

48-HOUR SPEED, VOLUME AND CLASSIFICATION

4800 block of 7th Street, NW
SR# 2284385

Initiation Date: August 1st, 2022



Prepared for:



District Department of Transportation

Prepared by:



Howard University Transportation
Safety Data & Research Center
2300 Sixth Street, Suite 2121
Washington, DC 20059

June 14th, 2023

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1.0 INTRODUCTION

This report provides DDOT with vehicular volume, speed and classification data obtained from June 6th and June 7th, 2023, for the 4800 block of 7th Street, NW. Figures 1 and 2 respectively, present the data collection location with respect to the surrounding roadway network with its coordinates, and a photograph of the data collection equipment.



Figure 1: Data Collection Location



Figure 2: Photograph of Data Collection Equipment

2.0 RESULTS OF DATA COLLECTION

Presented in Table 1 is the summary of the 48-hour volume counts and the directional speeds obtained at the study location from June 6th and June 7th, 2023. The table provides the ADT, 85th percentile speeds, mean speeds, and 10-MPH pace for the study location. Table 2 presents the summary of directional 48-hour vehicular classification counts at the study location. The classification scheme is in accordance with the Federal Highway Administration Vehicle Classification Scheme with bicycles as shown in Figure 3.

Table 1: Summary of 48-hour Speed and Volume Characteristics

4800 block of 7 th Street, NW	Day 1			Day 2			Combined		
	NB	SB	NB+SB	NB	SB	NB+SB	NB	SB	NB+SB
85 th Percentile	24	23	24	24	24	24	24	24	24
Mean	19	19	19	19	19	19	19	19	19
10 MPH Pace	16-25	16-25	16-25	16-25	16-25	16-25	16-25	16-25	16-25
Peak Hour Volume	65	49	101	83	50	114	83	50	114
ADT	834			913			874		

Table 2: Summary of 48-hour Vehicular Classification

Classification	Weight (lbs.)	Description	NB	SB
1	≤6,000	Motorcycles	14	16
2		Passenger Cars & Trailers	592	584
3	6,000 – 10,000	Pickups, Panels, Vans & Trailers	150	125
4	10,001 – 14,000	Buses	17	3
5		Single Unit 2-Axle Trucks-6 Tires	48	29
6	14,001 – 16,000	Single Unit 3-Axle Trucks	6	16
7		Single Unit 4-Axle Trucks	1	0
8	16,001 – 19,500	Single Trailer 3-or-4-Axle Trucks	2	1
9		Single Trailer 5-Axle Trucks	1	0
10	19,501 – 26,000	Single Trailer ≥6-Axle Trucks	0	0
11	26,001 – 33,000	Multi-Trailer ≤5-Axle Trucks	0	0
12		Multi-Trailer 6-Axle Trucks	0	0
13	≥33,001	Multi-Trailer ≥7-Axle Trucks	0	0
14	-	Bicycles	47	17
Not Classified	-	-	47	31
Total			925	822
Percentage Heavy Vehicles (Sum of 4-13)			8.11%	5.96%

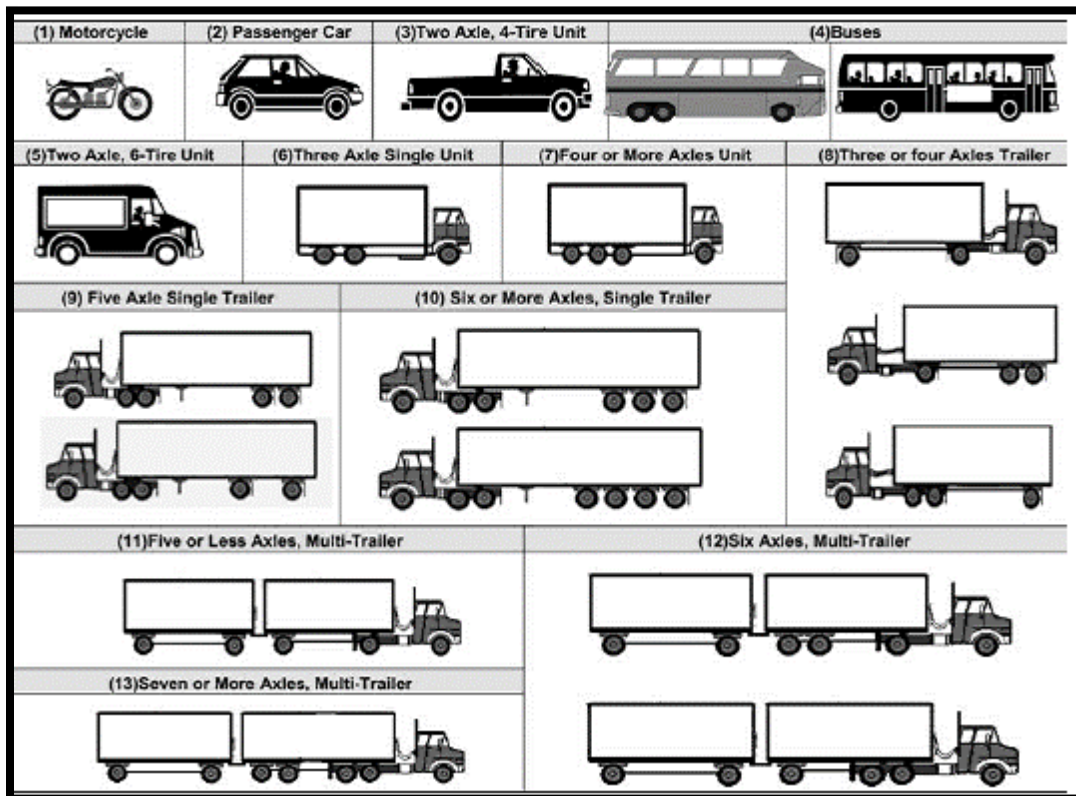


Figure 3: FHWA 13 Vehicle Classification (Scheme F)

