



Loop Data Statistics  
**Post-Race Report**

Pure Michigan 400  
August 19, 2012

## Average Running Position

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

Pure Michigan 400  
Michigan International Speedway  
August 19, 2012

Rk.	Car Number	Driver	Team	Finish Pos.	Average Place
1	56	Martin Truex Jr.	NAPA Auto Parts	10	6.831
2	2	Brad Keselowski	Miller Lite	2	6.950
3	99	Carl Edwards	Geek Squad	6	7.950
4	5	Kasey Kahne	Farmers Insurance	3	8.557
5	16	Greg Biffle	3M	1	8.846
6	15	Clint Bowyer	5-hour Energy	7	8.935
7	17	Matt Kenseth	Fifth Third Bank	17	9.468
8	27	Paul Menard	Menards / Pittsburgh Paints	9	9.587
9	48	Jimmie Johnson	Lowe's	27	9.900
10	9	Marcos Ambrose	Stanley	5	12.428
11	88	Dale Earnhardt Jr.	National Guard / Diet Mountain Dew	4	12.701
12	22	Sam Hornish Jr.	Shell Pennzoil	12	13.090
13	39	Ryan Newman	WIX	8	14.025
14	11	Denny Hamlin	FedEx Office	11	14.149
15	21	Trevor Bayne	Motorcraft / Quick Lane Tire & Auto Center	24	14.453
16	29	Kevin Harvick	Jimmy John's	16	16.443
17	18	Kyle Busch	Interstate Batteries	13	16.547
18	1	Jamie McMurray	Bass Pro Shops / Mercury	14	19.229
19	31	Jeff Burton	Wheaties	19	19.483
20	83	Landon Cassill	Burger King / Dr Pepper	25	19.582
21	43	Aric Almirola	Eckrich	20	19.602
22	24	Jeff Gordon	Drive to End Hunger / AARP	28	21.423
23	93	Travis Kvapil	Burger King / Dr Pepper	15	22.592
24	38	David Gilliland	Taco Bell	18	23.413
25	42	Juan Pablo Montoya	Target	26	23.567
26	51	Kurt Busch	Hendrickcars.com	30	24.020
27	55	Mark Martin	Aaron's Dream Machine	35	24.333
28	78	Regan Smith	Furniture Row / Farm American	29	25.030
29	10	David Reutimann	TMone.com	21	25.935
30	34	David Ragan	Long John Silver's	23	26.144
31	20	Joey Logano	The Home Depot	31	26.662
32	14	Tony Stewart	MOBIL 1 / Office Depot	32	27.219
33	47	Bobby Labonte	Clorox	22	27.269
34	32	T.J. Bell	Southern Pride Trucking / U.S. Chrome	33	32.035
35	30	David Stremme	Inception Motorsports	34	33.622
36	13	Casey Mears	GEICO	37	36.119
37	87	Joe Nemechek	AM/FM Energy Wood & Pellet Stoves	36	36.189
38	36	Dave Blaney	Tommy Baldwin Racing	38	37.279
39	98	Mike Skinner	Phil Parsons Racing	39	38.940
40	26	Josh Wise	MDS Transport	40	40.030
41	23	Scott Riggs	North Texas Pipe	41	40.861
42	91	Reed Sorenson	Plinker Tactical	42	41.940
43	19	Jason Leffler	Plinker Tactical	43	42.612



# Box Score

Pure Michigan 400  
Michigan International Speedway  
August 19, 2012

Green Flag Passes for the Lead: 27

Car No.	Driver	Start	Mid Race	20 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	% of Laps Led	% of Laps Led	Total Laps	Driver Rating	Pts
16	Greg Biffle	13	2	8	1	1	30	9	17	128	111	77	60.2	28	174	86.6	26	12.9	201	120.6	47
2	Brad Keselowski	19	12	4	2	1	17	7	10	80	70	63	78.8	6	200	99.5	17	8.5	201	112.4	43
5	Kasey Kahne	5	14	6	3	2	26	9	13	94	81	57	60.6	27	172	85.6	0	.0	201	114.2	41
88	Dale Earnhardt Jr.	22	10	7	4	1	42	13	11	110	99	60	54.5	3	134	66.7	25	12.4	201	96.1	41
9	Marcos Ambrose	8	13	10	5	2	33	12	-11	98	109	55	56.1	7	126	62.7	0	.0	201	95.3	39
99	Carl Edwards	2	6	9	6	1	30	8	3	108	105	67	62.0	7	182	90.5	1	.5	201	111.7	39
15	Clint Bowyer	12	16	13	7	1	22	9	-1	86	87	55	64.0	4	164	81.6	19	9.5	201	102.6	38
39	Ryan Newman	15	18	15	8	5	25	14	-1	112	113	58	51.8	0	129	64.2	0	.0	201	84.2	36
27	Paul Menard	10	7	1	9	1	25	10	18	100	82	65	65.0	0	163	81.1	8	4.0	201	101.2	36
56	Martin Truex Jr.	7	1	11	10	1	26	7	-3	95	98	67	70.5	12	184	91.5	12	6.0	201	114.1	35
11	Denny Hamlin	21	9	16	11	1	28	14	3	111	108	53	47.7	2	119	59.2	1	.5	201	85.4	34
22	Sam Hornish Jr.	17	3	12	12	1	41	13	17	127	110	68	53.5	8	132	65.7	9	4.5	201	89.8	0
18	Kyle Busch	23	17	14	13	5	30	17	-6	117	123	44	37.6	0	75	37.3	0	.0	201	76.5	31
1	Jamie McMurray	24	27	17	14	4	35	19	-3	108	111	33	30.6	2	36	17.9	0	.0	201	77.1	30
93	Travis Kvapil	30	21	3	15	2	40	23	5	110	105	35	31.8	1	38	18.9	0	.0	201	64.6	29
29	Kevin Harvick	20	5	23	16	4	28	16	-7	84	91	25	29.8	0	71	35.3	0	.0	201	78.8	28
17	Matt Kenseth	4	4	18	17	1	25	9	-8	71	79	43	60.6	9	135	67.2	5	2.5	201	106.9	28
38	David Gilliland	36	23	19	18	4	43	23	32	103	71	28	27.2	1	29	14.4	0	.0	201	57.0	26
31	Jeff Burton	32	22	21	19	6	33	19	-8	106	114	26	24.5	0	40	19.9	0	.0	201	66.2	25
43	Aric Almirola	41	19	20	20	2	43	20	-10	110	120	34	30.9	0	58	28.9	0	.0	201	67.2	24
10	David Reutimann	39	26	24	21	5	36	26	1	67	66	14	20.9	2	11	5.5	0	.0	200	49.6	23
47	Bobby Labonte	28	28	25	22	20	36	27	2	41	39	0	.0	0	0	.0	0	.0	199	53.0	22
34	David Ragan	37	25	26	23	17	38	26	-13	40	53	0	.0	0	0	.0	0	.0	199	46.9	21
21	Trevor Bayne	6	8	22	24	2	31	14	-16	100	116	46	46.0	0	128	63.7	0	.0	199	78.2	0





