	344	13.5	19.3	21.9	31.5	314	290	16.2	19.2					
JUNEAU	732	319	357	386	17.7	24.5	30.8	38.5	378	347	20.1	26.2					
KEWALMINE	258	509	519	546	13.0	30.2	32.9	39.6	217	337	11.3	20.0					
LANGLADE	703	239	260	223	19.1	22.2	26.7	29.8	295	232	18.6	21.7					
LINCOLN	387	339	355	282	23.2	33.7	35.8	39.2	370	388	22.2	32.8					
MARATHON	1039	1224	1289	1233	17.1	24.4	27.8	32.7	882	996	14.6	19.8					
MARINETTE	522	542	498	401	22.1	34.3	37.5	41.3	585	567	24.8	35.9					
MENOMINEE	0	0	6	0	0	0	60.0	0	0	0	0	0					
MCINTOSH	411	579	603	552	14.6	26.2	29.9	34.2	378	509	13.4	23.0					
ONEIDA	257	102	118	61	41.2	45.3	53.9	51.7	299	125	49.3	55.6					
OUTAGAMIE	560	749	708	780	16.4	26.8	28.4	36.4	508	615	14.9	22.0					
POLK	529	720	693	745	14.7	26.0	27.8	35.5	501	760	13.9	27.4					
PORTAGE	464	677	506	467	18.2	31.7	30.0	34.5	463	756	18.1	35.4					
PRICE	536	437	408	305	25.7	34.7	36.9	39.4	545	424	26.1	33.6					
PUK	398	373	360	302	18.7	26.0	27.8	30.8	414	355	19.5	24.8					
SAWYER	242	175	100	126	23.8	33.1	20.7	38.3	274	195	27.0	36.9					
SHAWANO	439	665	628	593	12.5	22.9	24.0	29.5	352	551	10.0	19.0					
TAYLOR	560	550	554	476	19.5	26.4	29.8	33.1	505	506	17.6	24.3					
VILAS	112	49	54	34	44.1	48.0	50.5	51.5	135	64	53.1	64.0					
WASHBURN	249	236	249	188	21.2	30.5	35.8	40.8	296	266	25.2	34.4					
WAUPACA	444	651	640	663	14.1	26.3	28.7	33.6	428	639	13.6	25.8					
WOOD	630	738	724	599	23.8	34.2	37.7	40.7	555	656	21.0	30.4					
TOTAL	14468	15825	15457	14314	18.9	27.7	30.2	35.1	14330	15028	18.7	26.3					
WISCONSIN SOUTHERN REGION																	
TOTAL	12975	15674	16747	17859	14.0	21.2	24.8	30.7	11488	15044	12.5	20.3					
WISCONSIN																	
TOTAL	27293	31499	32214	32173	16.2	24.0	27.1	32.5	25818	30072	15.3	22.9					

TABLE 24 --FARM OPERATORS WORKING 100 DAYS OR MORE OFF THE FARM AND FARM FAMILIES WITH OTHER INCOME EXCEEDING VALUE OF AGRICULTURAL PRODUCTS SOLD: TOTAL NUMBER AND AS A PERCENT OF ALL FARM OPERATORS, MINNESOTA COUNTIES, NORTHERN REGION

	FARM OPERATORS WORKING 100 DAYS OR MORE OFF THE FARM						FARM FAMILIES WITH OTHER INCOME EXCEEDING VALUE OF AGRICULTURAL PRODUCTS					
	TOTAL			AS PERCENT OF ALL FARM OPERATORS			TOTAL			AS PERCENT OF ALL FARM OPERATORS		
	1949	1959	1964	1969	1949	1959	1964	1969	1949	1959	1949	1959
ATKIN	579	470	386	355	24.4	35.0	34.1	44.9	692	610	31.4	44.6
BECKER	341	532	532	566	11.9	23.7	25.0	34.7	475	566	16.5	29.6
BELTRAMI	446	335	326	356	22.5	28.3	30.6	44.1	699	463	35.2	39.2
BENTON	185	341	327	418	12.2	25.9	26.6	38.5	172	328	11.4	24.9
CARLTON	754	613	570	414	38.4	49.8	51.8	58.7	802	737	40.9	59.4
CASS	432	362	321	299	22.2	31.7	31.7	44.5	699	471	15.9	41.3
CHISAGO	252	415	417	594	13.9	29.0	32.8	50.6	319	517	17.6	35.7
CLAY	162	313	278	350	7.8	17.6	18.1	26.0	132	265	6.4	15.0
CLEARWATER	256	281	281	285	16.9	25.3	27.1	35.6	314	349	20.7	31.4
COOK	76	14	7	0	43.3	56.0	46.7	0	34	20	56.7	80.0
CROW WING	571	390	346	317	34.1	39.0	40.8	50.3	716	526	42.7	52.5
DOUGLAS	257	271	307	410	10.5	13.3	16.3	25.5	254	335	10.4	16.5
GRANT	79	92	91	126	5.9	7.8	9.3	15.1	64	74	4.8	6.3
HUBBARD	280	228	250	218	21.0	29.6	33.3	44.1	388	317	27.6	41.1
ISANTI	291	424	422	493	17.0	32.5	36.3	41.5	318	533	16.6	40.8
ITASCA	1021	680	620	362	46.2	56.3	59.6	69.7	1164	886	52.7	73.3
KANABEC	224	330	294	429	14.4	28.6	29.8	47.6	272	381	17.5	33.1
KITTSON	172	180	158	229	9.9	17.4	18.8	29.5	103	172	7.7	16.6
KOOCHECHING	346	277	246	179	32.6	49.4	52.6	62.1	495	343	42.9	61.1
LAKE	128	49	55	39	52.9	53.3	64.0	86.7	156	72	64.5	78.3
LAKE OF THE WOODS	156	147	152	125	20.6	33.5	39.1	49.0	219	203	29.0	46.2
MARNOMEN	90	125	115	106	10.2	17.5	17.7	20.1	105	146	11.9	20.4
MARSHALL	254	387	404	615	9.9	14.7	21.7	35.6	250	407	9.7	19.7
MILLE LACS	336	397	414	461	17.3	27.5	30.5	42.9	403	455	22.8	31.6
MORRISON	383	657	580	785	11.9	24.6	22.6	38.5	474	684	14.7	25.6
NORMAN	151	200	203	212	8.1	13.6	15.3	22.0	133	179	7.1	12.2
OTTER TAIL	499	727	775	1094	7.9	14.7	16.4	27.1	613	821	9.6	16.0
PENNINGTON	122	197	196	293	10.2	23.0	23.1	34.5	174	228	14.6	26.7
PINE	400	580	573	557	17.0	28.1	29.7	41.7	604	609	20.5	29.2
POLK	353	469	545	674	9.1	15.0	19.7	28.5	356	474	9.2	15.2
RED LAKE	94	173	185	225	10.3	24.9	28.8	38.4	79	137	8.7	19.7
ROSEAU	247	394	373	559	10.5	23.2	23.5	42.7	332	393	14.1	23.1
ST. LOUIS	2194	1185	1043	592	46.8	55.0	58.5	64.7	2558	1541	54.6	71.6
SHERIDIAN	202	310	301	350	17.9	34.9	38.4	52.1	205	342	16.1	38.5
STEARNS	371	583	572	684	8.2	19.1	14.5	24.7	288	566	6.4	13.7
TODD	331	515	0	717	9.2	17.1	0	30.2	365	607	10.2	20.1
WADEA	235	263	248	269	15.6	23.8	25.8	33.5	313	344	20.7	31.1
WILKIN	64	107	90	130	5.2	9.7	9.3	15.6	34	75	2.7	6.8
TOTAL	13304	14029	12977	15032	17.0	24.2	24.7	35.4	15753	16267	20.1	28.1
MINNESOTA SOUTHERN REGION												
TOTAL	9170	11114	11360	15553	9.1	12.7	14.5	22.8	8443	10995	8.4	12.5
MINNESOTA TOTAL	22490	25143	24357	30585	12.6	17.3	18.6	27.6	24196	27262	13.5	18.7
UPPER GREAT LAKES REGION												
TOTAL	37999	39815	36276	36612	19.7	28.7	29.5	37.5	43030	43276	22.3	31.2

