MONTHLY RIDERSHIP AND PERFORMANCE REPORT

May 2020





MAY, 2020 MONTHLY PERFORMANCE REPORT

Ridership

Ridership for the month of May 2020 decreased 93.1% when compared to May of 2019. This year 19,614 passengers traveled on the South Shore Line (SSL) while May of 2019 recorded a total of 282,752 passenger trips. In March of 2020 the COVID-19 pandemic affects hit the Midwest causing significant closures and stay at home orders across the US. As a result SSL ridership plummeted. The SSL responded with a modified weekday train schedule taking effect Monday March 23rd. The new schedule mirrored a weekend schedule with a few additional Eastbound and Westbound trains. On April 1st the schedule was modified to be more accommodating for essential workers utilizing the system. This reduced schedule was in effect for the entire month of May.

Weekday Travel

Average weekday travel was down 92.9% overall for May of 2020 when compared to May of 2019. Peak ridership was down 94.4% and off peak ridership was down 88.9%.

Weekend

Average weekend ridership in May decreased by 91.5% with an average of 352 passengers carried per weekend day in 2020 compared to 4,121 carried in 2019. In response to the pandemic stay at home orders and limited crowd sizes have kept local businesses and recreation spots closed.

Analysis over last 12 months:

Ridership Over Last 12 Months: June through May							
	2016/17	2017/18	% Change	2018/19	% Change	2019/20	% Change
Total	3,475,271	3,445,902	-0.85%	3,335,358	-3.21%	2,669,159	-19.97%
Weekday	2,957,060	2,916,734	-1.36%	2,832,553	-2.89%	2,267,179	-19.96%
Peak	2,143,895	2,106,611	-1.74%	2,066,310	-1.91%	1,649,385	-20.18%
Off Peak	813,165	810,123	-0.37%	766,243	-5.42%	617,794	-19.37%
Weekend	518,211	529,168	2.11%	502,805	-4.98%	401,980	-20.05%
South Bend	247,034	261,305	5.78%	240,375	-8.01%	193,828	-19.36%

Revenue

The number of tickets sold for the year has decreased 46.4% through May of 2020 compared to 2019. Ticket revenue is down 44.1% for 2020 compared to 2019. Sales from digital sources represents 68.0% of ticket sales and 70.7% of revenue in 2020. In May all monthly passes purchased will be good for use in June as well.

Total Ticket Sales: Through May						
		Tickets			Revenue	
Method of Sale	2019	2020	% Change	2019	2020	% Change
Ticket Agent	65,413	31,112	-52.4%	2,036,584	1,033,354	-49.3%
Vending Machine	162,406	76,903	-52.6%	3,122,506	1,584,301	-49.3%
Conductor	104,576	51,402	-50.8%	807,615	389,831	-51.7%
Mobile App	149,150	98,519	-33.9%	2,703,610	1,842,709	-31.8%
Total	481,545	257,936	-46.4%	8,670,315	4,850,195	-44.1%

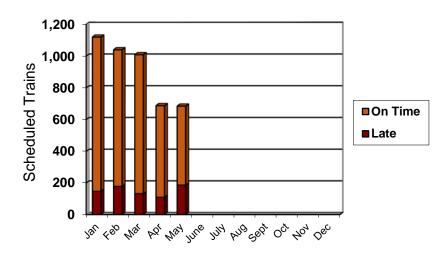
On Time Performance

Rush hour – Overall, 72.5% of A.M. and P.M. rush hour trains were on time in May 2020; compared to 92.8% in May of 2019. A train is considered to be on time when it arrives at its terminal within 5 minutes and 59 seconds of its scheduled arrival time (industry standard). 81.3% of all rush hour trains arrived at their terminal station within 10 minutes of the scheduled arrival time. 73.8% of westbound morning rush hour service was on time compared to 96.0% in May 2019; while eastbound rush hour trains reported an on time performance of 71.3% compared to 89.2% in May 2019. A total of 21 out of 80 westbound rush hour trains were delayed in May. Of those 21, 11 experienced delays greater than 15 minutes. The eastbound rush hour trains had a total of 23 out of 80 trains delayed in May. Of those 23, eight experienced delays greater than 15 minutes.

