

APPENDIX A

Appendix A Michigan St. Bridge Daily Bridge Operations

URS
September 2006

Year: 1996

	January	February	March	April	May	June	July	August	September	October	November	December												
1	0	0	3	0	0	0	1	0	10	1	2	10	7	11	3	12	2	12	0	4	6	0	No Data	
2	0	0	0	0	0	0	2	0	4	0	1	8	5	11	4	15	6	12	2	0	6	1		
3	4	0	0	0	1	0	0	1	4	2	3	5	19	6	16	7	11	1	2	2	2	2		
4	2	0	0	0	0	0	4	0	2	5	2	2	3	16	2	13	4	10	2	4	2	2		
5	3	0	0	0	1	0	8	0	0	0	6	5	9	11	7	9	9	10	3	10	2	0		
6	0	0	0	0	0	0	2	0	1	3	0	7	4	16	5	12	5	10	2	8	2	0		
7	0	0	0	0	1	0	1	0	3	0	2	4	5	15	4	11	0	15	8	2	7	0		
8	0	0	7	0	2	0	2	0	8	2	5	12	7	6	4	13	3	11	5	6	2	0		
9	0	0	7	0	0	0	1	0	2	4	5	13	6	9	2	14	7	7	4	1	2	0		
10	2	0	2	0	0	0	6	0	4	1	0	4	9	7	0	15	6	8	5	0	2	0		
11	4	0	2	0	0	0	5	0	5	5	3	4	5	13	3	14	3	5	2	7	0	0		
12	2	0	0	0	4	0	1	0	3	7	10	6	4	11	7	9	3	2	6	8	1	0		
13	0	0	0	0	0	0	2	0	4	4	1	10	5	13	5	10	2	1	4	10	5	0		
14	0	0	0	0	6	0	0	0	4	2	4	16	5	16	3	12	2	4	0	3	2	0		
15	0	0	4	0	4	0	2	0	4	1	2	16	10	14	5	9	2	10	1	1	2	0		
16	0	0	3	0	2	0	1	0	5	1	0	13	7	13	9	14	3	5	4	1	2	0		
17	7	0	0	0	1	0	2	0	4	4	5	6	5	13	1	16	3	6	4	0	2	0		
18	0	0	0	0	0	0	0	0	2	11	5	4	8	8	2	17	4	7	3	1	4	0		
19	4	0	0	0	1	0	3	0	7	7	4	10	3	9	6	9	4	7	0	4	2	0		
20	0	0	2	0	1	0	2	0	8	5	7	11	1	17	6	11	4	9	0	0	1	0		
21	0	0	0	0	2	0	2	0	6	5	4	12	5	16	4	10	2	9	0	2	2	0		
22	0	0	3	0	0	0	1	0	4	8	3	15	5	18	4	7	3	9	4	1	4	0		
23	5	0	1	0	5	0	1	0	2	5	2	10	6	14	3	13	9	5	2	0	0	0		
24	0	0	2	0	0	0	1	2	5	8	3	5	6	14	3	15	6	2	2	0	0	0		
25	0	0	0	0	0	0	0	0	6	11	6	7	5	11	3	12	4	8	5	4	3	0		
26	0	0	0	0	7	0	2	0	4	13	5	9	3	11	7	7	3	0	2	0	1	0		
27	0	0	5	0	7	0	3	0	3	10	9	11	1	16	10	7	1	1	2	0	2	0		
28	5	0	0	0	4	0	0	0	1	2	8	14	3	12	4	10	7	6	1	0	0	0		
29	0	0	0	0	0	0	5	0	2	2	2	16	5	9	4	9	6	6	1	1	0	0		
30	3	0			1	0	5	0	2	6	3	14	9	7	5	12	5	4	0	0	3	0		
31	1	0			0	0			4	10			12	9	2	13			0	0				
Total	42	0	41	0	50	0	65	2	120	147	111	277	173	385	133	366	125	212	75	80	69	5	0	0

