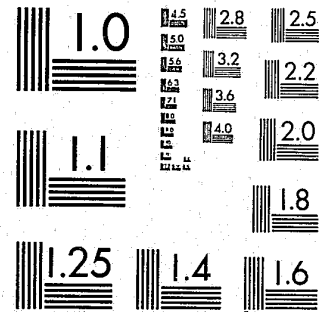


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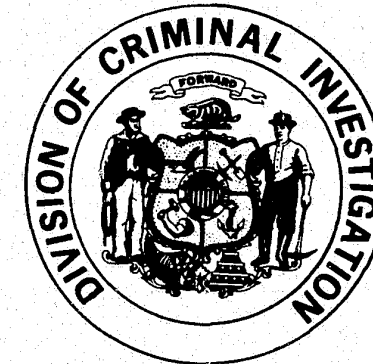
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1979

WISCONSIN DEPARTMENT OF JUSTICE
DIVISION OF CRIMINAL INVESTIGATION
ARSON BUREAU

ANNUAL REPORT



Prepared by the
WISCONSIN DEPARTMENT OF JUSTICE
Bronson C. La Follette, Attorney General

83102

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MAR 12 1982
ACQUISITIONS

FRANK A. MEYERS, ADMINISTRATOR
DIVISION OF CRIMINAL INVESTIGATION
STATE FIRE MARSHAL

83102

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SECTION I - ARSON BUREAU REPORT

ORGANIZATION:

The Administrator of the Division of Criminal Investigation is the State Fire Marshal. Operational activities are assigned to the Arson Bureau which is one of the four bureaus of the Division. The bureau consists of a Director and 12 special agents who are located in Appleton, Eau Claire, Madison, Milwaukee, Park Falls, and Weyauwega.

The headquarters office is located at 123 West Washington Avenue, Madison, Wisconsin 53702. The 24 hour phone number is 608-266-1671. A 24 hour phone service is also maintained in Milwaukee at 414-224-4495.

FUNCTIONS:

The Arson Bureau serves as a supplement to the fire service and local law enforcement. Services provided include:

- a. Investigative assistance on fires of known or suspected incendiary origin;
- b. Investigative assistance on bombings and explosions of suspected criminal origin;
- c. Investigative assistance on fatal fires of undetermined or suspicious origin;
- d. Training in fire and arson investigation.

RESPONSIBILITY FOR FIRE AND ARSON INVESTIGATION:

Section 165.55, Wisconsin Statutes:

"165.55(1). The chief of the fire department or company of every city, village and town in which a fire department or company exists, and where no fire department or company exists, the city mayor, village president or town clerk shall investigate or cause to be investigated the cause, origin, and circumstances of every fire occurring in his city, village or town by which property has been destroyed or damaged when the damage exceeds \$500, and on fires of unknown origin he shall especially investigate whether the fire was the result of negligence, accident or design. Where any investigation discloses that the fire may be of incendiary origin, he shall report the same to the state fire marshal."

RESPONSIBILITY FOR FIRE AND ARSON INVESTIGATION (cont'd)

Fire chiefs are responsible for investigating every fire in which damage exceeds \$500 and where the investigation shows that the fire may be of incendiary origin, that fire must be reported to the State Fire Marshal. Accordingly, the responsibility for fire and arson investigation is as follows:

- a. Fire chiefs are solely responsible for fire investigation.
- b. Fire chiefs and the State Fire Marshal have joint responsibility for arson detection.
- c. The State Fire Marshal and local law enforcement have joint responsibility for arson investigation.

SUMMARY AND ANALYSIS

COMPLAINTS:

During 1979, the Arson Bureau received 783 complaints. These complaints actually covered over 800 separate incidents since some complaints covered a series of fires. This is a 13% increase over complaints received in 1978.

80% of the complaints originated with fire service agencies and 17% were received from law enforcement agencies. The remaining 3% came from district attorneys, other state agencies, insurance companies, and citizens.

COMPLAINT DISPOSITIONS:

Based on the above complaints, 536 investigations were initiated by the Arson Bureau during 1979. This is approximately a 2% increase over 1978. 224 complaints were declined for a variety of reasons including lack of access to premises and excessive overhaul of the fire scene but the over-riding reason was workload. 23 complaints were referred to local law enforcement agencies for follow-up investigation. The majority of these complaints involved non-arson related offenses.

CASE DISPOSITIONS:

During the year, the Arson Bureau completed 215 full scale investigations. 174 of these cases were determined to be arson. As a result of these investigations, 52 persons were charged with 87 separate arson related counts. An additional 11 cases were referred for prosecutorial decision but no charges were issued. The remaining 41 incidents were found to be accidental fires after investigation. This represents a 2% increase in dispositions over 1978.

COURT DISPOSITIONS:

52 Arson Bureau cases were finally adjudicated during 1979. 83% resulted in convictions. This is a 5% increase in the conviction rate. Two individuals were found not guilty by reason of mental defect and were subsequently committed. In addition, five juveniles were processed through the juvenile court system. At the close of 1979, 37 court cases were pending.

SENTENCING:

29 Arson Bureau defendants were sentenced during 1979. 18 received prison terms with the average sentence being about 7 years. 11 received probation with the average probation term being slightly more than 3 years. In addition, \$7,250 in fines and restitution were ordered.

MOTIVES:

The Bureau attempts to establish and classify motives in each full scale investigation completed. While motive is not an element of the crime of arson, few prosecutors will accept an arson case without some evidence of a motive. Motives are also of some value in spotting trends. 1979 followed a relatively normal pattern in regard to motives except there was a 6% increase in fraud fires. Spite/revenge continues to be the leading motive for arson in Wisconsin and in approximately 1/3 of the cases, no motive could be established.

FATAL FIRES:

During the year, the Bureau investigated 29 fatal fires involving 47 fatalities. In most of these cases, an accidental cause for the fire was established. In 4 cases, the cause of the fire was definitely determined to be arson. One case involved an apartment fire which killed 3 people. A suspect was apprehended and convicted in this case. Another case involved the beating of an elderly woman and the arson of her apartment. Two suspects were apprehended and convicted in this instance. The other two cases involved arson/suicide.

INCENDIARY LOSSES:

The damage caused by fires, explosions and bombings of known incendiary origin investigated by the Arson Bureau was about \$7.9 million. This is about a 5% decrease from 1978 but a 75% increase over the five year average. It should be stressed that these figures apply only to cases investigated by the Arson Bureau and that the statewide loss from arson is about \$13 million. (See Section III).

GEOGRAPHICAL DISTRIBUTION:

During 1979, the Bureau conducted investigations in 69 of the 72 counties in the state. 50% of the requests for assistance came from Milwaukee County. About 14% came from other counties having a population of more than 100,000; 13% from counties having populations of from 50,000 to 100,000; and 23% from counties having population under 50,000.

TRAINING:

During 1979, the Arson Bureau conducted 40 separate training sessions for over 1,100 students. Subjects covered included fire investigation, arson recognition and basic arson investigation. The number of classes offered increased by 25% and the average class size was reduced from 38 to 28.