APPENDICES

HOWARD UNIVERSITY TRANSPORTATION DATA CENTER

2300 6TH STREET, NW
WASHINGTON, DC 20059

4800 BLOCK OF 7TH STREET, NW - VOLUME DAY 1

Start Time	06-Jun-23		NB		SB		Combined		07-Jun		NB		SB		Combined	
	Tue		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	Wed	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	
12:00			3	4	0	4	3	8		*	*	*	*	*	*	
12:15			3	6	1	4	4	10		*	*	*	*	*	*	
12:30			1	7	2	2	3	9		*	*	*	*	*	*	
12:45			1	3	1	5	2	8		*	*	*	*	*	*	
01:00			4	2	1	6	5	8		*	*	*	*	*	*	
01:15			0	7	2	5	2	12		*	*	*	*	*	*	
01:30			0	4	0	3	0	7		*	*	*	*	*	*	
01:45			0	3	0	4	0	7		*	*	*	*	*	*	
02:00			0	9	2	8	2	17		*	*	*	*	*	*	
02:15			0	1	1	3	1	4		*	*	*	*	*	*	
02:30			0	6	0	3	0	9		*	*	*	*	*	*	
02:45			1	9	0	2	1	11		*	*	*	*	*	*	
03:00			1	8	2	8	3	16		*	*	*	*	*	*	
03:15			1	7	0	10	1	17		*	*	*	*	*	*	
03:30			0	13	0	10	0	23		*	*	*	*	*	*	
03:45			0	7	0	9	0	16		*	*	*	*	*	*	
04:00			0	14	1	8	1	22		*	*	*	*	*	*	
04:15			0	12	0	11	0	23		*	*	*	*	*	*	
04:30			0	16	0	5	0	21		*	*	*	*	*	*	
04:45			0	18	1	10	1	28		*	*	*	*	*	*	
05:00			0	13	0	6	0	19		*	*	*	*	*	*	
05:15			0	15	2	9	2	24		*	*	*	*	*	*	
05:30			1	19	3	11	4	30		*	*	*	*	*	*	
05:45			2	14	1	8	3	22		*	*	*	*	*	*	
06:00			5	9	3	8	8	17		*	*	*	*	*	*	
06:15			2	10	6	10	8	20		*	*	*	*	*	*	
06:30			2	11	2	7	4	18		*	*	*	*	*	*	
06:45			3	10	4	5	7	15		*	*	*	*	*	*	
07:00			1	5	2	7	3	12		*	*	*	*	*	*	
07:15			1	4	3	5	4	9		*	*	*	*	*	*	
07:30			4	7	10	5	14	12		*	*	*	*	*	*	
07:45			2	5	13	5	15	10		*	*	*	*	*	*	
08:00			3	8	8	3	11	11		*	*	*	*	*	*	
08:15			10	5	12	3	22	8		*	*	*	*	*	*	
08:30			8	3	15	2	23	5		*	*	*	*	*	*	
08:45			7	5	14	2	21	7		*	*	*	*	*	*	
09:00			8	1	5	3	13	4		*	*	*	*	*	*	
09:15			4	2	9	0	13	2		*	*	*	*	*	*	
09:30			3	1	5	3	8	4		*	*	*	*	*	*	
09:45			4	2	1	4	5	6		*	*	*	*	*	*	
10:00			3	4	8	1	11	5		*	*	*	*	*	*	
10:15			5	3	6	1	11	4		*	*	*	*	*	*	
10:30			3	0	3	1	6	1		*	*	*	*	*	*	
10:45			5	1	2	1	7	2		*	*	*	*	*	*	
11:00			2	3	4	2	6	5		*	*	*	*	*	*	
11:15			3	2	3	3	6	5		*	*	*	*	*	*	
11:30			2	0	6	0	8	0		*	*	*	*	*	*	
11:45			5	1	3	0	8	1		*	*	*	*	*	*	
Total			113	319	167	235	280	554		0	0	0	0	0	0	
Day Total			432		402		834			0		0		0		
% Total			13.5%	38.2%	20.0%	28.2%				0.0%	0.0%	0.0%	0.0%			
Peak	-		08:15	04:45	08:00	03:30	08:15	04:45	-	-	-	-	-	-	-	
Vol.	-		33	65	49	38	79	101	-	-	-	-	-	-	-	
P.H.F.			0.825	0.855	0.817	0.864	0.859	0.842								
ADT			ADT 874		AADT 874											

HOWARD UNIVERSITY TRANSPORTATION DATA CENTER

2300 6TH STREET, NW
WASHINGTON, DC 20059

4800 BLOCK OF 7TH STREET, NW - SPEED DAY 1

NB

Start Time	10	11	16	21	26	31	36	41	46	51	56	61	66	71	9999	Total
06/06/23	0	2	1	5	0	0	0	0	0	0	0	0	0	0	0	8
01:00	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	4
02:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
03:00	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	3
06:00	2	5	2	2	1	0	0	0	0	0	0	0	0	0	0	12
07:00	1	1	1	3	2	0	0	0	0	0	0	0	0	0	0	8
08:00	3	1	6	13	5	0	0	0	0	0	0	0	0	0	0	28
09:00	1	7	3	4	2	2	0	0	0	0	0	0	0	0	0	19
10:00	3	3	3	5	2	0	0	0	0	0	0	0	0	0	0	16
11:00	3	3	4	1	1	0	0	0	0	0	0	0	0	0	0	12
12 PM	1	2	8	6	3	0	0	0	0	0	0	0	0	0	0	20
13:00	0	5	6	4	1	0	0	0	0	0	0	0	0	0	0	16
14:00	2	3	5	9	6	0	0	0	0	0	0	0	0	0	0	25
15:00	3	6	9	13	3	1	0	0	0	0	0	0	0	0	0	35
16:00	3	5	16	32	3	1	0	0	0	0	0	0	0	0	0	60
17:00	3	7	20	23	7	0	1	0	0	0	0	0	0	0	0	61
18:00	3	7	18	9	3	0	0	0	0	0	0	0	0	0	0	40
19:00	1	1	7	11	0	1	0	0	0	0	0	0	0	0	0	21
20:00	2	4	3	8	3	1	0	0	0	0	0	0	0	0	0	21
21:00	0	0	3	1	1	0	1	0	0	0	0	0	0	0	0	6
22:00	2	0	1	3	1	0	0	1	0	0	0	0	0	0	0	8
23:00	0	1	0	4	1	0	0	0	0	0	0	0	0	0	0	6
Total	34	67	118	158	46	6	2	1	0	0	0	0	0	0	0	432
Grand Total	34	67	118	158	46	6	2	1	0	0	0	0	0	0	0	432

15th Percentile : 12 MPH
 50th Percentile : 19 MPH
 85th Percentile : 24 MPH
 95th Percentile : 28 MPH

Stats
 Mean Speed(Average) : 19 MPH
 10 MPH Pace Speed : 16-25 MPH
 Number in Pace : 276
 Percent in Pace : 63.9%
 Number of Vehicles > 25 MPH : 55
 Percent of Vehicles > 25 MPH : 12.7%

HOWARD UNIVERSITY TRANSPORTATION DATA CENTER

2300 6TH STREET, NW
WASHINGTON, DC 20059

4800 BLOCK OF 7TH STREET, NW - SPEED DAY 1

SB

Start Time	10	11	16	21	26	31	36	41	46	51	56	61	66	71	9999	Total
06/06/23	0	0	3	0	1	0	0	0	0	0	0	0	0	0	0	4
01:00	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
02:00	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
03:00	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
04:00	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	2
05:00	1	1	3	1	0	0	0	0	0	0	0	0	0	0	0	6
06:00	2	3	4	6	0	0	0	0	0	0	0	0	0	0	0	15
07:00	3	0	11	12	1	1	0	0	0	0	0	0	0	0	0	28
08:00	3	1	17	19	7	2	0	0	0	0	0	0	0	0	0	49
09:00	1	1	7	9	2	0	0	0	0	0	0	0	0	0	0	20
10:00	0	2	6	8	3	0	0	0	0	0	0	0	0	0	0	19
11:00	2	1	5	8	0	0	0	0	0	0	0	0	0	0	0	16
12 PM	1	3	7	4	0	0	0	0	0	0	0	0	0	0	0	15
13:00	0	3	7	8	0	0	0	0	0	0	0	0	0	0	0	18
14:00	0	1	8	4	3	0	0	0	0	0	0	0	0	0	0	16
15:00	1	9	12	12	3	0	0	0	0	0	0	0	0	0	0	37
16:00	2	4	16	12	0	0	0	0	0	0	0	0	0	0	0	34
17:00	3	10	12	8	1	0	0	0	0	0	0	0	0	0	0	34
18:00	5	5	13	4	3	0	0	0	0	0	0	0	0	0	0	30
19:00	2	5	9	3	2	1	0	0	0	0	0	0	0	0	0	22
20:00	1	2	4	2	1	0	0	0	0	0	0	0	0	0	0	10
21:00	0	1	7	2	0	0	0	0	0	0	0	0	0	0	0	10
22:00	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
23:00	0	0	0	4	0	0	1	0	0	0	0	0	0	0	0	5
Total	27	52	161	129	27	5	1	0	0	0	0	0	0	0	0	402
Grand Total	27	52	161	129	27	5	1	0	0	0	0	0	0	0	0	402

15th Percentile : 13 MPH
 50th Percentile : 18 MPH
 85th Percentile : 23 MPH
 95th Percentile : 27 MPH

Stats
 Mean Speed(Average) : 19 MPH
 10 MPH Pace Speed : 16-25 MPH
 Number in Pace : 290
 Percent in Pace : 72.1%
 Number of Vehicles > 25 MPH : 33
 Percent of Vehicles > 25 MPH : 8.2%