# Box Score

Pure Michigan 400  
Michigan International Speedway  
August 19, 2012

Car No.	Driver	Start	Mid Race	20 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	% of Laps Led	% of Laps Led	Total Laps	Driver Rating	Pts
83	Landon Cassill	9	24	2	25	1	32	20	-6	85	91	28	32.9	1	43	21.4	1	.5	198	63.3	20
42	Juan Pablo Montoya	25	15	27	26	4	41	24	-3	72	75	24	33.3	4	39	19.4	0	.0	197	55.6	18
48	Jimmie Johnson	3	11	5	27	1	40	10	22	104	82	54	51.9	25	155	77.1	23	11.4	195	92.0	18
24	Jeff Gordon	11	30	28	28	4	30	21	-5	50	55	28	56.0	0	78	38.8	0	.0	167	64.3	16
78	Regan Smith	18	33	30	29	11	33	25	6	44	38	13	29.5	0	56	27.9	0	.0	154	63.3	15
51	Kurt Busch	26	20	29	30	2	38	24	-1	65	66	13	20.0	0	19	9.5	0	.0	135	56.2	14
20	Joey Logano	16	31	31	31	9	38	27	-17	45	62	12	26.7	0	14	7.0	0	.0	132	52.5	13
14	Tony Stewart	14	32	32	32	10	34	27	-16	31	47	13	41.9	0	39	19.4	0	.0	109	54.6	12
32	T.J. Bell	40	29	33	33	22	39	32	0	36	36	0	.0	0	0	.0	0	.0	108	35.6	0
30	David Stremme	31	34	34	34	12	42	34	7	46	39	8	17.4	0	6	3.0	0	.0	72	38.5	10
55	Mark Martin	1	35	35	35	1	35	24	0	12	12	11	91.7	17	64	31.8	54	26.9	64	107.5	11
87	Joe Nemechek	35	36	36	36	24	41	36	11	25	14	0	.0	0	0	.0	0	.0	38	33.5	0
13	Casey Mears	29	37	37	37	9	38	36	8	35	27	7	20.0	0	1	.5	0	.0	36	38.2	7
36	Dave Blaney	42	38	38	38	26	40	37	2	9	7	0	.0	0	0	.0	0	.0	34	36.6	6
98	Mike Skinner	43	39	39	39	35	43	39	9	9	0	0	.0	0	0	.0	0	.0	25	35.7	5
26	Josh Wise	34	40	40	40	28	43	40	-3	8	11	0	.0	0	0	.0	0	.0	21	35.8	4
23	Scott Riggs	38	41	41	41	34	42	41	-2	2	4	0	.0	0	0	.0	0	.0	20	30.4	3
91	Reed Sorenson	27	42	42	42	23	43	42	0	2	2	0	.0	0	0	.0	0	.0	15	30.4	0
19	Jason Leffler	33	43	43	43	29	43	43	1	8	7	0	.0	1	0	.0	0	.0	14	31.5	0





## Box Score Glossary

Car No.	Driver	Mid Start	20 Laps Race	20 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
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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 (20 laps) of the race.