OTHER ACCOMPLISHMENTS:

1. During the year, an experimental major case team was formed within the Arson Bureau. The purpose of the team is to bring together 5 specially trained agents who work together on arsons involving loss of life, serious injury or major property damage. During 1979, the team was activated on 3 separate occasions and was successful in identifying and apprehending the arsonist on two of the cases.
2. Arson Bureau territories were realigned during 1979 to make more efficient use of manpower. In addition, procedures were developed to make it easier for local officials to contact on-call special agents after hours.
3. During 1979, a two year performance assessment of the Arson Bureau was initiated. A random survey of fire departments, law enforcement agencies and prosecutors is being conducted to obtain feedback from the primary users of the Bureau's services. During 1979, 155 surveys were sent out. 103 replies were received and over 98% rated Bureau services satisfactory or better.

SECTION II - STATISTICAL DATA

	<u>1978</u>	<u>1979</u>
I. <u>COMPLAINTS RECEIVED FROM:</u>		
Citizens	*	8
Law Enforcement	*	133
Fire Departments	*	630
District Attorney	*	2
State Agency	*	8
Other	*	2
TOTAL	<u>688</u>	<u>783</u>
II. <u>INVESTIGATIONS:</u>		
Referred to Other Law Enforcement	*	23
Decline - Workload	163	121
Decline-Lack of Criminal Violation	*	52
Decline-Lack of Access, Received for information only	23	51
Preliminary Investigation	270	332
Full Scale Investigation	232	204
TOTAL	<u>688</u>	<u>783</u>
III. <u>DISPOSITIONS:</u>		
Case Closed - Lack of Merit	50	41
Lack of Leads	93	111
Prosecution Declined	*	11
Entities Charged	66	52
Counts Charged	73	87
IV. <u>COURT DISPOSITIONS:</u>		
Dismissed-Lack of Merit	11	4
Not Guilty	1	2
Not Guilty/Mental Defect	7	2
Guilty Plea	*	24
Guilty Trial	*	3
Plea Bargained	*	12
Total Guilty	35	39
Referred to Juvenile Authority	18	5
Pending 12/31	36	37
Sentenced:		
Imprisonment	13	18
Probation	22	11
Fine/Restitution	*	3
Sentence Pending 12/31	0	7

	<u>1978</u>	<u>1979</u>		
V. <u>TRAINING:</u>				
Hours	*	96		
Personnel	1,238	1,114		
VI. <u>FATAL FIRES:</u>				
Accidental	21	26		
Arson	2	4		
Undetermined	4	0		
VII. <u>INCENDIARY LOSS:</u>				
<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>
\$3,400,000	\$5,900,000	\$4,300,000	\$8,100,000	\$7,900,000
VIII. <u>MOTIVES:</u>				
Fraud	19	27		
Political	0	0		
Mental:				
Pyromania	3	7		
Psychopathic	19	22		
Vandalism	20	18		
Spite	33	32		
Crime cover-up	6	9		
Vanity	2	1		
Unknown	<u>77</u>	<u>58</u>		
TOTAL	<u>179</u>	<u>174</u>		

* Statistical base changed in 1979; no comparable data available for 1978.

XII. GEOGRAPHICAL DISTRIBUTION:

COUNTY	1978	1979	COUNTY	1978	1979
Adams	1	4	Marinette	6	7
Ashland	0	5	Marquette	4	2
Barron	2	4	Menominee	6	0
Bayfield	2	7	Milwaukee County	22	21
Brown	8	3	Milwaukee City	315	365
Buffalo	2	1	Monroe	1	1
Burnett	4	1	Oconto	6	3
Calumet	3	2	Oneida	2	3
Chippewa	6	5	Outagamie	9	6
Clark	1	4	Ozaukee	5	5
Columbia	9	3	Pepin	1	3
Crawford	4	4	Pierce	3	1
Dane	26	21	Polk	10	4
Dodge	5	9	Portage	9	9
Door	0	2	Price	5	9
Douglas	2	2	Racine	8	11
Dunn	5	10	Richland	4	4
Eau Claire	6	9	Rock	5	9
Florence	1	0	Rusk	5	1
Fond du Lac	6	3	St. Croix	8	10
Forest	4	3	Sauk	7	6
Grant	9	6	Sawyer	3	3
Green	1	3	Shawano	1	5
Green Lake	2	4	Sheboygan	6	5
Iowa	1	6	Taylor	2	4
Iron	2	4	Trempealeau	3	2
Jackson	5	2	Vernon	3	2
Jefferson	4	6	Vilas	2	8
Juneau	1	4	Walworth	21	27
Kenosha	11	11	Washburn	0	1
Kewaunee	0	2	Washington	3	7
LaCrosse	5	2	Waukesha	14	30
Lafayette	3	2	Waupaca	10	15
Langlade	2	0	Waushara	8	8
Lincoln	1	2	Winnebago	9	14
Manitowoc	2	4	Wood	11	7
Marathon	7	5			
			TOTAL	<u>688</u>	<u>783</u>

SECTION III

1979

WISCONSIN ARSON STATISTICS

Prepared by the
WISCONSIN DEPARTMENT OF JUSTICE
Division of Law Enforcement Services
Crime Information Bureau

Howard G. Bjorklund
Administrator

Larry Quamme
Director

CRIME INFORMATION BUREAU — KNOWN ARSONS TOTAL 1,471 IN STATE DURING 1979 . . .

A great deal of attention continues to be focused on the crime of arson. This report is in response to that interest and contains information on the number of arsons known to Wisconsin law enforcement agencies. The data collected are based on cooperative efforts among law enforcement agencies, fire departments and the Wisconsin Justice Department's Arson Bureau.

For many years the incidence of seven types of crimes (murder, forcible rape, robbery, aggravated assault, burglary, theft and motor vehicle theft) has been used in the Uniform Crime Reporting Program as a Crime Index to measure the general extent, fluctuation, distribution and nature of crime in our society. Arson has been added to the list of Crime Index offenses, and arson information is now collected on a monthly basis and will be included as a Crime Index offense for 1980.

STATE OF WISCONSIN
ARSONS KNOWN TO LAW ENFORCEMENT AGENCIES
1979 vs. 1978

	NUMBER OF ARSONS	ESTIMATED DOLLAR VALUE OF DAMAGE/LOSS	AVERAGE VALUE PER OFFENSE
1979	1,471	\$13,056,036	\$8,876
1978	1,272	\$10,627,977	\$8,355
PERCENTAGE CHANGE	+15%	+24%	+6%

STATE OF WISCONSIN
ARSONS KNOWN TO LAW ENFORCEMENT AGENCIES
MONTHLY FLUCTUATION - 1979

	NUMBER OF ARSONS	ESTIMATED DOLLAR VALUE OF DAMAGE/LOSS	AVERAGE VALUE PER OFFENSE
JANUARY	87	\$ 2,564,820	\$29,481
FEBRUARY	64	\$ 652,960	\$10,203
MARCH	115	\$ 404,481	\$ 3,517
APRIL	140	\$ 1,049,006	\$ 7,493
MAY	155	\$ 600,048	\$ 3,871
JUNE	180	\$ 843,820	\$ 4,688
JULY	131	\$ 739,594	\$ 5,646
AUGUST	95	\$ 399,416	\$ 4,204
SEPTEMBER	151	\$ 3,137,718	\$20,780
OCTOBER	127	\$ 548,424	\$ 4,318
NOVEMBER	108	\$ 877,387	\$ 8,124
DECEMBER	118	\$ 1,238,362	\$10,495
1979 TOTAL	1,471	\$13,056,036	\$ 8,876

More detailed information is shown on the following pages. Additional copies of this report are available by contacting: Director, Crime Information Bureau, P.O. Box 2718, Madison, WI 53701 (608) 266-7314.