HOWARD UNIVERSITY TRANSPORTATION DATA CENTER

2300 6TH STREET, NW
WASHINGTON, DC 20059

4800 BLOCK OF 7TH STREET, NW - SPEED DAY 1

NB, SB

Start Time	10	11	16	21	26	31	36	41	46	51	56	61	66	71	9999	Total
06/06/23	0	2	4	5	1	0	0	0	0	0	0	0	0	0	0	12
01:00	1	1	5	0	0	0	0	0	0	0	0	0	0	0	0	7
02:00	0	0	2	1	1	0	0	0	0	0	0	0	0	0	0	4
03:00	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	4
04:00	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	2
05:00	1	3	3	2	0	0	0	0	0	0	0	0	0	0	0	9
06:00	4	8	6	8	1	0	0	0	0	0	0	0	0	0	0	27
07:00	4	1	12	15	3	1	0	0	0	0	0	0	0	0	0	36
08:00	6	2	23	32	12	2	0	0	0	0	0	0	0	0	0	77
09:00	2	8	10	13	4	2	0	0	0	0	0	0	0	0	0	39
10:00	3	5	9	13	5	0	0	0	0	0	0	0	0	0	0	35
11:00	5	4	9	9	1	0	0	0	0	0	0	0	0	0	0	28
12 PM	2	5	15	10	3	0	0	0	0	0	0	0	0	0	0	35
13:00	0	8	13	12	1	0	0	0	0	0	0	0	0	0	0	34
14:00	2	4	13	13	9	0	0	0	0	0	0	0	0	0	0	41
15:00	4	15	21	25	6	1	0	0	0	0	0	0	0	0	0	72
16:00	5	9	32	44	3	1	0	0	0	0	0	0	0	0	0	94
17:00	6	17	32	31	8	0	1	0	0	0	0	0	0	0	0	95
18:00	8	12	31	13	6	0	0	0	0	0	0	0	0	0	0	70
19:00	3	6	16	14	2	2	0	0	0	0	0	0	0	0	0	43
20:00	3	6	7	10	4	1	0	0	0	0	0	0	0	0	0	31
21:00	0	1	10	3	1	0	1	0	0	0	0	0	0	0	0	16
22:00	2	0	4	4	1	0	0	1	0	0	0	0	0	0	0	12
23:00	0	1	0	8	1	0	1	0	0	0	0	0	0	0	0	11
Total	61	119	279	287	73	11	3	1	0	0	0	0	0	0	0	834
Grand Total	61	119	279	287	73	11	3	1	0	0	0	0	0	0	0	834

15th Percentile : 12 MPH
 50th Percentile : 19 MPH
 85th Percentile : 24 MPH
 95th Percentile : 28 MPH

Stats
 Mean Speed(Average) : 19 MPH
 10 MPH Pace Speed : 16-25 MPH
 Number in Pace : 566
 Percent in Pace : 67.9%
 Number of Vehicles > 25 MPH : 88
 Percent of Vehicles > 25 MPH : 10.6%

HOWARD UNIVERSITY TRANSPORTATION DATA CENTER

2300 6TH STREET, NW
WASHINGTON, DC 20059

4800 BLOCK OF 7TH STREET, NW - VOLUME DAY 2

Start Time	07-Jun-23		NB		SB		Combined		08-Jun		NB		SB		Combined	
	Wed		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	Thu		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
12:00			1	6	2	4	3	10			*	*	*	*	*	*
12:15			3	4	1	8	4	12			*	*	*	*	*	*
12:30			1	7	1	7	2	14			*	*	*	*	*	*
12:45			0	5	0	1	0	6			*	*	*	*	*	*
01:00			0	3	0	5	0	8			*	*	*	*	*	*
01:15			1	5	0	6	1	11			*	*	*	*	*	*
01:30			0	4	0	4	0	8			*	*	*	*	*	*
01:45			0	8	0	6	0	14			*	*	*	*	*	*
02:00			4	6	1	6	5	12			*	*	*	*	*	*
02:15			0	7	2	5	2	12			*	*	*	*	*	*
02:30			0	9	0	2	0	11			*	*	*	*	*	*
02:45			1	10	0	5	1	15			*	*	*	*	*	*
03:00			0	9	1	4	1	13			*	*	*	*	*	*
03:15			0	6	1	9	1	15			*	*	*	*	*	*
03:30			0	12	1	7	1	19			*	*	*	*	*	*
03:45			1	8	0	7	1	15			*	*	*	*	*	*
04:00			0	15	0	12	0	27			*	*	*	*	*	*
04:15			0	25	0	7	0	32			*	*	*	*	*	*
04:30			1	22	1	4	2	26			*	*	*	*	*	*
04:45			0	21	0	5	0	26			*	*	*	*	*	*
05:00			0	11	1	4	1	15			*	*	*	*	*	*
05:15			2	20	3	14	5	34			*	*	*	*	*	*
05:30			0	19	3	9	3	28			*	*	*	*	*	*
05:45			1	15	2	9	3	24			*	*	*	*	*	*
06:00			1	17	1	11	2	28			*	*	*	*	*	*
06:15			1	9	3	8	4	17			*	*	*	*	*	*
06:30			0	11	5	11	5	22			*	*	*	*	*	*
06:45			3	7	5	6	8	13			*	*	*	*	*	*
07:00			1	5	4	3	5	8			*	*	*	*	*	*
07:15			0	6	6	8	6	14			*	*	*	*	*	*
07:30			3	4	7	4	10	8			*	*	*	*	*	*
07:45			1	9	16	9	17	18			*	*	*	*	*	*
08:00			3	5	3	2	6	7			*	*	*	*	*	*
08:15			8	3	14	4	22	7			*	*	*	*	*	*
08:30			6	3	17	6	23	9			*	*	*	*	*	*
08:45			14	4	11	7	25	11			*	*	*	*	*	*
09:00			8	3	5	2	13	5			*	*	*	*	*	*
09:15			5	5	6	4	11	9			*	*	*	*	*	*
09:30			4	3	5	2	9	5			*	*	*	*	*	*
09:45			5	5	6	5	11	10			*	*	*	*	*	*
10:00			2	5	4	1	6	6			*	*	*	*	*	*
10:15			7	2	5	1	12	3			*	*	*	*	*	*
10:30			2	5	8	2	10	7			*	*	*	*	*	*
10:45			3	2	2	0	5	2			*	*	*	*	*	*
11:00			4	4	4	0	8	4			*	*	*	*	*	*
11:15			7	4	2	3	9	7			*	*	*	*	*	*
11:30			2	3	4	1	6	4			*	*	*	*	*	*
11:45			5	1	6	1	11	2			*	*	*	*	*	*
Total			111	382	169	251	280	633			0	0	0	0	0	0
Day Total			493		420		913				0		0		0	
% Total			12.2%	41.8%	18.5%	27.5%					0.0%	0.0%	0.0%	0.0%		
Peak	-		08:15	04:00	07:45	05:15	08:15	05:15	-	-	-	-	-	-	-	-
Vol.	-		36	83	50	43	83	114	-	-	-	-	-	-	-	-
P.H.F.			0.643	0.830	0.735	0.768	0.830	0.838								
ADT			ADT 874		AADT 874											

