

**The first ten rows and five columns  
of the fat data set**

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Obs	case	fat_b	fat_s	dens	age
1	1	12.6	12.3	1.0708	23
2	2	6.9	6.1	1.0853	22
3	3	24.6	25.3	1.0414	22
4	4	10.9	10.4	1.0751	26
5	5	27.8	28.7	1.0340	24
6	6	20.6	20.9	1.0502	24
7	7	19.0	19.2	1.0549	26
8	8	12.8	12.4	1.0704	25
9	9	5.1	4.1	1.0900	25
10	10	12.0	11.7	1.0722	23

**Simple descriptive statistics for ht**  
**Notice the unusual minimum value**

**The MEANS Procedure**

Analysis Variable : ht Height (inches)				
N	Mean	Std Dev	Minimum	Maximum
252	70.1488095	3.6628558	29.5000000	77.7500000

The row with the smallest ht

Obs	case	fat_b	fat_s	dens	age	wt	ht	bmi	ffw	neck	chest	abdomen	hip	thigh
1	42	31.7	32.9	1.025	44	205	29.5	29.9	140.1	36.6	106	104.3	115.5	70.6

Obs	knee	ankle	biceps	forearm	wrist
1	42.5	23.7	33.6	28.7	17.4

## The row with the largest ht

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Obs	case	fat_b	fat_s	dens	age	wt	ht	bmi	ffw	neck	chest	abdomen	hip	thigh
1	96	17.3	17.4	1.0991	53	224.5	77.75	26.1	185.7	41.1	113.2	99.2	107.5	61.7

Obs	knee	ankle	biceps	forearm	wrist
1	42.3	23.2	32.9	30.8	20.4

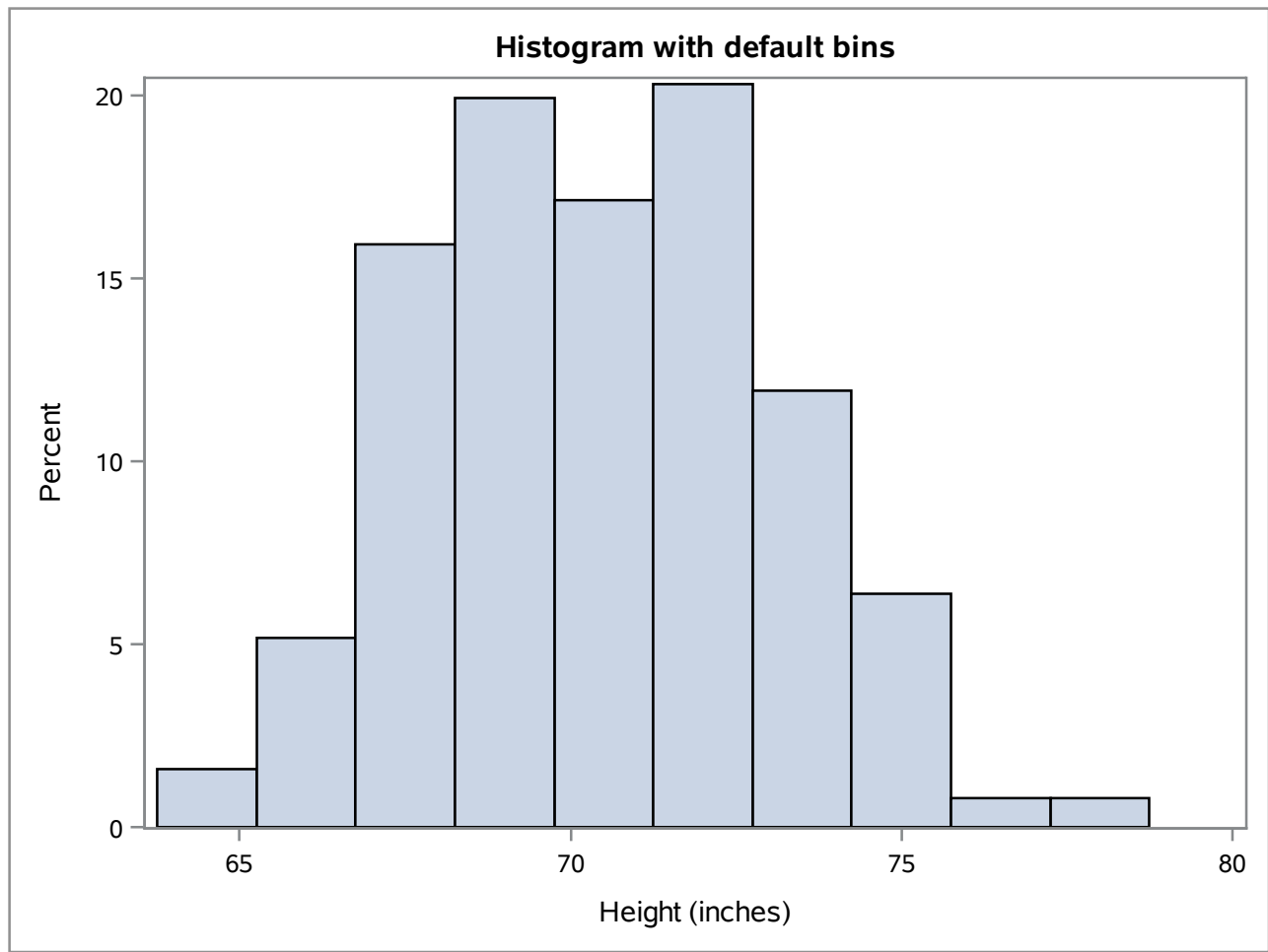
Obs	case	fat_b	fat_s	dens	age	wt	ht	bmi	ffw	neck	chest	abdomen	hip	thigh
252	42	31.7	32.9	1.025	44	205	.	29.9	140.1	36.6	106	104.3	115.5	70.6