ARSONS KNOWN TO WISCONSIN LAW ENFORCEMENT AGENCIES
1979 vs. 1978
WISCONSIN POPULATION CATEGORIES

	NUMBER OF ARSONS			ESTIMATED DOLLAR VALUE OF DAMAGE/LOSS		
	1979	1978	% Change	1979	1978	% Change
MILWAUKEE	263	304	-13%	\$ 398,121	\$ 259,593	+53%
CITIES 50,000-250,000	388	314	+24%	\$ 4,187,258	\$ 1,698,376	+147%
CITIES 25,000-50,000	183	129	+42%	\$ 1,481,953	\$ 622,492	+138%
CITIES 10,000-25,000	210	193	+9%	\$ 2,063,294	\$ 1,921,329	+7%
CITIES 5,000-10,000	74	62	+19%	\$ 315,806	\$ 3,717,352	-92%
CITIES UNDER 5,000	54	34	+35%*	\$ 1,386,915	\$ 286,035	+385%*
SUBURBAN AREA SHERIFFS' OFFICES	141	110	+35%*	\$ 1,088,509	\$ 843,070	+29%*
RURAL AREA SHERIFFS' OFFICES	155	126	+24%*	\$ 2,132,678	\$ 1,279,730	+67%*
STATE TOTAL	1,471	1,272	+15%*	\$13,056,036	\$10,627,977	+23%*

*Percentage changes calculated to exclude effect of New Direct Contributors.