	Openings		
	Commercial	Pleasure	Both
Yearly Total	1004	1474	2478
Monthly High	173	385	558
Highest Month	July	July	July
Highest Weekend or Holiday	7 Openings (Sep 28)	17 Openings (Jul 20, Aug 18)	22 Openings (Aug 3)
Highest Weekday	12 Openings (July 31)	19 Openings (July 3)	24 Openings (July 3)

Bold Red Numbers = Commercial Vessel
Blue Numbers = Pleasure Vessel

 Saturday
 Sunday

**Appendix A
Michigan St. Bridge
Daily Bridge Operations**

URS
September 2006

Year: 2003

	January	February	March	April	May	June	July	August	September	October	November	December												
1	0	0	0	0	1	0	1	0	1	0	1	11	6	8	6	9	6	9	0	3	4	0	0	0
2	0	0	4	0	0	0	0	3	2	4	6	4	10	7	11	3	9	5	5	0	0	1	0	
3	2	0	2	0	0	0	0	4	8	4	5	2	13	8	9	9	9	2	4	4	0	10	0	
4	0	0	1	0	0	0	1	0	0	1	1	4	4	12	7	11	2	7	0	8	0	0	1	0
5	3	0	0	0	0	5	0	2	0	2	4	5	10	6	9	4	11	2	3	6	1	2	0	
6	0	0	1	0	0	0	1	0	5	2	7	3	6	9	5	9	5	12	4	4	4	0	2	0
7	0	0	5	0	0	0	0	3	1	4	5	2	8	8	10	2	11	2	4	0	0	0	0	
8	4	0	0	0	0	0	3	0	2	2	0	5	10	7	5	10	9	6	3	10	4	1	0	0
9	0	0	0	0	2	0	6	0	0	1	6	7	4	8	8	12	5	6	5	9	0	0	2	0
10	0	0	0	0	3	0	2	0	1	8	2	2	4	9	6	10	3	10	4	5	3	0	3	0
11	5	0	0	0	0	0	5	0	0	0	9	3	8	14	6	6	4	5	0	6	0	0	5	0
12	3	0	1	0	2	0	3	0	0	0	4	9	5	10	8	8	4	4	3	2	0	0	0	0
13	6	0	8	0	6	0	3	0	1	5	4	6	4	10	9	10	6	3	5	1	0	0	0	0
14	4	0	0	0	5	0	1	0	1	6	8	8	8	13	4	9	7	5	6	2	3	0	0	0
15	7	0	0	0	0	0	2	0	2	4	5	9	6	10	8	10	4	7	1	3	1	1	2	0
16	3	0	0	0	0	0	0	6	5	7	6	5	11	6	9	7	5	0	6	2	0	0	0	0
17	3	0	0	0	0	0	6	1	11	5	5	4	9	6	4	11	7	6	7	2	2	0	2	0
18	0	0	0	0	0	0	3	0	4	6	4	7	7	10	5	8	6	5	2	6	7	0	0	0
19	1	0	0	0	3	0	1	0	3	2	6	3	5	13	7	3	2	4	0	1	4	1	2	0
20	0	0	0	0	1	0	1	0	0	0	8	6	8	7	6	4	3	9	1	7	0	0	0	0
21	0	0	0	0	0	0	9	0	4	4	10	6	4	5	7	6	5	10	0	1	7	0	0	0
22	0	0	0	0	0	0	6	0	4	12	5	7	9	4	6	8	4	2	4	4	5	1	5	0
23	0	0	0	0	0	0	10	1	0	0	5	6	4	12	4	10	5	5	0	1	2	0	0	0
24	1	0	0	0	0	0	5	1	6	8	9	3	4	12	7	10	0	5	3	0	3	0	0	0
25	1	0	0	0	0	0	6	0	5	7	6	6	10	10	7	9	8	5	1	4	0	0	0	0
26	0	0	0	0	2	0	2	3	0	11	6	2	4	4	8	7	0	1	1	0	2	0	0	0
27	0	0	0	0	1	0	0	2	3	4	7	5	13	8	6	4	6	1	1	1	1	0	3	0
28	2	0	0	0	0	0	2	1	0	2	5	8	10	9	3	5	3	3	1	1	0	0	0	0
29	0	0			0	0	1	1	0	4	5	8	7	9	5	10	3	5	2	3	0	0	0	0
30	0	0			3	0	3	3	2	1	8	7	4	9	6	9	0	2	0	2	0	1	0	0
31	0	0			4	0			0	5			9	9	4	9			2	0			0	0
Total	45	0	22	0	32	0	88	13	72	115	154	173	182	294	194	267	130	187	67	108	64	6	40	0