Obs	knee	ankle	biceps	forearm	wrist
252	42.5	23.7	33.6	28.7	17.4

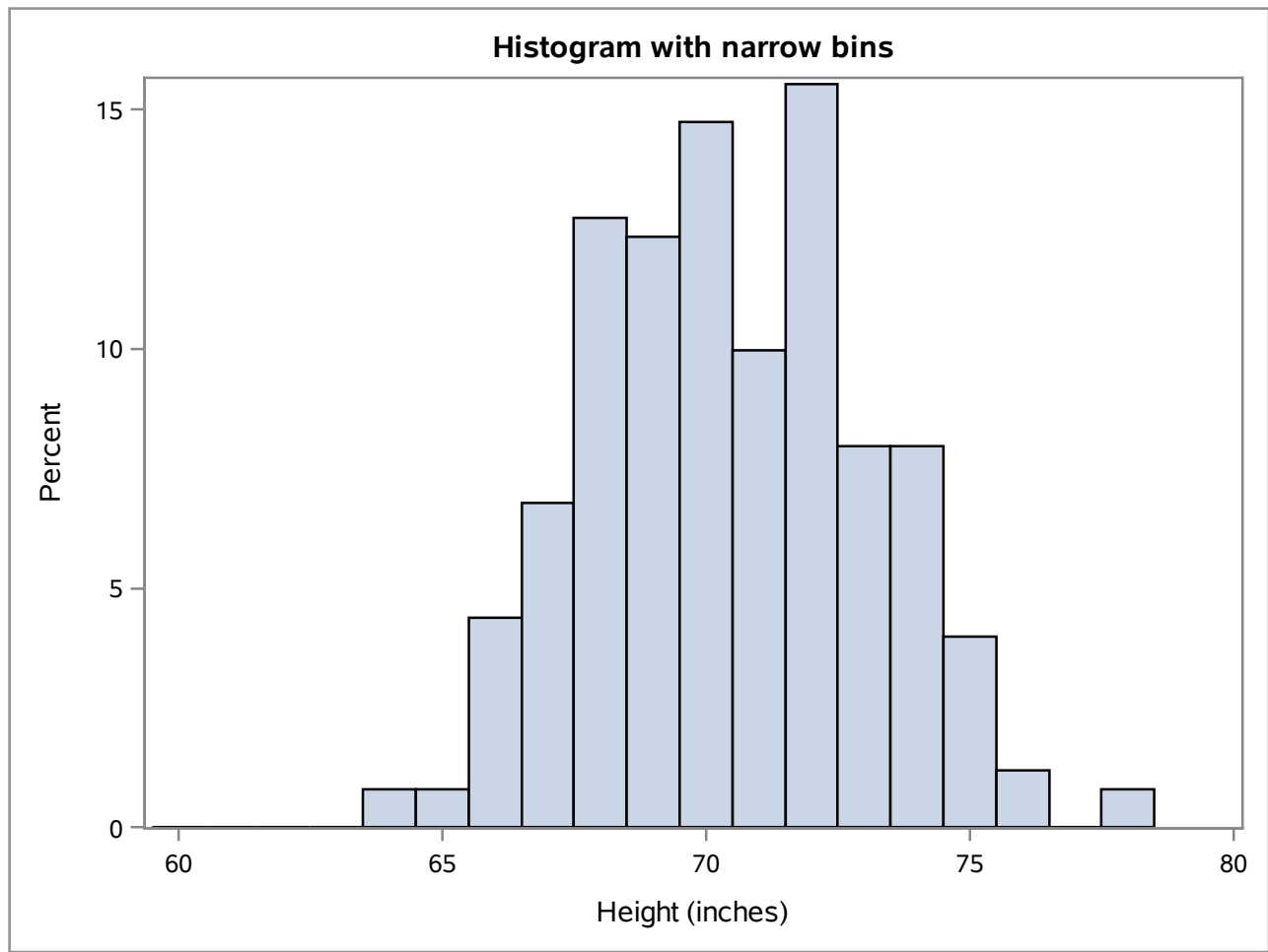
## The MEANS Procedure

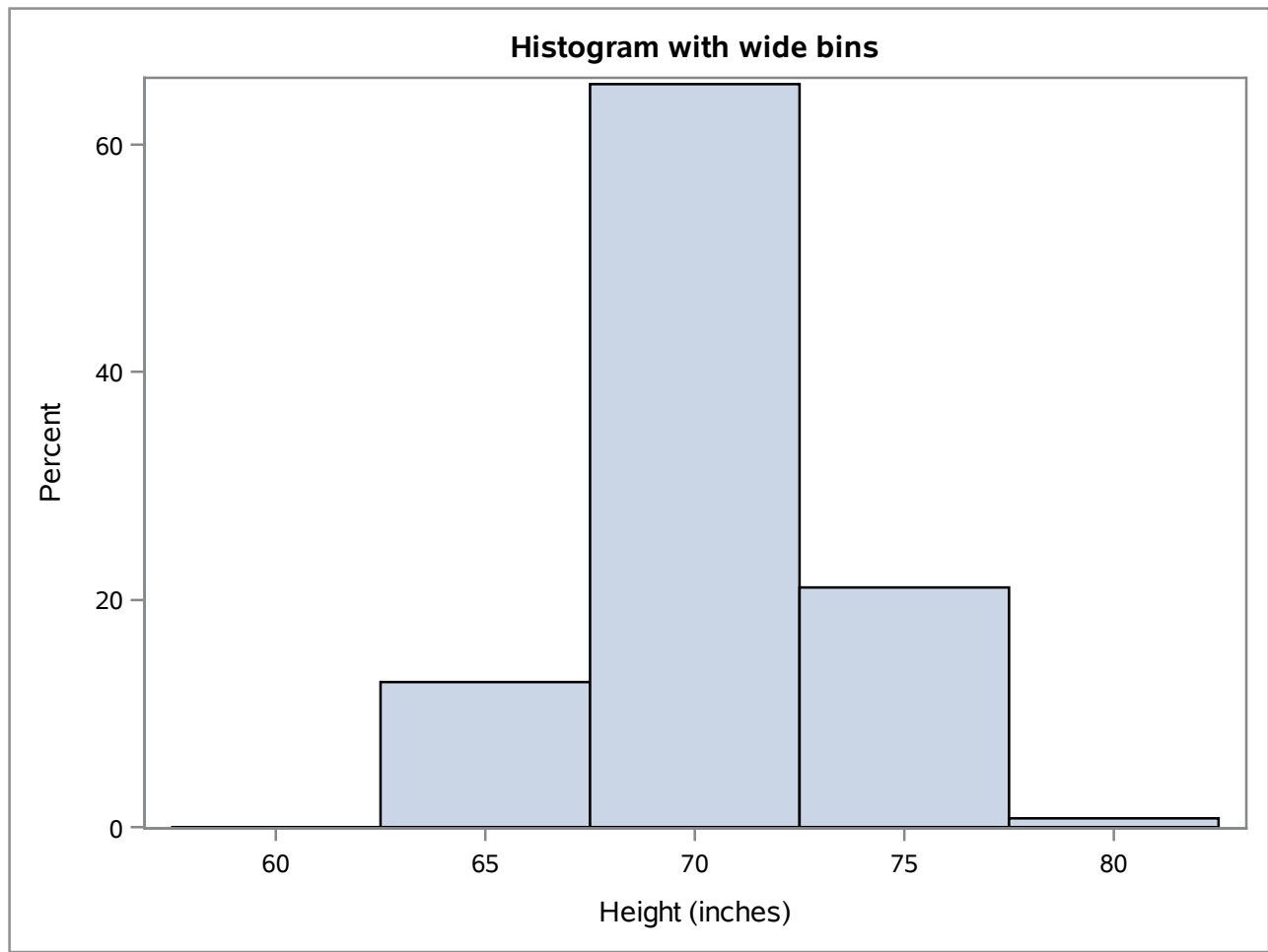
Analysis Variable : ht Height (inches)					
N	N Miss	Mean	Std Dev	Minimum	Maximum
251	1	70.3107570	2.6142960	64.0000000	77.7500000