	NUMBER OF ARSONS		ESTIMATED DOLLAR VALUE OF DAMAGE/LOSS			NUMBER OF ARSONS		ESTIMATED DOLLAR VALUE OF DAMAGE/LOSS	
	1979	1978	1979	1978		1979	1978	1979	1978
STATE OF WISCONSIN	1,471	1,272	\$13,056,036	\$10,627,977	CITIES 5,000-10,000	0	1	\$ 0	\$ 25,000
ALL CITIES	1,172	1,036	\$ 9,833,347	\$ 8,505,176	ANTIGO	0	1	\$ 0	\$ 10
CITIES OVER 250,000 (MILWAUKEE)	263	304	\$ 398,121	\$ 259,593	ASHLAND	1	5	\$ 3,000	\$ 10,800
CITIES 50,000-250,000					BARABOO	1	1	\$ 0	\$ 0
APPLETON	16	24	\$ 124,950	\$ 9,962	BELOIT TOWN (S)	5	0	\$ 2,400	\$ 0
GREEN BAY	34	17	\$ 181,905	\$ 39,930	BERLIN	0	0	\$ 0	\$ 0
JANESVILLE	24	25	\$ 128,935	\$ 33,133	BURLINGTON (S)	0	0	\$ 0	\$ 0
KENOSHA	76	31	\$ 210,960	\$ 33,470	BURLINGTON TOWN (S)	3	5	\$ 200	\$ 1,202,567
MADISON	47	59	\$ 1,721,870	\$ 839,870	DELAVER	0	1	\$ 0	\$ 0
OSHKOSH	35	18	\$ 188,522	\$ 205,785	ELM GROVE (S)	5	4	\$ 16,600	\$ 12,450
RACINE	69	82	\$ 1,269,985	\$ 169,711	FORT ATKINSON	1	0	\$ 135	\$ 0
WAUKESHA	15	15	\$ 239,320	\$ 33,798	GRAFTON (S)	2	0	\$ 10,100	\$ 0
WAUWATOSA	17	5	\$ 24,252	\$ 302,900	HALES CORNERS (S)	0	0	\$ 0	\$ 0
WEST ALLIS	55	38	\$ 96,559	\$ 30,817	HARTFORD (S)	9	15	\$ 0	\$ 15,050
50,000-250,000	388	314	\$ 4,187,258	\$ 1,698,376	HARTLAND (S)	1	0	\$ 300	\$ 0
CITIES 25,000-50,000					HUDSON (S)	0	0	\$ 0	\$ 0
BELOIT (S)	12	11	\$ 5,352	\$ 5,180	JEFFERSON	5	0	\$ 67,500	\$ 0
BROOKFIELD (S)	12	4	\$ 112,050	\$ 2,600	KIMBERLY (S)	1	0	\$ 0	\$ 0
EAU CLAIRE (S)	21	10	\$ 510,745	\$ 244,350	LAKE GENEVA	3	1	\$ 62,640	\$ 2,200
FOND DU LAC	2	5	\$ 10,025	\$ 27,254	LITTLE CHUTE (S)	0	0	\$ 0	\$ 0
GREENFIELD (S)	7	7	\$ 865	\$ 110,220	MADISON TOWN (S)	8	0	\$ 13,000	\$ 0
LA CROSSE (S)	14	10	\$ 417,675	\$ 13,147	MERRILL	0	0	\$ 0	\$ 0
MANITOWOC	9	7	\$ 612	\$ 294	MONONA (S)	0	1	\$ 0	\$ 0
MENOMONEE FALLS (S)	6	2	\$ 75,300	\$ 25	MONROE	2	6	\$ 245	\$ 140,100
NEW BERLIN (S)	19	4	\$ 15,445	\$ 335	NEW LONDON	2	2	\$ 20	\$ 3,000
SHEBOYGAN	32	38	\$ 44,726	\$ 34,472	OCONOMOWOC TOWN (S)	1	1	\$ 0	\$ 0
SUPERIOR (S)	39	22	\$ 70,658	\$ 179,265	ONALASKA (S)	4	2	\$ 630	\$ 2,300,000
UW-MADISON (S)	9	5	\$ 202,500	\$ 2,850	PLATTEVILLE	2	1	\$ 10	\$ 1,100
UW-MILWAUKEE (S)	1	1	\$ 15	\$ 50	PLYMOUTH	1	1	\$ 25	\$ 100
WAUSAU	2	4	\$ 16,000	\$ 2,500	PORT WASHINGTON (S)	3	1	\$ 448	\$ 200
25,000-50,000	184	130	\$ 1,481,953	\$ 622,542	PORTAGE	1	0	\$ 16,000	\$ 0
CITIES 10,000-25,000					PRAIRIE DU CHIEN	2	5	\$ 8,900	\$ 250
BEAVER DAM	3	1	\$ 2,600	\$ 1,546	RHINELANDER	4	0	\$ 290	\$ 0
BROWN DEER (S)	3	8	\$ 800	\$ 6,120	RICE LAKE	2	1	\$ 90,104	\$ 0
CALEDONIA TOWN (S)	10	11	\$ 73,000	\$ 231,015	RIPON	2	0	\$ 23,200	\$ 0
CEDARBURG (S)	0	1	\$ 0	\$ 522	RIVER FALLS	0	2	\$ 0	\$ 1,210
CHIPPEWA FALLS (S)	4	0	\$ 15,000	\$ 0	SAUK-PRIARIE	0	0	\$ 0	\$ 0
CIDNEY (S)	15	12	\$ 44,724	\$ 755	SHAWANO	2	1	\$ 19	\$ 3,000
DE PERE (S)	2	16	\$ 61,170	\$ 131,250	SHEBOYGAN FALLS	0	0	\$ 0	\$ 0
FITCHBURG (S)	3	5	\$ 1,100	\$ 500	SPARTA	0	0	\$ 0	\$ 0
FRANKLIN (S)	16	8	\$ 440,055	\$ 66,560	STOUGHTON (S)	0	2	\$ 0	\$ 300
GERMANTOWN (S)	5	5	\$ 6,100	\$ 10,300	STURGEON BAY	0	0	\$ 0	\$ 0
GLENDALE (S)	1	1	\$ 25,000	\$ 14,000	TOMAH	0	0	\$ 0	\$ 0
GREENDALE (S)	0	2	\$ 0	\$ 14,310	UW-PARKSIDE (S)	0	1	\$ 0	\$ 0
KAUKAUNA (S)	4	7	\$ 6,042	\$ 3,722	UW-RIVER FALLS	1	1	\$ 50	\$ 15
MARINETTE	5	1	\$ 10,300	\$ 50	UW-WHITEWATER	0	0	\$ 0	\$ 0
MARSHFIELD	0	2	\$ 0	\$ 90,005	WAUPUN	0	0	\$ 0	\$ 0
MENASHA (S)	4	8	\$ 400,526	\$ 1,031,499	WESTON TOWN	0	0	\$ 0	\$ 0
MENASHA TOWN (S)	4	0	\$ 60,200	\$ 0	5,000-10,000	74	62	\$ 315,806	\$ 3,717,352
MENOMONIE	14	6	\$ 1,140	\$ 315	CITIES UNDER 5,000				
MEQUON (S)	2	4	\$ 11,500	\$ 5,140	ADAMS	1	NDC	\$ 300	NDC
MIDDLETON (S)	6	0	\$ 18,100	\$ 0	ALGOMA	0	0	\$ 0	\$ 0
MT. PLEASANT TOWN (S)	8	8	\$ 4,050	\$ 12,050	ALTOONA (S)	0	0	\$ 0	\$ 0
MUSKEGO (S)	2	4	\$ 800	\$ 3,560	BAYSIDE (S)	0	0	\$ 0	\$ 0
NEENAH (S)	10	13	\$ 1,000	\$ 150	BLACK RIVER FALLS	1	2	\$ 0	\$ 1,003
OAK CREEK (S)	0	0	\$ 0	\$ 0	BLOOMER (S)	0	2	\$ 0	\$ 300
OCONOMOWOC (S)	2	4	\$ 195,000	\$ 4,075	BRILLION (S)	3	0	\$ 5,500	\$ 0
SHOREWOOD (S)	2	3	\$ 199	\$ 1,000	BRODHEAD	0	1	\$ 0	\$ 2
SOUTH MILWAUKEE (S)	17	19	\$ 535,725	\$ 55,630	CHENEQUA (S)	1	0	\$ 1,000	\$ 0
ST. FRANCIS (S)	2	4	\$ 0	\$ 175	CHILTON (S)	1	0	\$ 0	\$ 0
STEVENS POINT	13	10	\$ 37,355	\$ 174,225	CLINTONVILLE	0	0	\$ 0	\$ 0
SUN PRAIRIE (S)	12	8	\$ 75,780	\$ 502	COLUMBUS	0	1	\$ 0	\$ 10
TWO RIVERS	1	1	\$ 200	\$ 0	COMBINED LOCKS (S)	0	0	\$ 0	\$ 0
UW-EAU CLAIRE (S)	0	0	\$ 0	\$ 0	CUBA CITY	0	NDC	\$ 0	NDC
UW-OSHKOSH (S)	5	5	\$ 20	\$ 323	DARLINGTON	0	1	\$ 0	\$ 600
WATERTOWN	8	2	\$ 11,210	\$ 20,050	DEFOREST (S)	0	NDC	\$ 0	NDC
WEST BEND (S)	17	8	\$ 680	\$ 36,230	DELAFIELD (S)	1	0	\$ 1,100	\$ 0
WHITEFISH BAY (S)	0	0	\$ 0	\$ 0	DELAVER TOWN	6	12	\$ 224,000	\$ 256,550
WHITEWATER	3	2	\$ 3,083	\$ 0	DEVILS LAKE ST. PK.	0	0	\$ 0	\$ 0
WISCONSIN RAPIDS	6	3	\$ 20,820	\$ 5,700	DODGEVILLE	0	0	\$ 0	\$ 0
10,000-25,000	209	192	\$ 2,063,279	\$ 1,921,279	EAST TROY	1	0	\$ 25	\$ 0
					EAST TROY TOWN	1	1	\$ 12,100	\$ 8,000
					EDGERTON (S)	3	0	\$ 40,225	\$ 0

(S) = Suburban City.
NDC = New Direct Contributor.

