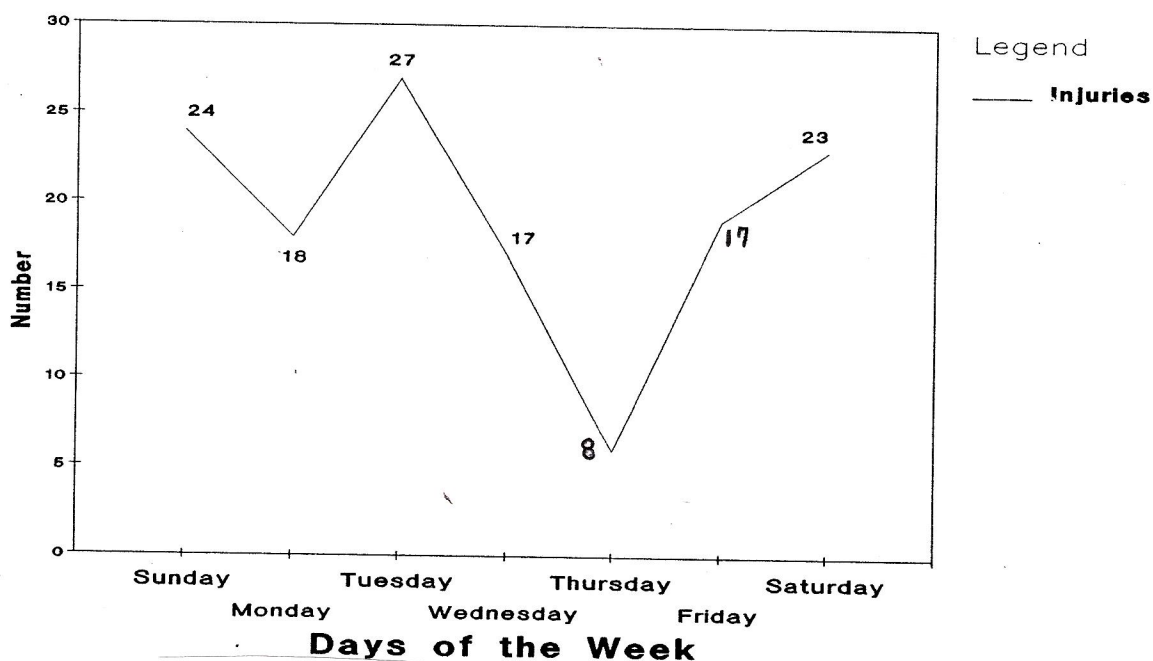


Grant County Farm Injuries **April - November, 1987** **Days of the Week** **N = 134**



