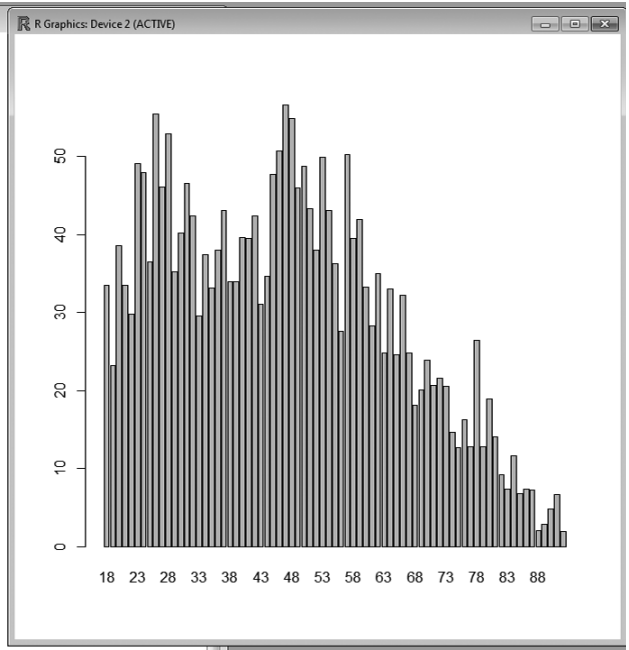
Figure 2.5 Frequency Distribution and Bar Chart: Interval Variable

R Console

18	33.469	1.44076	1.46818	1.468
19	23.250	1.00087	1.01992	2.488
20	38.531	1.65867	1.69023	4.178
21	33.548	1.44417	1.47165	5.650
22	29.773	1.28168	1.30607	6.956
23	49.097	2.11353	2.15375	9.110
24	47.929	2.06324	2.10250	11.212
25	36.487	1.57070	1.60059	12.813
26	55.520	2.39001	2.43549	15.248
27	46.101	1.98456	2.02232	17.271
28	52.885	2.27658	2.31990	19.591
29	35.196	1.51509	1.54392	21.135
30	40.184	1.72985	1.76277	22.897
31	46.546	2.00371	2.04183	24.939
32	42.352	1.82316	1.85785	26.797
33	29.589	1.27373	1.29797	28.095
34	37.423	1.61099	1.64165	29.737
35	33.141	1.42666	1.45381	31.190
36	38.002	1.63590	1.66703	32.857
37	43.061	1.85369	1.88897	34.746
38	33.931	1.46067	1.48846	36.235
39	33.967	1.46220	1.49002	37.725
40	39.598	1.70459	1.73703	39.462
41	39.515	1.70102	1.73339	41.195
42	42.408	1.82557	1.86031	43.056
43	31.032	1.33587	1.36129	44.417
44	34.605	1.48969	1.51804	45.935
45	47.722	2.05433	2.09342	48.028
46	50.709	2.18292	2.22445	50.253
47	56.599	2.43647	2.48283	52.736
48	54.926	2.36445	2.40944	55.145
49	45.962	1.97858	2.01623	57.161
50	48.729	2.09766	2.13758	59.299
51	43.325	1.86506	1.90055	61.199
52	37.950	1.63366	1.66475	62.864
53	49.963	2.15078	2.19170	65.056
54	43.114	1.85596	1.89128	66.947
55	36.280	1.56176	1.59147	68.539
56	27.568	1.18674	1.20932	69.748
57	50.241	2.16275	2.20390	71.952
58	39.555	1.70276	1.73516	73.687
59	41.902	1.80377	1.83809	75.525
60	33.302	1.43358	1.46086	76.986
61	28.247	1.21598	1.23911	78.225
62	35.014	1.50729	1.53597	79.761
63	24.878	1.07096	1.09134	80.852
64	33.075	1.42381	1.45090	82.303
65	24.558	1.05716	1.07728	83.381
66	32.183	1.38541	1.41177	84.792
67	24.876	1.07084	1.09122	85.884
68	18.067	0.77773	0.79253	86.676
69	20.121	0.86617	0.88265	87.559
70	23.957	1.03128	1.05090	88.610
71	20.703	0.89121	0.90817	89.518
72	21.608	0.93019	0.94789	90.466
73	20.548	0.88457	0.90140	91.367

Find the 50th percentile. The median age is 46.