RANGI	RANGE OF RUSH HOUR DELAYS (in minutes)					
		May				
Range	a.m.	p.m.	Total	Percent		
6-10	6	8	14	8.8%		
11-15	4	7	11	6.9%		
16-20	5	2	7	4.4%		
21-30	6	3	9	5.6%		
31-59	0	3	3	1.9%		
60+	0	0	0	0.0%		
Annulled	0	0	0			
On Time	59	57	116			
Total Ran	80	80	160			

¹ Weekday rush-hour trains operate 9 westbound and 8 eastbound per day however on March 23rd a temporary reduced schedule was utilized providing 4 peak trains in each direction per day which was maintained by the April 1st revision.

Overall – The SSL scheduled 704 trains in May and experienced 187 delays in excess of 5 minutes (ranging from 6-68 minutes) with a median delay of 15 minutes. May of 2020 experienced 19 annulled trains. In May 2019 the South Shore Line scheduled 1,126 trains with 166 delays in excess of 5 minutes (ranging from 6-75



minutes) with a median delay of 12 minutes. May of 2019 experienced 23 annulled trains.

Cumulative On Time Comparison				
Thru May	2019	2020		
Weekday	85.3%	88.2%		
Peak	91.6%	90.2%		
Off-peak	81.3%	87.1%		
Weekend	75.9%	78.5%		
Overall	83.8%	86.4%		

Delays caused by railroad maintenance. Besides the unexpected delays, passengers may also experience delays caused by railroad construction and maintenance projects. Every effort is made to schedule this work during off-peak and weekends to keep the impact of delays to a minimum. We also post service bulletins in the stations and on our web site in advance of anticipated delays.

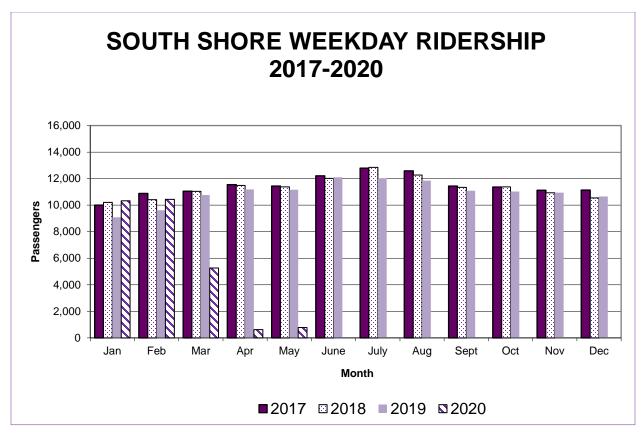
	ANNULLED TRAINS OR DELAYS IN EXCESS OF 59 MINUTES							
Date	Train #	Minutes	Reason	Date	Train #	Minutes	Reason	
1/2	102	Anulled	Car caught in wire.	3/7	606	104	Metra power outage	
	203	Anulled	Anulled due to 102 issues		613	135	Metra power outage	
1/6	104	Anulled	Equipment issues		504	154	Metra power outage	
	205	Anulled	Anulled due to 104 issues		603	Anulled	Metra power outage	
1/19	701	Anulled	Weather	3/10	110	62	Equipment issues	
	703	Anulled	Weather	3/21	502	60	Equipment issues	
1/23	214	98	Fire alarm at arrival station	4/16	507	60	Train collision w/ car on track	
2/22	600	72	Derailment	5/29	610	68	Late turn of equipment.	
3/3	7	82	Equipment issues					
	107	69	Equipment issues					
	216	Anulled	Car caught in wire.					