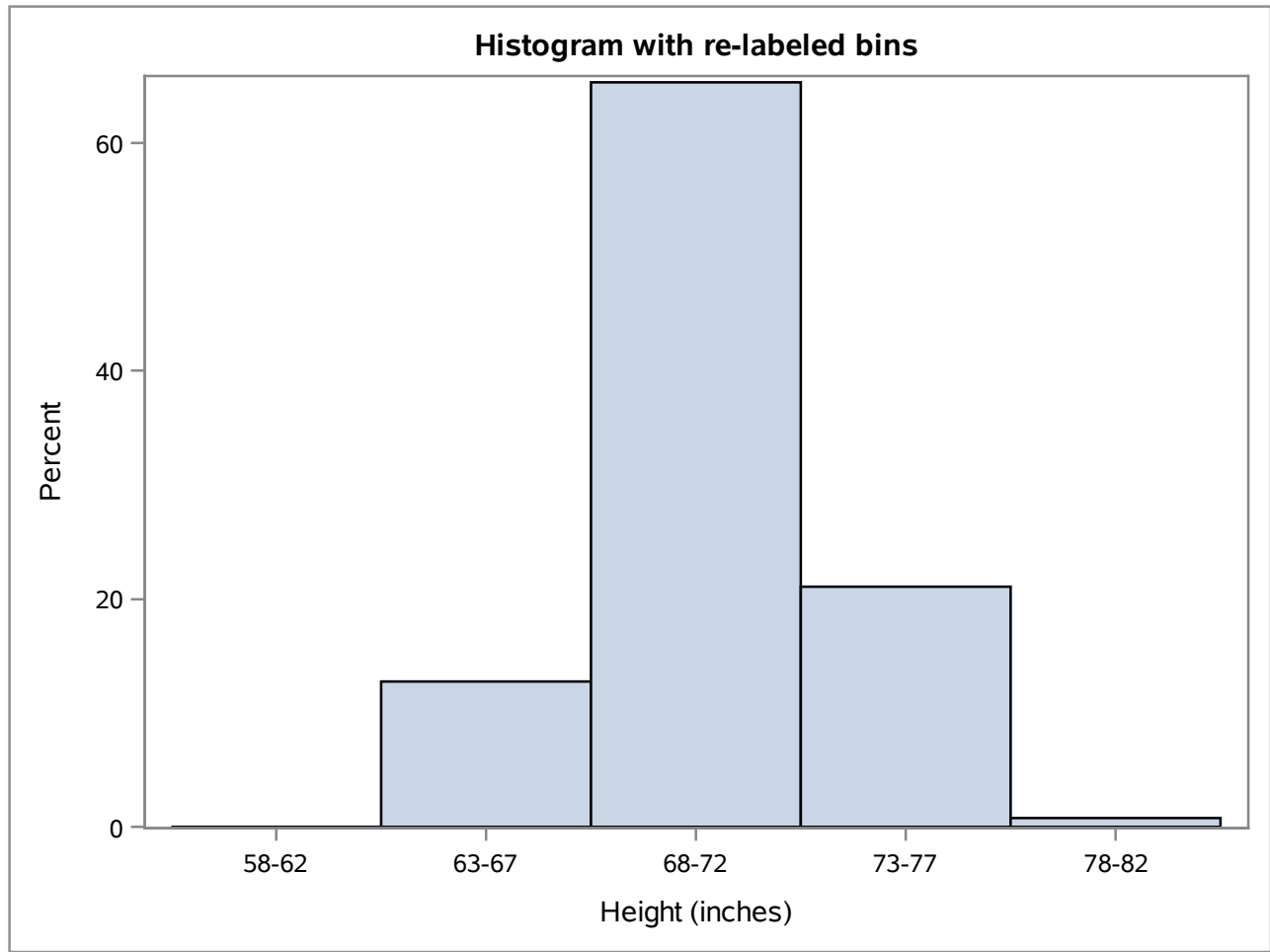
Obs	ht	ht_cm	wt	wt_kg
1	77.75	197.485	224.50	102.045
2	77.50	196.850	188.15	85.523
3	76.00	193.040	216.00	98.182
4	76.00	193.040	244.25	111.023
5	75.50	191.770	194.00	88.182
6	75.25	191.135	171.50	77.955
7	75.00	190.500	212.75	96.705
8	74.75	189.865	210.25	95.568
9	74.75	189.865	224.75	102.159
10	74.50	189.230	186.25	84.659











