



Loop Data Statistics
Post-Race Report

NASCAR Sprint All-Star Race

May 21, 2011



Average Running Position

Sum of driver position on each lap - divided by the laps run in the race.

NASCAR Sprint All-Star Race

Charlotte Motor Speedway

May 21, 2011

Rk.	Car Number	Driver	Team	Finish Pos.	Average Place
1	99	Carl Edwards	Aflac Now Hiring	1	2.110
2	18	Kyle Busch	M&M's	2	2.500
3	16	Greg Biffle	3M	5	2.800
4	14	Tony Stewart	Burger King	4	5.900
5	5	Jimmie Johnson	Lowe's 5% Every Day	11	8.250
6	24	Jeff Gordon	DuPont	15	8.410
7	17	Matt Kenseth	Crown Royal	6	8.970
8	00	David Reutimann	Aaron's Dream Machine	3	10.550
9	33	Clint Bowyer	BB&T	16	10.600
10	4	Kasey Kahne	Red Bull	21	10.970
11	11	Denny Hamlin	FedEx Express	7	11.260
12	25	Mark Martin	Farmers Insurance Group	19	11.710
13	39	Ryan Newman	Haas Automation	10	12.650
14	42	Juan Pablo Montoya	Energizer	12	13.230
15	1	Jamie McMurray	Bass Pro Shops / National Wild Turkey Fed.	17	13.370
16	22	Kurt Busch	Shell / Pennzoil	13	14.120
17	6	David Ragan	UPS	8	14.160
18	29	Kevin Harvick	Realtree Outfitters / Budweiser	9	15.300
19	78	Regan Smith	Furniture Row	20	16.740
20	88	Dale Earnhardt Jr.	AMP Energy Super Free / National Guard	14	17.257
21	2	Brad Keselowski	Miller Lite	18	20.160



Box Score

NASCAR Sprint All-Star Race
Charlotte Motor Speedway
May 21, 2011

Green Flag Passes for the Lead:		11																			
Car No.	Driver	Start	Mid Race	10 Laps to Go	Finish	High Pos	Low Pos	Avg Pos	Pass Diff.	Green Passes	Green Times Passed	Quality Passes	% of Quality Passes	# of Fastest Laps	Laps in Top 15	% of Laps in	Laps Led	% of Laps Led	Total Laps	Driver Rating	Pts
99	Carl Edwards	4	2	1	1	1	12	2	3	21	18	17	81.0	35	100	100.0	29	29.0	100	141.7	0
18	Kyle Busch	1	3	2	2	1	6	3	0	14	14	12	85.7	9	100	100.0	19	19.0	100	117.6	0
00	David Reutimann	18	11	9	3	3	18	11	10	45	35	44	97.8	3	91	91.0	0	.0	100	78.0	0
14	Tony Stewart	6	5	4	4	3	14	6	5	26	21	25	96.2	3	100	100.0	0	.0	100	99.8	0
16	Greg Biffle	3	1	3	5	1	11	3	-1	26	27	21	80.8	10	100	100.0	46	46.0	100	119.5	0
17	Matt Kenseth	13	7	7	6	3	16	9	15	46	31	44	95.7	6	97	97.0	0	.0	100	85.1	0
11	Denny Hamlin	15	13	5	7	5	19	11	6	32	26	24	75.0	0	78	78.0	0	.0	100	66.3	0
6	David Ragan	19	16	12	8	7	21	14	5	33	28	25	75.8	0	47	47.0	0	.0	100	53.3	0
29	Kevin Harvick	14	17	14	9	9	20	15	3	44	41	34	77.3	0	45	45.0	0	.0	100	49.0	0
39	Ryan Newman	10	15	10	10	8	19	13	-2	43	45	29	67.4	0	90	90.0	0	.0	100	54.9	0
5	Jimmie Johnson	11	6	8	11	1	18	8	8	56	48	50	89.3	14	95	95.0	6	6.0	100	85.2	0
42	Juan Pablo Montoya	8	12	17	12	6	19	13	-3	36	39	14	38.9	0	66	66.0	0	.0	100	51.5	0
22	Kurt Busch	16	20	13	13	6	21	14	1	63	62	43	68.3	0	62	62.0	0	.0	100	49.6	0
88	Dale Earnhardt Jr.	21	19	18	14	9	21	17	2	36	34	20	55.6	0	31	31.0	0	.0	100	38.1	0
24	Jeff Gordon	12	9	6	15	2	17	8	1	38	37	35	92.1	3	97	97.0	0	.0	100	75.0	0
33	Clint Bowyer	2	8	11	16	2	19	11	-8	33	41	23	69.7	0	77	77.0	0	.0	100	60.6	0
1	Jamie McMurray	9	14	16	17	8	20	13	-12	35	47	28	80.0	0	77	77.0	0	.0	100	39.9	0
2	Brad Keselowski	20	21	20	18	1	21	20	1	34	33	15	44.1	6	1	1.0	0	.0	99	28.4	0
25	Mark Martin	5	10	15	19	3	19	12	-17	27	44	17	63.0	0	65	65.0	0	.0	93	57.0	0
78	Regan Smith	17	18	19	20	6	20	17	-17	17	34	17	100.0	0	23	23.0	0	.0	90	28.8	0
4	Kasey Kahne	7	4	21	21	2	21	11	-2	9	11	9	100.0	2	58	58.0	0	.0	59	80.5	0