### Pure Michigan 400 Michigan International Speedway August 19, 2012

Rk.	Car Number	Driver	Team	20 Laps To Go	Finish Pos.	Pos Gained
t1	16	Greg Biffle	3M	8	1	7
t1	29	Kevin Harvick	Jimmy John's	23	16	7
t1	39	Ryan Newman	WIX	15	8	7
4	15	Clint Bowyer	5-hour Energy	13	7	6
t5	9	Marcos Ambrose	Stanley	10	5	5
t5	11	Denny Hamlin	FedEx Office	16	11	5
t7	88	Dale Earnhardt Jr.	National Guard / Diet Mountain Dew	7	4	3
t7	99	Carl Edwards	Geek Squad	9	6	3
t7	5	Kasey Kahne	Farmers Insurance	6	3	3
t7	47	Bobby Labonte	Clorox	25	22	3
t7	1	Jamie McMurray	Bass Pro Shops / Mercury	17	14	3
t7	34	David Ragan	Long John Silver's	26	23	3
t7	10	David Reutimann	TMone.com	24	21	3
t14	31	Jeff Burton	Wheaties	21	19	2
t14	2	Brad Keselowski	Miller Lite	4	2	2
t16	18	Kyle Busch	Interstate Batteries	14	13	1
t16	38	David Gilliland	Taco Bell	19	18	1
t16	17	Matt Kenseth	Fifth Third Bank	18	17	1
t16	42	Juan Pablo Montoya	Target	27	26	1
t16	78	Regan Smith	Furniture Row / Farm American	30	29	1
t16	56	Martin Truex Jr.	NAPA Auto Parts	11	10	1
t22	43	Aric Almirola	Eckrich	20	20	0
t22	32	T.J. Bell	Southern Pride Trucking / U.S. Chrome	33	33	0
t22	36	Dave Blaney	Tommy Baldwin Racing	38	38	0
t22	24	Jeff Gordon	Drive to End Hunger / AARP	28	28	0
t22	22	Sam Hornish Jr.	Shell Pennzoil	12	12	0
t22	19	Jason Leffler	Plinker Tactical	43	43	0
t22	20	Joey Logano	The Home Depot	31	31	0
t22	55	Mark Martin	Aaron's Dream Machine	35	35	0
t22	13	Casey Mears	GEICO	37	37	0
t22	87	Joe Nemechek	AM/FM Energy Wood & Pellet Stoves	36	36	0
t22	23	Scott Riggs	North Texas Pipe	41	41	0
t22	98	Mike Skinner	Phil Parsons Racing	39	39	0
t22	91	Reed Sorenson	Plinker Tactical	42	42	0
t22	14	Tony Stewart	MOBIL 1 / Office Depot	32	32	0
t22	30	David Stremme	Inception Motorsports	34	34	0
t22	26	Josh Wise	MDS Transport	40	40	0
38	51	Kurt Busch	Hendrickcars.com	29	30	-1
39	21	Trevor Bayne	Motorcraft / Quick Lane Tire & Auto Center	22	24	-2
40	27	Paul Menard	Menards / Pittsburgh Paints	1	9	-8
41	93	Travis Kvapil	Burger King / Dr Pepper	3	15	-12
42	48	Jimmie Johnson	Lowe's	5	27	-22
43	83	Landon Cassill	Burger King / Dr Pepper	2	25	-23

Provided by STATS LLC and NASCAR - Wednesday, August 22, 2012





# 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.

## Pure Michigan 400 Michigan International Speedway August 19, 2012

Rk.	Car Number	Driver	Team	Finish Pos.	Driver Rating
1	16	Greg Biffle	3M	1	120.6
2	5	Kasey Kahne	Farmers Insurance	3	114.2
3	56	Martin Truex Jr.	NAPA Auto Parts	10	114.1
4	2	Brad Keselowski	Miller Lite	2	112.4
5	99	Carl Edwards	Geek Squad	6	111.7
6	55	Mark Martin	Aaron's Dream Machine	35	107.5
7	17	Matt Kenseth	Fifth Third Bank	17	106.9
8	15	Clint Bowyer	5-hour Energy	7	102.6
9	27	Paul Menard	Menards / Pittsburgh Paints	9	101.2
10	88	Dale Earnhardt Jr.	National Guard / Diet Mountain Dew	4	96.1
11	9	Marcos Ambrose	Stanley	5	95.3
12	48	Jimmie Johnson	Lowe's	27	92.0
13	22	Sam Hornish Jr.	Shell Pennzoil	12	89.8
14	11	Denny Hamlin	FedEx Office	11	85.4
15	39	Ryan Newman	WIX	8	84.2
16	29	Kevin Harvick	Jimmy John's	16	78.8
17	21	Trevor Bayne	Motorcraft / Quick Lane Tire & Auto Center	24	78.2
18	1	Jamie McMurray	Bass Pro Shops / Mercury	14	77.1
19	18	Kyle Busch	Interstate Batteries	13	76.5
20	43	Aric Almirola	Eckrich	20	67.2
21	31	Jeff Burton	Wheaties	19	66.2
22	93	Travis Kvapil	Burger King / Dr Pepper	15	64.6
23	24	Jeff Gordon	Drive to End Hunger / AARP	28	64.3
t24	83	Landon Cassill	Burger King / Dr Pepper	25	63.3
t24	78	Regan Smith	Furniture Row / Farm American	29	63.3
26	38	David Gilliland	Taco Bell	18	57.0
27	51	Kurt Busch	Hendrickcars.com	30	56.2
28	42	Juan Pablo Montoya	Target	26	55.6
29	14	Tony Stewart	MOBIL 1 / Office Depot	32	54.6
30	47	Bobby Labonte	Clorox	22	53.0
31	20	Joey Logano	The Home Depot	31	52.5
32	10	David Reutimann	TMone.com	21	49.6
33	34	David Ragan	Long John Silver's	23	46.9
34	30	David Stremme	Inception Motorsports	34	38.5
35	13	Casey Mears	GEICO	37	38.2
36	36	Dave Blaney	Tommy Baldwin Racing	38	36.6
37	26	Josh Wise	MDS Transport	40	35.8
38	98	Mike Skinner	Phil Parsons Racing	39	35.7
39	32	T.J. Bell	Southern Pride Trucking / U.S. Chrome	33	35.6
40	87	Joe Nemechek	AM/FM Energy Wood & Pellet Stoves	36	33.5
41	19	Jason Leffler	Plinker Tactical	43	31.5
t42	23	Scott Riggs	North Texas Pipe	41	30.4
t42	91	Reed Sorenson	Plinker Tactical	42	30.4