HOWARD UNIVERSITY TRANSPORTATION DATA CENTER

2300 6TH STREET, NW
WASHINGTON, DC 20059

4800 BLOCK OF 7TH STREET, NW - SPEED DAY 2

NB

Start Time	10	11	16	21	26	31	36	41	46	51	56	61	66	71	9999	Total
06/07/23	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	5
01:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	0	3	1	1	0	0	0	0	0	0	0	0	0	0	5
03:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
05:00	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	3
06:00	2	0	0	1	2	0	0	0	0	0	0	0	0	0	0	5
07:00	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	5
08:00	5	5	10	8	3	0	0	0	0	0	0	0	0	0	0	31
09:00	2	2	7	9	2	0	0	0	0	0	0	0	0	0	0	22
10:00	2	4	4	3	1	0	0	0	0	0	0	0	0	0	0	14
11:00	2	3	4	7	2	0	0	0	0	0	0	0	0	0	0	18
12 PM	4	7	2	7	2	0	0	0	0	0	0	0	0	0	0	22
13:00	2	0	8	8	2	0	0	0	0	0	0	0	0	0	0	20
14:00	1	5	9	11	4	2	0	0	0	0	0	0	0	0	0	32
15:00	0	9	9	11	6	0	0	0	0	0	0	0	0	0	0	35
16:00	7	18	15	35	8	0	0	0	0	0	0	0	0	0	0	83
17:00	3	11	32	16	2	1	0	0	0	0	0	0	0	0	0	65
18:00	3	7	16	12	6	0	0	0	0	0	0	0	0	0	0	44
19:00	3	6	12	2	1	0	0	0	0	0	0	0	0	0	0	24
20:00	2	3	7	3	0	0	0	0	0	0	0	0	0	0	0	15
21:00	2	0	10	2	2	0	0	0	0	0	0	0	0	0	0	16
22:00	1	3	3	5	2	0	0	0	0	0	0	0	0	0	0	14
23:00	1	0	4	4	3	0	0	0	0	0	0	0	0	0	0	12
Total	47	86	157	149	50	3	1	0	0	0	0	0	0	0	0	493
Grand Total	47	86	157	149	50	3	1	0	0	0	0	0	0	0	0	493

15th Percentile : 11 MPH
 50th Percentile : 18 MPH
 85th Percentile : 24 MPH
 95th Percentile : 27 MPH

Stats
 Mean Speed(Average) : 19 MPH
 10 MPH Pace Speed : 16-25 MPH
 Number in Pace : 306
 Percent in Pace : 62.1%
 Number of Vehicles > 25 MPH : 54
 Percent of Vehicles > 25 MPH : 11.0%

HOWARD UNIVERSITY TRANSPORTATION DATA CENTER

2300 6TH STREET, NW
WASHINGTON, DC 20059

4800 BLOCK OF 7TH STREET, NW - SPEED DAY 2

SB

Start Time	10	11	15	16	20	21	25	26	30	31	35	36	40	41	45	46	50	51	55	56	60	61	65	66	70	71	9999	Total
06/07/23	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
03:00	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
04:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
05:00	1	2	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
06:00	0	3	4	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
07:00	4	0	15	11	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33
08:00	1	5	14	17	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45
09:00	1	3	7	8	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22
10:00	2	7	1	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
11:00	2	4	7	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
12 PM	4	4	6	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
13:00	4	5	6	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
14:00	1	3	6	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
15:00	2	3	9	11	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27
16:00	2	4	10	10	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28
17:00	4	2	15	14	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36
18:00	2	7	15	10	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36
19:00	3	5	8	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24
20:00	1	2	7	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
21:00	0	3	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
22:00	0	0	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
23:00	0	0	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Total	34	65	151	131	36	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	420
Grand Total	34	65	151	131	36	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	420

15th Percentile : 12 MPH
 50th Percentile : 18 MPH
 85th Percentile : 24 MPH
 95th Percentile : 27 MPH

Stats
 Mean Speed(Average) : 19 MPH
 10 MPH Pace Speed : 16-25 MPH
 Number in Pace : 282
 Percent in Pace : 67.1%
 Number of Vehicles > 25 MPH : 39
 Percent of Vehicles > 25 MPH : 9.3%

HOWARD UNIVERSITY TRANSPORTATION DATA CENTER

2300 6TH STREET, NW
WASHINGTON, DC 20059

4800 BLOCK OF 7TH STREET, NW - SPEED DAY 2

NB, SB

Start Time	10	11	16	21	26	31	36	41	46	51	56	61	66	71	9999	Total
06/07/23	3	4	1	1	0	0	0	0	0	0	0	0	0	0	0	9
01:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	0	3	4	1	0	0	0	0	0	0	0	0	0	0	8
03:00	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	4
04:00	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	2
05:00	2	2	3	4	1	0	0	0	0	0	0	0	0	0	0	12
06:00	2	3	4	5	5	0	0	0	0	0	0	0	0	0	0	19
07:00	5	1	16	12	4	0	0	0	0	0	0	0	0	0	0	38
08:00	6	10	24	25	10	1	0	0	0	0	0	0	0	0	0	76
09:00	3	5	14	17	4	1	0	0	0	0	0	0	0	0	0	44
10:00	4	11	5	10	3	0	0	0	0	0	0	0	0	0	0	33
11:00	4	7	11	10	2	0	0	0	0	0	0	0	0	0	0	34
12 PM	8	11	8	12	3	0	0	0	0	0	0	0	0	0	0	42
13:00	6	5	14	12	4	0	0	0	0	0	0	0	0	0	0	41
14:00	2	8	15	16	7	2	0	0	0	0	0	0	0	0	0	50
15:00	2	12	18	22	8	0	0	0	0	0	0	0	0	0	0	62
16:00	9	22	25	45	10	0	0	0	0	0	0	0	0	0	0	111
17:00	7	13	47	30	3	1	0	0	0	0	0	0	0	0	0	101
18:00	5	14	31	22	7	1	0	0	0	0	0	0	0	0	0	80
19:00	6	11	20	9	2	0	0	0	0	0	0	0	0	0	0	48
20:00	3	5	14	9	3	0	0	0	0	0	0	0	0	0	0	34
21:00	2	3	18	4	2	0	0	0	0	0	0	0	0	0	0	29
22:00	1	3	6	5	3	0	0	0	0	0	0	0	0	0	0	18
23:00	1	0	7	5	4	0	0	0	0	0	0	0	0	0	0	17
Total	81	151	308	280	86	6	1	0	0	0	0	0	0	0	0	913
Grand Total	81	151	308	280	86	6	1	0	0	0	0	0	0	0	0	913

15th Percentile : 11 MPH
 50th Percentile : 18 MPH
 85th Percentile : 24 MPH
 95th Percentile : 27 MPH

Stats
 Mean Speed(Average) : 19 MPH
 10 MPH Pace Speed : 16-25 MPH
 Number in Pace : 588
 Percent in Pace : 64.4%
 Number of Vehicles > 25 MPH : 93
 Percent of Vehicles > 25 MPH : 10.2%