Box Score Glossary

Car No.	Driver	Mid Start	10 Laps Race to Go	Finish	High Pos	Low Pos	Avg Pos	Pass Diff.	Green Passes	Green Times Passed	Quality Passes	% of Quality Passes	# of Fastest Laps	Laps in Top 15	% of Laps in	Laps Led	% of Laps Led	Total Laps	Driver Rating	Pts
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Column Name

- Driver Rating:** Formula combining the following categories: Win, Finish, Top-15 Finish, Average Running Position while on Lead Lap, Average Speed Under Green, Fastest Lap, Led Most Laps, Lead-Lap Finish. Maximum: 150 points per race.
- Fastest Laps:** How many times driver had the fastest lap of all drivers
- Green Passes:** Green flag passes for position
- Green Times Passed:** Number of times passed under a green flag
- Passing Differential:** Total passes minues the number of times passed under a green flag
- Quality Passes:** Number of times passing a car running in the Top 15 while under a green flag





Closers

Positions improved in the last 10 percent (10 laps) of the race.

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Rk.	Car Number	Driver	Team	10 Laps To Go	Finish Pos.	Pos Gained
1	00	David Reutimann	Aaron's Dream Machine	9	3	6
t2	29	Kevin Harvick	Realtree Outfitters / Budweiser	14	9	5
t2	42	Juan Pablo Montoya	Energizer	17	12	5
t4	88	Dale Earnhardt Jr.	AMP Energy Super Free / National Guard	18	14	4
t4	6	David Ragan	UPS	12	8	4
6	2	Brad Keselowski	Miller Lite	20	18	2
7	17	Matt Kenseth	Crown Royal	7	6	1
t8	22	Kurt Busch	Shell / Pennzoil	13	13	0
t8	18	Kyle Busch	M&M's	2	2	0
t8	99	Carl Edwards	Aflac Now Hiring	1	1	0
t8	4	Kasey Kahne	Red Bull	21	21	0
t8	39	Ryan Newman	Haas Automation	10	10	0
t8	14	Tony Stewart	Burger King	4	4	0
t14	1	Jamie McMurray	Bass Pro Shops / National Wild Turkey Fed.	16	17	-1
t14	78	Regan Smith	Furniture Row	19	20	-1
t16	16	Greg Biffle	3M	3	5	-2
t16	11	Denny Hamlin	FedEx Express	5	7	-2
18	5	Jimmie Johnson	Lowe's 5% Every Day	8	11	-3
19	25	Mark Martin	Farmers Insurance Group	15	19	-4
20	33	Clint Bowyer	BB&T	11	16	-5
21	24	Jeff Gordon	DuPont	6	15	-9



Driver Rating

Formula combining the following categories: Win, Finish, Top-15 Finish, Average Running Position While on Lead Lap, Average Speed Under Green, Fastest lap, Led Most Laps, Lead-Lap Finish. Maximum: 150 points per race.