## The CORR Procedure

<b>10 With Variables:</b>	neck chest abdomen hip thigh knee ankle biceps forearm wrist
<b>2 Variables:</b>	fat_b fat_s

Pearson Correlation Coefficients, N = 252		
	fat_b	fat_s
<b>neck</b> Neck circumference (cm)	0.49149	0.49059
<b>chest</b> 85 Chest circumference (cm)	0.70289	0.70262
<b>abdomen</b> Abdomen circumference (cm) at the umbilicus and level with the iliac crest	0.81371	0.81343
<b>hip</b> Hip circumference (cm)	0.62570	0.62520
<b>thigh</b> Thigh circumference (cm)	0.56128	0.55961
<b>knee</b> Knee circumference (cm)	0.50779	0.50867
<b>ankle</b> Ankle circumference (cm)	0.26678	0.26597
<b>biceps</b> Extended biceps circumference (cm)	0.49303	0.49327
<b>forearm</b> Forearm circumference (cm)	0.36328	0.36139
<b>wrist</b> Wrist circumference (cm) distal to the styloid processes	0.34757	0.34657

Obs	_TYPE_	_NAME_	fat_b	fat_s
1	MEAN		18.938	19.151
2	STD		7.751	8.369
3	N		252.000	252.000
4	CORR	neck	0.491	0.491
5	CORR	chest	0.703	0.703
6	CORR	abdomen	0.814	0.813
7	CORR	hip	0.626	0.625
8	CORR	thigh	0.561	0.560
9	CORR	knee	0.508	0.509
10	CORR	ankle	0.267	0.266
11	CORR	biceps	0.493	0.493
12	CORR	forearm	0.363	0.361
13	CORR	wrist	0.348	0.347

Obs	_TYPE_	_NAME_	fat_b	fat_s
1	CORR	abdomen	81	81
2	CORR	chest	70	70
3	CORR	hip	63	63
4	CORR	thigh	56	56
5	CORR	knee	51	51
6	CORR	neck	49	49
7	CORR	biceps	49	49
8	CORR	forearm	36	36
9	CORR	wrist	35	35
10	CORR	ankle	27	27