## 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.

### Pure Michigan 400 Michigan International Speedway August 19, 2012

Rk.	Car Number	Driver	Team	Finish Pos.	Laps Completed	Speed
1	56	Martin Truex Jr.	NAPA Auto Parts	10	201	192.253
2	5	Kasey Kahne	Farmers Insurance	3	201	192.171
3	16	Greg Biffle	3M	1	201	191.644
4	99	Carl Edwards	Geek Squad	6	201	191.102
5	27	Paul Menard	Menards / Pittsburgh Paints	9	201	190.674
6	17	Matt Kenseth	Fifth Third Bank	17	201	190.624
7	15	Clint Bowyer	5-hour Energy	7	201	190.592
8	9	Marcos Ambrose	Stanley	5	201	190.578
9	2	Brad Keselowski	Miller Lite	2	201	190.431
10	11	Denny Hamlin	FedEx Office	11	201	189.950
11	18	Kyle Busch	Interstate Batteries	13	201	189.934
12	39	Ryan Newman	WIX	8	201	189.871
13	1	Jamie McMurray	Bass Pro Shops / Mercury	14	201	189.811
14	88	Dale Earnhardt Jr.	National Guard / Diet Mountain Dew	4	201	189.782
15	29	Kevin Harvick	Jimmy John's	16	201	189.703
16	22	Sam Hornish Jr.	Shell Pennzoil	12	201	189.491
17	31	Jeff Burton	Wheaties	19	201	189.019
18	43	Aric Almirola	Eckrich	20	201	188.913
19	21	Trevor Bayne	Motorcraft / Quick Lane Tire & Auto Cent	24	199	188.566
20	38	David Gilliland	Taco Bell	18	201	187.642
21	83	Landon Cassill	Burger King / Dr Pepper	25	198	187.334
22	47	Bobby Labonte	Clorox	22	199	187.267
23	42	Juan Pablo Montoya	Target	26	197	187.242
24	93	Travis Kvapil	Burger King / Dr Pepper	15	201	187.222
25	34	David Ragan	Long John Silver's	23	199	186.694
26	10	David Reutimann	TMone.com	21	200	186.223





## 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.

### Pure Michigan 400 Michigan International Speedway August 19, 2012

Rk.	Car Number	Driver	Team	Finish Pos.	Laps Completed	Speed
1	16	Greg Biffle	3M	1	201	191.698
2	22	Sam Hornish Jr.	Shell Pennzoil	12	201	191.190
3	99	Carl Edwards	Geek Squad	6	201	190.711
4	17	Matt Kenseth	Fifth Third Bank	17	201	190.688
5	88	Dale Earnhardt Jr.	National Guard / Diet Mountain Dew	4	201	190.625
6	5	Kasey Kahne	Farmers Insurance	3	201	190.570
7	2	Brad Keselowski	Miller Lite	2	201	190.459
8	56	Martin Truex Jr.	NAPA Auto Parts	10	201	190.402
9	9	Marcos Ambrose	Stanley	5	201	190.027
10	27	Paul Menard	Menards / Pittsburgh Paints	9	201	189.927
11	15	Clint Bowyer	5-hour Energy	7	201	189.583
12	29	Kevin Harvick	Jimmy John's	16	201	189.280
13	11	Denny Hamlin	FedEx Office	11	201	189.185
14	1	Jamie McMurray	Bass Pro Shops / Mercury	14	201	189.098
15	21	Trevor Bayne	Motorcraft / Quick Lane Tire & Auto Center	24	199	188.988
16	39	Ryan Newman	WIX	8	201	188.919
17	18	Kyle Busch	Interstate Batteries	13	201	188.741
18	31	Jeff Burton	Wheaties	19	201	188.457
19	83	Landon Cassill	Burger King / Dr Pepper	25	198	188.393
20	43	Aric Almirola	Eckrich	20	201	188.363
21	42	Juan Pablo Montoya	Target	26	197	187.307
22	47	Bobby Labonte	Clorox	22	199	187.168
23	93	Travis Kvapil	Burger King / Dr Pepper	15	201	187.094
24	38	David Gilliland	Taco Bell	18	201	186.581
25	10	David Reutimann	TMone.com	21	200	186.134
26	34	David Ragan	Long John Silver's	23	199	185.186