NASCAR Sprint All-Star Race Charlotte Motor Speedway May 21, 2011

Rk.	Car Number	Driver	Team	Finish Pos.	Driver Rating
1	99	Carl Edwards	Aflac Now Hiring	1	141.7
2	16	Greg Biffle	3M	5	119.5
3	18	Kyle Busch	M&M's	2	117.6
4	14	Tony Stewart	Burger King	4	99.8
5	5	Jimmie Johnson	Lowe's 5% Every Day	11	85.2
6	17	Matt Kenseth	Crown Royal	6	85.1
7	4	Kasey Kahne	Red Bull	21	80.5
8	00	David Reutimann	Aaron's Dream Machine	3	78.0
9	24	Jeff Gordon	DuPont	15	75.0
10	11	Denny Hamlin	FedEx Express	7	66.3
11	33	Clint Bowyer	BB&T	16	60.6
12	25	Mark Martin	Farmers Insurance Group	19	57.0
13	39	Ryan Newman	Haas Automation	10	54.9
14	6	David Ragan	UPS	8	53.3
15	42	Juan Pablo Montoya	Energizer	12	51.5
16	22	Kurt Busch	Shell / Pennzoil	13	49.6
17	29	Kevin Harvick	Realtree Outfitters / Budweiser	9	49.0
18	1	Jamie McMurray	Bass Pro Shops / National Wild Turkey Fed.	17	39.9
19	88	Dale Earnhardt Jr.	AMP Energy Super Free / National Guard	14	38.1
20	78	Regan Smith	Furniture Row	20	28.8
21	2	Brad Keselowski	Miller Lite	18	28.4



Fastest Drivers Early In a Run

Ranks each driver during the first 25 percent of laps run since a pit stop.

Only includes drivers finishing within five laps of the leader.

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Rk.	Car Number	Driver	Team	Finish Pos.	Laps Completed	Speed
1	99	Carl Edwards	Aflac Now Hiring	1	100	185.778
2	18	Kyle Busch	M&M's	2	100	185.460
3	16	Greg Biffle	3M	5	100	185.258
4	14	Tony Stewart	Burger King	4	100	184.662
5	00	David Reutimann	Aaron's Dream Machine	3	100	183.887
6	24	Jeff Gordon	DuPont	15	100	183.724
7	17	Matt Kenseth	Crown Royal	6	100	183.514
8	5	Jimmie Johnson	Lowe's 5% Every Day	11	100	183.266
9	11	Denny Hamlin	FedEx Express	7	100	183.161
10	6	David Ragan	UPS	8	100	183.148
11	39	Ryan Newman	Haas Automation	10	100	182.959
12	22	Kurt Busch	Shell / Pennzoil	13	100	182.798
13	88	Dale Earnhardt Jr.	AMP Energy Super Free / National Guard	14	100	182.773
14	29	Kevin Harvick	Realtree Outfitters / Budweiser	9	100	182.408
15	33	Clint Bowyer	BB&T	16	100	182.401
16	1	Jamie McMurray	Bass Pro Shops / National Wild Turkey Fe	17	100	182.218
17	2	Brad Keselowski	Miller Lite	18	99	182.136
18	42	Juan Pablo Montoya	Energizer	12	100	181.999



Fastest Drivers Late In a Run

Ranks each driver during the last 25 percent of laps run since a pit stop.

Only includes drivers finishing within five laps of the leader.

