Chapter 3 STATA Output

1a. For a pie chart, click “Graphic”-> “Pie Chart” and then place the variable into “Category Variable”. Alternatively, you can simply type into the command line “graph pie, over(injured)” to bypass all the clicking and pointing. You can go back and include relevant statistics prior to initiating the graph command.



For the bar chart, click “Graphics”->”Graph of frequencies within categories”, then click the “Categories” tab, check “Group 1”, and then place the variable of interest. Or simply use the following command line: “graph bar (count), over(injured)”



1b.





1c. For age, click “Graphics”->”Histogram”, and enter the variable into the “Variable” box. Next, check the box under bins and enter 63 bins (75-12 is the range of our data; NOTE that you must do this or STATA will combine bins and your graph will be incorrect). Then change the Y-axis from Density to Frequency. Or just enter the following command line:

“histogram age\_r, frequency bin(63)”



1d.





3.

. tabulate age\_r

Age |

truncated |

at 75+ to |

ensure |

enough |

cases |

available | Freq. Percent Cum.

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12 | 802 3.35 3.35

13 | 766 3.20 6.54

14 | 735 3.07 9.61

15 | 700 2.92 12.53

16 | 710 2.96 15.49

17 | 698 2.91 18.40

18 | 727 3.03 21.44

19 | 658 2.75 24.18

20 | 656 2.74 26.92

21 | 628 2.62 29.54

22 | 668 2.79 32.33

23 | 632 2.64 34.96

24 | 605 2.52 37.49

25 | 630 2.63 40.11

26 | 583 2.43 42.55

27 | 609 2.54 45.09

28 | 564 2.35 47.44

29 | 546 2.28 49.72

30 | 527 2.20 51.92

31 | 547 2.28 54.20

32 | 520 2.17 56.37

33 | 509 2.12 58.49

34 | 548 2.29 60.78

35 | 509 2.12 62.90

36 | 546 2.28 65.18

37 | 513 2.14 67.32

38 | 489 2.04 69.36

39 | 465 1.94 71.30

40 | 440 1.84 73.14

41 | 449 1.87 75.01

42 | 452 1.89 76.90

43 | 380 1.59 78.48

44 | 373 1.56 80.04

45 | 363 1.51 81.55

46 | 394 1.64 83.19

47 | 313 1.31 84.50

48 | 344 1.44 85.94

49 | 318 1.33 87.26

50 | 279 1.16 88.43

51 | 264 1.10 89.53

52 | 239 1.00 90.53

53 | 228 0.95 91.48

54 | 217 0.91 92.38

55 | 200 0.83 93.22

56 | 170 0.71 93.93

57 | 134 0.56 94.48

58 | 148 0.62 95.10

59 | 130 0.54 95.64

60 | 141 0.59 96.23

61 | 104 0.43 96.67

62 | 106 0.44 97.11

63 | 86 0.36 97.47

64 | 86 0.36 97.83

65 | 72 0.30 98.13

66 | 57 0.24 98.36

67 | 50 0.21 98.57

68 | 38 0.16 98.73

69 | 44 0.18 98.92

70 | 41 0.17 99.09

71 | 34 0.14 99.23

72 | 19 0.08 99.31

73 | 16 0.07 99.37

74 | 21 0.09 99.46

75 | 129 0.54 100.00

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Total | 23,969 100.00

4.