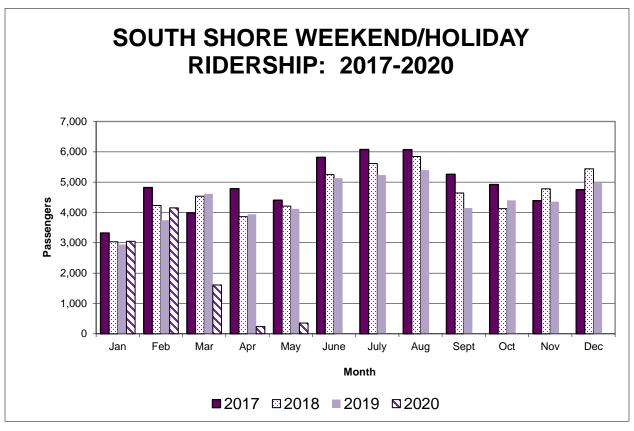
Ridership Report

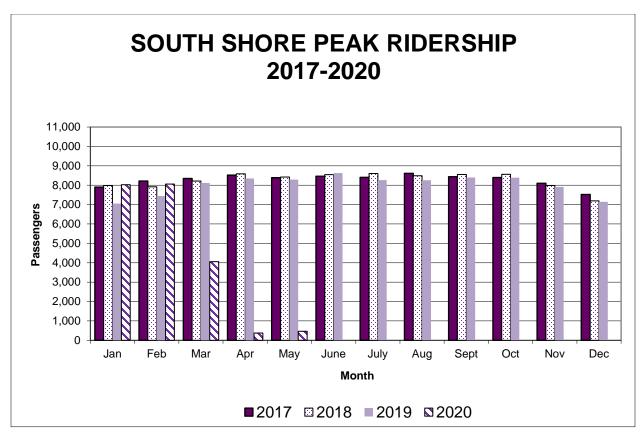
	2018	Work	2019	Work	2020	Work	Change
	Passengers	Days	Passengers	Days	Passengers	Days	19/20
Monthly Ride	ership						
January	251,990	22	226,385	22	254,857	22	12.6%
February	242,120	20	222,250	20	246,095	20	10.7%
March	283,789	22	272,150	21	130,362	22	-52.1%
April	279,888	21	277,549	22	15,714	22	-94.3%
May	288,137	22	282,752	22	19,614	20	-93.1%
June	299,731	21	293,325	20			
Cumulative (Comparison						
January	251,990	22	226,385	22	254,857	22	12.6%
February	494,110	42	448,635	42	500,952	42	11.7%
March	777,899	64	720,785	63	631,314	64	-12.4%
April	1,057,787	85	998,334	85	647,028	86	-35.2%
May	1,345,924	107	1,281,086	107	666,642	106	-48.0%
June	1,645,655	128	1,574,411	127			
Average We	ekday Riders	hip					
January	10,213		9,086		10,336		13.8%
February	10,413		10,121		10,437		3.1%
March	11,043		10,761		5,267		-51.1%
April	11,490		11,182		627		-94.4%
May	11,375		11,167		787		-93.0%
June	12,023		12,101				
Average We	ekday Peak F	Period	Ridership				
January	7,982		7,052		8,028		13.8%
February	7,914		7,833		8,057		2.9%
March	8,214		8,116		4,051		-50.1%
April	8,588		8,344		375		-95.5%
May	8,422		8,285		468		-94.4%
June	8,542		8,627				
Average We	ekday Off-Pe	ak Rid	ership				
January	2,231		2,034		2,309		13.5%
February	2,499		2,288		2,381		4.0%
March	2,829		2,645		1,215		4.0%
April	2,902		2,839		252		4.0%
May	2,953		2,881		320		
June	3,481		3,473				

