

New York State Department of Transportation
Classification Count Average Weekday Data Report

ROUTE #: I 81
COUNTY NAME: Onondaga
REGION CODE: 3
FROM: JCT RT 31
TO: BARTELL RD JCT
REF-MARKER: 81133033110
END MILEPOINT: 0313390
FUNC-CLASS: 11
STATION NO: 0553
COUNT TAKEN BY: ORG CODE: TST INITIALS: JSV
PROCESSED BY: ORG CODE: DOT INITIALS: SJW

ROAD NAME: 81I
NO. OF LANES: 6
HPMS NO: 49130010
LION#:

YEAR: 2009
MONTH: May

STATION: 330553

DIRECTION	North	South	TOTAL
NUMBER OF VEHICLES	23344	24508	47852
NUMBER OF AXLES	51091	52981	104072
% HEAVY VEHICLES (F4-F13)	12.22%	14.47%	13.37%
% TRUCKS AND BUSES (F3-F13)	30.56%	39.90%	35.34%
AXLE CORRECTION FACTOR	0.91	0.93	0.92

BATCH ID: DOT-SJWr3ww18

VEHICLE CLASS	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13	TOTAL
NO. OF AXLES	2	2	2	2.5	2	3	4	3.5	5	6	5	6	8.75	
ENDING HOUR	1:00	0	148	32	2	6	0	3	17	1	2	0	1	212
	2:00	1	88	18	2	5	0	4	11	1	1	1	0	132
	3:00	1	64	15	2	4	1	0	3	16	0	2	0	108
	4:00	2	43	14	2	8	1	0	4	17	1	1	0	94
	5:00	1	68	24	3	12	2	0	6	23	2	2	0	143
	6:00	2	132	72	8	26	2	1	12	22	3	1	0	281
	7:00	2	323	118	11	41	8	0	19	34	5	0	0	562
	8:00	3	551	172	18	62	11	1	20	44	4	0	0	887
	9:00	2	513	188	17	57	11	1	22	42	10	0	0	865
	10:00	4	540	188	18	51	10	1	23	43	9	0	0	888
DIRECTION	11:00	2	586	198	16	48	10	1	24	50	14	1	0	951
North	12:00	4	696	202	11	43	13	2	24	61	9	0	0	1067
	13:00	3	735	201	8	45	9	1	20	46	7	1	0	1079
	14:00	4	814	216	12	54	17	2	23	49	7	1	0	1201
	15:00	6	1078	283	9	61	12	2	28	52	7	2	1	1543
	16:00	12	1630	517	11	100	14	1	40	46	10	3	0	2388
	17:00	14	2304	540	12	128	9	0	43	51	14	5	1	3127
	18:00	12	2179	486	11	93	6	0	45	48	7	4	0	2897
	19:00	6	1130	268	7	53	1	0	18	50	4	1	0	1540
	20:00	4	784	177	6	35	2	0	10	42	2	0	0	1063
	21:00	4	621	135	8	26	1	0	10	38	2	0	0	845
	22:00	2	481	102	6	15	0	0	7	38	2	0	0	654
	23:00	2	336	67	4	13	0	0	4	28	1	2	0	457
	24:00	1	272	49	4	6	1	0	4	20	1	2	0	360
TOTAL VEHICLES		94	16116	4282	208	992	141	13	416	888	123	31	4	23344
TOTAL AXLES		188	32232	8564	520	1984	423	52	1456	4440	738	155	24	51091
ENDING HOUR	1:00	1	50	19	4	5	0	0	4	12	1	2	0	98
	2:00	0	29	18	2	5	0	0	2	12	1	2	1	72
	3:00	0	25	15	2	6	0	0	2	11	0	2	0	63
	4:00	0	52	28	4	12	1	0	2	10	1	0	0	110
	5:00	2	141	76	4	26	0	0	5	10	2	0	0	266
	6:00	3	509	268	9	75	2	0	11	17	5	0	0	900
	7:00	8	1550	665	11	181	9	0	41	19	12	3	1	2502
	8:00	11	2486	710	15	156	11	2	49	22	6	4	1	3476
	9:00	8	1387	456	19	117	9	2	29	33	8	1	1	2072
	10:00	6	848	377	24	94	8	1	24	39	4	0	0	1427
DIRECTION	11:00	5	744	360	26	91	12	2	22	44	6	1	0	1314
South	12:00	6	662	319	32	89	6	2	30	38	7	1	0	1193
	13:00	7	674	324	28	86	12	2	28	43	5	1	1	1213
	14:00	7	698	334	32	94	9	1	28	43	5	2	1	1256
	15:00	8	755	323	32	100	10	1	29	49	5	1	1	1316
	16:00	6	763	367	36	95	6	1	26	48	4	2	1	1357
	17:00	5	762	340	32	100	6	2	30	53	5	1	0	1338
	18:00	9	750	335	26	88	5	0	29	48	4	2	1	1299
	19:00	9	554	288	25	74	5	0	19	42	3	1	0	1021
	20:00	5	408	208	21	48	3	0	19	48	2	1	0	764
	21:00	5	291	157	13	37	0	0	12	34	2	2	0	554
	22:00	2	226	116	8	25	1	0	5	32	2	2	0	420
	23:00	1	166	84	8	22	0	0	4	18	1	2	0	306
	24:00	2	84	44	5	11	0	0	4	18	1	1	1	171
TOTAL VEHICLES		116	14614	6231	418	1637	115	16	454	743	92	34	10	24508
TOTAL AXLES		232	29228	12462	1045	3274	345	64	1589	3715	552	170	60	52981
GRAND TOTAL VEHICLES		210	30730	10513	626	2629	256	29	870	1631	215	65	14	47852
GRAND TOTAL AXLES		420	61460	21026	1565	5258	768	116	3045	8155	1290	325	84	104072