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Rk.	Car Number	Driver	Team	Finish Pos.	Laps Completed	Speed
1	99	Carl Edwards	Aflac Now Hiring	1	100	183.953
2	16	Greg Biffle	3M	5	100	183.211
3	18	Kyle Busch	M&M's	2	100	183.034
4	5	Jimmie Johnson	Lowe's 5% Every Day	11	100	182.749
5	14	Tony Stewart	Burger King	4	100	182.682
6	17	Matt Kenseth	Crown Royal	6	100	182.443
7	24	Jeff Gordon	DuPont	15	100	182.344
8	11	Denny Hamlin	FedEx Express	7	100	181.463
9	00	David Reutimann	Aaron's Dream Machine	3	100	181.168
10	39	Ryan Newman	Haas Automation	10	100	180.930
11	6	David Ragan	UPS	8	100	180.884
12	33	Clint Bowyer	BB&T	16	100	180.660
13	22	Kurt Busch	Shell / Pennzoil	13	100	180.447
14	42	Juan Pablo Montoya	Energizer	12	100	180.222
15	1	Jamie McMurray	Bass Pro Shops / National Wild Turkey Fed.	17	100	179.639
16	29	Kevin Harvick	Realtree Outfitters / Budweiser	9	100	179.499
17	88	Dale Earnhardt Jr.	AMP Energy Super Free / National Guard	14	100	179.474
18	2	Brad Keselowski	Miller Lite	18	99	174.056



Fastest Laps Run

The number of laps a driver had the fastest lap in the race.

Green Flag Laps in Race: 89

NASCAR Sprint All-Star Race

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Rk.	Car Number	Driver	Team	Percent of Fastest Laps	Finish Pos.	Total Fastest Laps
1	99	Carl Edwards	Aflac Now Hiring	39.3	1	35
2	5	Jimmie Johnson	Lowe's 5% Every Day	15.7	11	14
3	16	Greg Biffle	3M	11.2	5	10
4	18	Kyle Busch	M&M's	10.1	2	9
t5	17	Matt Kenseth	Crown Royal	6.7	6	6
t5	2	Brad Keselowski	Miller Lite	6.7	18	6
t7	24	Jeff Gordon	DuPont	3.4	15	3
t7	00	David Reutimann	Aaron's Dream Machine	3.4	3	3
t7	14	Tony Stewart	Burger King	3.4	4	3
10	4	Kasey Kahne	Red Bull	2.2	21	2



Fastest on Restarts

Average speed of first two laps under green.

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Rk.	Car Number	Driver	Team	Finish Pos.	Average Speed
1	18	Kyle Busch	M&M's	2	180.852
2	99	Carl Edwards	Aflac Now Hiring	1	179.802
3	16	Greg Biffle	3M	5	179.802
4	5	Jimmie Johnson	Lowe's 5% Every Day	11	177.476
5	4	Kasey Kahne	Red Bull	21	177.265
6	22	Kurt Busch	Shell / Pennzoil	13	177.251
7	17	Matt Kenseth	Crown Royal	6	177.202
8	14	Tony Stewart	Burger King	4	177.158
9	24	Jeff Gordon	DuPont	15	177.040
10	11	Denny Hamlin	FedEx Express	7	176.909
11	33	Clint Bowyer	BB&T	16	176.727
12	1	Jamie McMurray	Bass Pro Shops / National Wild Turkey Fed.	17	176.078
13	39	Ryan Newman	Haas Automation	10	176.062
14	00	David Reutimann	Aaron's Dream Machine	3	175.984
15	29	Kevin Harvick	Realtree Outfitters / Budweiser	9	175.773
16	42	Juan Pablo Montoya	Energizer	12	175.629
17	78	Regan Smith	Furniture Row	20	175.573
18	2	Brad Keselowski	Miller Lite	18	175.524
19	6	David Ragan	UPS	8	175.448
20	25	Mark Martin	Farmers Insurance Group	19	175.415
21	88	Dale Earnhardt Jr.	AMP Energy Super Free / National Guard	14	147.055



Green Flag Passes

Drivers with the most passes during green flag conditions in the race.