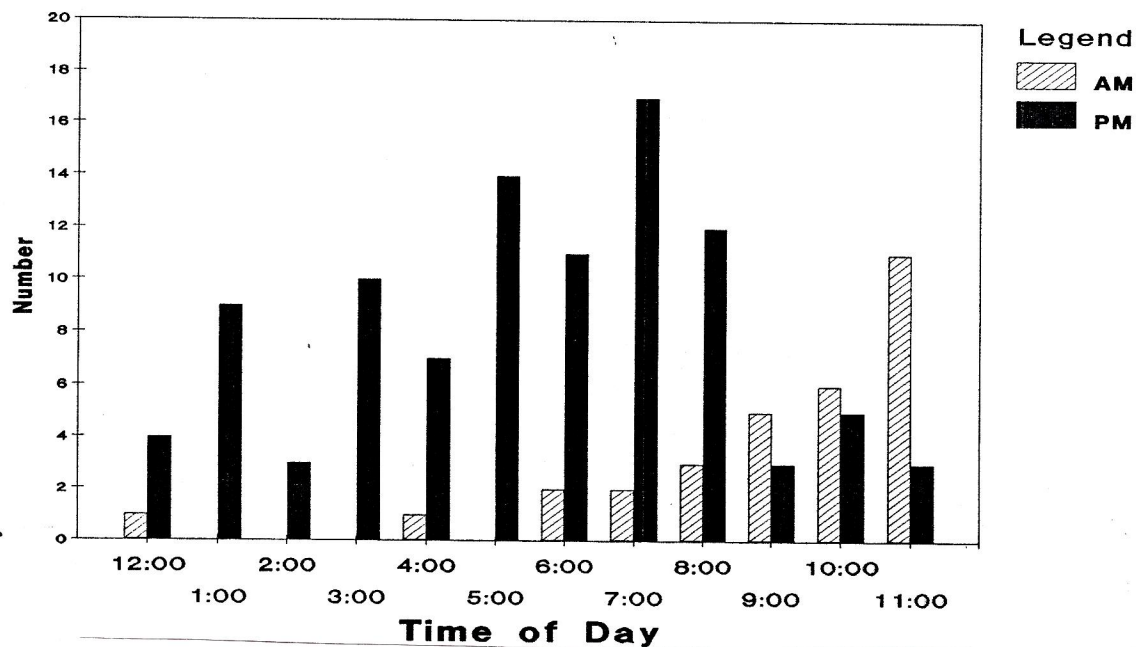
AM

12:00 -	1
1:00 -	0
2:00 -	0
3:00 -	0
4:00 -	1
5:00 -	0
6:00 -	2
7:00 -	2
8:00 -	3
9:00 -	5
10:00 -	6
11:00 -	11

PM

12:00 -	4
1:00 -	9
2:00 -	3
3:00 -	10
4:00 -	7
5:00 -	14
6:00 -	11
7:00 -	17
8:00 -	12
9:00 -	3
10:00 -	5
11:00 -	3

Grant County Farm Injuries **April - November, 1987** **Time of Day** **N = 129**



Farm related injuries for children 2-16 years old.

Age	#Cases	Date/Time of Day	Type of Injury
16	5	5/17/87 - 7:00PM	Laceration right side scalp from barn door
		5/17/87	Kicked by cow-right foot injury
		8/29/87 - 1:45PM	Stepped on rusty nail
		9/10/87 - 1:45PM	Stepped on spike
		10/11/87 - 7:30PM	Corn kernel lodged right ear
15	5	6/15/87 - 7:00PM	Stepped on nail in corn crib
		6/07/87 -10:30PM	Milker cleaner detergent - spilled on thigh - deep burns 1° 2° 3°
		6/27/87 - 9:03PM	Caught between cow and stanchion
		9/01/87 -10:00PM	Injured right shoulder
			Fell into grain elevator. Fractured ankle - suture left toe
		9/26/87 -10:00AM	Walking on junk pile - puncture wound foot
14	0		
13	6	6/22/87 -12:00PM	Crushed great toe-cultivator Fracture
		7/22/87 - 6:00PM	Fell on cow - left wrist
		8/05/87 - 8:30AM	Left arm pinned between large fan and cow - Fractured arm
		6/01/87 - 6:38PM	Chasing cow fell into hole - Right ankle sprain
		6/22/87 - 3:00PM	Fractured right toe - farm machinery
			Fell on foot
		5/13/87 - 6:50PM	Kicked by cow
12	2	9/20/87 - 9:15AM	Charged by hieffer-clavicle splint
		8/19/87 - 5:20PM	Left hand, wrist caught between rollers
11	1	7/13/87 - 5:20PM	Foot run over by tractor
10	1	6/20/87 - 4:20PM	Fell off horse, injury to left arm
9	3	6/22/87 - 8:45PM	Nearly ran over by hay wagon- abrasions
		5/27/87 - 7:30PM	Laceration to leg from fence
		5/14/87 - 8:00PM	Fell off horse - abrasions, contusions
8	1	6/16/87 -11:15AM	Riding on tractor, slipped off, arms, face, chest abrasions
7	1	6/17/87 - 7:40PM	Ran bike into barbwire fence, left thigh sutures
6	1	7/06/87 - 6:20PM	Hit on head with metal portion of lasso
5	4	4/30/87 - 7:00PM	Fell on horse-shoe nail, puncture wound left thumb
		6/10/87 - 6:00PM	Caught right finger in barn door
		6/28/87 - 8:50PM	Kicked by cow in left scapula
		6/13/87 - 7:40PM	Stuck hand through fan in chicken coop
4	3	6/07/87 -11:50PM	Right foot run over by 4000 pound piece of farm machinery
		6/16/87 -12:45PM	Nail wound from barn laceration, left lower leg
		6/19/87 -10:15PM	Fell off horse, laceration back of head
3	2	7/28/87 - 7:00PM	Fell in calf barn, 2 puncture wounds mid back (nail related)
		8/29/87 - 7:40PM	Knocked down by cow, abrasions
2	1	7/14/87 - 8:25PM	Cow stepped on child lower mid-abdomen, kicked back of head (Contusion)