	Openings		
	Commercial	Pleasure	Both
Yearly Total	1090	1163	2253
Monthly High	194	294	476
Highest Month	August	July	July
Highest Weekend or Holiday	11 Openings (May 17)	13 Openings (Jul 19, Jul 27)	18 Openings (Jul 19, Jul 27, Aug 2)
Highest Weekday	10 Openings (Jul 8, Jul 25, Jul 28)	14 Openings (Jul 11)	22 Openings (July 11)

Bold Red Numbers = Commercial Vessel
Blue Numbers = Pleasure Vessel

	Saturday
	Sunday

Appendix A Michigan St. Bridge Daily Bridge Operations

URS
September 2006

Year: 2004

	January	February	March	April	May	June	July	August	September	October	November	December												
1	0	0	0	0	1	0	0	3	2	4	8	6	5	10	3	10	4	4	3	1	4	0		
2	0	0	0	0	3	0	0	0	2	2	9	12	3	6	5	7	4	4	1	0	2	0		
3	0	0	0	0	2	0	0	3	0	0	5	4	15	5	8	4	9	4	1	3	0	7	0	
4	0	0	1	0	5	0	1	0	0	1	3	8	2	10	9	7	7	12	1	6	2	0	0	0
5	0	0	0	0	0	0	5	0	4	3	2	9	8	8	4	9	4	13	4	2	0	1	4	0
6	3	0	0	0	0	5	0	4	4	2	10	8	4	9	11	0	8	2	5	0	0	0	0	
7	0	0	1	0	0	0	6	0	0	2	4	3	13	3	4	10	1	10	4	4	1	0	0	0
8	7	0	0	0	0	2	0	5	4	2	6	12	6	5	7	7	5	2	2	4	0	7	0	
9	0	0	2	0	4	0	1	1	0	0	0	3	14	7	9	5	0	8	5	6	1	0	2	0
10	0	0	4	0	0	0	1	0	1	2	0	5	8	10	1	7	6	8	3	9	0	0	2	0
11	6	0	5	0	0	0	1	0	1	4	5	4	4	10	8	7	2	8	4	3	0	0	2	0
12	0	0	2	0	0	0	1	0	3	3	4	8	6	7	4	6	2	11	4	2	3	0	2	0
13	3	0	0	0	0	4	0	4	5	4	5	3	9	4	7	5	5	9	2	2	1	0	0	0
14	0	0	0	0	0	0	2	0	10	2	14	1	4	7	6	10	6	1	1	4	1	0	1	0
15	1	0	0	0	0	1	0	4	5	5	7	6	11	6	10	2	0	5	2	4	0	0	0	0
16	0	0	2	0	0	0	6	0	6	4	4	8	2	8	14	6	6	5	2	2	2	0	0	0
17	0	0	1	0	0	0	0	2	5	4	8	4	10	12	5	3	7	0	6	2	0	4	0	0
18	0	0	5	0	1	0	3	0	6	7	8	7	7	11	3	6	4	9	2	1	0	0	0	0
19	8	0	0	0	0	2	2	0	3	10	7	3	7	5	9	4	8	0	1	1	0	0	0	0
20	0	0	0	0	3	0	2	2	0	1	3	12	10	9	7	6	3	7	2	4	0	0	0	0
21	4	0	0	0	0	1	0	2	3	5	2	5	7	6	8	6	6	2	2	3	0	0	0	0
22	0	0	0	0	0	3	1	2	5	4	8	5	7	4	8	6	6	2	3	2	0	0	0	0
23	2	0	0	0	5	0	4	0	5	2	7	4	5	10	4	7	5	6	0	1	4	0	0	0
24	9	0	0	0	6	0	7	2	11	1	2	2	6	12	2	10	4	5	1	9	2	0	0	0
25	5	0	0	0	7	0	3	0	7	1	7	8	5	12	8	3	6	8	0	3	2	0	0	0
26	0	0	0	0	3	0	2	1	2	5	4	8	6	16	8	4	2	10	0	0	0	0	0	0
27	3	0	0	0	2	0	3	0	2	1	0	12	6	13	4	9	3	6	2	2	0	0	0	0
28	4	0	0	0	0	0	1	1	3	9	4	6	6	13	4	8	6	2	3	2	5	0	1	0
29	8	0	0	0	7	0	1	1	2	9	7	10	5	9	1	10	4	5	0	2	2	0	2	0
30	0	0			4	0	2	4	2	5	9	6	6	10	0	6	6	5	0	1	1	0	5	0
31					0	0			2	3			4	12	4	7		1	0				0	0
Total	63	0	23	0	52	0	71	15	93	102	127	188	194	291	168	232	122	210	73	95	51	3	45	0