	NUMBER OF ARSONS		ESTIMATED DOLLAR VALUE OF DAMAGE/LOSS			NUMBER OF ARSONS		ESTIMATED DOLLAR VALUE OF DAMAGE/LOSS	
	1979	1978	1979	1978		1979	1978	1979	1978
ELKHORN	1	0	\$ 0	\$ 0	OZAUKEE CO SO	1	0	\$ 3,500	\$ 0
ELROY	1	0	\$ 13,000	\$ 0	RACINE CO SO	9	7	\$ 22,700	\$ 51,051
EVANSVILLE (S)	1	0	\$ 0	\$ 0	ROCK CO SO	9	2	\$ 14,029	\$ 10,000
HOLMEN (S)	0	NDC	\$ 0	NDC	ST. CROIX CO SO	6	2	\$ 10,300	\$ 5,000
HORICON	2	4	\$ 225	\$ 250	WASHINGTON CO SO	9	8	\$ 375,000	\$ 4,401
Kewaunee	0	0	\$ 0	\$ 0	WAUKESHA CO SO	15	7	\$ 21,299	\$ 8,700
KIEL	0	0	\$ 0	\$ 0	WINNEBAGO CO SO	6	10	\$ 10,400	\$ 154,882
LADYSMITH	0	0	\$ 0	\$ 0	SUBURBAN AREA SHERIFFS	141	110	\$ 1,088,509	\$ 843,070
LAKE DELTON	0	1	\$ 0	\$ 1,500					
LAKE MILLS	0	0	\$ 0	\$ 0	RURAL AREA SHERIFFS				
LANCASTER	0	0	\$ 0	\$ 0	ADAMS CO SO	4	1	\$ 160,092	\$ 85
MAUSTON	0	0	\$ 0	\$ 0	ASHLAND CO SO	3	1	\$ 2,410	\$ 600
MAYVILLE	0	0	\$ 0	\$ 0	BARRON CO SO	0	1	\$ 0	\$ 35,000
MCPHARLAND (S)	0	0	\$ 0	\$ 0	BAYFIELD CO SO	1	0	\$ 15,000	\$ 0
MEDFORD	2	0	\$ 40,000	\$ 0	BUFFALO CO SO	0	1	\$ 0	\$ 12,000
MILTON (S)	1	1	\$ 3,000	\$ 2,000	BURNETT CO SO	4	2	\$ 2,540	\$ 2,000
MINERAL POINT	0	0	\$ 0	\$ 0	CLARK CO SO	1	1	\$ 20,000	\$ 50
MINOCQUA	0	2	\$ 0	\$ 200	COLUMBIA CO SO	1	1	\$ 81,000	\$ 1,000
MONTELO	0	0	\$ 0	\$ 0	CRAWFORD CO SO	2	0	\$ 4,500	\$ 0
MOSINEE	0	0	\$ 0	\$ 0	DOGE CO SO	9	9	\$ 472,100	\$ 31,630
MUKWONAGO (S)	0	0	\$ 0	\$ 0	DOOR CO SO	0	1	\$ 0	\$ 0
NEILLSVILLE	0	0	\$ 0	\$ 0	DUNN CO SO	4	6	\$ 33,015	\$ 214,000
NEW HOLSTEIN (S)	0	0	\$ 0	\$ 0	FLORENCE CO SO	0	0	\$ 0	\$ 0
NEW LISBON	0	0	\$ 0	\$ 0	FOND DU LAC CO SO	2	5	\$ 56,075	\$ 9,332
NEW RICHMOND (S)	1	0	\$ 12	\$ 0	FOREST CO SO	3	1	\$ 30,100	\$ 5,000
NORTH FOND DU LAC	1	0	\$ 550	\$ 0	GRANT CO SO	4	4	\$ 17,200	\$ 0
OCONTO	0	0	\$ 0	\$ 0	GREEN CO SO	1	2	\$ 5,000	\$ 0
OCONTO FALLS	0	0	\$ 0	\$ 0	GREEN LAKE CO SO	1	1	\$ 800	\$ 24,006
OREGON (S)	0	0	\$ 0	\$ 0	IOWA CO SO	5	1	\$ 32,100	\$ 15
PARK FALLS	0	0	\$ 0	\$ 0	IRON CO SO	3	1	\$ 53,000	\$ 20,000
PESHTIGO	0	0	\$ 0	\$ 0	JACKSON CO SO	5	3	\$ 80,000	\$ 16,400
PENAUKEE (S)	1	1	\$ 153	\$ 100	JEFFERSON CO SO	3	1	\$ 0	\$ 100
PRESCOTT	0	0	\$ 0	\$ 0	JUNEAU CO SO	4	0	\$ 50	\$ 0
REEDSBURG	0	0	\$ 0	\$ 0	Kewaunee CO SO	1	1	\$ 5,000	\$ 20,000
RICHLAND CENTER	0	0	\$ 0	\$ 0	LAFAYETTE CO SO	1	1	\$ 0	\$ 1,000
ROTHSCHILD	1	0	\$ 0	\$ 0	LANGLADE CO SO	0	0	\$ 0	\$ 0
SAUKVILLE (S)	1	NDC	\$ 3	NDC	LINCOLN CO SO	1	1	\$ 2,000	\$ 0
SCHOFIELD	1	0	\$ 100,000	\$ 0	MANITOWOC CO SO	1	0	\$ 2,500	\$ 0
SHOREWOOD HILLS (S)	0	0	\$ 0	\$ 0	MARATHON CO SO	0	4	\$ 0	\$ 8,200
STANLEY (S)	0	0	\$ 0	\$ 0	MARINETTE CO SO	1	5	\$ 30,000	\$ 27,800
STATE PROT. SERV. (S)	0	0	\$ 0	\$ 0	MARQUETTE CO SO	2	0	\$ 1,100	\$ 0
STODDARD	0	0	\$ 0	\$ 0	MENOMINEE CO SO	0	6	\$ 0	\$ 235,700
STURTEVANT (S)	0	0	\$ 0	\$ 0	MONROE CO SO	1	3	\$ 10,000	\$ 1,180
SUMMIT TOWN (S)	3	0	\$ 65,500	\$ 0	OCONTO CO SO	1	3	\$ 12,000	\$ 0
THIENSVILLE (S)	1	0	\$ 850,000	\$ 0	ONEIDA CO SO	1	2	\$ 75	\$ 120,000
TOMAHAWK	0	0	\$ 0	\$ 0	PEPIN CO SO	0	0	\$ 0	\$ 0
TWIN LAKES (S)	5	0	\$ 5,100	\$ 0	PIERCE CO SO	1	0	\$ 6,000	\$ 0
UNION GROVE (S)	2	3	\$ 7,297	\$ 7,520	POLK CO SO	9	8	\$ 73,500	\$ 90,350
VERONA (S)	3	NDC	\$ 0	NDC	PORTAGE CO SO	2	2	\$ 50,010	\$ 30,000
VIROQUA	1	0	\$ 17,000	\$ 0	PRICE CO SO	5	5	\$ 2,900	\$ 5,950
WASHBURN	0	1	\$ 0	\$ 7,500	RICHLAND CO SO	5	0	\$ 142,200	\$ 0
WATERLOO	1	0	\$ 500	\$ 0	RUSK CO SO	1	3	\$ 5,000	\$ 45,500
WAUNAKEE (S)	1	NDC	\$ 0	NDC	SAUK CO SO	8	12	\$ 260,133	\$ 62,440
WAUPACA	0	0	\$ 0	\$ 0	SAWYER CO SO	0	0	\$ 0	\$ 0
WEST MILWAUKEE (S)	2	1	\$ 125	\$ 500	SHAWANO CO SO	0	0	\$ 0	\$ 0
WEST SALEM (S)	2	NDC	\$ 300	NDC	SHEBOYGAN CO SO	1	2	\$ 3,000	\$ 2,480
WILLIAMS BAY	0	NDC	\$ 0	NDC	TAYLOR CO SO	2	0	\$ 5,150	\$ 0
WISCONSIN DELLS	0	0	\$ 0	\$ 0	TREMPEALEAU CO SO	1	2	\$ 25	\$ 29,000
UNDER 5,000	54	34	\$ 1,386,915	\$ 286,035	VERNON CO SO	1	3	\$ 100	\$ 38,000
					VILAS CO SO	7	0	\$ 91,925	\$ 0
SUBURBAN AREA SHERIFFS					WALWORTH CO SO	19	9	\$ 166,718	\$ 40,512
BROWN CO SO	15	9	\$ 212,550	\$ 17,420	WASHBURN CO SO	7	0	\$ 6,850	\$ 0
CALUMET CO SO	5	0	\$ 5,160	\$ 0	WAUPACA CO SO	6	2	\$ 77,200	\$ 500
CHIPPEWA CO SO	1	5	\$ 40,000	\$ 105,700	WAUSHARA CO SO	9	5	\$ 114,010	\$ 135,000
DANE CO SO	10	12	\$ 30,100	\$ 186,295	WOOD CO SO	1	4	\$ 300	\$ 14,900
DOUGLAS CO SO	6	4	\$ 58,000	\$ 6,075	RURAL AREA SHERIFFS	155	126	\$ 2,122,678	\$ 1,279,730
EAU CLAIRE CO SO	3	2	\$ 500	\$ 8,000					
KENOSHA CO SO	25	31	\$ 39,696	\$ 241,875	ALL SHERIFFS' OFFICE	296	236	\$ 3,221,187	\$ 2,122,800
LA CROSSE CO SO	0	1	\$ 0	\$ 30,000					
MILWAUKEE CO SO	18	8	\$ 143,175	\$ 8,471	DEPT. OF NATURAL RESOURCES	3	NDC	\$ 1,502	NDC
OUTAGAMIE CO SO	3	2	\$ 102,100	\$ 5,200					