TABLE 25 -- LIVESTOCK AND POULTRY NUMBERS, MICHIGAN COUNTIES, NORTHERN REGION, 1969

COUNTY	CATTLE AND CALVES		COWS AND HEIFERS		MILK COWS		HOGS AND PIGS		LITTERS FARROWED		BROILERS	
	INVENTORY NUMBER	SALES NUMBER	INVENTORY NUMBER						NUMBER	INVENTORY NUMBER		
ALCONA	8921	5064	4194	1226			246	384		5212		
ALGER	3458	1568	1366	1032			78	127		1870		
ALPENA	12623	6156	5411	2752			933	674		6555		
ANTRIM	6168	3174	2660	1441			1730	472		3201		
ARENAC	10867	5233	4901	3533			3217	567		6567		
BARAGA	2107	1040	1232	726			20	176		1897		
BENZIE	1946	1235	802	154			3442	253		863		
CHARLEVOIX	6565	3460	3157	1550			560	395		3817		
CHEBOYGAN	6392	2652	3212	930			346	309		4499		
CHIPPEWA	9215	4254	4581	2620			509	546		6281		
CLARE	12451	6384	4404	2445			2802	440		5629		
CRAWFORD	0	0	0	0			0	0		0		
DELTA	11003	5126	5917	3104			203	479		7394		
DICKINSON	3880	1435	2202	1663			19	193		2515		
EMMET	7186	3120	3374	1862			307	397		4102		
GLADWIN	13760	6234	5260	2462			2278	619		6019		
GOGEBIC	1159	472	657	418			2	128		1179		
GRAND TRAVERSE	6786	3909	2349	1163			1348	641		2449		
HOUGHTON	3441	1920	1987	1622			23	412		4021		
IOSCO	12766	5696	4730	1550			1281	297		6367		
IRON	2373	1113	1139	502			69	202		1949		
KALKASKA	2147	1308	837	595			54	126		1371		
KEWEENAW	0	0	0	0			0	0		0		
LAKE	3536	1627	1739	833			211	144		1805		
LEELANAU	5753	3697	1468	654			1139	614		2284		
LUCE	1064	1068	558	17			29	54		817		
MACKINAC	3550	1808	1915	1259			40	116		2000		
MANISTEE	4850	1964	2061	874			936	482		2124		
MARQUETTE	2229	951	1085	696			368	129		1207		
MASON	11533	5403	4370	3649			806	838		6093		
MECOSTA	18414	7713	7334	5283			2674	904		8959		
MENOMINEE	19458	7822	10322	8356			385	878		12706		
MISSAUKEE	17121	8079	7014	5740			2336	502		7117		
MONTMORENCY	4322	2060	2095	1046			161	216		2689		
NEWAYGO	20667	9965	9748	7518			4566	1174		10378		
OCEANA	12269	5689	4695	2943			1995	1009		5898		
OGEMAW	13232	5473	6183	3821			836	479		7815		
ONTONAGON	5015	2547	2692	1200			129	256		3816		
OSCEOLA	19889	8078	9165	6556			1074	754		10588		
OSCODA	3415	1754	1474	917			337	162		2397		
OTSEGO	4304	2431	1964	988			382	739		2431		
PRESQUE ISLE	12432	5839	5465	2364			720	563		7013		
ROSCOMMON	550	413	229	46			58	39		372		
SCHOOLCRAFT	2108	1056	1018	118			53	97		909		
WEXFORD	5423	2143	2306	1666			650	718		2402		
TOTAL	336348	158133	149270	89894			39352	17804		185577		
MICHIGAN												
SOUTHERN REGION												
TOTAL	1105072	601753	424479	324013			660126	69770		519812		
MICHIGAN												
TOTAL	1441420	759886	573749	413907			699478	87574		705389		

