

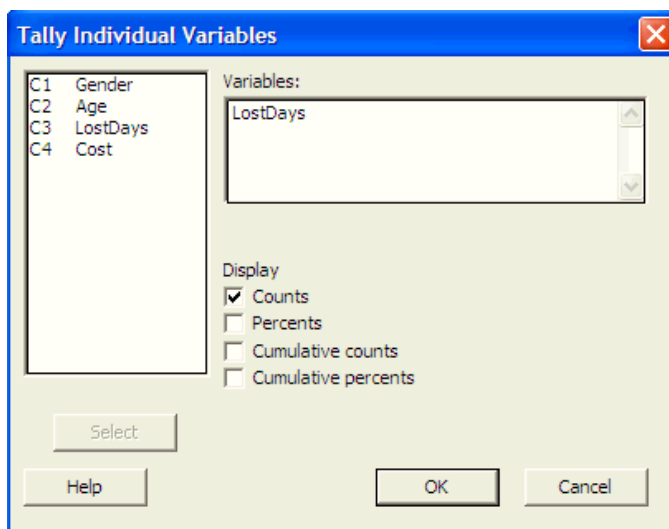
[Return to Cover Page](#)

LESSON 2 - FREQUENCY DISTRIBUTION

Open Minitab and worksheet
K:\minitab15\MINITAB\MiniTab\Studnt12
\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:\minitab15\MINITAB\MiniTab**.

Create a frequency distribution for the variable C3 Month.

2. Open the Worksheet **EMail.MTW** in **K:\minitab15\MINITAB\MiniTab\Studnt14**.

Create a relative frequency distribution for the variable C4 Out.

[Return to Cover Page](#)