

2008 City Traffic Counts

Weather: Fair

Count By: BC/JF

GPS Point #:883

Southbound, Northbound

City of Rochester Hills
 Department of Public Services
 1000 Rochester Hills Drive
 Rochester Hills, MI, 48309 Phone (248) 656-4640

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 Marketplace Circle
 North of Adams (East Intersection)
 Station ID: Speed Study
 Date Start: 28-May-08
 Marketplace Circle Speed#1
 Site Code: 883

Start Time	1	21	23	25	27	29	31	33	35	37	39	41	43	45	Total	85th Percent	95th Percent
	20	22	24	26	28	30	32	34	36	38	40	42	44	999			
05/28/08	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	9	2	8	4	1	4	3	0	0	0	0	0	0	0	31	29	31
16:00	12	1	3	2	6	3	2	2	0	0	0	0	0	0	31	29	32
17:00	7	4	4	3	4	6	6	3	1	1	1	0	0	0	40	32	36
18:00	17	4	3	6	6	2	2	1	2	0	0	0	0	0	43	29	34
19:00	14	7	5	7	6	6	5	0	2	1	0	0	0	0	53	30	32
20:00	8	5	6	4	2	1	1	1	0	0	0	0	0	0	28	27	32
21:00	17	7	4	5	3	1	1	0	0	0	0	0	0	0	38	26	28
22:00	8	3	4	5	2	0	0	0	0	0	0	0	0	0	22	26	27
23:00	1	2	3	3	1	0	0	0	0	0	0	0	0	0	10	25	26
Total	93	35	40	39	31	23	20	7	5	2	1	0	0	0	296		
Percent	31.4%	11.8%	13.5%	13.2%	10.5%	7.8%	6.8%	2.4%	1.7%	0.7%	0.3%	0.0%	0.0%	0.0%			

AM Peak Vol.	18:00	19:00	15:00	19:00	16:00	17:00	17:00	17:00	18:00	17:00	17:00	19:00
PM Peak Vol.	17	7	8	7	6	6	6	3	2	1	1	53

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Start Time	1	21	23	25	27	29	31	33	35	37	39	41	43	45	Total	85th Percent	95th Percent
	20	22	24	26	28	30	32	34	36	38	40	42	44	999			
05/29/08	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	21	21
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	21	21
02:00	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2	25	25
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	1	0	0	0	0	1	0	0	0	0	0	0	0	0	2	29	29
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	4	1	0	1	1	0	0	0	0	0	0	0	0	0	7	26	27
07:00	5	0	0	0	0	1	0	0	0	0	0	0	0	0	6	5	29
08:00	5	0	0	0	0	1	0	1	0	0	0	0	0	0	7	29	33
09:00	2	0	1	0	0	0	0	0	0	2	0	0	0	0	5	37	38
10:00	13	2	0	1	2	2	2	0	1	0	0	0	0	0	23	30	32
11:00	16	5	10	14	14	8	6	1	0	1	0	0	0	0	75	30	32
12 PM	32	6	15	14	14	11	3	1	1	0	0	0	0	0	97	29	30
13:00	18	4	1	10	7	3	1	0	0	0	0	0	0	0	44	27	29
14:00	9	4	2	4	3	1	1	1	0	0	0	0	0	0	25	27	32
15:00	17	3	5	3	1	3	1	0	2	0	0	0	0	0	35	29	31
16:00	7	2	3	2	3	4	0	3	1	2	1	0	0	0	28	34	38
17:00	16	3	4	5	9	5	1	0	1	0	0	0	0	0	44	28	30
18:00	14	5	9	9	6	5	2	1	0	0	0	0	0	0	51	28	30
19:00	9	3	3	10	10	1	0	0	0	0	0	0	0	0	36	28	28
20:00	12	4	7	4	3	2	1	0	0	2	0	0	0	0	35	28	31
21:00	12	3	7	10	6	1	2	0	0	0	0	1	0	0	42	28	31
22:00	8	5	7	3	3	3	0	0	0	0	0	0	0	0	29	28	29
23:00	3	2	6	3	2	3	2	0	0	0	0	0	0	0	21	29	31
Total	205	54	80	94	84	55	22	8	6	7	1	1	0	0	617		
Percent	33.2%	8.8%	13.0%	15.2%	13.6%	8.9%	3.6%	1.3%	1.0%	1.1%	0.2%	0.2%	0.0%	0.0%			
AM Peak	11:00	11:00	11:00	11:00	11:00	11:00	11:00	08:00	10:00	09:00					11:00		
Vol.	16	5	10	14	14	8	6	1	1	2					75		
PM Peak	12:00	12:00	12:00	12:00	12:00	12:00	12:00	16:00	15:00	16:00	16:00	21:00			12:00		
Vol.	32	6	15	14	14	11	3	3	2	2	1	1			97		

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Start Time	1 20	21 22	23 24	25 26	27 28	29 30	31 32	33 34	35 36	37 38	39 40	41 42	43 44	45 999	Total	85th Percent	95th Percent
05/30/08	1	0	0	2	0	0	0	0	0	0	0	0	0	0	3	26	26
01:00	3	0	0	0	0	1	0	0	0	0	0	0	0	0	4	3	29
02:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
03:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2	23	23
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	11	0	0	0	1	0	0	0	0	0	0	0	0	0	12	10	11
06:00	2	0	0	1	0	0	0	0	0	0	0	0	0	0	3	25	25
07:00	6	2	3	1	0	0	0	0	0	1	0	0	0	0	13	24	25
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	25	3	4	4	1	1	0	0	0	1	0	0	0	0	39		
Percent	64.1%	7.7%	10.3%	10.3%	2.6%	2.6%	0.0%	0.0%	0.0%	2.6%	0.0%	0.0%	0.0%	0.0%			
AM Peak	05:00	07:00	07:00	00:00	05:00	01:00				07:00					07:00		
Vol.	11	2	3	2	1	1				1					13		
PM Peak																	
Vol.																	
Grand Total	323	92	124	137	116	79	42	15	11	10	2	1	0	0	952		
Percent	33.9%	9.7%	13.0%	14.4%	12.2%	8.3%	4.4%	1.6%	1.2%	1.1%	0.2%	0.1%	0.0%	0.0%			

15th Percentile : 9 MPH
50th Percentile : 23 MPH
85th Percentile : 29 MPH
95th Percentile : 32 MPH

Statistics
10 MPH Pace Speed : 21-30 MPH
Number in Pace : 548
Percent in Pace : 57.6%
Number of Vehicles > 30 MPH : 81
Percent of Vehicles > 30 MPH : 8.5%
Mean Speed(Average) : 21 MPH