## Fastest Laps Run

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

Green Flag Laps in Race: 159

### Pure Michigan 400 Michigan International Speedway August 19, 2012

Rk.	Car Number	Driver	Team	Percent of Fastest Laps	Finish Pos.	Total Fastest Laps
1	16	Greg Biffle	3M	17.6	1	28
2	5	Kasey Kahne	Farmers Insurance	17.0	3	27
3	48	Jimmie Johnson	Lowe's	15.7	27	25
4	55	Mark Martin	Aaron's Dream Machine	10.7	35	17
5	56	Martin Truex Jr.	NAPA Auto Parts	7.5	10	12
6	17	Matt Kenseth	Fifth Third Bank	5.7	17	9
7	22	Sam Hornish Jr.	Shell Pennzoil	5.0	12	8
t8	9	Marcos Ambrose	Stanley	4.4	5	7
t8	99	Carl Edwards	Geek Squad	4.4	6	7
10	2	Brad Keselowski	Miller Lite	3.8	2	6
t11	15	Clint Bowyer	5-hour Energy	2.5	7	4
t11	42	Juan Pablo Montoya	Target	2.5	26	4
13	88	Dale Earnhardt Jr.	National Guard / Diet Mountain Dew	1.9	4	3
t14	11	Denny Hamlin	FedEx Office	1.3	11	2
t14	1	Jamie McMurray	Bass Pro Shops / Mercury	1.3	14	2
t14	10	David Reutimann	TMone.com	1.3	21	2
t17	83	Landon Cassill	Burger King / Dr Pepper	.6	25	1
t17	38	David Gilliland	Taco Bell	.6	18	1
t17	93	Travis Kvapil	Burger King / Dr Pepper	.6	15	1
t17	19	Jason Leffler	Plinker Tactical	.6	43	1



## Fastest on Restarts

Average speed of first two laps under green.

### Pure Michigan 400 Michigan International Speedway August 19, 2012

Rk.	Car Number	Driver	Team	Finish Pos.	Average Speed
1	55	Mark Martin	Aaron's Dream Machine	35	188.069
2	56	Martin Truex Jr.	NAPA Auto Parts	10	185.012
3	16	Greg Biffle	3M	1	184.852
4	2	Brad Keselowski	Miller Lite	2	184.796
5	48	Jimmie Johnson	Lowe's	27	184.328
6	15	Clint Bowyer	5-hour Energy	7	184.122
7	5	Kasey Kahne	Farmers Insurance	3	184.015
8	99	Carl Edwards	Geek Squad	6	184.000
9	88	Dale Earnhardt Jr.	National Guard / Diet Mountain Dew	4	183.785
10	27	Paul Menard	Menards / Pittsburgh Paints	9	182.452
11	29	Kevin Harvick	Jimmy John's	16	182.413
12	22	Sam Hornish Jr.	Shell Pennzoil	12	182.390
13	9	Marcos Ambrose	Stanley	5	182.349
14	1	Jamie McMurray	Bass Pro Shops / Mercury	14	181.622
15	39	Ryan Newman	WIX	8	181.525
16	11	Denny Hamlin	FedEx Office	11	180.883
17	21	Trevor Bayne	Motorcraft / Quick Lane Tire & Auto Center	24	180.684
18	31	Jeff Burton	Wheaties	19	180.584
19	51	Kurt Busch	Hendrickcars.com	30	180.505
20	18	Kyle Busch	Interstate Batteries	13	180.344
21	98	Mike Skinner	Phil Parsons Racing	39	180.184
22	38	David Gilliland	Taco Bell	18	180.045
23	47	Bobby Labonte	Clorox	22	179.817
24	78	Regan Smith	Furniture Row / Farm American	29	179.734
25	43	Aric Almirola	Eckrich	20	179.713
26	93	Travis Kvapil	Burger King / Dr Pepper	15	179.551
27	30	David Stremme	Inception Motorsports	34	179.341
28	34	David Ragan	Long John Silver's	23	179.311
29	10	David Reutimann	TMone.com	21	178.866
30	32	T.J. Bell	Southern Pride Trucking / U.S. Chrome	33	178.758
31	23	Scott Riggs	North Texas Pipe	41	178.625
32	87	Joe Nemechek	AM/FM Energy Wood & Pellet Stoves	36	178.518
33	36	Dave Blaney	Tommy Baldwin Racing	38	178.421
34	26	Josh Wise	MDS Transport	40	178.388
35	19	Jason Leffler	Plinker Tactical	43	178.378
36	13	Casey Mears	GEICO	37	177.646
37	24	Jeff Gordon	Drive to End Hunger / AARP	28	176.895
38	91	Reed Sorenson	Plinker Tactical	42	176.877
39	20	Joey Logano	The Home Depot	31	175.349
40	42	Juan Pablo Montoya	Target	26	174.576
41	83	Landon Cassill	Burger King / Dr Pepper	25	174.063
42	17	Matt Kenseth	Fifth Third Bank	17	173.125
43	14	Tony Stewart	MOBIL 1 / Office Depot	32	153.593

