

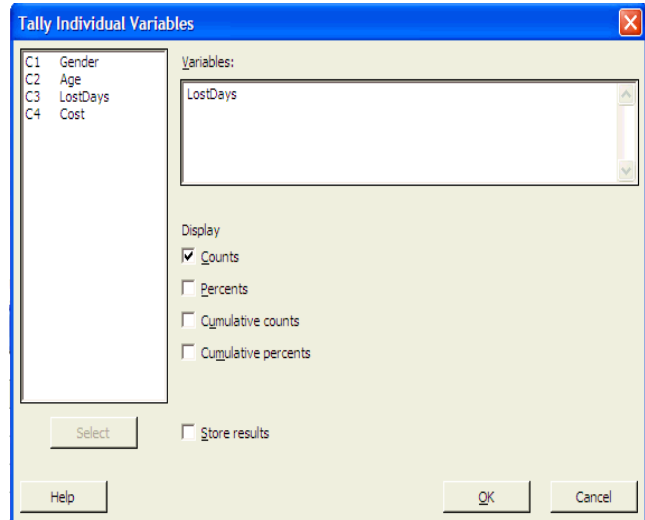
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## LESSON 2 - FREQUENCY DISTRIBUTION

Open Minitab and worksheet  
K:\Minitab16\Sample  
Data\Student12\BACKPAIN.MTW. (See  
RETRIEVING A WORKSHEET on page 4 in  
Lesson 1.) Clear everything below the  
date/time stamp then type your name, Lesson  
2, and Example on separate lines below the  
date/time stamp.

We would like to create a frequency  
distribution for the variable LostDays. Click  
on Stat > Tables > Tally Individual Variables.  
Select C3 LostDays into the Variables: box.  
Below the Variables: box we see a list of  
results that can be displayed. "Counts" is  
what our text calls "frequency", "Percents" are  
what our text calls "relative frequency" except  
that Minitab expresses them as percents rather  
than as decimal fractions. The other two are  
running totals of the first two. You may check  
any 1, 2, 3 or all four of the boxes, but for this  
example let us just choose the default,  
"Counts". Your dialog box should look like the  
top figure to the right. You can now click  
"OK" and the frequency distribution for "Lost  
Days" will appear in the session window as in  
the figure to the right.

Unfortunately, Minitab does not have  
an easy way to create grouped frequency  
distributions. In Lesson 3 we will see a  
roundabout way to get the grouped frequencies.



### Tally for Discrete Variables: LostDays

LostDays	Count
0	125
1	72
2	8
3	14
4	10
5	5
6	5
7	8
8	3
9	3
10	5
11	1
13	1
14	5
15	1
16	1
17	1
21	1
22	3
24	1
30	1
34	1
46	1
60	1
114	1
180	1
N=	279

## MINITAB ASSIGNMENT 2

See instructions on page 8 of Lesson 1.

1. Open the Worksheet **Bears.MTW** in **K:\Minitab16\Sample Data**.

Create a frequency distribution for the variable C3 Month.

2. Open the Worksheet **EMail.MTW** in **K:\Minitab16\Sample Data\Student14**.

Create a relative frequency distribution for the variable C4 Out.

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