1 9 8 7	Day With Most Injuries For Month			Week With Most Injuries For Month	
	Date	Day of Week	# Injuries	Monday-Sunday	# Injuries
April	23	Thursday	1		
	30	Thursday	1		
May	27	Wednesday	4	May 11 - 17	12
June	16	Tuesday	6	June 22 - 28	14
July	4	Saturday	2	July 6 - 12	6
	7	Tuesday	2		
	14	Tuesday	2		
	28	Tuesday	2		
August	2	Sunday	3	August 10 - 16	4
	29	Saturday	3		
September	5	Saturday	2	September 21 - 27	5
	27	Sunday	2		
October	9	Friday	4	October 5 - 11	5
November	9	Monday	1		

ANIMALS INVOLVED WITH ACCIDENT

N = 136

Cow - 27
Horse - 4
Sheep - 1
Goat - 1

FARM MACHINERY - Related Injuries Type

PTO Entanglement - 2
Pinned Between - 7
Caught In - 4
Runover - 4
Contact Injury - 25

ADMITTED TO HOSPITAL Reasons

Fracture - 3
Abrasion/Contusion/Hematomas - 3
Burns - 1
Lacerations - 4
Amputation - 2
Observation - 1

TRACTOR - Related Injuries Type

Overturn - 1
Runover - 2
Pinned - 2
Contact - 1

DISCUSSION

The findings in this research are specific to our county, but many times are very similar to other research data. Discussion of these findings may help to shed some light on why some of these injuries occur.

Wisconsin farmers not only plant and harvest, but are also involved with dairy, beef, pork and other animal endeavors. They work with numerous chemicals that affect their total output and quality of their produce. They race with time, weather and financial pressures. All of these factors and many more help contribute to the number of farm injuries.

One factor, age, is a significant statistic with this research. Combining the 0-19 year age span results in 35.8% of the injuries. Farm accidents are occurring in a large number of children. Farm Statistics, by Roger R. Tormoehlin, indicated in a 15 year study of child-related farm fatalities, 247 children were killed, 29% of all the fatalities that occurred on the farm. LaCrosse Lutheran Hospital, in a 6½ year period ending June 1984, admitted 105 children that was a result of trauma on the farm. In our 30 week study, 26 children from 0-14 years were treated for injuries and 22 from 15-19 years of age. Most of the injuries were animal related. In the 4 to 5 year ages, there were 7 injuries and the incidence increased again in the teen years.

Unlike other occupations, farming involves children. Everyone works together, it's a family occupation. That's one of the reasons that farming is so appealing to many families. They feel it is a great place to raise a family, a certain closeness that cannot be duplicated anywhere else. This environment, because of the nature of the occupation, exposes everyone to a wide variety of hazards. These hazards, especially to preschoolers, becomes a curiosity and many times results in injuries. Responsibilities increase with age. On some farms, 8 or 9 year olds are operating tractors. In one study children 14 and under, who were operating a tractor were 9 times more likely to have accidents than adults. Too many children are becoming victims of farm injuries. Prevention measures might include safety education, formal instruction in the maintenance and operation of equipment and teaching first aid for farm injuries.