

Descriptive Statistics Using PROC UNIVARIATE

The UNIVARIATE Procedure Variable: AGEP (Age)

Moments			
N	112523	Sum Weights	112523
Mean	43.7104681	Sum Observations	4918433
Std Deviation	13.3208363	Variance	177.444681
Skewness	0.28148921	Kurtosis	-0.7329792
Uncorrected SS	234953439	Corrected SS	19966430.3
Coeff Variation	30.4751628	Std Error Mean	0.039711

Basic Statistical Measures			
Location		Variability	
Mean	43.71047	Std Deviation	13.32084
Median	43.00000	Variance	177.44468
Mode	28.00000	Range	76.00000
		Interquartile Range	22.00000

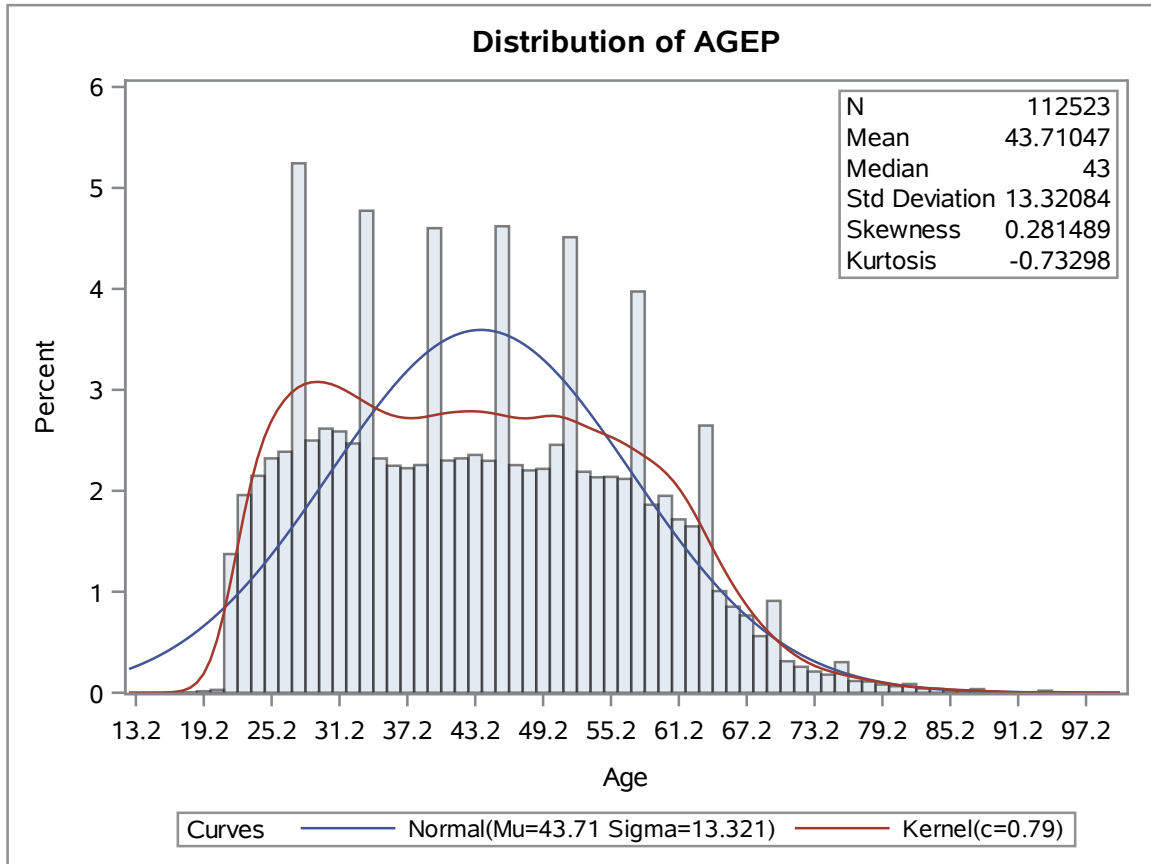
Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	1100.714	Pr > t 	<.0001
Sign	M	56261.5	Pr >= M 	<.0001
Signed Rank	S	3.1654E9	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	94
99%	74
95%	66
90%	62
75% Q3	54
50% Median	43
25% Q1	32
10%	26
5%	24
1%	22
0% Min	18

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Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
18	19552	94	91785
18	1056	94	94141
19	102276	94	102073
19	97406	94	107386
19	94862	94	109440

Descriptive Statistics Using PROC UNIVARIATE**The UNIVARIATE Procedure**

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The UNIVARIATE Procedure Fitted Normal Distribution for AGEP (Age)