HOWARD UNIVERSITY TRANSPORTATION DATA CENTER

2300 6TH STREET, NW
WASHINGTON, DC 20059

4800 BLOCK OF 7TH STREET, NW - VOLUME

Start Time	06-Jun-23		NB		SB		Combined		07-Jun		NB		SB		Combined	
	Tue		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	Wed		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
12:00			3	4	0	4	3	8			1	6	2	4	3	10
12:15			3	6	1	4	4	10			3	4	1	8	4	12
12:30			1	7	2	2	3	9			1	7	1	7	2	14
12:45			1	3	1	5	2	8			0	5	0	1	0	6
01:00			4	2	1	6	5	8			0	3	0	5	0	8
01:15			0	7	2	5	2	12			1	5	0	6	1	11
01:30			0	4	0	3	0	7			0	4	0	4	0	8
01:45			0	3	0	4	0	7			0	8	0	6	0	14
02:00			0	9	2	8	2	17			4	6	1	6	5	12
02:15			0	1	1	3	1	4			0	7	2	5	2	12
02:30			0	6	0	3	0	9			0	9	0	2	0	11
02:45			1	9	0	2	1	11			1	10	0	5	1	15
03:00			1	8	2	8	3	16			0	9	1	4	1	13
03:15			1	7	0	10	1	17			0	6	1	9	1	15
03:30			0	13	0	10	0	23			0	12	1	7	1	19
03:45			0	7	0	9	0	16			1	8	0	7	1	15
04:00			0	14	1	8	1	22			0	15	0	12	0	27
04:15			0	12	0	11	0	23			0	25	0	7	0	32
04:30			0	16	0	5	0	21			1	22	1	4	2	26
04:45			0	18	1	10	1	28			0	21	0	5	0	26
05:00			0	13	0	6	0	19			0	11	1	4	1	15
05:15			0	15	2	9	2	24			2	20	3	14	5	34
05:30			1	19	3	11	4	30			0	19	3	9	3	28
05:45			2	14	1	8	3	22			1	15	2	9	3	24
06:00			5	9	3	8	8	17			1	17	1	11	2	28
06:15			2	10	6	10	8	20			1	9	3	8	4	17
06:30			2	11	2	7	4	18			0	11	5	11	5	22
06:45			3	10	4	5	7	15			3	7	5	6	8	13
07:00			1	5	2	7	3	12			1	5	4	3	5	8
07:15			1	4	3	5	4	9			0	6	6	8	6	14
07:30			4	7	10	5	14	12			3	4	7	4	10	8
07:45			2	5	13	5	15	10			1	9	16	9	17	18
08:00			3	8	8	3	11	11			3	5	3	2	6	7
08:15			10	5	12	3	22	8			8	3	14	4	22	7
08:30			8	3	15	2	23	5			6	3	17	6	23	9
08:45			7	5	14	2	21	7			14	4	11	7	25	11
09:00			8	1	5	3	13	4			8	3	5	2	13	5
09:15			4	2	9	0	13	2			5	5	6	4	11	9
09:30			3	1	5	3	8	4			4	3	5	2	9	5
09:45			4	2	1	4	5	6			5	5	6	5	11	10
10:00			3	4	8	1	11	5			2	5	4	1	6	6
10:15			5	3	6	1	11	4			7	2	5	1	12	3
10:30			3	0	3	1	6	1			2	5	8	2	10	7
10:45			5	1	2	1	7	2			3	2	2	0	5	2
11:00			2	3	4	2	6	5			4	4	4	0	8	4
11:15			3	2	3	3	6	5			7	4	2	3	9	7
11:30			2	0	6	0	8	0			2	3	4	1	6	4
11:45			5	1	3	0	8	1			5	1	6	1	11	2
Total			113	319	167	235	280	554			111	382	169	251	280	633
Day Total			432		402		834				493		420		913	
% Total			13.5%	38.2%	20.0%	28.2%					12.2%	41.8%	18.5%	27.5%		
Peak	-		08:15	04:45	08:00	03:30	08:15	04:45	-		08:15	04:00	07:45	05:15	08:15	05:15
Vol.	-		33	65	49	38	79	101	-		36	83	50	43	83	114
P.H.F.			0.825	0.855	0.817	0.864	0.859	0.842			0.643	0.830	0.735	0.768	0.830	0.838
ADT			ADT 874		AADT 874											

HOWARD UNIVERSITY
TRANSPORTATION DATA CENTER

2300 6TH STREET, NW
WASHINGTON, DC 20059

4800 BLOCK OF 7TH STREET, NW - SPEED

NB

Start Time	10	11	16	21	26	31	36	41	46	51	56	61	66	71	Total
06/06/23	0	2	1	5	0	0	0	0	0	0	0	0	0	0	8
01:00	1	1	2	0	0	0	0	0	0	0	0	0	0	0	4
02:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
03:00	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	2	0	1	0	0	0	0	0	0	0	0	0	0	3
06:00	2	5	2	2	1	0	0	0	0	0	0	0	0	0	12
07:00	1	1	1	3	2	0	0	0	0	0	0	0	0	0	8
08:00	3	1	6	13	5	0	0	0	0	0	0	0	0	0	28
09:00	1	7	3	4	2	2	0	0	0	0	0	0	0	0	19
10:00	3	3	3	5	2	0	0	0	0	0	0	0	0	0	16
11:00	3	3	4	1	1	0	0	0	0	0	0	0	0	0	12
12 PM	1	2	8	6	3	0	0	0	0	0	0	0	0	0	20
13:00	0	5	6	4	1	0	0	0	0	0	0	0	0	0	16
14:00	2	3	5	9	6	0	0	0	0	0	0	0	0	0	25
15:00	3	6	9	13	3	1	0	0	0	0	0	0	0	0	35
16:00	3	5	16	32	3	1	0	0	0	0	0	0	0	0	60
17:00	3	7	20	23	7	0	1	0	0	0	0	0	0	0	61
18:00	3	7	18	9	3	0	0	0	0	0	0	0	0	0	40
19:00	1	1	7	11	0	1	0	0	0	0	0	0	0	0	21
20:00	2	4	3	8	3	1	0	0	0	0	0	0	0	0	21
21:00	0	0	3	1	1	0	1	0	0	0	0	0	0	0	6
22:00	2	0	1	3	1	0	0	1	0	0	0	0	0	0	8
23:00	0	1	0	4	1	0	0	0	0	0	0	0	0	0	6
Total	34	67	118	158	46	6	2	1	0	0	0	0	0	0	432

HOWARD UNIVERSITY TRANSPORTATION DATA CENTER

2300 6TH STREET, NW
WASHINGTON, DC 20059

4800 BLOCK OF 7TH STREET, NW - SPEED

NB

Start Time	10	11	15	16	20	21	25	26	30	31	35	36	40	41	45	46	50	51	55	56	60	61	65	66	70	71	9999	Total
06/07/23	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
01:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	0	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
03:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
05:00	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
06:00	2	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
07:00	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
08:00	5	5	10	8	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31
09:00	2	2	7	9	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22
10:00	2	4	4	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
11:00	2	3	4	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
12 PM	4	7	2	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22
13:00	2	0	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
14:00	1	5	9	11	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32
15:00	0	9	9	11	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
16:00	7	18	15	35	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	83
17:00	3	11	32	16	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65
18:00	3	7	16	12	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44
19:00	3	6	12	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24
20:00	2	3	7	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
21:00	2	0	10	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
22:00	1	3	3	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
23:00	1	0	4	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Total	47	86	157	149	50	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	493
Grand Total	81	153	275	307	96	9	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	925

15th Percentile : 11 MPH
 50th Percentile : 19 MPH
 85th Percentile : 24 MPH
 95th Percentile : 28 MPH

Stats
 Mean Speed(Average) : 19 MPH
 10 MPH Pace Speed : 16-25 MPH
 Number in Pace : 582
 Percent in Pace : 62.9%
 Number of Vehicles > 25 MPH : 109
 Percent of Vehicles > 25 MPH : 11.8%

**HOWARD UNIVERSITY
TRANSPORTATION DATA CENTER**

2300 6TH STREET, NW
WASHINGTON, DC 20059

4800 BLOCK OF 7TH STREET, NW - SPEED

SB

Start Time	10	11	16	21	26	31	36	41	46	51	56	61	66	71	9999	Total
06/06/23	0	0	3	0	1	0	0	0	0	0	0	0	0	0	0	4
01:00	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
02:00	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
03:00	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
04:00	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	2
05:00	1	1	3	1	0	0	0	0	0	0	0	0	0	0	0	6
06:00	2	3	4	6	0	0	0	0	0	0	0	0	0	0	0	15
07:00	3	0	11	12	1	1	0	0	0	0	0	0	0	0	0	28
08:00	3	1	17	19	7	2	0	0	0	0	0	0	0	0	0	49
09:00	1	1	7	9	2	0	0	0	0	0	0	0	0	0	0	20
10:00	0	2	6	8	3	0	0	0	0	0	0	0	0	0	0	19
11:00	2	1	5	8	0	0	0	0	0	0	0	0	0	0	0	16
12 PM	1	3	7	4	0	0	0	0	0	0	0	0	0	0	0	15
13:00	0	3	7	8	0	0	0	0	0	0	0	0	0	0	0	18
14:00	0	1	8	4	3	0	0	0	0	0	0	0	0	0	0	16
15:00	1	9	12	12	3	0	0	0	0	0	0	0	0	0	0	37
16:00	2	4	16	12	0	0	0	0	0	0	0	0	0	0	0	34
17:00	3	10	12	8	1	0	0	0	0	0	0	0	0	0	0	34
18:00	5	5	13	4	3	0	0	0	0	0	0	0	0	0	0	30
19:00	2	5	9	3	2	1	0	0	0	0	0	0	0	0	0	22
20:00	1	2	4	2	1	0	0	0	0	0	0	0	0	0	0	10
21:00	0	1	7	2	0	0	0	0	0	0	0	0	0	0	0	10
22:00	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
23:00	0	0	0	4	0	0	1	0	0	0	0	0	0	0	0	5
Total	27	52	161	129	27	5	1	0	0	0	0	0	0	0	0	402