(S) = Suburban City.
NDC = New Direct Contributor.

	NUMBER OF ARSONS		ESTIMATED DOLLAR VALUE OF DAMAGE/LOSS			NUMBER OF ARSONS		ESTIMATED DOLLAR VALUE OF DAMAGE/LOSS	
	1979	1978	1979	1978		1979	1978	1979	1978
STATE OF WISCONSIN	1,471	1,272	\$13,056,036	\$10,627,977	SOUTHWEST WISCONSIN				
NORTHWEST WISCONSIN					BUFFALO COUNTY	0	1	\$ 0	\$ 12,000
ASHLAND COUNTY	3	2	\$ 2,410	\$ 610	COLUMBIA COUNTY	2	2	\$ 97,000	\$ 1,010
BARRON COUNTY	2	2	\$ 90,104	\$ 35,000	CRAWFORD COUNTY	4	5	\$ 13,400	\$ 250
BAYFIELD COUNTY	1	1	\$ 15,000	\$ 7,500	DANE COUNTY	99	92	\$2,062,450	\$1,030,317
BURNETT COUNTY	4	2	\$ 2,540	\$ 2,000	DODGE COUNTY	14	14	\$ 474,925	\$ 33,426
CHIPPEWA COUNTY	5	7	\$ 55,000	\$ 106,000	GRANT COUNTY		5	\$ 17,210	\$ 1,100
CLARK COUNTY	1	1	\$ 20,000	\$ 50	GREEN COUNTY	3	9	\$ 5,245	\$ 140,102
DOUGLAS COUNTY	45	26	\$ 128,658	\$ 185,340	IOWA COUNTY	5	1	\$ 32,100	\$ 15
DURN COUNTY	18	12	\$ 34,155	\$ 214,315	JACKSON COUNTY	6	5	\$ 82,000	\$ 17,403
EAU CLAIRE COUNTY	23	12	\$ 511,245	\$ 252,350	JEFFERSON COUNTY	22	7	\$ 95,810	\$ 32,600
IRON COUNTY	3	1	\$ 53,000	\$ 20,000	LA CROSSE COUNTY	20	13	\$ 418,575	\$2,343,147
PEPIN COUNTY	0	0	\$ 0	\$ 0	LAFAYETTE COUNTY	1	2	\$ 0	\$ 1,600
PIERCE COUNTY	2	3	\$ 6,050	\$ 1,225	MONROE COUNTY	1	3	\$ 12,000	\$ 1,180
POLK COUNTY	9	8	\$ 73,500	\$ 90,350	RICHLAND COUNTY	5	0	\$ 142,200	\$ 0
PRICE COUNTY	5	5	\$ 2,900	\$ 5,950	ROCK COUNTY	51	40	\$ 191,541	\$ 50,313
RUSK COUNTY	1	3	\$ 5,000	\$ 45,500	SAUK COUNTY	9	18	\$ 263,133	\$ 74,740
SAWYER COUNTY	0	0	\$ 0	\$ 0	TREMPEALEAU COUNTY	1	2	\$ 25	\$ 29,000
ST. CROIX COUNTY	7	2	\$ 10,312	\$ 5,000	VERNON COUNTY	2	3	\$ 17,100	\$ 38,000
TAYLOR COUNTY	4	0	\$ 45,150	\$ 0					
WASHBURN COUNTY	7	0	\$ 6,850	\$ 0	SOUTHWEST TOTAL	251	222	\$3,920,714	\$ 3,806,203
NORTHWEST TOTAL	140	87	\$ 1,061,874	\$ 971,190					
NORTHEAST WISCONSIN					SOUTHEAST WISCONSIN				
ADAMS COUNTY	5	1	\$ 160,392	\$ 85	KENOSHA COUNTY	106	63	\$ 255,756	\$ 275,345
BROWN COUNTY	51	42	\$ 455,625	\$ 188,600	MILWAUKEE COUNTY	420	421	\$1,769,750	\$ 871,101
CALUMET COUNTY	9	0	\$ 10,760	\$ 0	OZAUKEE COUNTY	10	6	\$ 875,551	\$ 5,862
DOOR COUNTY	0	1	\$ 0	\$ 0	RACINE COUNTY	98	111	\$1,377,032	\$ 470,347
FLORENCE COUNTY	0	0	\$ 0	\$ 0	WALWORTH COUNTY	37	30	\$ 468,666	\$1,509,829
FOND DU LAC COUNTY	7	10	\$ 89,850	\$ 36,586	WASHINGTON COUNTY	40	36	\$ 381,780	\$ 65,981
FOREST COUNTY	3	1	\$ 30,100	\$ 5,000	WAUKESHA COUNTY	79	43	\$ 727,167	\$ 53,193
GREEN LAKE COUNTY	6	1	\$ 3,220	\$ 24,006					
JUNEAU COUNTY	5	0	\$ 13,050	\$ 0	SOUTHEAST TOTAL	790	710	\$5,795,702	\$3,251,658
Kewaunee COUNTY	1	1	\$ 5,000	\$ 20,000	DEPT. OF NATURAL RESOURCES	3	NDC	\$ 1,502	NDC
LANGLADE COUNTY	0	1	\$ 0	\$ 25,000					
LINCOLN COUNTY	1	1	\$ 2,000	\$ 0					
MANITOWOC COUNTY	11	8	\$ 3,312	\$ 294					
MARATHON COUNTY	4	8	\$ 116,000	\$ 10,700					
MARINETTE COUNTY	6	6	\$ 40,300	\$ 27,850					
MARQUETTE COUNTY	2	0	\$ 1,100	\$ 0					
MENOMINEE COUNTY	0	6	\$ 0	\$ 235,700					
OCONTO COUNTY	1	3	\$ 12,000	\$ 0					
ONEIDA COUNTY	5	4	\$ 365	\$ 120,200					
OUTAGAMIE COUNTY	24	33	\$ 233,092	\$ 18,884					
PORTAGE COUNTY	15	12	\$ 87,365	\$ 204,225					
SHAWANO COUNTY	2	1	\$ 19	\$ 3,000					
SHEBOYGAN COUNTY	34	41	\$ 47,751	\$ 37,052					
VILAS COUNTY	7	0	\$ 91,925	\$ 0					
WAUPACA COUNTY	8	4	\$ 77,220	\$ 3,500					
WAUSHARA COUNTY	9	5	\$ 114,010	\$ 135,000					
WINNEBAGO COUNTY	64	54	\$ 660,668	\$ 1,392,639					
WOOD COUNTY	7	9	\$ 21,120	\$ 110,605					
NORTHEAST TOTAL	287	253	\$ 2,276,244	\$ 2,598,926					