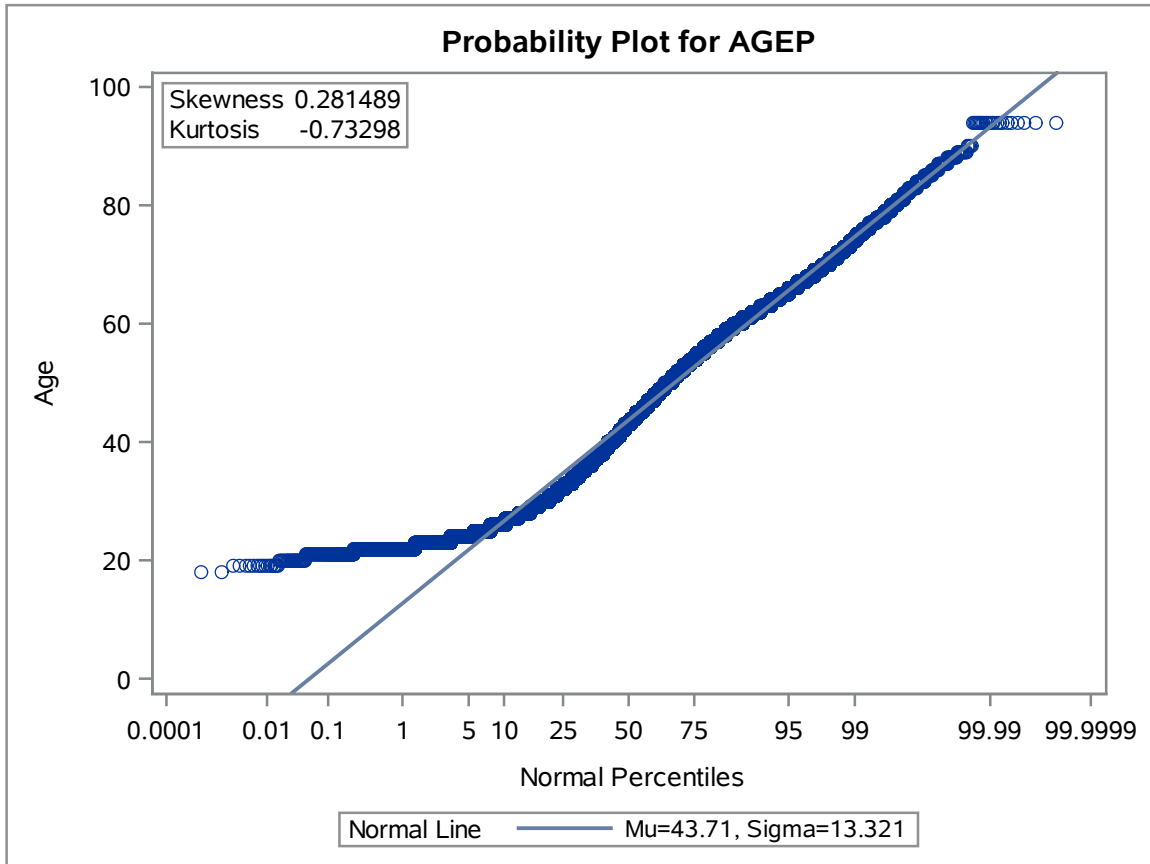
Parameters for Normal Distribution		
Parameter	Symbol	Estimate
Mean	Mu	43.71047
Std Dev	Sigma	13.32084

Goodness-of-Fit Tests for Normal Distribution				
Test	Statistic		p Value	
Kolmogorov-Smirnov	D	0.071221	Pr > D	<0.010
Cramer-von Mises	W-Sq	123.622622	Pr > W-Sq	<0.005
Anderson-Darling	A-Sq	849.802657	Pr > A-Sq	<0.005

Quantiles for Normal Distribution		
Percent	Quantile	
	Observed	Estimated
1.0	22.0000	12.7216
5.0	24.0000	21.7996
10.0	26.0000	26.6391
25.0	32.0000	34.7257
50.0	43.0000	43.7105
75.0	54.0000	52.6952
90.0	62.0000	60.7818
95.0	66.0000	65.6213
99.0	74.0000	74.6994

Descriptive Statistics Using PROC UNIVARIATE

The UNIVARIATE Procedure



Descriptive Statistics Using PROC UNIVARIATE

The UNIVARIATE Procedure
Variable: WKHP (Usual hours worked per week past 12 months)

Moments			
N	112523	Sum Weights	112523
Mean	40.5125797	Sum Observations	4558597
Std Deviation	12.7122093	Variance	161.600264
Skewness	-0.3015546	Kurtosis	1.85543433
Uncorrected SS	202864109	Corrected SS	18183584.9
Coeff Variation	31.3784246	Std Error Mean	0.03789661