HOWARD UNIVERSITY TRANSPORTATION DATA CENTER

2300 6TH STREET, NW
WASHINGTON, DC 20059

4800 BLOCK OF 7TH STREET, NW - SPEED

SB

Start Time	10	11	16	21	26	31	36	41	46	51	56	61	66	71	9999	Total
06/07/23	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	4
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
03:00	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	3
04:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
05:00	1	2	3	2	1	0	0	0	0	0	0	0	0	0	0	9
06:00	0	3	4	4	3	0	0	0	0	0	0	0	0	0	0	14
07:00	4	0	15	11	3	0	0	0	0	0	0	0	0	0	0	33
08:00	1	5	14	17	7	1	0	0	0	0	0	0	0	0	0	45
09:00	1	3	7	8	2	1	0	0	0	0	0	0	0	0	0	22
10:00	2	7	1	7	2	0	0	0	0	0	0	0	0	0	0	19
11:00	2	4	7	3	0	0	0	0	0	0	0	0	0	0	0	16
12 PM	4	4	6	5	1	0	0	0	0	0	0	0	0	0	0	20
13:00	4	5	6	4	2	0	0	0	0	0	0	0	0	0	0	21
14:00	1	3	6	5	3	0	0	0	0	0	0	0	0	0	0	18
15:00	2	3	9	11	2	0	0	0	0	0	0	0	0	0	0	27
16:00	2	4	10	10	2	0	0	0	0	0	0	0	0	0	0	28
17:00	4	2	15	14	1	0	0	0	0	0	0	0	0	0	0	36
18:00	2	7	15	10	1	1	0	0	0	0	0	0	0	0	0	36
19:00	3	5	8	7	1	0	0	0	0	0	0	0	0	0	0	24
20:00	1	2	7	6	3	0	0	0	0	0	0	0	0	0	0	19
21:00	0	3	8	2	0	0	0	0	0	0	0	0	0	0	0	13
22:00	0	0	3	0	1	0	0	0	0	0	0	0	0	0	0	4
23:00	0	0	3	1	1	0	0	0	0	0	0	0	0	0	0	5
Total	34	65	151	131	36	3	0	0	0	0	0	0	0	0	0	420
Grand Total	61	117	312	260	63	8	1	0	0	0	0	0	0	0	0	822

15th Percentile : 12 MPH
 50th Percentile : 18 MPH
 85th Percentile : 24 MPH
 95th Percentile : 27 MPH

Stats
 Mean Speed(Average) : 19 MPH
 10 MPH Pace Speed : 16-25 MPH
 Number in Pace : 572
 Percent in Pace : 69.6%
 Number of Vehicles > 25 MPH : 72
 Percent of Vehicles > 25 MPH : 8.8%

HOWARD UNIVERSITY
TRANSPORTATION DATA CENTER

2300 6TH STREET, NW
WASHINGTON, DC 20059

4800 BLOCK OF 7TH STREET, NW - SPEED

NB, SB

Start	1	11	16	21	26	31	36	41	46	51	56	61	66	71	Total	
Time	10	15	20	25	30	35	40	45	50	55	60	65	70	9999		
06/06/23	0	2	4	5	1	0	0	0	0	0	0	0	0	0	0	12
01:00	1	1	5	0	0	0	0	0	0	0	0	0	0	0	0	7
02:00	0	0	2	1	1	0	0	0	0	0	0	0	0	0	0	4
03:00	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	4
04:00	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	2
05:00	1	3	3	2	0	0	0	0	0	0	0	0	0	0	0	9
06:00	4	8	6	8	1	0	0	0	0	0	0	0	0	0	0	27
07:00	4	1	12	15	3	1	0	0	0	0	0	0	0	0	0	36
08:00	6	2	23	32	12	2	0	0	0	0	0	0	0	0	0	77
09:00	2	8	10	13	4	2	0	0	0	0	0	0	0	0	0	39
10:00	3	5	9	13	5	0	0	0	0	0	0	0	0	0	0	35
11:00	5	4	9	9	1	0	0	0	0	0	0	0	0	0	0	28
12 PM	2	5	15	10	3	0	0	0	0	0	0	0	0	0	0	35
13:00	0	8	13	12	1	0	0	0	0	0	0	0	0	0	0	34
14:00	2	4	13	13	9	0	0	0	0	0	0	0	0	0	0	41
15:00	4	15	21	25	6	1	0	0	0	0	0	0	0	0	0	72
16:00	5	9	32	44	3	1	0	0	0	0	0	0	0	0	0	94
17:00	6	17	32	31	8	0	1	0	0	0	0	0	0	0	0	95
18:00	8	12	31	13	6	0	0	0	0	0	0	0	0	0	0	70
19:00	3	6	16	14	2	2	0	0	0	0	0	0	0	0	0	43
20:00	3	6	7	10	4	1	0	0	0	0	0	0	0	0	0	31
21:00	0	1	10	3	1	0	1	0	0	0	0	0	0	0	0	16
22:00	2	0	4	4	1	0	0	1	0	0	0	0	0	0	0	12
23:00	0	1	0	8	1	0	1	0	0	0	0	0	0	0	0	11
Total	61	119	279	287	73	11	3	1	0	0	0	0	0	0	0	834

HOWARD UNIVERSITY TRANSPORTATION DATA CENTER

2300 6TH STREET, NW
WASHINGTON, DC 20059

4800 BLOCK OF 7TH STREET, NW - SPEED

NB, SB

Start Time	10	11	16	21	26	31	36	41	46	51	56	61	66	71	9999	Total
06/07/23	3	4	1	1	0	0	0	0	0	0	0	0	0	0	0	9
01:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	0	3	4	1	0	0	0	0	0	0	0	0	0	0	8
03:00	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	4
04:00	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	2
05:00	2	2	3	4	1	0	0	0	0	0	0	0	0	0	0	12
06:00	2	3	4	5	5	0	0	0	0	0	0	0	0	0	0	19
07:00	5	1	16	12	4	0	0	0	0	0	0	0	0	0	0	38
08:00	6	10	24	25	10	1	0	0	0	0	0	0	0	0	0	76
09:00	3	5	14	17	4	1	0	0	0	0	0	0	0	0	0	44
10:00	4	11	5	10	3	0	0	0	0	0	0	0	0	0	0	33
11:00	4	7	11	10	2	0	0	0	0	0	0	0	0	0	0	34
12 PM	8	11	8	12	3	0	0	0	0	0	0	0	0	0	0	42
13:00	6	5	14	12	4	0	0	0	0	0	0	0	0	0	0	41
14:00	2	8	15	16	7	2	0	0	0	0	0	0	0	0	0	50
15:00	2	12	18	22	8	0	0	0	0	0	0	0	0	0	0	62
16:00	9	22	25	45	10	0	0	0	0	0	0	0	0	0	0	111
17:00	7	13	47	30	3	1	0	0	0	0	0	0	0	0	0	101
18:00	5	14	31	22	7	1	0	0	0	0	0	0	0	0	0	80
19:00	6	11	20	9	2	0	0	0	0	0	0	0	0	0	0	48
20:00	3	5	14	9	3	0	0	0	0	0	0	0	0	0	0	34
21:00	2	3	18	4	2	0	0	0	0	0	0	0	0	0	0	29
22:00	1	3	6	5	3	0	0	0	0	0	0	0	0	0	0	18
23:00	1	0	7	5	4	0	0	0	0	0	0	0	0	0	0	17
Total	81	151	308	280	86	6	1	0	0	0	0	0	0	0	0	913
Grand Total	142	270	587	567	159	17	4	1	0	0	0	0	0	0	0	1747

