**Do some basic queries:**

1. How many people were injured or killed in incidents that occurred in Jackson County?

8 people

SELECT count(\*)  
FROM DEER  
where county="Jackson"

1. How many were injured or killed in incidents that occurred in St. Croix County and Pierce County combined?

6 people

SELECT \*  
FROM DEER  
where county="Pierce" or county="St. Croix"

1. How many people were injured or killed in incidents where the cause indicates some type of careless use of the weapon?

55 people

SELECT \*  
FROM DEER  
where cause like "careless\*"

1. Do a query to show all the injuries occurring physically below, and including, the ankle. How many injuries were there?  
   Hint: here’s a list of all possible wounds: abdomen, ankle, arm, back, butt, chest, ear, eye, face, finger, foot, groin, hand, head, hip, knee, leg, neck, scrotum, shoulder, stomach, thigh, thumb, toe.

46 injuries

SELECT \*  
FROM DEER  
where wound ="ankle" or wound="foot" or wound="toe"

1. How many accidents were self-inflicted, caused by shooters older than 50?

7 injuries

SELECT \*  
FROM DEER  
where type='si' and sage>50

1. How old was the oldest victim in Jackson County? What wound did they have? How old was the youngest? What wound? (hint: this might require more than one query)

Oldest= age 62, thigh

Youngest = 14, foot

SELECT vage, county, wound  
from deer  
where county="jackson"  
order by vage

1. How many injuries/fatalities occurred overall on the first day of deer hunting season (November 19, 1994)?

9 injuries

SELECT \*  
from deer  
where date= #11/19/1994#

1. How many injuries/fatalities involved a shooter under age 18? Of those, how many were fatal?

56 total; 6 were fatal

SELECT injury, sage

from deer

where sage<18

order by injury

1. How many injuries/fatalities involved either a female victim or a female shooter?

22 injuries/fatalities

SELECT \*

from deer

where ssex="f" or vsex="f"

1. How many self-inflicted incidents involved a shooter who did NOT take a gun safety class ?

30 incidents

SELECT \*

from deer

where type="si" and sgraduate="no"

1. How many fatalities involved alcohol?

1 fatality

SELECT \*  
from deer  
where alcohol="yes" and injury="fatal"

**GROUP BY QUERIES:**

1. What was the most common wound?

Leg

SELECT wound, count(\*)

from deer

group by wound

order by 2 desc

1. What were the 3 most common self-inflicted wounds?

Foot, toe, hand

SELECT wound, count(\*)

from deer

where type="si"

group by wound

order by 2 desc

1. What was the most common cause? Is this answer reliable?

Victim in line of fire – 48

SELECT cause, count(\*)

from deer

group by cause

order by 2 desc

1. Which brand of gun is involved most often?

Remington – 79

SELECT gunbrnd, count(\*)

from deer

group by gunbrnd

order by 2 desc

1. What is the average age of victims who shot themselves?

26 years old

SELECT avg(vage)

from deer

where type="si"

1. What is the average age for the shooters in butt-injury accidents?

32 years old

SELECT avg(vage)

from deer

where wound ="butt"

1. On which date did the most accidents occur? After getting this answer, then run a query to find out where those accidents occurred. Which county(s) had the most on that date?

11/19/1989 – 17 injuries/deaths

SELECT date, count(\*)

from deer

group by date

order by 2 desc

Three counties each had 2 victims on that date – Forest, Fond du Lac & Bayfield

SELECT county, count(\*)

from deer

where date= #11/19/1989#

group by county

order by 2 desc

1. What percentage of victims were wearing 2 or more pieces of orange?

SELECT vorange, count(\*)

from deer

group by vorange

| **Query1** | |
| --- | --- |
| **vorange** | **Expr1001** |
|  | 8 |
| 0 | 6 |
| 1 | 13 |
| 2 | 127 |
| 3 | 101 |

89% were wearing 2 or more pieces of orange

1. Write a paragraph with two or three of the most interesting things you found in the data (either through the questions or through your own analysis). Writing should meet AP style and be free of grammar and spelling errors. Also apply numeracy concepts you read about (not using too many numbers, avoiding decimals, etc)

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