VEHICLE CLASSIFICATION CODES:

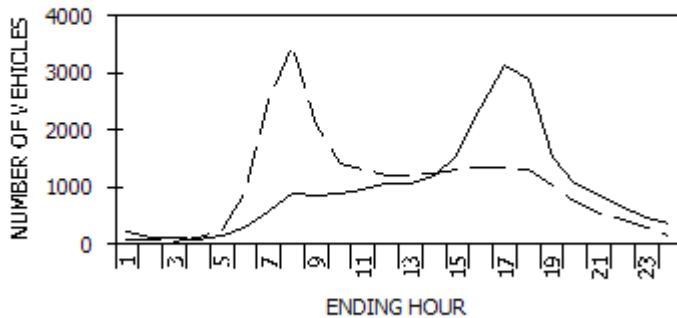
- F1. Motorcycles
- F2. Autos*
- F3. 2 Axle, 4-Tire Pickups, Vans, Motorhomes*
- F4. Buses
- F5. 2 Axle, 6-Tire Single Unit Trucks
- F6. 3 Axle Single Unit Trucks
- F7. 4 or More Axle Single Unit Trucks
- F8. 4 or Less Axle Vehicles, One Unit is a Truck
- F9. 5 Axle Double Unit Vehicles, One Unit is a Truck
- F10. 6 or More Double Unit Vehicles, One Unit is a Truck
- F11. 5 or Less Axle Multi-Unit Trucks
- F12. 6 Axle Multi-Unit Trucks
- F13. 7 or More Axle Multi-Unit Trucks

* INCLUDING THOSE HAULING TRAILERS

FUNCTIONAL CLASS CODES:

- | RURAL | URBAN | SYSTEM |
|-------|-------|-------------------------------|
| 01 | 11 | PRINCIPAL ARTERIAL-INTERSTATE |
| 02 | 12 | PRINCIPAL ARTERIAL-EXPRESSWAY |
| 02 | 14 | PRINCIPAL ARTERIAL-OTHER |
| 06 | 16 | MINOR ARTERIAL |
| 07 | 17 | MAJOR COLLECTOR |
| 08 | 17 | MINOR COLLECTOR |
| 09 | 19 | LOCAL SYSTEM |

TRAFFIC FLOW BY DIRECTION



PEAK HOUR DATA

DIRECTION	HOUR	COUNT	2-WAY	HOUR	COUNT
North	17	3127	A.M.	8	4363
South	8	3476	P.M.	17	4465

SOURCE: NYSDOT DATA SERVICES BUREAU

New York State Department of Transportation
Speed Count Average Weekday Report

Station: 330553
Route #: I 81 Road name: 811
From: JCT RT 31
To: BARTELL RD JCT
Direction: North
Lanes: 1, 2, 3