	Openings		
	Commercial	Pleasure	Both
Yearly Total	1082	1136	2218
Monthly High	194	291	485
Highest Month	July	July	July
Highest Weekend or Holiday	10 Openings (June 19)	15 Openings (Jul 3)	19 Openings (Jul 3)
Highest Weekday	14 Openings (Jun 14, Jul 9, Aug 16)	16 Openings (Jul 26)	22 Openings (Jul 26)

Bold Red Numbers = Commercial Vessel
Blue Numbers = Pleasure Vessel

 Saturday
 Sunday

Appendix A Bay View Bridge Daily Bridge Operations

URS
September 2006

Year: 1996

	January	February	March	April	May	June	July	August	September	October	November	December							
1	0	0	1	1	3	1	2	10	2	0	1	0							
2	0	0	0	1	0	1	3	9	1	5	0	2							
3	2	0	1	0	0	0	0	8	12	4	1	0							
4	0	1	0	2	0	1	0	10	9	2	1	0							
5	0	0	0	3	0	0	0	1	9	6	3	0							
6	0	0	0	0	1	1	0	14	2	8	2	1							
7	0	0	1	1	0	1	0	4	6	0	8	2							
8	0	1	0	0	1	8	0	6	1	9	1	5							
9	0	2	0	1	0	1	5	3	1	12	1	1							
10	1	0	0	1	0	1	2	5	11	0	3	1							
11	1	0	1	5	0	2	1	2	8	1	13	0							
12	0	0	1	1	0	2	0	6	2	6	0	2							
13	0	1	0	1	0	2	2	1	9	0	4	0							
14	0	0	1	1	0	2	0	6	1	10	0	6							
15	1	0	1	0	0	1	0	5	1	7	2	7							
16	0	1	1	3	0	0	0	7	0	8	1	9							
17	2	0	0	1	0	0	1	1	0	8	1	11							
18	0	0	1	0	2	4	1	1	0	1	0	16							
19	1	0	0	2	0	0	3	0	1	0	3	0							
20	0	0	0	2	0	1	3	2	7	0	16	0							
21	0	0	0	1	1	1	0	2	1	16	0	6							
22	0	0	0	0	4	0	0	16	1	11	0	1							
23	1	0	2	1	0	1	4	0	24	0	6	1							
24	0	0	0	1	1	1	0	2	0	13	0	6							
25	0	0	1	1	0	0	7	0	2	1	17	0							
26	0	1	4	0	2	5	0	3	0	17	0	3							
27	0	0	3	2	1	2	0	5	1	22	2	6							
28	0	0	1	1	0	0	0	6	2	11	2	5							
29	0	0	0	0	1	0	0	3	0	9	1	7							
30	1	0	1	0	2	2	0	9	1	10	1	2							
31	0	0	0	0	2	3	0	11	1	5	0	0							
Monthly Total	10	9	21	32	36	15	103	16	315	21	237	21	79	19	29	13	0	14	0