Provided by STATS LLC and NASCAR - Wednesday, August 22, 2012



## Green Flag Passes

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

### Pure Michigan 400 Michigan International Speedway August 19, 2012

Rk.	Car Number	Driver	Team	Finish Pos.	Green Flag Passes
1	16	Greg Biffle	3M	1	128
2	22	Sam Hornish Jr.	Shell Pennzoil	12	127
3	18	Kyle Busch	Interstate Batteries	13	117
4	39	Ryan Newman	WIX	8	112
5	11	Denny Hamlin	FedEx Office	11	111
t6	43	Aric Almirola	Eckrich	20	110
t6	88	Dale Earnhardt Jr.	National Guard / Diet Mountain Dew	4	110
t6	93	Travis Kvapil	Burger King / Dr Pepper	15	110
t9	99	Carl Edwards	Geek Squad	6	108
t9	1	Jamie McMurray	Bass Pro Shops / Mercury	14	108
11	31	Jeff Burton	Wheaties	19	106
12	48	Jimmie Johnson	Lowe's	27	104
13	38	David Gilliland	Taco Bell	18	103
t14	21	Trevor Bayne	Motorcraft / Quick Lane Tire & Auto Center	24	100
t14	27	Paul Menard	Menards / Pittsburgh Paints	9	100
16	9	Marcos Ambrose	Stanley	5	98
17	56	Martin Truex Jr.	NAPA Auto Parts	10	95
18	5	Kasey Kahne	Farmers Insurance	3	94
19	15	Clint Bowyer	5-hour Energy	7	86
20	83	Landon Cassill	Burger King / Dr Pepper	25	85
21	29	Kevin Harvick	Jimmy John's	16	84
22	2	Brad Keselowski	Miller Lite	2	80
23	42	Juan Pablo Montoya	Target	26	72
24	17	Matt Kenseth	Fifth Third Bank	17	71
25	10	David Reutimann	TMone.com	21	67
26	51	Kurt Busch	Hendrickcars.com	30	65
27	24	Jeff Gordon	Drive to End Hunger / AARP	28	50
28	30	David Stremme	Inception Motorsports	34	46
29	20	Joey Logano	The Home Depot	31	45
30	78	Regan Smith	Furniture Row / Farm American	29	44
31	47	Bobby Labonte	Clorox	22	41
32	34	David Ragan	Long John Silver's	23	40
33	32	T.J. Bell	Southern Pride Trucking / U.S. Chrome	33	36
34	13	Casey Mears	GEICO	37	35
35	14	Tony Stewart	MOBIL 1 / Office Depot	32	31
36	87	Joe Nemechek	AM/FM Energy Wood & Pellet Stoves	36	25
37	55	Mark Martin	Aaron's Dream Machine	35	12
t38	36	Dave Blaney	Tommy Baldwin Racing	38	9
t38	98	Mike Skinner	Phil Parsons Racing	39	9
t40	19	Jason Leffler	Plinker Tactical	43	8
t40	26	Josh Wise	MDS Transport	40	8
t42	23	Scott Riggs	North Texas Pipe	41	2
t42	91	Reed Sorenson	Plinker Tactical	42	2



## Green Flag Speed

Fastest drivers during green flag conditions in the race.

Pure Michigan 400  
Michigan International Speedway  
August 19, 2012

Rk.	Car Number	Driver	Team	Finish Pos.	Green Flag Speed
1	16	Greg Biffle	3M	1	191.383
2	56	Martin Truex Jr.	NAPA Auto Parts	10	191.331
3	5	Kasey Kahne	Farmers Insurance	3	191.315
4	99	Carl Edwards	Geek Squad	6	191.155
5	17	Matt Kenseth	Fifth Third Bank	17	191.010
6	2	Brad Keselowski	Miller Lite	2	190.629
7	15	Clint Bowyer	5-hour Energy	7	190.299
8	27	Paul Menard	Menards / Pittsburgh Paints	9	190.212
9	22	Sam Hornish Jr.	Shell Pennzoil	12	190.192
10	9	Marcos Ambrose	Stanley	5	190.130
11	88	Dale Earnhardt Jr.	National Guard / Diet Mountain Dew	4	190.075
12	11	Denny Hamlin	FedEx Office	11	189.507
13	29	Kevin Harvick	Jimmy John's	16	189.374
14	1	Jamie McMurray	Bass Pro Shops / Mercury	14	189.367
15	39	Ryan Newman	WIX	8	189.305
16	18	Kyle Busch	Interstate Batteries	13	189.124
17	21	Trevor Bayne	Motorcraft / Quick Lane Tire & Auto Center	24	189.115
18	43	Aric Almirola	Eckrich	20	188.601
19	31	Jeff Burton	Wheaties	19	188.465
20	83	Landon Cassill	Burger King / Dr Pepper	25	187.860
21	42	Juan Pablo Montoya	Target	26	187.393
22	47	Bobby Labonte	Clorox	22	187.312
23	93	Travis Kvapil	Burger King / Dr Pepper	15	187.095
24	38	David Gilliland	Taco Bell	18	186.929
25	10	David Reutimann	TMone.com	21	186.221
26	34	David Ragan	Long John Silver's	23	185.929