Start date: Sun 05/03/2009 08:00
End date: Fri 05/08/2009 08:45
County: Onondaga
Town: CICERO
Speed limit: 65
LION#:

Count duration: 121 hours
Functional class: 11
Factor group: 40
Batch ID: DOT-SJWr3ww18
Count taken by: Org: TST Init: JSV
Processed by: Org: DOT Init: SJW

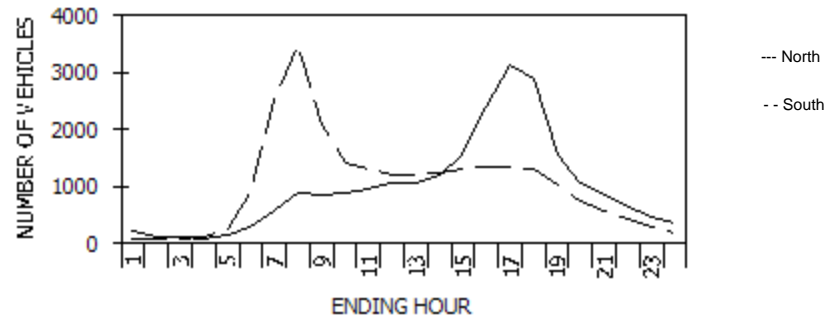
Speeds, mph

Hour	0.0-30.0	30.1-35.0	35.1-40.0	40.1-45.0	45.1-50.0	50.1-55.0	55.1-60.0	60.1-65.0	65.1-70.0	70.1-75.0	75.1-80.0	80.1-85.0	85.1-115.0	% Exc 55.0	% Exc 60.0	% Exc 65.0	% Exc 70.0	% Exc 75.0	Avg	50th%	85th%	Total
1:00	3	0	0	0	0	3	12	60	87	39	6	1	0	97.2	91.5	63.0	21.8	3.3	64.1	66.6	71.9	211
2:00	2	0	0	0	1	2	10	38	52	20	4	2	1	96.2	88.6	59.8	20.5	5.3	63.7	66.3	71.8	132
3:00	4	0	0	0	0	1	7	34	41	16	2	1	1	95.3	88.8	57.0	18.7	3.7	60.8	66.0	71.3	107
4:00	3	0	0	0	0	2	9	31	32	12	4	1	1	94.7	85.3	52.6	18.9	6.3	61.1	65.4	71.6	95
5:00	6	0	0	0	0	1	13	43	56	19	4	1	1	95.1	86.1	56.3	17.4	4.2	60.0	65.9	70.9	144
6:00	5	0	0	0	0	0	13	60	104	76	18	4	0	98.2	93.6	72.1	35.0	7.9	65.0	68.0	73.7	280
7:00	9	0	0	0	0	2	20	104	212	159	45	10	3	98.0	94.5	76.1	38.5	10.3	65.8	68.5	74.2	564
8:00	15	0	0	0	1	7	31	150	338	247	82	16	5	97.4	93.9	77.1	39.2	11.5	65.8	68.6	74.4	892
9:00	9	0	0	0	1	6	34	185	346	203	66	13	3	98.2	94.2	72.9	32.9	9.5	66.1	67.9	73.9	866
10:00	7	0	0	0	1	6	42	215	369	184	51	10	4	98.4	93.7	69.5	28.0	7.3	66.0	67.4	73.2	889
11:00	9	0	0	0	2	7	51	247	396	184	48	8	2	98.1	92.8	66.9	25.4	6.1	65.3	67.1	72.7	954
12:00	9	0	0	0	1	8	55	280	421	216	64	12	3	98.3	93.2	67.0	27.6	7.4	65.7	67.2	73.2	1069
13:00	10	0	0	0	0	6	47	276	462	209	60	8	3	98.5	94.2	68.6	25.9	6.6	65.6	67.2	72.9	1081
14:00	14	0	0	0	2	7	69	308	478	225	78	19	4	98.1	92.4	66.8	27.1	8.4	65.2	67.2	73.3	1204
15:00	14	0	0	0	0	9	59	352	642	332	111	18	7	98.5	94.7	71.9	30.3	8.8	66.2	67.7	73.6	1544
16:00	28	0	0	0	0	8	63	422	937	614	260	48	10	98.5	95.9	78.2	39.0	13.3	66.8	68.6	74.7	2390
17:00	42	0	0	0	0	8	86	537	1153	820	390	88	6	98.4	95.7	78.5	41.7	15.5	66.8	68.9	75.2	3130
18:00	35	0	0	0	2	6	53	379	1096	830	403	87	13	98.5	96.7	83.6	45.9	17.3	67.6	69.5	75.9	2904
19:00	15	0	0	0	0	3	31	242	615	426	167	34	9	98.8	96.8	81.1	41.2	13.6	67.4	69.0	74.8	1542
20:00	8	0	0	0	0	2	24	167	442	298	92	22	8	99.1	96.8	81.1	39.5	11.5	67.6	68.8	74.4	1063
21:00	8	0	0	0	0	5	26	160	349	217	65	12	4	98.5	95.4	76.5	35.2	9.6	66.6	68.3	74.0	846
22:00	7	0	0	0	0	4	23	158	276	142	36	7	2	98.3	94.8	70.7	28.5	6.9	65.7	67.5	73.2	655
23:00	6	0	0	0	0	3	22	111	194	92	24	5	2	98.0	93.2	69.1	26.8	6.8	65.1	67.3	73.0	459
24:00	3	0	0	0	0	3	15	86	150	80	19	4	1	98.3	94.2	70.4	28.8	6.6	66.0	67.5	73.2	361
Avg. Daily Total	271	0	0	0	11	109	815	4645	9248	5660	2099	431	93	98.3	94.8	75.0	35.4	11.2	66.3	68.2	74.3	23382
Percent	1.2%	0.0%	0.0%	0.0%	0.0%	0.5%	3.5%	19.9%	39.6%	24.2%	9.0%	1.8%	0.4%									
Cum. Percent	1.2%	1.2%	1.2%	1.2%	1.2%	1.7%	5.2%	25.0%	64.6%	88.8%	97.8%	99.6%	100.0%									
Average hour	11	0	0	0	0	5	34	194	385	236	87	18	4									974