	Openings		
	Commercial	Pleasure	Both
Yearly Total	215	799	1014
Monthly High	32	315	331
Highest Month	April	July	July
Highest Weekend or Holiday	3 Openings (Sept 28, Nov 2)	22 Openings (July 27)	23 Openings (July 27)
Highest Weekday	5 Openings (April 11)	24 Openings (July 23)	24 Openings (July 23)

Bold Red Numbers = Commercial Vessel
Blue Numbers = Pleasure Vessel

Saturday
 Sunday

Appendix A Bay View Bridge Daily Bridge Operations

URS
September 2006

Year: 2003

	January	February	March	April	May	June	July	August	September	October	November	December												
1	0	0	1	0	0	1	0	0	0	0	3	1	3	0	7	2	5	0	0	0	0	0	0	
2	0	0	0	0	0	2	0	0	1	0	2	2	4	1	3	0	4	0	2	0	0	0	0	
3	0	0	0	0	0	1	0	0	0	1	1	1	5	3	6	0	1	0	1	0	0	2	0	
4	0	0	0	0	0	0	0	0	0	0	1	0	3	0	5	1	3	0	2	0	0	1	0	
5	1	0	0	0	0	2	0	0	0	0	0	0	9	0	10	0	2	0	2	1	0	0	0	
6	0	0	0	0	0	0	0	1	0	3	1	0	8	0	3	0	3	1	1	0	0	0	0	
7	0	0	0	0	0	0	0	1	1	0	2	0	4	0	10	1	2	0	2	0	0	0	0	
8	2	0	0	0	0	1	0	0	0	0	0	0	7	1	10	1	0	0	1	0	0	0	0	
9	0	0	0	0	0	1	0	0	1	2	2	0	8	0	12	1	2	2	0	0	0	0	0	
10	0	0	0	0	0	0	0	0	2	0	1	0	4	1	7	0	0	0	2	0	0	0	0	
11	3	0	0	0	0	2	0	0	0	0	3	3	8	0	2	0	0	0	2	0	0	0	0	
12	0	0	0	0	0	2	0	0	0	0	1	1	8	0	2	0	0	0	0	0	0	0	0	
13	0	0	0	0	1	0	2	0	3	0	0	1	0	15	0	5	0	4	0	0	0	0	0	
14	1	0	0	0	0	1	0	1	3	1	3	3	8	0	1	0	2	2	0	1	0	0	0	
15	1	0	0	0	0	2	0	1	3	1	3	1	19	0	7	1	1	1	0	0	0	0	0	
16	1	0	0	0	1	0	0	0	1	0	2	0	8	0	2	1	1	0	0	0	0	0	0	
17	0	0	0	0	0	1	0	0	1	0	5	1	9	0	4	0	1	1	0	0	0	0	0	
18	0	0	0	0	0	1	0	0	1	0	2	0	15	0	3	1	1	0	0	0	0	0	0	
19	0	0	0	0	1	0	0	0	0	1	1	1	8	0	3	0	1	0	0	0	0	0	0	
20	0	0	0	0	0	1	0	0	0	0	0	3	0	7	0	4	1	2	0	1	0	0	0	
21	0	0	0	0	0	1	0	2	1	0	6	2	4	0	4	0	5	0	0	0	0	0	0	
22	0	0	0	0	0	0	0	2	0	2	5	0	2	0	1	1	1	1	1	0	0	2	0	
23	0	0	0	0	0	1	0	0	2	1	0	0	8	0	7	0	0	0	2	0	0	0	0	
24	0	0	0	0	0	1	0	1	3	1	1	0	10	0	3	0	0	1	0	1	0	0	0	
25	0	0	0	0	0	0	0	1	2	0	5	0	6	0	2	1	1	0	0	0	0	0	0	
26	0	0	0	0	0	0	0	0	6	0	3	0	3	0	2	0	1	1	0	0	0	0	0	
27	0	0	0	0	0	0	0	0	3	0	4	0	12	0	5	0	2	0	0	0	0	0	0	
28	0	0	0	0	0	2	0	0	1	1	1	0	10	0	2	0	0	0	1	0	0	0	0	
29	0	0	0	0	0	2	0	0	1	0	5	0	10	3	3	0	0	1	0	0	0	0	0	
30	0	0	0	1	0	1	0	0	0	1	2	8	1	12	0	1	0	0	0	0	0	1	0	
31	0	0	0	0	0	0	0	0	0	0	5	0	7	0	0	0	0	0	0	0	0	0	0	
Monthly Total	9	0	1	0	4	0	28	0	13	33	14	68	18	238	10	154	12	46	11	20	3	0	6	0