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Rk.	Car Number	Driver	Team	Finish Pos.	Green Flag Passes
1	22	Kurt Busch	Shell / Pennzoil	13	63
2	5	Jimmie Johnson	Lowe's 5% Every Day	11	56
3	17	Matt Kenseth	Crown Royal	6	46
4	00	David Reutimann	Aaron's Dream Machine	3	45
5	29	Kevin Harvick	Realtree Outfitters / Budweiser	9	44
6	39	Ryan Newman	Haas Automation	10	43
7	24	Jeff Gordon	DuPont	15	38
t8	88	Dale Earnhardt Jr.	AMP Energy Super Free / National Guard	14	36
t8	42	Juan Pablo Montoya	Energizer	12	36
10	1	Jamie McMurray	Bass Pro Shops / National Wild Turkey Fed.	17	35
11	2	Brad Keselowski	Miller Lite	18	34
t12	33	Clint Bowyer	BB&T	16	33
t12	6	David Ragan	UPS	8	33
14	11	Denny Hamlin	FedEx Express	7	32
15	25	Mark Martin	Farmers Insurance Group	19	27
t16	16	Greg Biffle	3M	5	26
t16	14	Tony Stewart	Burger King	4	26
18	99	Carl Edwards	Aflac Now Hiring	1	21
19	78	Regan Smith	Furniture Row	20	17
20	18	Kyle Busch	M&M's	2	14
21	4	Kasey Kahne	Red Bull	21	9



Green Flag Speed

Fastest drivers during green flag conditions in the race.

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Rk.	Car Number	Driver	Team	Finish Pos.	Green Flag Speed
1	99	Carl Edwards	Aflac Now Hiring	1	184.173
2	16	Greg Biffle	3M	5	183.722
3	18	Kyle Busch	M&M's	2	183.557
4	14	Tony Stewart	Burger King	4	183.124
5	17	Matt Kenseth	Crown Royal	6	182.883
6	5	Jimmie Johnson	Lowe's 5% Every Day	11	182.818
7	24	Jeff Gordon	DuPont	15	182.480
8	00	David Reutimann	Aaron's Dream Machine	3	182.461
9	11	Denny Hamlin	FedEx Express	7	181.729
10	33	Clint Bowyer	BB&T	16	181.619
11	39	Ryan Newman	Haas Automation	10	181.477
12	6	David Ragan	UPS	8	181.420
13	29	Kevin Harvick	Realtree Outfitters / Budweiser	9	181.020
14	42	Juan Pablo Montoya	Energizer	12	181.017
15	88	Dale Earnhardt Jr.	AMP Energy Super Free / National Guard	14	181.000
16	1	Jamie McMurray	Bass Pro Shops / National Wild Turkey Fed.	17	180.790
17	22	Kurt Busch	Shell / Pennzoil	13	180.542
18	2	Brad Keselowski	Miller Lite	18	180.241



Laps in Top 15

The number of laps that a driver was within the top 15 positions in the race.

Laps in Race: 100

NASCAR Sprint All-Star Race

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Rk.	Car Number	Driver	Team	Percentage of Laps in Top 15	Finish Pos.	Laps in Top 15
t1	16	Greg Biffle	3M	100.0	5	100
t1	18	Kyle Busch	M&M's	100.0	2	100
t1	99	Carl Edwards	Aflac Now Hiring	100.0	1	100
t1	14	Tony Stewart	Burger King	100.0	4	100
t5	24	Jeff Gordon	DuPont	97.0	15	97
t5	17	Matt Kenseth	Crown Royal	97.0	6	97
7	5	Jimmie Johnson	Lowe's 5% Every Day	95.0	11	95
8	00	David Reutimann	Aaron's Dream Machine	91.0	3	91
9	39	Ryan Newman	Haas Automation	90.0	10	90
10	11	Denny Hamlin	FedEx Express	78.0	7	78
t11	33	Clint Bowyer	BB&T	77.0	16	77
t11	1	Jamie McMurray	Bass Pro Shops / National Wild Turkey Fe	77.0	17	77
13	42	Juan Pablo Montoya	Energizer	66.0	12	66
14	25	Mark Martin	Farmers Insurance Group	65.0	19	65
15	22	Kurt Busch	Shell / Pennzoil	62.0	13	62
16	4	Kasey Kahne	Red Bull	58.0	21	58
17	6	David Ragan	UPS	47.0	8	47
18	29	Kevin Harvick	Realtree Outfitters / Budweiser	45.0	9	45
19	88	Dale Earnhardt Jr.	AMP Energy Super Free / National Guard	31.0	14	31
20	78	Regan Smith	Furniture Row	23.0	20	23
21	2	Brad Keselowski	Miller Lite	1.0	18	1