	Avg. Speed	50th% Speed	85th% Speed
North	66.3	68.2	74.3
South	66.1	68.7	75.7

Peak Hour Data					
Direction	Hour	Count	2-way	Hour	Count
North	17	3130	A.M.	8	4376
South	8	3484	P.M.	17	4472

TRAFFIC FLOW BY DIRECTION



**New York State Department of Transportation
Speed Count Average Weekday Report**

Station: 330553
Route #: I 81 Road name: 811
From: JCT RT 31
To: BARTELL RD JCT
Direction: South
Lanes: 1, 2, 3

Start date: Sun 05/03/2009 08:00
End date: Fri 05/08/2009 08:45
County: Onondaga
Town: CICERO
Speed limit: 65
LION#:

Count duration: 121 hours
Functional class: 11
Factor group: 40
Batch ID: DOT-SJWr3ww18
Count taken by: Org: TST Init: JSV
Processed by: Org: DOT Init: SJW

Speeds, mph

Hour	0.0-30.0	30.1-35.0	35.1-40.0	40.1-45.0	45.1-50.0	50.1-55.0	55.1-60.0	60.1-65.0	65.1-70.0	70.1-75.0	75.1-80.0	80.1-85.0	85.1-115.0	% Exc 55.0	% Exc 60.0	% Exc 65.0	% Exc 70.0	% Exc 75.0	Avg	50th%	85th%	Total	
1:00	5	0	0	0	0	1	11	27	21	17	12	2	2	93.9	82.7	55.1	33.7	16.3	59.9	66.2	75.6	98	
2:00	2	0	0	0	0	2	7	22	18	10	10	2	0	94.5	84.9	54.8	30.1	16.4	62.4	66.0	75.6	73	
3:00	4	0	0	0	1	2	8	18	11	15	7	1	0	89.6	77.6	50.7	34.3	11.9	57.8	65.3	74.4	67	
4:00	4	0	0	0	0	3	13	29	26	22	12	2	1	93.8	82.1	56.3	33.0	13.4	61.4	66.4	74.6	112	
5:00	5	0	0	0	0	4	16	80	84	45	26	7	2	96.7	90.7	61.0	29.7	13.0	64.2	66.8	74.5	269	
6:00	8	0	0	0	0	2	30	219	324	194	96	24	6	98.9	95.6	71.3	35.4	14.0	66.7	68.0	74.8	903	
7:00	39	0	0	0	0	1	32	388	945	682	327	79	14	98.4	97.1	81.7	44.0	16.8	66.9	69.2	75.7	2507	
8:00	58	0	0	0	0	3	70	489	1316	965	467	95	21	98.2	96.2	82.2	44.4	16.7	66.8	69.3	75.7	3484	
9:00	28	0	0	0	0	2	49	390	759	517	249	70	10	98.6	96.2	77.4	40.8	15.9	66.8	68.8	75.4	2074	
10:00	25	0	0	1	0	2	39	330	475	342	169	40	9	98.0	95.3	72.3	39.1	15.2	65.7	68.4	75.1	1432	