TABLE 26 --LIVESTOCK AND POULTRY NUMBERS WISCONSIN COUNTIES, NORTHERN REGION, 1969

COUNTY	CATTLE AND CALVES	COWS AND HEIFERS	MILK COWS	HOGS AND PIGS	LITTERS FARROWED	BROILERS	
	INVENTORY NUMBER	SALES NUMBER	INVENTORY NUMBER		NUMBER	INVENTORY NUMBER	
ADAMS	13600	6580	5803	3576	3680	563	7387
ASHLAND	8711	3629	4517	3996	195	513	6222
BARRON	91714	39451	48428	44302	7819	2627	54690
RAYFIELD	13067	5060	6402	5436	141	748	9470
BROWN	78476	36795	40919	38825	9283	2093	46271
BURNETT	15800	6311	7432	6498	1920	734	9809
CHIPPEWA	94911	37917	50000	46125	8353	2341	55342
CLARK	119364	56412	65772	61837	15921	3302	76272
DOOR	31672	14060	16844	15620	3679	1603	20340
DOUGLAS	10205	5002	4985	2809	322	578	6859
EAU CLAIRE	47339	20396	23963	20687	6664	1470	27355
FLORENCE	3331	1323	1438	1095	213	134	2089
FOREST	4652	2054	2277	1685	113	193	3161
IRON	1753	643	935	845	3	113	1238
JACKSON	40422	17583	18611	15860	12641	1752	22610
JUNEAU	31700	14062	15268	12311	10526	1052	18250
KEWAUNEE	51681	22120	29616	28271	9140	1537	31513
LANGLADE	22297	10353	12724	11754	632	896	16075
LINCOLN	22339	10149	12545	11247	1604	895	15324
MARATHON	148780	67866	84027	78673	13919	4437	96223
MARINETTE	27155	11690	14393	12577	3981	1225	19069
OCONTO	53423	25802	29379	27187	8829	1913	36358
ONEIDA	1887	1358	970	723	134	173	1055
OUTAGAMIE	87513	40245	45203	42009	26588	2403	52362
POLK	78518	30964	36317	31381	6337	2339	41902
PORTAGE	37459	18834	19358	16891	7993	1607	23586
PRICE	18413	8428	10710	9476	686	999	13341
RUSK	36405	15282	19582	17202	1338	1180	23967
SAWYER	9662	4425	5035	3996	1098	404	5971
SHAWANO	76920	37895	43442	40815	9576	2474	54323
TAYLOR	49008	22212	28275	26496	4246	1710	34927
VILAS	1169	1262	512	295	41	92	373
WASHBURN	15378	6670	7336	5923	800	633	9512
WAUPACA	65806	30119	34722	32177	16567	2108	39601
WOOD	48757	22018	25917	23311	5220	1803	32463
TOTAL	1459287	654970	773657	701911	200202	48144	915310
WISCONSIN SOUTHERN REGION TOTAL	2510034	1163722	1207150	1020996	1476773	64721	1353775
WISCONSIN TOTAL	3969321	1818692	1980807	1722907	1676975	112865	2269085

TABLE 27 -- LIVESTOCK AND POULTRY NUMBERS, MINNESOTA COUNTIES, NORTHERN REGION, 1969

COUNTY	CATTLE AND CALVES		COWS AND HEIFERS		MILK COWS	HOGS AND PIGS	LITTERS FARROWED	BROILERS
	INVENTORY NUMBER	SALES NUMBER	INVENTORY NUMBER				NUMBER	INVENTORY NUMBER
AITKIN	21498	10006	9462	5556	1732	1053		12841
BECKER	45352	22466	20408	12487	6853	2012		76234
BELTRAMI	19674	10363	10341	3690	4199	968		11142
BENTON	37234	15245	17901	13532	16946	1151		71221
CARLTON	17190	7377	8333	5868	752	1933		11398
CASS	17894	9319	9681	4442	4316	909		12660
CHISAGO	29242	13489	12249	9877	8058	1713		16028
CLAY	28556	21294	11271	4828	8009	1486		16850
CLEARWATER	20200	10351	9891	3772	3812	931		11242
COOK	0	0	0	0	0	0		0
CROW WING	14182	6277	7229	4239	3414	806		8490
DOUGLAS	54811	23823	25486	19322	20883	1804		28893
GRANT	23589	17567	7490	4689	16280	940		9527
HUBBARD	9893	5183	5014	2217	3293	669		7105
ISANTI	17199	8034	7601	5722	7288	1101		11633
ITASCA	13106	7427	5655	1817	1249	946		7542
KANABEC	30118	14227	14041	8741	3215	922		16065
KITTSON	13468	7085	7066	1889	1412	826		8721
KOOCHICHING	5448	2635	2770	634	594	436		4095
LAKE	335	232	86	31	20	74		296
LAKE OF THE WOODS	5987	2737	2990	657	1051	329		2964
MAHNCHEM	19329	9226	8711	4470	6896	631		9801
MARSHALL	25394	12865	12194	5071	5251	1780		14195
MILLE LACS	33581	15609	15980	12277	5892	1256		19609
MORRISON	70408	29400	34550	27515	26474	2457		40615
NORMAN	30098	17121	10925	4832	8706	1267		14686
OTTER TAIL	130402	58720	57619	42963	41947	4533		70602
PENNINGTON	19647	9293	9215	4074	3610	818		9677
PINE	42370	14616	20522	14740	6427	1638		27002
POLK	44977	26217	19385	8307	8957	2595		23565
RED LAKE	15264	6774	7710	3144	3353	578		8455
ROSEAU	27479	11231	13632	6082	3933	1489		15318
ST. LOUIS	16319	7593	7753	4212	1370	1694		12620
SHERBURNE	13909	7036	5590	3553	12192	735		8516
STEARNS	148321	63557	72175	61829	89353	3840		76559
TODD	74985	33208	37174	29840	36281	2652		43452
WADENA	22025	9697	10293	7279	9689	918		12822
WILKIN	13138	8387	5460	2734	15814	954		8952
TOTAL	1172612	559687	543853	356932	399521	49454		661393
MINNESOTA SOUTHERN REGION								
TOTAL	2460310	1539885	864438	537469	2896210	76603		986602
MINNESOTA TOTAL	3632922	2099572	1408291	894401	3295731	126057		1647995
UPPER GREAT LAKES REGION								
TOTAL	2968247	1372790	1466780	1148737	639075	115402		1762280

