

Max Brake Pedal Position Bucket Analysis Report

Report Summary:

- Bucket Type: Max Brake Pedal Position
 - Total Buckets: 10
- Date Range: 2025-08-01 to 2025-08-04

This report contains three tables showing:

1. Median statistics for each bucket
2. 95th percentile statistics for each bucket
3. 99th percentile statistics for each bucket

Each table shows:

- Bucket range
- Total events in the bucket
- Median/95th/99th percentile values for:
 - * Max Brake Pedal Position (BPP)
 - * Total Time (seconds)
 - * Total Distance (meters)
 - * Deceleration (m/s^2)

Max Brake Pedal Position - Median Statistics

bucket	total_events	median_start_velocity	median_total_time	median_total_distance	median_deceleration
20-25	2	28.76	14.25	42.85	0.56
25-30	7	30.5	13.38	49.78	0.62
30-35	22	30.89	14.55	57.46	0.63
35-40	28	35.72	14.41	51.57	0.74
40-45	19	35.04	13.98	58.62	0.75
45-50	21	33.27	13.4	55.97	0.85
50-55	28	39.51	13.57	57.35	0.9
55-60	14	41.02	14.59	60.05	0.95
60-65	7	53.54	14.37	80.0	1.09
65-70	2	55.14	13.73	101.68	1.11

Max Brake Pedal Position - 95th Percentile Statistics

bucket	total_events	p95_start_velocity	p95_total_time	p95_total_distance	p95_deceleration
20-25	2	31.03	14.51	48.67	0.59
25-30	7	31.54	14.59	54.68	0.74
30-35	22	47.55	15.0	84.52	0.89
35-40	28	46.85	14.81	84.99	0.91
40-45	19	49.09	14.56	93.45	0.98
45-50	21	46.98	14.78	87.77	1.2
50-55	28	56.45	14.83	97.67	1.16
55-60	14	66.77	14.84	121.39	1.26
60-65	7	68.9	14.79	115.86	1.31
65-70	2	64.77	14.76	138.48	1.22

Max Brake Pedal Position - 99th Percentile Statistics

bucket	total_events	p99_start_velocity	p99_total_time	p99_total_distance	p99_deceleration
20-25	2	31.23	14.53	49.19	0.6
25-30	7	31.55	14.6	55.4	0.75
30-35	22	48.15	15.0	85.93	0.94
35-40	28	50.12	14.96	86.13	0.96
40-45	19	50.51	14.86	94.76	1.01
45-50	21	50.24	14.81	101.24	1.2
50-55	28	57.9	14.9	105.3	1.28
55-60	14	70.18	14.91	132.33	1.31
60-65	7	70.21	14.81	117.78	1.33
65-70	2	65.63	14.86	141.75	1.23