

| _4_WHEELER | Speed (KM/Hr) | DESCRIPTIVE STATISTICS | |
|-------------------|----------------------|-------------------------------|------|
| 43 | 44 | COUNT | 88.0 |
| 41 | 32 | MEAN | 43.0 |
| 30 | 23 | MIN | 18.0 |
| 31 | 46 | MAX | 55.0 |
| 41 | 35 | STANDARD DEVIATION | 8.9 |
| | 30 | RANGE | 37.0 |
| 19 | | | |
| 40 | 21 | CLASS INTERVAL | 5.1 |
| 25 | 35 | | |
| 25 | 34 | | |
| 36 | 23 | 98TH SPEED | 52 |
| 31 | 35 | 85TH SPEED | 44 |
| 36 | 24 | 50TH SPEED | 35 |
| 21 | 21 | 15TH SPEED | 25 |
| 31 | 18 | | |
| 52 | 37 | | |
| 48 | 28 | | |
| 37 | 30 | | |
| 50 | 45 | | |
| 37 | 33 | | |
| 31 | 40 | | |
| 41 | 51 | | |
| 42 | 52 | | |
| 20 | 26 | | |
| 26 | 20 | | |
| 23 | 36 | | |
| 31 | 45 | | |
| 38 | 42 | | |
| 42 | 33 | | |
| 47 | 27 | | |
| 39 | 18 | | |
| 34 | 30 | | |
| 36 | 28 | | |
| 55 | 25 | | |
| 35 | 33 | | |
| 39 | 37 | | |
| 33 | 46 | | |
| 26 | 42 | | |
| 28 | 43 | | |
| 36 | 44 | | |
| 46 | 29 | | |
| 40 | 36 | | |
| 40 | 25 | | |
| 29 | 28 | | |
| 24 | 44 | | |

| MIN | MAX | MID | OBSERVED FREQUENCY | CUMULATIVE FREQUENCY | % CUM FREQUENCY | NORMAL DISTRIBUTION | PROBABILITY DISTRIBUTION | EXPECTED FRQUENCY |
|-----|-----|------|-----------------------|-------------------------|--------------------|------------------------|-----------------------------|----------------------|
| 0 | 5 | 2.5 | 0 | 0 | 0 | 0.0000014 | 0.000008 | 0 |
| 5 | 10 | 7.5 | 0 | 0 | 0 | 0.0000154 | 0.000084 | 0 |
| 10 | 15 | 12.5 | 0 | 0 | 0 | 0.0001243 | 0.000680 | 0 |
| 15 | 20 | 17.5 | 5 | 5 | 5.681818182 | 0.0007318 | 0.004002 | 0 |
| 20 | 25 | 22.5 | 12 | 17 | 19.31818182 | 0.0031387 | 0.017162 | 2 |
| 25 | 30 | 27.5 | 14 | 31 | 35.22727273 | 0.0098089 | 0.053635 | 5 |
| 30 | 35 | 32.5 | 16 | 47 | 53.40909091 | 0.0223374 | 0.122140 | 11 |
| 35 | 40 | 37.5 | 17 | 64 | 72.72727273 | 0.0370663 | 0.202677 | 18 |
| 40 | 45 | 42.5 | 14 | 78 | 88.63636364 | 0.0448186 | 0.245066 | 22 |
| 45 | 50 | 47.5 | 6 | 84 | 95.45454545 | 0.0394886 | 0.215922 | 19 |
| 50 | 55 | 52.5 | 4 | 88 | 100 | 0.0253524 | 0.138626 | 12 |
| | | | 0 | | | 0.1828838 | | |

| EXPECTED POOLED(E) | OBSERVED POOLED(O) | (O-E)^2/E | AT THE 5% LEVEL OF SIGNIFICANCE | |
|-----------------------|-----------------------|------------|---------------------------------|---------|
| | | | DEGREE OF FREEDOM | 5-1-1=3 |
| 0 | 0 | 0 | CRITICAL CHI SQUARE | 7.8 |
| 0 | 0 | 0 | | |
| 0 | 0 | 0 | | |
| 0 | 17 | 0 | | |
| 0 | 14 | 0 | | |
| 18 | 16 | 0.22222222 | | |
| 18 | 17 | 0.05555556 | | |
| 22 | 14 | 2.90909091 | | |
| 19 | 10 | 4.26315789 | | |
| 12 | 0 | 12 | | |
| | | 19.4500266 | | |