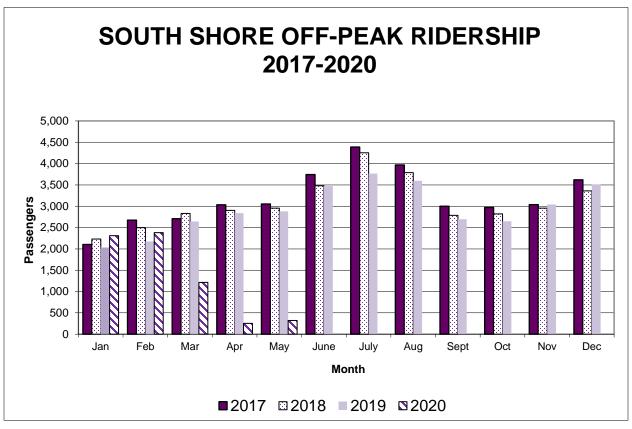
Ridership Report

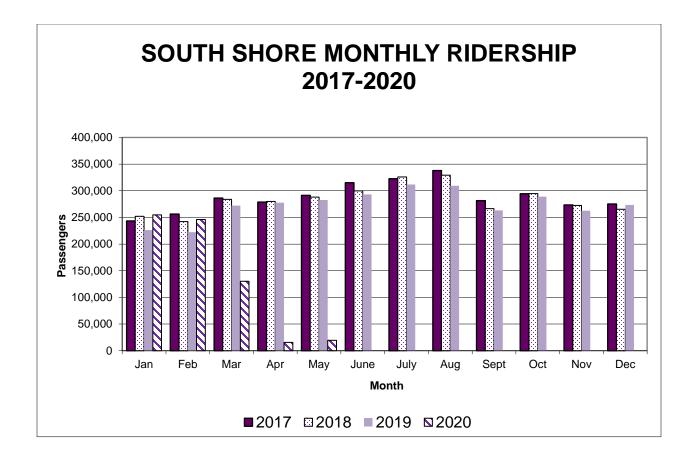
	2018	Work	2019	Work	2020	Work	Change
	Passengers	Days	Passengers	Days	Passengers	Days	19/20
Average W	eekend/Holid	ay Ridersh	nip (per day)				
January	3,035		2,943		3,051		3.7%
February	4,233		3,744		4,150		10.8%
March	4,538		4,617		1,611		-65.1%
April	4,288		3,943		239		-93.9%
May	4,210		4,121		352		-91.5%
June	5,249		5,132				
Monthly So	uth Bend Ride	ership					
January	15,027		14,125		15,044		6.5%
February	16,778		12,881		15,748		22.3%
March	21,230		20,397		8,640		-57.6%
April	20,509		20,180		1,903		-90.6%
May	19,452		19,127		2,929		-84.7%
June	20,965		20,088				











Percent on Time: May 2020

Peak				
Train	Days	% on		
	Late	Time		
507	3	85.0%		
509	4	80.0%		
801	8	60.0%		
803	8	60.0%		
502	7	65.0%		
600	3	85.0%		
802	5	75.0%		
804	6	70.0%		
Total	44	72.5%		
Eastbound	23	71.3%		
Westbound	21	73.8%		

Off-Peak				
Train	Days	% on		
	Late	Time		
503	10	50.0%		
505	8	60.0%		
511	2	90.0%		
601	4	80.0%		
603	6	70.0%		
605	9	55.0%		
613	2	90.0%		
701	0	100.0%		
703	2	86.7%		
504	9	55.0%		
506	8	60.0%		
508	5	75.0%		
510	7	65.0%		
606	10	50.0%		
608	6	70.0%		
610	12	40.0%		
Total	100	65.8%		
Eastbound	43	74.7%		
Westbound	57	59.3%		
Westbound	29	81.2%		

Trains on time less than 95% peak and 85% off peak.

Weekend/Holiday				
Train	Days	% on		
	Late	Time		
503	1	90.9%		
505	0	100.0%		
507	1	90.0%		
509	1	90.0%		
511	3	70.0%		
601	0	100.0%		
603	1	90.9%		
605	9	18.2%		
613	2	80.0%		
701	0	100.0%		
703	3	72.7%		
801	0	100.0%		
803	0	100.0%		
502	2	81.8%		
504	2	81.8%		
506	4	63.6%		
508	4	60.0%		
510	3	70.0%		
600	2	81.8%		
606	2	81.8%		
608	1	90.0%		
610	1	90.0%		
802	0	100.0%		
804	1	0.0%		
Total	43	80.0%		
Eastbound	21	92.0%		
Westbound	22	86.1%		