15th Percentile : 12 MPH
 50th Percentile : 18 MPH
 85th Percentile : 24 MPH
 95th Percentile : 27 MPH

Stats
 Mean Speed(Average) : 19 MPH
 10 MPH Pace Speed : 16-25 MPH
 Number in Pace : 1154
 Percent in Pace : 66.1%
 Number of Vehicles > 25 MPH : 181
 Percent of Vehicles > 25 MPH : 10.4%

HOWARD UNIVERSITY TRANSPORTATION DATA CENTER

2300 6TH STREET, NW
WASHINGTON, DC 20059

4800 BLOCK OF 7TH STREET, NW - CLASSIFICATION

NB

Start Time	Motor	Cars Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Doubl	5 Axle Doubl	>6 Axl Doubl	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Bicycl	Not Class	Total
06/06/23	0	3	5	0	0	0	0	0	0	0	0	0	0	0	0	8
01:00	0	3	0	1	0	0	0	0	0	0	0	0	0	0	0	4
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
06:00	2	5	0	0	2	1	0	0	0	0	0	0	0	0	2	12
07:00	0	3	2	1	2	0	0	0	0	0	0	0	0	0	0	8
08:00	0	15	7	2	0	0	0	0	0	0	0	0	0	0	4	28
09:00	0	9	3	1	1	1	1	1	0	0	0	0	0	1	1	19
10:00	0	7	1	0	4	1	0	0	0	0	0	0	0	0	3	16
11:00	0	5	2	0	1	1	0	0	0	0	0	0	0	0	3	12
12 PM	0	13	5	0	1	0	0	0	0	0	0	0	0	1	0	20
13:00	1	6	5	0	1	0	0	0	0	0	0	0	0	3	0	16
14:00	0	15	4	1	2	0	0	0	0	0	0	0	0	2	1	25
15:00	5	21	3	0	0	0	0	0	0	0	0	0	0	6	0	35
16:00	0	43	10	1	3	0	0	0	0	0	0	0	0	0	3	60
17:00	0	44	11	0	1	0	0	1	0	0	0	0	0	4	0	61
18:00	0	29	3	1	2	0	0	0	0	0	0	0	0	3	2	40
19:00	0	17	3	0	0	0	0	0	0	0	0	0	0	0	1	21
20:00	1	14	2	1	1	0	0	0	0	0	0	0	0	0	2	21
21:00	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6
22:00	0	7	0	0	1	0	0	0	0	0	0	0	0	0	0	8
23:00	0	5	1	0	0	0	0	0	0	0	0	0	0	0	0	6
Total	9	276	67	9	22	4	1	2	0	0	0	0	0	20	22	432
Percent	2.1%	63.9%	15.5%	2.1%	5.1%	0.9%	0.2%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	4.6%	5.1%	

HOWARD UNIVERSITY TRANSPORTATION DATA CENTER

2300 6TH STREET, NW
WASHINGTON, DC 20059

4800 BLOCK OF 7TH STREET, NW - CLASSIFICATION

NB

Start Time	Motor	Cars Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Doubl	5 Axle Doubl	>6 Axl Doubl	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Bicycl	Not Class	Total
06/07/2																
3	0	2	0	0	0	0	0	0	0	0	0	0	0	1	2	5
01:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	5
03:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
04:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
05:00	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	3
06:00	0	3	1	0	0	0	0	0	0	0	0	0	0	0	1	5
07:00	0	2	1	0	0	0	0	0	0	0	0	0	0	2	0	5
08:00	0	18	5	1	1	0	0	0	1	0	0	0	0	2	3	31
09:00	1	13	4	1	1	0	0	0	0	0	0	0	0	0	2	22
10:00	0	6	4	0	1	0	0	0	0	0	0	0	0	3	0	14
11:00	0	9	4	0	3	1	0	0	0	0	0	0	0	0	1	18
12 PM	0	13	3	0	2	0	0	0	0	0	0	0	0	1	3	22
13:00	0	13	4	1	0	0	0	0	0	0	0	0	0	0	2	20
14:00	1	19	7	1	3	0	0	0	0	0	0	0	0	1	0	32
15:00	0	23	7	0	2	0	0	0	0	0	0	0	0	3	0	35
16:00	0	51	20	3	4	1	0	0	0	0	0	0	0	2	2	83
17:00	0	49	8	0	4	0	0	0	0	0	0	0	0	4	0	65
18:00	0	31	6	0	1	0	0	0	0	0	0	0	0	3	3	44
19:00	0	17	0	0	2	0	0	0	0	0	0	0	0	4	1	24
20:00	0	11	2	0	1	0	0	0	0	0	0	0	0	0	1	15
21:00	0	12	1	1	0	0	0	0	0	0	0	0	0	0	2	16
22:00	1	11	0	0	0	0	0	0	0	0	0	0	0	0	2	14
23:00	2	7	2	0	0	0	0	0	0	0	0	0	0	1	0	12
Total	5	316	83	8	26	2	0	0	1	0	0	0	0	27	25	493
Percent	1.0%	64.1%	16.8%	1.6%	5.3%	0.4%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	5.5%	5.1%	
Total	14	592	150	17	48	6	1	2	1	0	0	0	0	47	47	925
Percent	1.5%	64.0%	16.2%	1.8%	5.2%	0.6%	0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	5.1%	5.1%	

HOWARD UNIVERSITY TRANSPORTATION DATA CENTER

2300 6TH STREET, NW
WASHINGTON, DC 20059

4800 BLOCK OF 7TH STREET, NW - CLASSIFICATION

SB

Start Time	Motor	Cars Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Doubl	5 Axle Doubl	>6 Axl Doubl	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Bicycl	Not Class	Total
06/06/2																
3	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	4
01:00	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	3
02:00	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
03:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
04:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
05:00	0	4	1	0	0	0	0	0	0	0	0	0	0	0	1	6
06:00	1	11	1	0	0	1	0	0	0	0	0	0	0	1	0	15
07:00	1	20	3	0	1	0	0	0	0	0	0	0	0	1	2	28
08:00	0	35	12	0	1	0	0	0	0	0	0	0	0	1	0	49
09:00	0	15	3	0	1	0	0	0	0	0	0	0	0	0	1	20
10:00	0	16	1	0	1	1	0	0	0	0	0	0	0	0	0	19
11:00	2	10	2	1	1	0	0	0	0	0	0	0	0	0	0	16
12 PM	0	10	4	0	0	1	0	0	0	0	0	0	0	0	0	15
13:00	0	13	2	0	0	1	0	0	0	0	0	0	0	0	2	18
14:00	0	12	3	0	0	0	0	0	0	0	0	0	0	0	1	16
15:00	0	23	9	0	1	1	0	0	0	0	0	0	0	1	2	37
16:00	2	23	7	0	0	0	0	0	0	0	0	0	0	0	2	34
17:00	1	27	3	0	1	1	0	0	0	0	0	0	0	0	1	34
18:00	1	21	2	0	2	1	0	0	0	0	0	0	0	2	1	30
19:00	0	16	4	0	0	0	0	0	0	0	0	0	0	2	0	22
20:00	0	6	2	0	1	1	0	0	0	0	0	0	0	0	0	10
21:00	0	7	1	0	1	0	0	0	0	0	0	0	0	0	1	10
22:00	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
23:00	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	5
Total	8	288	64	1	11	8	0	0	0	0	0	0	0	8	14	402
Percent	2.0%	71.6%	15.9%	0.2%	2.7%	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.0%	3.5%	