TABLE 28 -- CROPS HARVESTED, MICHIGAN COUNTIES, NORTHERN REGION, 1969

COUNTY	FIELD CORN FOR GRAIN		SILAGE		HAY		IRISH POTATOES		ORCHARDS	
	1969 ACRES	1969 BUCHER	1969 ACRES	ACRES	ACRES	TONS	ACRES	ACRES	ACRES	ACRES
ALCONA	180	9500	991	11864	21183		5		6	
ALGER	109	6000	57	5362	10425		8		81	
ALPENA	377	30229	1524	15639	30556		32		1132	
ANTRIM	1684	134096	1651	7932	14978		674		1991	
ARENAC	6298	496646	2701	11981	27429		421		2724	
BARAGA	0	0	2	4357	6277		10		0	
BENZIE	388	22315	518	1903	3553		1		3301	
CHARLEVOIX	1210	100647	1597	8534	15821		73		422	
CHEBOYGAN	96	3016	988	9402	16064		14		614	
CHIPEWA	40	2000	24	31111	41198		5		250	
CLARE	2368	190439	2465	13919	30797		23		826	
CRAWFORD	0	0	0	0	0		0		0	
DELTA	333	12082	1026	14763	28069		460		257	
DICKINSON	144	11573	535	6143	11552		1322		83	
EMMET	1036	82357	1602	9752	18671		462		80	
GLADWIN	3893	280226	2100	15945	32643		4		811	
GOGEBIC	0	0	24	3449	4410		9		0	
GRAND TRAVERSE	1722	132505	1787	10242	18045		21		951	
HOUGHTON	33	2070	56	8749	11358		728		0	
IOSCO	1402	83770	2127	10535	22468		17		2924	
IRON	9	0	22	3712	6389		480		15	
KALKASKA	140	8570	601	2873	5195		187		303	
KEWEENAW	0	0	0	0	0		0		0	
LAKE	259	17334	462	4417	9126		18		103	
LEELANAU	1196	94242	1329	6235	10848		60		257	
LUCE	0	0	0	2682	4481		190		13	
MACKINAC	0	0	158	6684	11264		7		30	
MANISTEE	948	51938	769	5780	9293		1192		86	
MARGUETTE	0	0	258	3721	6999		328		50	
MASON	5385	329793	2447	14622	32927		70		440	
MECOSTA	10399	681096	3700	20703	43529		2573		2437	
MENOMINEE	162	13280	4351	30192	58923		71		1474	
MISSAUKEE	7767	231325	4423	22070	45570		322		3203	
MONTMORENCY	255	18898	798	4873	9947		9		111	
NEWAYGO	11053	709999	4476	25654	59812		197		2582	
OCEANA	5508	342264	3760	13742	27630		74		1866	
OGEMAW	2683	191161	3315	17726	40652		4		569	
ONTONAGON	0	0	16	9949	14385		6		92	
OSCEOLA	2264	156548	4428	26417	52609		218		1087	
OSODA	214	14400	708	5621	10515		0		31	
OTSEGO	171	13350	737	7418	13575		303		27	
PRESQUE ISLE	252	11721	1662	13749	26893		1707		433	
ROSCOMMON	1	150	0	1365	1814		0		8	
SCHOOLCRAFT	20	800	62	3128	5275		17		214	
WEXFORD	958	74715	1253	10410	16446		50		583	
TOTAL	65990	4 561 055	61500	465325	889594		12372		32467	
MICHIGAN SOUTHERN REGION TOTAL	1124087	87 726 523	271420	909945	2275347		31249		219411	
MICHIGAN TOTAL	1190077	92 28 7578	332920	1375270	3164941		43621		251878	