Reason for Delay: May

Reason	Reasons (weekday)					
AMT	4	2.6%				
CAR	1	0.6%				
CAT	1 0	0.0%				
DBS	0	0.0%				
CAR CAT DBS DDS DMW DSR	0	0.0%				
DMW	9	5.8%				
DSR	2	1.3%				
DSS	3	1.9%				
FRR	1	0.6%				
DSS FRR FTI HLD	0 9 2 3 1	5.8%				
HLD	2	1.3%				
ILMU	2 6 16	3.9%				
MET OET OPR	16	10.3%				
OET	0	0.0%				
OPR	11 0 2 0	7.1%				
IOTH	0	0.0%				
PAS	2	1.3%				
PAS POL	0	0.0%				
PTC	1	0.6%				
PTI	18	11.6%				
SUB	0	0.0%				
SVS	1	0.6%				
TOD	0	0.0%				
SUB SVS TOD TRK	18 0 1 0 2 0	1.3%				
TRS	0	0.0%				
TRS UTL VAN		0.6%				
VAN	0	0.0%				
WTR	66	42.6%				
TOTAL	155	100.0%				

Reasons (weekend)					
AMT	0	0.0%			
CAR	0	0.0%			
CAT	0	0.0%			
DBS	0	0.0%			
DDS	0	0.0%			
DMW	0	0.0%			
DSR	2	6.3%			
DSS	0	0.0%			
FRR	1	3.1%			
FTI	1 0	0.0%			
FTI HLD	0	0.0%			
LMU	0	0.0%			
MET	0 9	28.1%			
OET	0	0.0%			
OPR	0	0.0%			
OTH	0	6.3%			
PAS	0	0.0%			
POL	2	6.3%			
PTC	0	0.0%			
PTI	7	21.9%			
SUB	0	0.0%			
SVS	0	0.0%			
TOD	0	0.0%			
TRK	0	0.0%			
TRS	0	0.0%			
UTL	0	0.0%			
VAN	0	0.0%			
WTR	9	28.1%			
TOTAL	32	100%			

AMT-Amtrak delay

CAR-Car or equipment failure

DBS-Delays due to busing

DDS-Debris strike

DMW-Maintenance of Way work

DSR-Speed Restriction

DSS-Reduced speed due to restrictive signal

FRR-Freight train interference from crossing

FTI-Freight train interference on NICTD track

HLD-Station delay related to passenger boarding

LMU-Late make up(includes turn of equipment)

MET-Metra delays

OET-Operational efficiency testing

OPR-Operational delay OTH-Other delays PAS-Passenger boarding PTC-Positive train control delays PTI-Passenger train interference SUB-Substation

SVS-Servicing (adding/removing equipment)

TOD-Train order delay

TRK-Track/wayside malfunction TRS-Trespasser on incident. **UTL-Utility** power outage

WTR-Weather

NICTD follows the industry standard in defining a train as on time if it arrives at its terminal within 5 minutes and 59 seconds.

Cumulative Percent on Time Thru May, 2020 Off-Peak

Peak

Train	Days	% on
	Late	Time
102	1	98.2%
104	2	96.4%
6	5	91.2%
106	7	87.7%
108	3	94.7%
110	5	91.2%
112	2	96.5%
114	6	89.5%
214	4	93.0%
502	15	69.4%
600	5	89.8%
802	7	85.7%
804	12	75.5%
11	9	84.2%
111	0	100.0%
113	5	91.2%
115	2	96.5%
17	10	82.5%
117	9	84.2%
217	3	94.7%
119	3	94.7%
507	6	87.8%
509	10	79.6%
801	18	63.3%
803	17	65.3%
Total	166	87.8%
Westbound	74	89.5%
Eastbound	92	85.9%