## Laps in Top 15

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

Laps in Race: 201

### Pure Michigan 400 Michigan International Speedway August 19, 2012

Rk.	Car Number	Driver	Team	Percentage of Laps in Top 15	Finish Pos.	Laps in Top 15
1	2	Brad Keselowski	Miller Lite	99.5	2	200
2	56	Martin Truex Jr.	NAPA Auto Parts	91.5	10	184
3	99	Carl Edwards	Geek Squad	90.5	6	182
4	16	Greg Biffle	3M	86.6	1	174
5	5	Kasey Kahne	Farmers Insurance	85.6	3	172
6	15	Clint Bowyer	5-hour Energy	81.6	7	164
7	27	Paul Menard	Menards / Pittsburgh Paints	81.1	9	163
8	48	Jimmie Johnson	Lowe's	77.1	27	155
9	17	Matt Kenseth	Fifth Third Bank	67.2	17	135
10	88	Dale Earnhardt Jr.	National Guard / Diet Mountain Dew	66.7	4	134
11	22	Sam Hornish Jr.	Shell Pennzoil	65.7	12	132
12	39	Ryan Newman	WIX	64.2	8	129
13	21	Trevor Bayne	Motorcraft / Quick Lane Tire & Auto Cent	63.7	24	128
14	9	Marcos Ambrose	Stanley	62.7	5	126
15	11	Denny Hamlin	FedEx Office	59.2	11	119
16	24	Jeff Gordon	Drive to End Hunger / AARP	38.8	28	78
17	18	Kyle Busch	Interstate Batteries	37.3	13	75
18	29	Kevin Harvick	Jimmy John's	35.3	16	71
19	55	Mark Martin	Aaron's Dream Machine	31.8	35	64
20	43	Aric Almirola	Eckrich	28.9	20	58
21	78	Regan Smith	Furniture Row / Farm American	27.9	29	56
22	83	Landon Cassill	Burger King / Dr Pepper	21.4	25	43
23	31	Jeff Burton	Wheaties	19.9	19	40
t24	42	Juan Pablo Montoya	Target	19.4	26	39
t24	14	Tony Stewart	MOBIL 1 / Office Depot	19.4	32	39
26	93	Travis Kvapil	Burger King / Dr Pepper	18.9	15	38
27	1	Jamie McMurray	Bass Pro Shops / Mercury	17.9	14	36
28	38	David Gilliland	Taco Bell	14.4	18	29
29	51	Kurt Busch	Hendrickcars.com	9.5	30	19
30	20	Joey Logano	The Home Depot	7.0	31	14
31	10	David Reutimann	TMone.com	5.5	21	11
32	30	David Stremme	Inception Motorsports	3.0	34	6
33	13	Casey Mears	GEICO	.5	37	1



## Laps Led

Number of laps the driver led in the race.  
Laps in Race: 201

### Pure Michigan 400 Michigan International Speedway August 19, 2012

Rk.	Car Number	Driver	Team	Percent of Laps Led	Finish Pos.	Laps Led
1	55	Mark Martin	Aaron's Dream Machine	26.9	35	54
2	16	Greg Biffle	3M	12.9	1	26
3	88	Dale Earnhardt Jr.	National Guard / Diet Mountain Dew	12.4	4	25
4	48	Jimmie Johnson	Lowe's	11.4	27	23
5	15	Clint Bowyer	5-hour Energy	9.5	7	19
6	2	Brad Keselowski	Miller Lite	8.5	2	17
7	56	Martin Truex Jr.	NAPA Auto Parts	6.0	10	12
8	22	Sam Hornish Jr.	Shell Pennzoil	4.5	12	9
9	27	Paul Menard	Menards / Pittsburgh Paints	4.0	9	8
10	17	Matt Kenseth	Fifth Third Bank	2.5	17	5
t11	83	Landon Cassill	Burger King / Dr Pepper	.5	25	1
t11	99	Carl Edwards	Geek Squad	.5	6	1
t11	11	Denny Hamlin	FedEx Office	.5	11	1



## Quality Passes

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

### Pure Michigan 400 Michigan International Speedway August 19, 2012

Rk.	Car Number	Driver	Team	Finish Pos.	Quality Passes
1	16	Greg Biffle	3M	1	77
2	22	Sam Hornish Jr.	Shell Pennzoil	12	68
t3	99	Carl Edwards	Geek Squad	6	67
t3	56	Martin Truex Jr.	NAPA Auto Parts	10	67
5	27	Paul Menard	Menards / Pittsburgh Paints	9	65
6	2	Brad Keselowski	Miller Lite	2	63
7	88	Dale Earnhardt Jr.	National Guard / Diet Mountain Dew	4	60
8	39	Ryan Newman	WIX	8	58
9	5	Kasey Kahne	Farmers Insurance	3	57
t10	9	Marcos Ambrose	Stanley	5	55
t10	15	Clint Bowyer	5-hour Energy	7	55
12	48	Jimmie Johnson	Lowe's	27	54
13	11	Denny Hamlin	FedEx Office	11	53
14	21	Trevor Bayne	Motorcraft / Quick Lane Tire & Auto Center	24	46
15	18	Kyle Busch	Interstate Batteries	13	44
16	17	Matt Kenseth	Fifth Third Bank	17	43
17	93	Travis Kvapil	Burger King / Dr Pepper	15	35
18	43	Aric Almirola	Eckrich	20	34
19	1	Jamie McMurray	Bass Pro Shops / Mercury	14	33
t20	83	Landon Cassill	Burger King / Dr Pepper	25	28
t20	38	David Gilliland	Taco Bell	18	28
t20	24	Jeff Gordon	Drive to End Hunger / AARP	28	28
23	31	Jeff Burton	Wheaties	19	26
24	29	Kevin Harvick	Jimmy John's	16	25
25	42	Juan Pablo Montoya	Target	26	24
26	10	David Reutimann	TMone.com	21	14
t27	51	Kurt Busch	Hendrickcars.com	30	13
t27	78	Regan Smith	Furniture Row / Farm American	29	13
t27	14	Tony Stewart	MOBIL 1 / Office Depot	32	13
30	20	Joey Logano	The Home Depot	31	12
31	55	Mark Martin	Aaron's Dream Machine	35	11
32	30	David Stremme	Inception Motorsports	34	8
33	13	Casey Mears	GEICO	37	7





## Speed by Quarter

Difference between the Average Green Flag Speed of the Driver from the Field in each Quarter

Only includes drivers finishing within five laps of the leader.