TABLE 29 -- CROPS HARVESTED. WISCONSIN COUNTIES. NORTHERN REGION, 1969

COUNTY	FIELD CORN FOR GRAIN		SILAGE	HAY		IRISH POTATOES	ORCHARDS
	1000 ACRES	1000 BUSHELS		1000 ACRES	ACRES		
ADAMS	11782	860161	2028	14913	34713	753	1749
ASHLAND	46	1620	357	16085	29325	1	30
BARRON	13962	1051629	16107	89055	228308	1191	9987
BAYFIELD	0	0	286	25352	45364	12	267
BROWN	9258	799774	23775	80501	221165	63	22005
BURNETT	2564	155231	3819	18694	36161	2	3875
CHIPPEWA	21933	1617129	17931	84172	219044	203	7733
CLARK	9961	749286	32192	101836	247217	9	41058
DOOR	1274	99850	6288	41288	98031	229	9307
DOUGLAS	0	0	83	19626	35186	21	0
EAU CLAIRE	16003	1208423	5883	41295	107404	210	7072
FLORENCE	6	450	466	4804	8921	444	0
FOREST	10	150	181	5944	11683	129	11
IRON	0	0	204	3771	6061	299	0
JACKSON	15752	1321598	6056	37007	91597	11	30562
JUNEAU	15659	1305396	3806	29646	79849	138	7809
KEWAUNEE	3665	255887	13294	60012	157160	24	20237
LANGLADE	568	43368	2734	27103	65259	9323	829
LINCOLN	251	21318	2161	26246	61509	27	3755
MARATHON	5960	458642	32426	147400	371642	3366	25788
MARINETTE	4516	288321	8359	31268	73457	206	11287
OCONTO	11776	918276	18001	53320	132349	246	12712
ONEIDA	34	2610	265	2883	5840	3693	129
OUTAGAMIE	27693	2360251	30097	75997	224001	53	34057
POLK	16140	949425	20069	70931	172394	21	6300
PORTAGE	16316	904726	12650	45871	96715	14281	12034
PRICE	372	18710	1161	24865	50053	6	1252
RUSK	3647	364902	5269	40037	88822	3	926
SAWYER	1124	94788	1387	12198	22993	251	696
SHAWANO	10168	847726	24048	76498	206463	135	20030
TAYLOR	2437	256199	5147	57537	137269	6	4844
VILAS	160	12054	87	1602	2536	295	20
WASHBURN	2675	192659	2890	18191	35718	448	680
WAUPACA	16519	1209185	21608	64966	170319	1954	29064
WOOD	4101	293626	12924	47988	109933	4	15645
TOTAL	246332	18663370	334039	1498902	3684454	38057	321750
WISCONSIN SOUTHERN REGION							
TOTAL	1409466	127121864	470613	2013220	5764474	8175	613037
WISCONSIN TOTAL	1655798	145785234	804652	3512122	9448928	46232	934787

TABLE 30 -- CROPS HARVESTED. MINNESOTA COUNTIES, NORTHERN REGION, 1969

COUNTY	FIELD CORN FOR GRAIN		SILAGE	HAY		IPI SH POTATOES	ORCHARDS
	1000 ACRES	1000 BUCKEWS	1000 ACRES	ACRES	TONS	ACRES	ACRES
AITKIN	322	14948	1624	39529	62187	111	6030
BECKER	3202	186339	11346	58130	119775	222	8073
BELTRAMI	464	18744	1352	39754	75044	362	9982
BENTON	16213	1022639	12403	31453	77415	59	31056
CARLTON	345	12308	352	35324	61744	466	735
CASS	1184	48599	2018	35381	50555	100	8730
CHISAGO	15380	975337	7578	22183	60744	18	10361
CLAY	6955	437319	7333	32092	73454	10540	5470
CLEARWATER	122	5259	985	31010	59502	489	9822
COOK	0	0	0	0	0	0	0
CROW WING	3289	147663	4049	22062	38715	48	6191
DOUGLAS	21960	1226529	19080	47381	124671	23	23574
GRANT	24299	1475475	8226	13669	34084	7	5426
HUBBARD	2771	113776	2519	18575	29402	43	4598
ISANTI	14640	777723	4052	16864	39540	647	6358
ITASCA	179	18948	461	23261	41505	594	3267
KANABEC	4091	265662	5099	30465	68150	19	5516
KITTSON	70	1199	589	30999	45336	4527	1118
KOOCHICHING	70	4500	18	13099	19882	19	1582
LAKE	0	0	0	1562	2081	3	0
LAKE OF THE WOODS	58	5800	33	12612	19265	499	2133
MAHOMEN	2072	103471	5198	17563	44675	6	10016
MARSHALL	645	34509	2210	50227	85876	15095	10380
MILLE LACS	8615	573701	7199	33574	84160	11	8470
MORRISON	22921	1246991	21280	77532	169156	78	53053
NORMAN	4627	297609	9347	28924	69804	2772	4726
OTTER TAIL	33055	1564769	51368	136896	315050	113	56480
PENNINGTON	649	36558	1543	38607	70432	155	6631
PINE	3339	221600	8028	57335	108814	78	13620
POLK	2368	132095	7658	62952	128895	24496	12134
RED LAKE	968	76536	2170	21483	47297	271	3644
ROSEAU	0	0	659	63149	91825	242	7100
ST. LOUIS	0	0	182	49782	70719	218	476
SHERBURNE	12059	584470	6232	14319	28318	3978	7752
STEARNS	61768	3419516	70357	122377	333089	93	109285
TODD	21343	1152406	28565	73856	186082	443	67263
WADEA	3042	106217	8841	28677	49509	91	17096
WILKIN	6891	388540	3891	17006	31235	424	6475
TOTAL	299976	16687755	323845	1449664	3017987	67360	544624
MINNESOTA SOUTHERN REGION TOTAL	3530028	312783051	418645	1276826	3889784	11596	596290
MINNESOTA TOTAL	3830004	329470806	742490	2726490	6907771	78956	1140914
UPPER GREAT LAKES REGION TOTAL	612298	39912180	719384	3413891	7592035	117789	898841