SECTION IV

1979

WISCONSIN FIRE LOSS STATISTICS

Prepared by the

WISCONSIN DEPARTMENT OF INDUSTRY,
LABOR AND HUMAN RELATIONS

DIVISION OF SAFETY AND BUILDINGS

Joseph N. Noll
Secretary

John Wenning
Division Administrator

WISCONSIN FIRE LOSS STATISTICS

INTRODUCTION:

Pursuant to Section 101.141, Wisconsin Statutes, Wisconsin fire loss statistics are compiled by the Department of Industry, Labor and Human Relations from reports submitted by the insurance industry.

1979 STATISTICAL HIGHLIGHTS:

- 10,132 fire losses were reported resulting in damage of \$63.5 million.
87% of this loss was covered by insurance.
- The 10,132 fire losses reported represents a decrease of 29% from 1978.
- The total dollar loss attributed to fire increased 6% from 1978.
- The percent of incendiary and suspicious fires increased 33% during the year. The related dollar loss increased 77%.
- 41% of all fires were attributed to lightning.
- 8% of all fires were attributed to defective wiring.
- 10% of all fires involving 28% of the total fire losses were listed as being of undetermined origin.
- 25% of all fires and 22% of the total fire loss involved one- to four-family dwellings.
- Barn fires decreased 37% from 1978.
- Vehicle fires increased 12% and the dollar loss from such fires increased 49%.

FIRE LOSSES IN WISCONSIN
by
TYPE OF PROPERTY

TYPE OF PROPERTY	Number of Fires		Amount of Damage		Insurance Paid	
	1979	1978	1979	1978	1979	1978
Apartments	320	257	4,879,976	1,969,931	4,488,195	1,776,206
Amusement Arcades, Billard Parlors	2	-0-	490	-0-	390	-0-
Boats	11	17	32,027	19,961	27,637	17,535
Boat Houses, Docks, Marina	3	4	59,278	100,554	59,960	72,841
Bowling Lanes	3	11	177,136	302,092	151,986	281,493
Broadcasting: Radio, Television	10	11	16,558	32,729	15,667	32,029
Business Establishments, Other	153	156	3,389,306	2,484,112	2,962,112	2,093,965
Churches, Church Properties	25	21	884,593	489,400	803,471	446,853
Club Houses, Lodges, YMCA	14	13	1,342,547	177,358	913,838	150,019
Coal Yards, Lumber Yards	4	10	126,537	392,648	123,161	325,822
Construction Company & Equipment	4	9	7,049	86,732	5,849	81,774
Dairy Products Mfg.	2	7	1,807	6,105	1,757	5,791
Dry Cleaning, Laundries; Commercial	7	8	28,695	41,527	26,887	40,921
Dry Cleaning, Laundries; Self-Service	3	11	3,969	20,469	3,643	19,649
Dwellings--Urban (1-4 Family)	2,491	3,043	14,000,382	14,748,158	12,855,521	14,565,484
Educational Institutions	13	31	2,764,251	2,969,748	2,763,444	2,227,463
Elevators, Grain Storage, Feed Mills	8	14	43,866	191,361	43,710	151,475
Factories	49	63	1,849,634	2,177,110	1,717,146	1,913,428
Filling Stations, Fuel Depots	10	15	384,551	72,772	304,816	50,105
FARM:						
Barns	507	806	6,059,958	6,874,187	5,138,817	5,876,466
Brooders, Poultry Houses	8	15	8,586	103,178	11,207	91,402
Dwellings--Rural	3,105	4,964	12,956,444	10,499,137	11,057,649	9,179,778
Graneries, Silos	52	79	181,919	137,582	141,047	126,191
Hay, Straw, Grain, etc.	34	65	52,335	249,480	48,754	183,767
Hog Houses	16	21	39,564	142,084	36,187	117,460
Milk Houses	104	344	42,284	113,079	39,409	108,209
Livestock	695	982	818,937	763,212	702,512	792,187
Machinery, etc.	740	1,207	496,120	510,589	426,039	489,956
Outbuildings, etc.	14	39	66,439	241,996	43,628	178,959
Tractors, Trucks	249	389	202,672	313,312	187,505	289,727

TYPE OF PROPERTY

TYPE OF PROPERTY	Number of Fires		Amount of Damage		Insurance Paid	
	1979	1978	1979	1978	1979	1978
Garages--Private	268	276	1,290,536	990,177	1,111,979	952,348
Garages--Commercial	-0-	11	-0-	38,104	-0-	37,516
Halls, Meeting Houses	-0-	1	-0-	2,000	-0-	2,000
Hospitals, Sanitariums	7	6	5,089	19,818	4,163	19,218
Hotels	3	13	74,877	772,660	63,455	525,915
<u>INSTITUTIONS: PUBLIC BUILDINGS</u>						
City	4	18	45,636	77,311	45,436	76,561
County	11	3	185,139	4,731	148,033	4,556
Federal	-0-	3	-0-	15,142	-0-	12,342
State	1	0	16,704	-0-	15,142	-0-
Other	2	8	34,371	2,559	34,271	2,409
Meat Packing, Food Processing	8	16	182,416	860,943	167,097	577,594
Mills--Lumber	3	4	70,391	107,187	62,991	107,137
Mills--Paper	-0-	1	-0-	110,471	-0-	85,471
Motels	14	23	181,823	462,039	145,524	390,871
Nursing, Convalescent Homes	3	6	7,312	22,575	7,822	21,662
Off Premises Personal Property	23	43	6,817	37,488	6,517	28,741
Offices, Commercial Buildings	22	29	728,036	357,140	662,178	299,114
Parks, Campsites	1	3	321	3,987	189	3,887
Power Plants	-0-	3	-0-	21,916	-0-	21,416
Restaurants, Supper Clubs, etc.	73	99	548,633	2,055,043	502,383	1,926,060
Rooming Houses, Fraternities, etc.	9	3	39,251	2,865	33,902	2,665
Seasonal Dwelling--Private	58	77	2,574,846	623,812	1,495,042	534,870
Seasonal Dwelling--Commercial	6	10	309,157	70,861	273,727	58,294
Sheds, Shacks, etc.	49	54	243,408	241,483	221,639	214,737
Storage, Warehouses	47	54	1,127,468	1,966,400	1,058,442	1,646,069
Stores, Shops	70	97	927,968	1,072,733	774,198	953,007
Supermarkets	8	11	239,768	332,937	168,529	330,513
Taverns	88	100	1,745,204	1,159,135	1,408,135	650,141
Tents	-0-	1	-0-	331	-0-	281