	Openings		
	Commercial	Pleasure	Both
Yearly Total	129	559	688
Monthly High	28	238	256
Highest Month	April	July	July
Highest Weekend or Holiday	3 Openings (Jan 11, Aug 3)	15 Openings (July 13)	15 Openings (July 13)
Highest Weekday	3 Openings (May 13, Jun 6, Jul 11, Jul 14, Aug 29)	19 Openings (July 15)	20 Openings (July 15)

Bold Red Numbers = Commercial Vessel
Blue Numbers = Pleasure Vessel

Saturday
 Sunday

Appendix A Bay View Bridge Daily Bridge Operations

URS
September 2006

Year: 2004

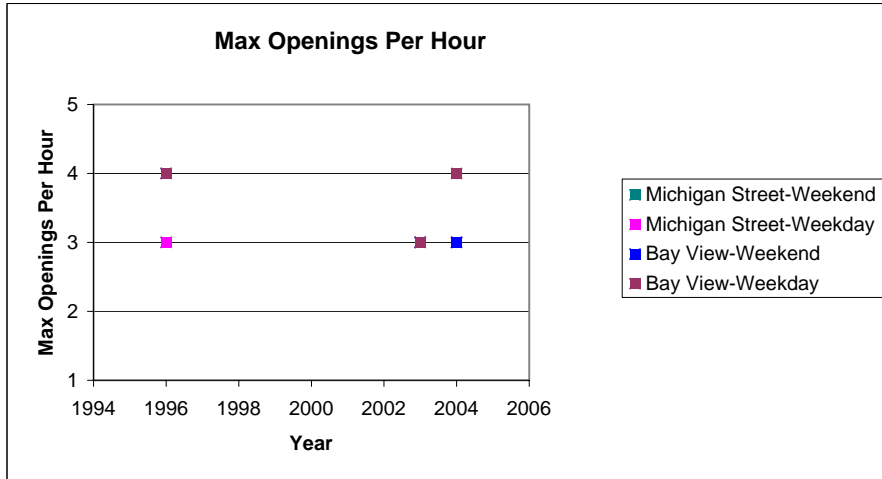
	January	February	March	April	May	June	July	August	September	October	November	December												
1	0	0	0	0	1	0	0	5	2	12	2	3	0	0	0	0	0	0						
2	0	0	0	0	0	0	0	1	9	0	6	1	5	0	1	0	0	1	0					
3	0	0	0	0	0	0	0	0	3	1	7	1	3	0	0	0	0	0	0					
4	0	0	0	0	0	0	0	1	0	3	0	6	0	2	0	0	0	0	0					
5	0	0	0	0	0	0	1	1	3	0	6	0	3	0	6	0	0	0	0					
6	1	0	0	0	0	2	0	0	0	1	9	0	2	0	3	0	0	0	0					
7	0	0	0	0	3	0	0	1	2	1	5	0	9	1	11	0	2	0	0					
8	3	0	0	0	0	0	0	1	0	1	2	6	1	8	1	2	0	2	0					
9	0	0	0	0	1	0	0	0	0	1	0	7	0	3	1	2	0	1	0					
10	0	0	1	0	0	0	0	0	0	4	0	3	2	4	1	2	0	0	0					
11	0	0	0	0	1	0	0	1	0	0	2	7	0	3	0	3	0	0	0					
12	0	0	1	0	0	2	0	1	1	0	1	0	2	0	6	0	2	2	0					
13	1	0	0	0	0	0	2	0	2	0	1	3	0	9	0	3	0	0	0					
14	0	0	0	0	3	0	0	1	0	0	0	7	1	11	0	0	1	0	1					
15	0	0	0	0	0	2	0	0	6	0	0	3	0	4	0	0	0	1	0					
16	0	0	0	0	0	1	2	0	0	0	0	0	2	6	0	0	0	0	1					