TABLE 31--VEGETABLES AND TREE FRUITS, ACREAGE AND PRODUCTION, MICHIGAN COUNTIES, NORTHERN REGION, 1969

COUNTY	SWEET CORN	CUCUMBERS	SNAP BEANS	APPLES		CHERRIES	
	ACRES	ACRES	ACRES	ACRES	POUNDS	ACRES	POUNDS
ALCONA	0	7	0	45	35200	10	51384
ALGER	0	0	0	6	1300	0	0
ALPENA	15	228	1	10	4270	16	4006
ANTRIM	34	0	0	514	2171500	2888	10801444
ARENAC	23	1527	2	17	35100	1	1511
BAPAGA	0	0	0	11	750	0	0
BENZIE	15	0	0	1585	8053649	2843	6777624
CHARLEVOIX	1	0	0	206	1209833	258	13115
CHEBOYGAN	18	0	0	670	2682972	(D)	0
CHIPPEWA	0	0	0	0	0	(D)	0
CLARE	0	0	0	3	0	0	0
CRAWFORD	0	0	0	0	0	0	0
DELTA	6	(2)	0	(2)	9	3540	0
DICKINSON	1	0	0	90	5	20836	0
EMMET	26	1	5	0	0	0	0
GLADWIN	0	27	0	2	2000	39	187084
GOGEBIC	0	0	0	0	0	0	0
GRAND TRAVERSE	20	19	439	1217	8527948	9966	40995495
HOUGHTON	0	(2)	0	8	2900	(2)	50
IOSCO	26	1	(2)	0	0	0	0
IRON	1	0	0	0	0	0	0
KALKASKA	0	0	0	2	400	0	0
KEWEENAW	0	0	0	0	0	0	0
LAKE	0	0	0	0	0	0	0
LEELANAU	39	(2)	0	(2)	1223	5347822	10120
LUCE	(2)	0	1	0	10	0	0
MACKINAC	0	0	0	0	0	0	0
MANISTEE	340	209	746	1940	13802117	3121	8595583
MARGUETTE	0	0	0	25	72000	0	0
MASON	31	44	1733	1811	13491664	2941	11278053
MECOSTA	68	367	1485	76	260275	354	1304076
MENOMINEE	0	0	0	4	1100	0	0
MISSAUKEE	11	17	(D)	0	2	0	0
MONTMORENCY	0	0	0	0	0	0	0
NEWAYGO	14	59	245	1532	14832033	491	2671537
OCEANA	130	680	418	4221	23695177	8665	34525888
OGEMAW	1	1	0	1	0	19	31286
ONTONAGON	0	0	0	6	1000	0	0
OSCEOLA	0	0	0	1	1225	20	24914
OSCODA	0	0	0	0	0	0	0
OTSEGO	6	0	0	0	0	0	0
PESQUE ISLE	1	0	0	4	2200	(2)	0
ROSCOMMON	0	0	0	4	0	0	150
SCHOOLCRAFT	0	0	0	29	90000	4	5870
WEXFORD	9	0	899	4	2000	0	0
TOTAL	836	3168	6063	15203	94350811	41780	151608757
MICHIGAN SOUTHERN REGION TOTAL	9974	19321	5363	53432	323888770	1544	75818720
MICHIGAN TOTAL	10810	22509	11426	68635	418239581	57745	227427477

TABLE 32 -- VEGETABLES AND TREE FRUITS, ACREAGE AND PRODUCTION, WISCONSIN COUNTIES, NORTHERN REGION, 1969

COUNTY	SWEET CORN	CUCUMBERS	SNAP BEANS	APPLES		CHERRIES	
	ACRES	ACRES	ACRES	ACRES	POUNDS	ACRES	POUNDS
ADAMS	1181	409	4136	0	0	0	0
ASHLAND	1	0	0	2	0	0	0
BARRON	4	2	1738	5	8400	0	0
BAYFIELD	11	(2)	0	445	1561580	10	36330
BROWN	2793	34	411	200	(0)	15	21000
BURNETT	14	4	201	5	200	(2)	0
CHIPPEWA	56	7	602	311	464900	0	0
CLARK	945	61	0	6	26518	1	600
DOOR	33	1	0	3033	11235351	4386	3692137
DOUGLAS	4	(2)	0	0	0	0	0
EAU CLAIRE	118	4	229	12	55600	0	0
FLORENCE	3	0	0	(2)	1200	0	0
FOREST	0	0	0	2	1000	0	0
IRON	2	1	(2)	1	0	0	0
JACKSON	702	36	344	0	0	0	0
JUNEAU	771	7	160	15	(0)	0	0
KEWAUNEE	361	2	492	110	648213	24	2690
LANGLADE	40	0	481	25	140000	0	0
LINCOLN	10	0	0	9	36500	0	0
MARATHON	9	42	117	7	3300	(2)	20
MARINETTE	1589	244	244	3	200	0	0
OCONTO	1983	713	1754	11	109000	(2)	0
ONEIDA	0	0	0	1	200	0	0
OUTAGAMIE	2903	91	491	127	467575	4	6000
POLK	737	16	1887	5	10360	(2)	0
PORTAGE	346	1314	5051	26	300	0	0
PRICE	9	10	1	3	3280	0	0
RUSH	1	0	0	1	500	0	0
SAWYER	1	7	0	0	0	0	0
SHAWANO	350	45	110	9	12960	0	0
TAYLOR	26	0	0	17	60670	0	0
VILAS	(2)	0	(2)	2	1700	0	0
WASHBURN	1	0	1	8	163960	0	0
WAUPACA	997	345	(2)	102	416150	0	0
WOOD	19	1	(2)	21	157680	1	900
TOTAL	16020	3389	18450	4524	15687297	4441	3759677
WISCONSIN SOUTHERN REGION TOTAL	101802	4786	23530	4727	33586208	70	62903
WISCONSIN TOTAL	117822	8175	41980	9251	49273505	4511	3822580

