

Godfrey Drive Speed Study

Westbound

Speed, mph	Number of Observations, n	Middle Speed,s	n x s	n x s <sup>2</sup>	Cumulative	Cumulative Frequency
9	1	9	9	81	1	0.3%
10	0	10	0	0	1	0.3%
11	2	11	22	242	3	0.8%
12	0	12	0	0	3	0.8%
13	4	13	52	676	7	1.9%
14	4	14	56	784	11	3.0%
15	3	15	45	675	14	3.8%
16	8	16	128	2048	22	6.0%
17	8	17	136	2312	30	8.2%
18	8	18	144	2592	38	10.3%
19	15	19	285	5415	53	14.4%
20	23	20	460	9200	76	20.7%
21	29	21	609	12789	105	28.5%
22	41	22	902	19844	146	39.7%
23	35	23	805	18515	181	49.2%
24	35	24	840	20160	216	58.7%
25	29	25	725	18125	245	66.6%
26	29	26	754	19604	274	74.5%
27	27	27	729	19683	301	81.8%
28	19	28	532	14896	320	87.0%
29	20	29	580	16820	340	92.4%
30	19	30	570	17100	359	97.6%
31	4	31	124	3844	363	98.6%
32	2	32	64	2048	365	99.2%
33	1	33	33	1089	366	99.5%
34	1	34	34	1156	367	99.7%
35	0	35	0	0	367	99.7%
36	1	36	36	1296	368	100.0%

368 8674 210994

Mean 23.571 mph  
s 4.222 mph  
85% 28 mph  
Median 24 mph  
Mode 22 mph

Standard 25 mph  
Mean + s 0.339  
Mean + s 27.793

z\* 1.460  
29.735 85% Limits  
17.406