17	0	0	0	0	1	0	0	2	0	0	1	0	6	1	4	2	4	0	1					
18	0	0	0	0	0	0	7	1	0	2	1	9	0	2	1	5	0	0	0					
19	1	0	0	0	0	0	0	0	3	1	4	2	5	0	1	0	0	0	0					
20	0	0	0	0	1	0	0	0	1	1	2	0	5	1	1	1	5	0	0					
21	1	0	0	0	0	0	0	0	2	2	1	5	0	6	0	1	0	0	0					
22	0	0	0	0	0	1	0	0	1	4	0	6	0	2	1	0	0	0	0					
23	1	0	0	0	2	0	1	0	1	0	0	3	0	6	0	0	1	3	0					
24	3	0	0	0	3	0	0	0	1	0	2	0	10	1	1	2	3	0	1					
25	1	0	0	0	3	0	1	0	1	0	0	1	19	2	3	0	1	0	0					
26	0	0	0	0	2	0	2	0	3	0	0	4	1	18	0	2	0	2	0					
27	0	0	0	0	0	0	0	0	0	3	0	22	0	3	0	4	0	0	0					
28	1	0	0	0	0	0	0	1	0	5	0	8	0	2	0	0	0	0	1					
29	0	0	0	0	3	0	1	1	0	2	2	4	0	9	0	2	0	1	0					
30	0	0	0	1	0	1	0	2	0	2	0	15	0	4	0	1	0	0	0					
31	0	0	0	0	0	1				0	12	0	3			0	3		0					
Monthly Total	13	0	2	0	17	0	22	2	20	21	11	46	12	224	15	145	17	79	4	18	6	0	3	0

	Openings		
	Commercial	Pleasure	Both
Yearly Total	142	535	677
Monthly High	22	224	236
Highest Month	April	July	July
Highest Weekend or Holiday	3 Openings (Jan 24)	19 Openings (July 24)	20 Openings (July 24)
Highest Weekday	7 Openings (May 18)	22 Openings (July 27)	22 Openings (July 27)

Bold Red Numbers = Commercial Vessel
Blue Numbers = Pleasure Vessel

Saturday
 Sunday

Year	Weekend		Weekday	
	Michigan	Bay View	Michigan	Bay View
1996	3	4	3	4
2003	3	3	3	3
2004	3	3	3	4



Year	Overall Total		Projected value for the year 2026
	Michigan St	Bay View	
1996	2478	1014	Michigan S 1508.432
2003	2253	676	Bay View -321.27
2004	2218	677	