TABLE 33 -- VEGETABLES AND TREE FRUITS, ACREAGE AND PRODUCTION, MINNESOTA COUNTIES, NORTHERN REGION, 1969

COUNTY	SWEET CORN	CUCUMBERS	SNAP BEANS	APPLES	CHERRIES		
	ACRES			ACRES	POUNDS	ACRES	POUNDS
AITKIN	0	0	0	(2)	0	0	(2)
BECKER	32	9	(7)	0	1	10	0
BELTRAMI	15	0	6	0	0	0	0
BENTON	21	2	0	1	600	0	0
CARLTON	(D)	0	1	0	0	0	0
CASS	1	3	0	0	0	0	0
CHISAGO	75	1	(7)	0	5	0	0
CLAY	58	8	0	6	1100	0	0
CLEARWATER	2	0	0	0	0	0	0
COOK	0	0	0	0	0	0	0
CROW WING	29	2	0	0	0	0	0
DOUGLAS	4	1	0	2	2800	(2)	0
GRANT	2	6	0	1	1260	0	0
HUBBARD	12	0	0	0	0	0	0
ISANTI	90	2	5	0	0	0	0
ITASCA	0	0	0	0	0	0	0
KANABEC	1	(2)	0	0	0	0	0
KITTSON	3	(2)	0	1	1500	0	0
KOOCHICHING	13	2	(2)	0	0	0	0
LAKE	0	0	0	0	0	0	0
LAKE OF THE WOODS	0	0	0	0	0	0	0
MAHONEN	0	0	0	0	0	0	0
MARSHALL	0	0	0	0	0	0	0
MILLE LACS	(D)	0	0	0	0	0	0
MORRISON	12	3	6	3	630	(2)	0
NORMAN	1	1	(2)	2	3292	0	0
OTTER TAIL	34	11	2	11	3000	0	0
PENNINGTON	(2)	0	0	0	83930	0	0
PINE	1	5	0	1	1900	0	0
POLK	18	4	10	7	4800	0	0
RED LAKE	0	0	0	0	0	0	0
ROSEAU	(2)	0	0	0	0	0	0
ST. LOUIS	15	4	1	0	36000	0	0
SHERBURNE	642	26	88	1	600	0	0
STEARNNS	25	12	141	28	156106	0	0
TODD	5	17	0	21	1900	0	0
WADEA	18	3	0	0	0	0	0
WILKIN	(2)	0	(2)	1	1600	0	0
TOTAL	1129	131	261	96	301028	0	10
MINNESOTA SOUTHERN REGION							
TOTAL	110548	258	217	2971	16553017	3	645
MINNESOTA TOTAL	111677	389	478	3067	16854045	3	655
UPPER GREAT LAKES REGION							
TOTAL	17985	6708	24774	19823	110339136	46271	155368444

TABLE 34 --NURSERY AND GREENHOUSE PRODUCTS, MICHIGAN COUNTIES, NORTHERN REGION, 1964 AND 1969

COUNTY	NURSERY PRODUCTS				SOD		BULBS	
	1964 ACRES	1964 DOLLARS	1969 ACRES	1969 DOLLARS	1969 ACRES	1969 DOLLARS	1969 ACRES	1969 DOLLARS
ALCONA	7	5950	4	5250	0	0	0	0
ALGER	10	9000	11	4500	0	0	0	0
ALPENA	8	7800	0	0	0	0	0	0
ANTRIM	7	8550	3	4500	0	0	0	0
APENAC	1	2600	0	0	30	(D)	0	0
BARAGA	0	0	0	0	0	0	0	0
BENZIE	1	1200	12	(D)	0	0	0	0
CHARLEVOIX	1	300	0	0	0	0	0	0
CHEBOYGAN	21	27800	(2)	0	200	0	(2)	175
CHIPEWA	1	600	1	2500	0	0	0	0
CLARE	6	7000	14	27000	0	0	0	0
CRAWFORD	0	0	0	0	0	0	0	0
DELTA	2	1100	0	0	0	0	0	0
DICKINSON	40	66800	0	0	0	0	0	0
EMMET	36	99001	0	0	0	0	0	0
GLADWIN	35	(D)	0	10	(D)	0	0	0
GOGEBIC	2	2000	0	0	0	0	0	0
GRAND TRAVERSE	5	8300	2	3000	0	0	0	0
HOUGHTON	0	0	0	0	0	0	0	0
IOSCO	1	6000	0	0	(D)	0	(D)	0
IRON	0	0	0	0	0	0	0	0
KALKASKA	0	0	65	97500	0	0	(7)	(D)
KEWEENAW	0	0	0	0	0	0	0	0
LAKE	0	0	0	0	0	0	0	0
LEELANAU	0	850	2	(D)	0	1	700	0
LUCE	60	(D)	0	45	(D)	0	0	0
MACKINAC	0	0	0	0	0	0	0	0
MANISTEE	9	16400	74	133469	0	0	10	(D)
MAPOQUETTE	7	18600	0	0	0	0	0	0
MASON	44	64450	22	(D)	0	0	0	0
MECOSTA	2	2400	0	0	0	0	0	0
MENOMINEE	0	100	2	2250	0	0	3	986
MISSAUKEE	2	1100	(D)	0	(D)	0	0	0
MONTMORENCY	0	0	0	0	0	0	0	0
NEWAYGO	2	4200	3	4000	0	0	0	0
OCEANA	28	25627	66	125800	0	0	0	0
OGEMAW	0	0	0	0	0	0	0	0
ONTONAGON	0	0	0	0	0	0	0	0
OSCEOLA	11	(D)	0	12	15890	0	0	0
OSCODA	2	900	1	1500	0	0	0	0
OTSEGO	0	0	0	0	0	0	0	0
PRESQUE ISLE	1	1500	(7)	0	450	0	0	0
ROSCOMMON	18	3775	14	(D)	0	0	0	0
SCHOOLCRAFT	0	0	0	0	0	0	0	0
WEXFORD	35	94883	23	(D)	0	0	0	0
TOTAL	405	488786	386	427809	31	700	13	1161
MICHIGAN SOUTHERN REGION TOTAL	5768	6873251	4780	7012801	6620	4914042	423	251044
MICHIGAN TOTAL	6173	7362037	5166	7440610	6651	4914742	436	252205