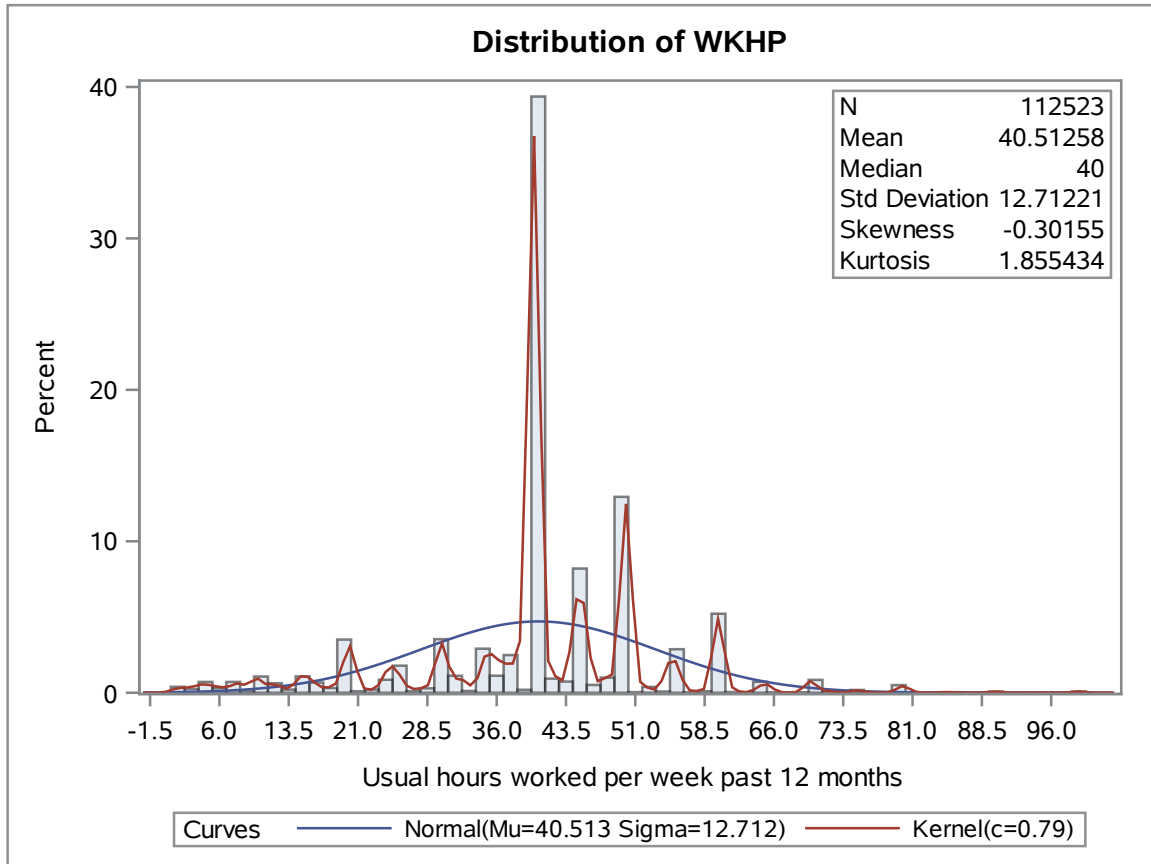
Basic Statistical Measures			
Location		Variability	
Mean	40.51258	Std Deviation	12.71221
Median	40.00000	Variance	161.60026
Mode	40.00000	Range	98.00000
		Interquartile Range	8.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	1069.029	Pr > t 	<.0001
Sign	M	56261.5	Pr >= M 	<.0001
Signed Rank	S	3.1654E9	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	99
99%	72
95%	60
90%	55
75% Q3	48
50% Median	40
25% Q1	40
10%	21
5%	15
1%	4
0% Min	1

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Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
1	112329	99	106259
1	111637	99	108583
1	111441	99	110974
1	110692	99	111785
1	108028	99	112149

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Descriptive Statistics Using PROC UNIVARIATE

The UNIVARIATE Procedure Fitted Normal Distribution for WKHP (Usual hours worked per week past 12 months)

Parameters for Normal Distribution		
Parameter	Symbol	Estimate
Mean	Mu	40.51258
Std Dev	Sigma	12.71221

Goodness-of-Fit Tests for Normal Distribution				
Test	Statistic		p Value	
Kolmogorov-Smirnov	D	0.23595	Pr > D	<0.010
Cramer-von Mises	W-Sq	966.27454	Pr > W-Sq	<0.005
Anderson-Darling	A-Sq	4526.29811	Pr > A-Sq	<0.005

Quantiles for Normal Distribution		
Percent	Quantile	
	Observed	Estimated
1.0	4.00000	10.9396
5.0	15.00000	19.6029
10.0	21.00000	24.2212
25.0	40.00000	31.9383
50.0	40.00000	40.5126
75.0	48.00000	49.0868
90.0	55.00000	56.8039
95.0	60.00000	61.4223
99.0	72.00000	70.0856

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The UNIVARIATE Procedure