11:00	18	0	0	0	0	4	44	312	440	311	140	41	6	98.3	95.0	71.3	37.8	14.2	66.1	68.2	74.9	1316	
12:00	22	0	0	1	0	4	43	263	400	273	143	40	7	97.7	94.1	72.2	38.7	15.9	65.5	68.4	75.4	1196	
13:00	21	0	0	0	0	3	26	246	431	295	148	39	8	98.0	95.9	75.7	40.3	16.0	66.1	68.7	75.5	1217	
14:00	21	0	0	0	0	3	39	288	432	292	134	40	8	98.1	95.0	72.1	37.7	14.5	65.8	68.3	74.9	1257	
15:00	25	0	0	0	0	2	30	275	460	315	162	42	9	98.0	95.7	74.8	40.0	16.1	65.8	68.6	75.5	1320	
16:00	27	0	0	0	0	1	30	252	489	321	178	53	11	97.9	95.7	77.2	41.3	17.8	66.0	68.8	76.1	1362	
17:00	31	0	0	0	0	2	32	267	470	296	170	60	14	97.5	95.2	75.3	40.2	18.2	65.4	68.7	76.3	1342	
18:00	26	0	0	0	1	4	38	234	468	301	162	57	14	97.6	94.7	76.8	40.9	17.9	65.9	68.8	76.2	1305	
19:00	17	0	0	0	0	2	32	178	340	238	148	52	16	98.1	95.0	77.6	44.4	21.1	66.8	69.2	77.2	1023	
20:00	14	0	0	0	0	1	22	137	262	169	112	40	8	98.0	95.2	77.3	43.0	20.9	66.4	69.0	77.1	765	
21:00	10	0	0	0	0	2	27	112	176	123	76	28	5	97.9	93.0	73.0	41.5	19.5	66.0	68.7	76.7	559	
22:00	6	0	0	0	0	3	18	96	135	88	57	16	6	97.9	93.6	71.1	39.3	18.6	66.3	68.4	76.4	425	
23:00	6	0	0	0	0	1	18	72	89	66	38	16	2	97.7	91.9	68.5	39.6	18.2	65.3	68.3	76.3	308	
24:00	6	0	0	0	0	2	12	43	50	38	17	7	2	95.5	88.7	64.4	36.2	14.7	62.7	67.6	75.0	177	
Avg. Daily Total	428	0	0	2	2	56	686	4767	8621	5935	3060	853	181	98.0	95.2	75.8	40.8	16.6	66.1	68.7	75.7	24591	
Percent	1.7%	0.0%	0.0%	0.0%	0.0%	0.2%	2.8%	19.4%	35.1%	24.1%	12.4%	3.5%	0.7%										
Cum. Percent	1.7%	1.7%	1.7%	1.7%	1.8%	2.0%	4.8%	24.2%	59.2%	83.4%	95.8%	99.3%	100.0%										
Average hour	18	0	0	0	0	2	29	199	359	247	128	36	8										1025

TRAFFIC FLOW BY DIRECTION

	Avg. Speed	50th% Speed	85th% Speed
North	66.3	68.2	74.3
South	66.1	68.7	75.7

Peak Hour Data					
Direction	Hour	Count	2-way A.M. P.M.	Hour	Count
North	17	3130		8	4376
South	8	3484		17	4472