TYPE OF PROPERTY	TYPE OF PROPERTY					
	Number of Fires		Amount of Damage		Insurance Paid	
	1979	1978	1979	1978	1979	1978
Theaters, Arenas, Auditoriums	1	4	5,019	34,632	4,919	34,379
Trailers--House	121	182	782,045	998,974	635,162	820,009
Trailers--Other	13	6	13,872	7,582	12,082	7,029
Vehicles--Private	526	472	979,142	689,004	946,964	668,916
Vehicles--Commercial	13	10	92,942	31,518	88,718	24,397
Service and Repair Shops	18	23	154,260	285,628	111,101	235,696
Snowmobiles	-0-	1	-0-	85	-0-	85
Miscellaneous	3	3	46,187	1,408	45,062	1,189
TOTAL	10,132	14,287	63,466,428	59,712,232	55,244,126	52,964,397

FIRE LOSSES IN WISCONSIN
by
CAUSE OF FIRE

CAUSE OF FIRE	Number of Fires		Amount of Damage		Insurance Paid	
	1979	1978	1979	1978	1979	1978
Accidental, Miscellaneous	38	85	770,944	1,567,889	1,567,889	1,837,662
Ashes, Embers, Rekindle	38	37	381,185	112,585	378,351	107,003
Bonfires, Grass, Rubbish	45	55	295,129	297,565	246,452	259,992
Candles, Lanterns	66	55	223,482	299,484	215,486	282,676
Children at Play, Matches	184	193	1,176,503	972,218	1,133,465	897,124
Chimney Fires	276	295	1,026,593	1,084,433	908,758	909,967
Christmas Trees, Lights, Floods	8	6	62,951	119,748	42,135	113,390
Clothes Dryers	67	81	161,537	200,026	159,999	195,248
Collisions, Wrecks, Overturns	6	2	190,094	8,800	169,690	7,389
Cooking Fires, Burner Carelessness	529	583	1,447,956	1,363,418	1,401,359	1,290,157
<u>ELECTRIC:</u>						
Fencers	-0-	2	-0-	12,928	-0-	8,428
Heaters	61	72	495,187	428,072	455,752	392,073
Heat Lamps	15	20	204,009	151,917	129,900	149,624
Heating Pads, Blankets	28	33	207,291	93,712	187,873	87,520
Irons, Mangles	10	11	16,994	5,849	16,288	4,365
Light Bulbs, Lamps, Fixtures	63	77	374,626	1,632,091	348,816	1,574,185
Motors--Defective	20	31	105,294	288,824	96,787	257,420
Radios	2	9	5,662	59,332	5,562	57,738
Refrigerators, Freezers	24	28	308,236	347,912	244,096	285,141
Stoves	21	54	57,366	445,658	56,626	338,038
Television	30	40	234,859	165,763	196,919	191,233
Toasters	30	30	42,259	36,899	40,719	34,995
Washing Machines	4	7	1,176	9,862	857	9,536
Other Appliances--Heavy	23	19	121,989	328,325	112,811	299,860
Other Appliances--Light	47	76	310,009	494,581	277,227	388,965
Wiring--Defective	842	746	11,551,392	11,440,722	9,455,168	9,688,935
Other--Surges, Accidents	7	39	22,465	118,134	22,097	98,268

CAUSE OF FIRE

CAUSE OF FIRE	Number of Fires		Amount of Damage		Insurance Paid	
	1979	1978	1979	1978	1979	1978
EXPLOSIONS:						
Boilers, Heaters	4	3	16,727	7,472	11,377	7,272
Dust	2	-0-	13,700	-0-	8,206	-0-
Dynamite, etc.	1	-0-	467	-0-	417	-0-
Flammable Liquids	4	15	29,062	135,095	45,982	120,115
Gas--Natural, LP	10	16	125,364	186,695	103,328	142,094
Exposure	57	72	224,374	437,619	206,633	408,869
Fireplaces	87	111	344,178	550,810	331,574	505,838
Fireworks	8	5	53,270	49,729	40,553	40,464
Flammable Liquid Accidents, Fumes	57	67	741,729	1,019,972	718,913	824,303
Gas Leak	45	45	309,114	311,918	307,666	241,541
Gas Stove, Heaters	8	40	40,088	148,135	36,986	131,207
Gasoline Engines, etc.	5	13	95,742	21,699	75,592	20,986
Grease, Tar, etc.	1	14	1,528	34,904	1,428	33,889
Heating Plants (Defective)	171	171	1,405,004	1,371,271	1,231,575	1,202,283
Heating Plants (Explosions)	72	50	263,172	142,843	201,756	114,063
Incendiary, Suspicious, Vandalism	476	357	8,230,645	4,651,745	7,680,790	4,064,182
Incinerators	2	4	27,974	62,047	20,942	54,631
Industrial Accidents	15	14	341,641	259,716	321,790	230,854
Lawnmowers	12	3	6,242	2,704	4,646	2,604
Lightning	4,170	7,869	4,544,985	4,865,540	3,940,492	4,463,576
Matches (Carelessness)	5	19	6,255	26,927	6,037	26,677
Material in Contact	4	14	4,251	100,763	4,001	99,858
Open Flame	4	4	7,717	12,791	9,173	12,691
Smokers' Carelessness	256	289	2,146,539	1,757,908	1,946,625	1,600,089
Sparks	69	94	598,778	761,308	528,154	725,170
Sparks--Locomotives	1	1	900	17,235	900	7,443
Spontaneous Ignition	114	137	1,823,165	1,650,833	1,749,079	1,348,215
Steam Pipes	3	6	9,540	25,920	8,490	25,770
Stoves, Space Heaters, etc.	205	167	1,598,502	1,234,727	1,469,440	1,156,847
Thawing Pipes	14	10	212,670	90,731	182,583	76,400
Torches--Blow, Welding, etc.	45	43	515,627	792,931	411,001	766,154

CAUSE OF FIRE

CAUSE OF FIRE	Number of Fires		Amount of Damage		Insurance Paid	
	1979	1978	1979	1978	1979	1978
<u>VEHICLES:</u>						
Exhaust--Backfire	22	37	143,834	52,182	126,194	51,267
Fuel System--Carburator	119	126	237,756	156,312	235,279	150,723
Wiring, Ignition	394	466	512,218	451,080	457,209	419,116
Other--Miscellaneous	134	98	581,718	221,065	505,267	196,121
Snowmobiles	1	5	316	7,098	316	6,596
Unknown or Undetermined	1,051	1,216	17,659,863	16,802,705	14,442,630	13,910,559
TOTAL	10,132	14,287	63,466,428	59,712,232	55,244,126	52,964,397

END