Laps Led

Number of laps the driver led in the race.
Laps in Race: 100

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Rk.	Car Number	Driver	Team	Percent of Laps Led	Finish Pos.	Laps Led
1	16	Greg Biffle	3M	46.0	5	46
2	99	Carl Edwards	Aflac Now Hiring	29.0	1	29
3	18	Kyle Busch	M&M's	19.0	2	19
4	5	Jimmie Johnson	Lowe's 5% Every Day	6.0	11	6



Quality Passes

Passing a car running in the Top 15 while under a green flag.

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Rk.	Car Number	Driver	Team	Finish Pos.	Quality Passes
1	5	Jimmie Johnson	Lowe's 5% Every Day	11	50
t2	17	Matt Kenseth	Crown Royal	6	44
t2	00	David Reutimann	Aaron's Dream Machine	3	44
4	22	Kurt Busch	Shell / Pennzoil	13	43
5	24	Jeff Gordon	DuPont	15	35
6	29	Kevin Harvick	Realtree Outfitters / Budweiser	9	34
7	39	Ryan Newman	Haas Automation	10	29
8	1	Jamie McMurray	Bass Pro Shops / National Wild Turkey Fed.	17	28
t9	6	David Ragan	UPS	8	25
t9	14	Tony Stewart	Burger King	4	25
11	11	Denny Hamlin	FedEx Express	7	24
12	33	Clint Bowyer	BB&T	16	23
13	16	Greg Biffle	3M	5	21
14	88	Dale Earnhardt Jr.	AMP Energy Super Free / National Guard	14	20
t15	99	Carl Edwards	Aflac Now Hiring	1	17
t15	25	Mark Martin	Farmers Insurance Group	19	17
t15	78	Regan Smith	Furniture Row	20	17
18	2	Brad Keselowski	Miller Lite	18	15
19	42	Juan Pablo Montoya	Energizer	12	14
20	18	Kyle Busch	M&M's	2	12
21	4	Kasey Kahne	Red Bull	21	9



Speed In Traffic

Speed when there is another vehicle within one car length (green conditions only).

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Rk.	Car Number	Driver	Team	Finish Pos.	Speed
1	99	Carl Edwards	Aflac Now Hiring	1	184.467
2	16	Greg Biffle	3M	5	183.465
3	18	Kyle Busch	M&M's	2	183.142
4	14	Tony Stewart	Burger King	4	183.130
5	4	Kasey Kahne	Red Bull	21	182.401
6	11	Denny Hamlin	FedEx Express	7	181.727
7	17	Matt Kenseth	Crown Royal	6	181.650
8	5	Jimmie Johnson	Lowe's 5% Every Day	11	181.615
9	00	David Reutimann	Aaron's Dream Machine	3	181.484
10	24	Jeff Gordon	DuPont	15	181.353
11	39	Ryan Newman	Haas Automation	10	180.664
12	6	David Ragan	UPS	8	180.452
13	29	Kevin Harvick	Realtree Outfitters / Budweiser	9	180.399
14	2	Brad Keselowski	Miller Lite	18	180.282
15	33	Clint Bowyer	BB&T	16	180.135
16	1	Jamie McMurray	Bass Pro Shops / National Wild Turkey Fed.	17	180.108
17	22	Kurt Busch	Shell / Pennzoil	13	179.923
18	88	Dale Earnhardt Jr.	AMP Energy Super Free / National Guard	14	179.755
19	42	Juan Pablo Montoya	Energizer	12	179.571
20	78	Regan Smith	Furniture Row	20	179.317
21	25	Mark Martin	Farmers Insurance Group	19	179.201