TABLE 35 --NURSERY AND GREENHOUSE PRODUCTS, WISCONSIN COUNTIES, NORTHERN REGION, 1964 AND 1969

COUNTY	NURSERY PRODUCTS				SOIL				BULBS	
	1964 ACRES	1964 DOLLARS	1969 ACRES	1969 DOLLARS	1964 ACRES	1964 DOLLARS	1969 ACRES	1969 DOLLARS	1969 ACRES	1969 DOLLARS
ADAMS	0	0	(7)	0	540	0	0	0	0	0
ASHLAND	5	3700	0	0	0	0	0	0	0	0
BARRON	6	5550	7	(0)	0	0	6	(0)	0	0
RAYFIELD	36	33752	21	(0)	0	0	0	0	0	0
BROWN	233	686000	12	21800	15	9000	0	0	0	0
BURNETT	0	0	0	0	0	0	0	0	0	0
CHIPPEWA	12	11055	3	5400	0	0	0	0	0	0
CLARK	1	400	7	9995	0	0	0	0	0	0
DOOR	132	206830	(0)	0	4	2800	0	0	0	0
DOUGLAS	3	500	0	0	32	(0)	0	0	0	0
EAU CLAIRE	8	6000	12	20100	0	0	0	0	0	0
FLORENCE	0	0	0	0	0	0	0	0	0	0
FOREST	0	0	0	0	0	0	0	0	0	0
IRON	0	0	0	0	0	0	0	0	0	0
JACKSON	13	12831	12	(0)	0	0	0	0	0	0
JUNEAU	3	5400	0	0	0	0	0	0	0	0
KEWAUNEE	2	120	0	0	0	0	0	0	0	0
LANGLADE	18	21715	12	21080	0	0	0	0	0	0
LINCOLN	15	8048	0	0	0	0	0	0	0	0
MARATHON	25	29100	13	23400	0	0	0	0	0	0
MARINETTE	4	2100	0	0	0	0	0	0	0	0
OCONTO	0	0	0	0	0	0	0	0	0	0
ONEIDA	67	85586	1	(0)	0	0	0	0	0	0
CUTAGAMIE	19	15400	10	13200	0	0	0	0	0	0
POLK	2	7332	12	20430	0	0	0	0	3	1500
PORTAGE	6	8000	3	(0)	0	0	0	0	(2)	0
PRICE	0	0	2	2700	20	(0)	0	0	0	0
RUSK	0	100	2	1324	0	0	0	0	0	0
SAWYER	0	0	0	0	0	0	0	0	0	0
SHAWANO	8	11900	21	24654	0	0	0	0	0	0
TAYLOR	0	0	0	0	0	0	0	0	0	0
VILAS	1	3262	0	0	0	0	0	0	0	0
WASHBURN	0	0	0	0	0	0	0	0	0	0
WAUPACA	11	15329	0	0	10	(0)	0	0	0	0
WOOD	194	279511	57	59924	0	0	0	0	0	0
TOTAL	824	1458831	213	724547	87	11800	3	0	0	1500
WISCONSIN SOUTHERN REGION										
TOTAL	1402	2105229	746	1295815	4516	2230878	76	0	0	62400
WISCONSIN TOTAL	2226	3565050	959	1520362	4603	2242678	79	0	0	63900

TABLE 36 --NURSERY AND GREENHOUSE PRODUCTS, MINNESOTA COUNTIES, NORTHERN REGION, 1964 AND 1969

COUNTY	NURSERY PRODUCTS				SOD		BULBS	
	1964 ACRES	1964 DOLLARS	1969 ACRES	1969 DOLLARS	1964 ACRES	1964 DOLLARS	1969 ACRES	1969 DOLLARS
ATTKIN	0	0	0	0	15	(0)	0	0
BECKER	0	0	0	0	0	0	0	0
BELTPAMI	10	(D)	0	30750	0	0	(2)	50
BENTON	1	(D)	15	(0)	0	0	0	0
CARLTON	0	0	0	0	2	1900	0	0
CASS	0	0	0	0	0	0	0	0
CHISAGO	2	2284	19	29000	484	134650	0	0
CLAY	0	0	2	(D)	83	(D)	0	0
CLEARWATER	10	(D)	15	(0)	0	0	0	0
COOK	0	0	0	0	0	0	0	0
CROW WING	22	6350	0	0	0	0	0	0
DOUGLAS	1	571	0	0	7	7000	0	0
GRANT	0	200	0	0	0	0	0	0
HUBBARD	3	4500	1	2100	0	0	(2)	80
ISANTI	6	(D)	0	3398	0	0	0	0
ITASCA	2	3780	0	0	0	0	0	0
KANABEC	0	0	0	0	0	0	0	0
KITTSON	0	0	2	6000	0	0	0	0
KOCHICHING	0	200	0	0	0	0	0	0
LAKE	0	0	0	0	0	0	0	0
LAKE OF THE WOODS	7	0	0	0	0	0	0	0
MAHNOVEN	0	0	0	0	0	0	0	0
MARSHALL	0	0	0	0	0	0	0	0
MILLE LACS	0	160	1	300	0	0	0	0
MORRISON	0	0	(7)	0	300	0	0	0
NORMAN	18	8000	37	(D)	0	0	0	0
OTTER TAIL	17	27000	5	(D)	0	0	0	0
PENNINGTON	0	(D)	0	0	0	0	0	0
PINE	10	3000	0	0	0	0	0	0
POLK	8	(D)	8	(D)	0	0	0	0
RED LAKE	0	0	0	0	0	0	0	0
ROSEAU	0	0	0	0	0	0	0	0
ST. LOUIS	12	10500	1	1000	0	0	(2)	50
SHERBURN	15	(D)	0	63699	0	0	0	0
STEARN	1	92	5	7500	0	0	0	0
TODD	4	(D)	0	0	7	7000	0	0
WADENA	0	0	0	0	0	0	0	0
WILKIN	0	0	31	(D)	0	0	0	0
TOTAL	140	66637	228	144047	598	150550	0	180
MINNESOTA SOUTHERN REGION TOTAL	1920	1990114	1166	2439423	2362	636529	180	30560
MINNESOTA TOTAL	2060	2056751	1395	2583470	2960	787079	180	30740
UPPER GREAT LAKES REGION TOTAL	1369	2014254	828	796403	716	163050	16	2841

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