HOWARD UNIVERSITY TRANSPORTATION DATA CENTER

2300 6TH STREET, NW
WASHINGTON, DC 20059

4800 BLOCK OF 7TH STREET, NW - CLASSIFICATION

SB

Start Time	Motor	Cars Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Doubl	5 Axle Doubl	>6 Axl Doubl	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Bicycl	Not Class	Total
06/07/2																
3	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	4
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	3
03:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	3
04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
05:00	1	6	1	0	0	0	0	0	0	0	0	0	0	0	1	9
06:00	1	12	0	0	0	0	0	0	0	0	0	0	0	0	1	14
07:00	2	25	3	0	0	0	0	0	0	0	0	0	0	1	2	33
08:00	0	36	6	0	1	0	0	0	0	0	0	0	0	0	2	45
09:00	0	12	6	1	2	1	0	0	0	0	0	0	0	0	0	22
10:00	1	11	3	0	1	0	0	0	0	0	0	0	0	1	2	19
11:00	0	9	2	0	1	3	0	0	0	0	0	0	0	0	1	16
12 PM	0	9	5	0	3	0	0	0	0	0	0	0	0	2	1	20
13:00	0	12	2	0	3	1	0	0	0	0	0	0	0	2	1	21
14:00	0	16	1	0	1	0	0	0	0	0	0	0	0	0	0	18
15:00	1	16	8	1	0	0	0	0	0	0	0	0	0	0	1	27
16:00	1	22	3	0	1	0	0	0	0	0	0	0	0	0	1	28
17:00	1	26	6	0	2	0	0	0	0	0	0	0	0	0	1	36
18:00	0	26	7	0	1	0	0	1	0	0	0	0	0	1	0	36
19:00	0	18	0	0	1	1	0	0	0	0	0	0	0	2	2	24
20:00	0	15	2	0	1	1	0	0	0	0	0	0	0	0	0	19
21:00	0	11	1	0	0	1	0	0	0	0	0	0	0	0	0	13
22:00	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	4
23:00	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0	5
Total	8	296	61	2	18	8	0	1	0	0	0	0	0	9	17	420
Percent	1.9%	70.5%	14.5%	0.5%	4.3%	1.9%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	2.1%	4.0%	
Total	16	584	125	3	29	16	0	1	0	0	0	0	0	17	31	822
Percent	1.9%	71.0%	15.2%	0.4%	3.5%	1.9%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	2.1%	3.8%	

HOWARD UNIVERSITY TRANSPORTATION DATA CENTER

2300 6TH STREET, NW
WASHINGTON, DC 20059

4800 BLOCK OF 7TH STREET, NW - CLASSIFICATION

NB, SB

Start Time	Motor	Cars Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Doubl	5 Axle Doubl	>6 Axl Doubl	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Bicycl	Not Class	Total
06/06/23	0	6	6	0	0	0	0	0	0	0	0	0	0	0	0	12
01:00	0	5	1	1	0	0	0	0	0	0	0	0	0	0	0	7
02:00	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
03:00	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
04:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
05:00	0	7	1	0	0	0	0	0	0	0	0	0	0	0	1	9
06:00	3	16	1	0	2	2	0	0	0	0	0	0	0	1	2	27
07:00	1	23	5	1	3	0	0	0	0	0	0	0	0	1	2	36
08:00	0	50	19	2	1	0	0	0	0	0	0	0	0	1	4	77
09:00	0	24	6	1	2	1	1	1	0	0	0	0	0	1	2	39
10:00	0	23	2	0	5	2	0	0	0	0	0	0	0	0	3	35
11:00	2	15	4	1	2	1	0	0	0	0	0	0	0	0	3	28
12 PM	0	23	9	0	1	1	0	0	0	0	0	0	0	1	0	35
13:00	1	19	7	0	1	1	0	0	0	0	0	0	0	3	2	34
14:00	0	27	7	1	2	0	0	0	0	0	0	0	0	2	2	41
15:00	5	44	12	0	1	1	0	0	0	0	0	0	0	7	2	72
16:00	2	66	17	1	3	0	0	0	0	0	0	0	0	0	5	94
17:00	1	71	14	0	2	1	0	1	0	0	0	0	0	4	1	95
18:00	1	50	5	1	4	1	0	0	0	0	0	0	0	5	3	70
19:00	0	33	7	0	0	0	0	0	0	0	0	0	0	2	1	43
20:00	1	20	4	1	2	1	0	0	0	0	0	0	0	0	2	31
21:00	0	13	1	0	1	0	0	0	0	0	0	0	0	0	1	16
22:00	0	11	0	0	1	0	0	0	0	0	0	0	0	0	0	12
23:00	0	8	3	0	0	0	0	0	0	0	0	0	0	0	0	11
Total	17	564	131	10	33	12	1	2	0	0	0	0	0	28	36	834
Percent	2.0%	67.6%	15.7%	1.2%	4.0%	1.4%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	3.4%	4.3%	

HOWARD UNIVERSITY TRANSPORTATION DATA CENTER

2300 6TH STREET, NW
WASHINGTON, DC 20059

4800 BLOCK OF 7TH STREET, NW - CLASSIFICATION

NB, SB

Start Time	Motor	Cars Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Doubl	5 Axle Doubl	>6 Axl Doubl	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Bicycl	Not Class	Total
06/07/2																
3	0	5	1	0	0	0	0	0	0	0	0	0	0	1	2	9
01:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	5	3	0	0	0	0	0	0	0	0	0	0	0	0	8
03:00	0	2	1	0	0	0	0	0	0	0	0	0	0	0	1	4
04:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
05:00	1	8	1	0	1	0	0	0	0	0	0	0	0	0	1	12
06:00	1	15	1	0	0	0	0	0	0	0	0	0	0	0	2	19
07:00	2	27	4	0	0	0	0	0	0	0	0	0	0	3	2	38
08:00	0	54	11	1	2	0	0	0	1	0	0	0	0	2	5	76
09:00	1	25	10	2	3	1	0	0	0	0	0	0	0	0	2	44
10:00	1	17	7	0	2	0	0	0	0	0	0	0	0	4	2	33
11:00	0	18	6	0	4	4	0	0	0	0	0	0	0	0	2	34
12 PM	0	22	8	0	5	0	0	0	0	0	0	0	0	3	4	42
13:00	0	25	6	1	3	1	0	0	0	0	0	0	0	2	3	41
14:00	1	35	8	1	4	0	0	0	0	0	0	0	0	1	0	50
15:00	1	39	15	1	2	0	0	0	0	0	0	0	0	3	1	62
16:00	1	73	23	3	5	1	0	0	0	0	0	0	0	2	3	111
17:00	1	75	14	0	6	0	0	0	0	0	0	0	0	4	1	101
18:00	0	57	13	0	2	0	0	1	0	0	0	0	0	4	3	80
19:00	0	35	0	0	3	1	0	0	0	0	0	0	0	6	3	48
20:00	0	26	4	0	2	1	0	0	0	0	0	0	0	0	1	34
21:00	0	23	2	1	0	1	0	0	0	0	0	0	0	0	2	29
22:00	1	14	1	0	0	0	0	0	0	0	0	0	0	0	2	18
23:00	2	11	3	0	0	0	0	0	0	0	0	0	0	1	0	17
Total	13	612	144	10	44	10	0	1	1	0	0	0	0	36	42	913
Percent	1.4%	67.0%	15.8%	1.1%	4.8%	1.1%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	3.9%	4.6%	
Total	30	1176	275	20	77	22	1	3	1	0	0	0	0	64	78	1747
Percent	1.7%	67.3%	15.7%	1.1%	4.4%	1.3%	0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	3.7%	4.5%	