### Pure Michigan 400 Michigan International Speedway August 19, 2012

Rk.	Car Number	Driver	Finish Pos.	Q1	Q2	Q3	Q4	Total
1	56	Martin Truex Jr.	10	<b>3.244</b>	<b>2.598</b>	2.076	1.424	2.369
2	16	Greg Biffle	1	1.732	2.540	<b>2.559</b>	2.752	2.362
3	5	Kasey Kahne	3	3.244	.700	1.917	2.667	2.219
4	99	Carl Edwards	6	2.274	2.530	1.327	2.178	2.069
5	17	Matt Kenseth	17	3.038	2.521	1.632	.865	2.038
6	2	Brad Keselowski	2	1.677	1.109	1.354	<b>2.906</b>	1.772
7	15	Clint Bowyer	7	1.889	1.622	.278	1.583	1.361
8	88	Dale Earnhardt Jr.	4	-.397	1.010	2.150	2.016	1.143
9	22	Sam Hornish Jr.	12	.054	2.463	1.469	.668	1.090
10	27	Paul Menard	9	1.986	1.110	.875	.183	1.068
11	9	Marcos Ambrose	5	.091	.558	1.245	2.184	.996
12	29	Kevin Harvick	16	.407	1.749	-.088	-.380	.388
13	11	Denny Hamlin	11	.479	.036	.260	.462	.324
14	1	Jamie McMurray	14	-.220	1.047	.835	-.269	.299
15	39	Ryan Newman	8	1.015	-.825	-.524	.925	.216
16	18	Kyle Busch	13	-.135	-.806	-.107	.710	-.068
17	21	Trevor Bayne	24	1.118	.168	-.250	-1.593	-.081
18	43	Aric Almirola	20	-.993	-1.208	-.011	-.294	-.620
19	31	Jeff Burton	19	-.645	-1.009	-.432	-.449	-.623
20	47	Bobby Labonte	22	-1.215	-1.640	-2.067	-1.962	-1.702
21	42	Juan Pablo Montoya	26	-1.194	-.768	-1.052	-4.534	-1.892
22	83	Landon Cassill	25	-.335	-1.740	-1.165	-4.843	-1.893
23	93	Travis Kvapil	15	-2.376	-1.952	-1.432	-1.997	-1.954
24	38	David Gilliland	18	-1.769	-2.370	-1.542	-2.377	-1.997
25	10	David Reutimann	21	-2.297	-2.740	-2.327	-3.787	-2.773
26	34	David Ragan	23	-2.013	-3.277	-3.718	-3.183	-2.998



## Speed In Traffic

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

### Pure Michigan 400 Michigan International Speedway August 19, 2012

Rk.	Car Number	Driver	Team	Finish Pos.	Speed
1	99	Carl Edwards	Geek Squad	6	189.650
2	5	Kasey Kahne	Farmers Insurance	3	189.279
3	16	Greg Biffle	3M	1	188.916
4	56	Martin Truex Jr.	NAPA Auto Parts	10	188.902
5	15	Clint Bowyer	5-hour Energy	7	188.695
6	2	Brad Keselowski	Miller Lite	2	188.605
7	17	Matt Kenseth	Fifth Third Bank	17	188.508
8	48	Jimmie Johnson	Lowe's	27	188.273
9	9	Marcos Ambrose	Stanley	5	187.960
10	55	Mark Martin	Aaron's Dream Machine	35	187.954
11	27	Paul Menard	Menards / Pittsburgh Paints	9	187.745
12	18	Kyle Busch	Interstate Batteries	13	187.729
13	22	Sam Hornish Jr.	Shell Pennzoil	12	187.705
14	39	Ryan Newman	WIX	8	187.687
15	11	Denny Hamlin	FedEx Office	11	187.177
16	88	Dale Earnhardt Jr.	National Guard / Diet Mountain Dew	4	187.048
17	29	Kevin Harvick	Jimmy John's	16	187.006
18	43	Aric Almirola	Eckrich	20	186.924
19	1	Jamie McMurray	Bass Pro Shops / Mercury	14	186.767
20	21	Trevor Bayne	Motorcraft / Quick Lane Tire & Auto Center	24	186.672
21	51	Kurt Busch	Hendrickcars.com	30	186.148
22	31	Jeff Burton	Wheaties	19	186.100
23	83	Landon Cassill	Burger King / Dr Pepper	25	186.095
24	78	Regan Smith	Furniture Row / Farm American	29	185.868
25	42	Juan Pablo Montoya	Target	26	185.824
26	47	Bobby Labonte	Clorox	22	185.393
27	93	Travis Kvapil	Burger King / Dr Pepper	15	185.271
28	24	Jeff Gordon	Drive to End Hunger / AARP	28	184.664
29	10	David Reutimann	TMone.com	21	184.103
30	38	David Gilliland	Taco Bell	18	183.973
31	34	David Ragan	Long John Silver's	23	183.960
32	20	Joey Logano	The Home Depot	31	183.899
33	36	Dave Blaney	Tommy Baldwin Racing	38	182.787
34	19	Jason Leffler	Plinker Tactical	43	181.504
35	98	Mike Skinner	Phil Parsons Racing	39	181.157
36	13	Casey Mears	GEICO	37	181.057
37	26	Josh Wise	MDS Transport	40	180.770
38	87	Joe Nemechek	AM/FM Energy Wood & Pellet Stoves	36	180.502
39	23	Scott Riggs	North Texas Pipe	41	179.787
40	30	David Stremme	Inception Motorsports	34	179.312
41	14	Tony Stewart	MOBIL 1 / Office Depot	32	179.168
42	32	T.J. Bell	Southern Pride Trucking / U.S. Chrome	33	177.662