	Days	% on	
Train	Late	Time	
14	7	87.7%	
216	7	87.5%	
116	20	64.9%	
216	3	94.7%	
18	7	87.7%	
118	1	98.2%	
218	2	96.5%	
20	14	75.4%	
220	1	98.2%	
420	1	98.2%	
22	6	89.5%	
422	0	100.0%	
504	14	71.4%	
506	20	59.2%	
508	10	79.6%	
510	9	81.6%	
606	15	69.4%	
608	7	85.7%	
610	20	59.2%	
401	2	96.5%	
203	1	98.2%	
403	5	91.2%	
205	0	100.0%	
207	8	86.0%	
7	18	68.4%	
107	26	54.4%	
9	16	71.9%	
109	10	82.5%	
209	4	93.0%	
19	11	80.7%	
121	5	91.2%	
123	5	91.2%	
101	3	94.7%	
503 505	11	59.3%	
505 511	16	67.3%	
511	4	91.8%	
601 603	6 16	87.8% 67.3%	
605	20	59.2%	
613	3	93.9%	
701	1	97.7%	
703	5	88.6%	
Total	360	83.9%	
Westbound	164	84.0%	
Eastbound	196	83.7%	
Lusibouilu	130	JJ.1 /0	

Weekend/Holiday

Train	Days	% on		
	Late	Time		
600	11	76.1%		
502	13	71.7%		
504	17	63.0%		
606	14	69.6%		
506	17	63.0%		
608	7	84.4%		
508	12	73.3%		
610	5	88.9%		
510	11	75.6%		
710	Deadhead move			
503	14	69.6%		
603	3	93.3%		
605	26	43.5%		
505	11	76.1%		
507	12	73.3%		
509	18	60.0%		
511	16	64.4%		
613	6	86.7%		
601	3	93.3%		
701	6	86.7%		
703	7	84.4%		
Total	229	74.8%		
Westbound	107	73.9%		
Eastbound	122	75.5%		

Cumulative Reasons for Delays Thru May, 2020

REAS	REASONS (weekday)						
AMT 6 1.1%							
CAR	21	3.9%					
CAT	1	0.2%					
CAT DBS	0	0.0%					
DDS	1	0.2%					
DMW	40	7.4%					
DSR	11	2.0%					
DSS	7	1.3%					
FRR	7	1.3%					
FTI	25	4.7%					
HLD	9	1.7%					
LMU	13	2.4%					
MET	125	23.3%					
OET	2	0.4%					
OPR	44	8.2%					
OTH	18	3.4%					
PAS	14	2.6%					
POL	3	0.6%					
PTC	3	0.6%					
PTI	84	15.6%					
SUB	1	0.2%					
SVS	5	0.9%					
TOD	3	0.6%					
TRK	8	1.5%					
TRS	2	0.4%					
UTL	1	0.2%					
VAN	3	0.6%					
WTR	80	14.9%					
TOTAL	537	100.0%					

REASONS (weekend)					
AMT	2	0.9%			
CAR	16	7.3%			
CAT	0	0.0%			
DBS	1	0.5%			
DDS	0	0.0%			
DMW	8	3.7%			
DSR	4	1.8%			
DSS	1	0.5%			
FRR	2	0.9%			
FTI	11	5.0%			
HLD	2	0.9%			
LMU	3	1.4%			
MET	61	27.9%			
OET	0	0.0%			
OPR	18	8.2%			
OTH	7	3.2%			
PAS	19	8.7%			
POL	2	0.9%			
PTC	0	0.0%			
PTI	33	15.1%			
SUB	0	0.0%			
SVS	12	5.5%			
TOD	0	0.0%			
TRK	1	0.5%			
TRS	1	0.5%			
UTL	2	0.9%			
VAN	0	0.0%			
WTR	13	5.9%			
TOTAL	219	100.0%			

TOTAL						
8	1.1%					
37	4.9%					
1	0.1%					
1	0.1%					
1	0.1%					
48	6.3%					
15	2.0%					
8	1.1%					
9	1.2%					
36	4.8%					
11	1.5%					
16	2.1%					
186	24.6%					
2	0.3%					
62	8.2%					
25	3.3%					
33	4.4%					
5	0.7%					
3	0.4%					
117	15.5%					
1	0.1%					
17	2.2%					
3	0.4%					
9	1.2%					
3	0.4%					
3	0.4%					
3	0.4%					
93	12.3%					
756	100.0%					
	8 37 1 1 1 48 48 15 8 9 36 11 16 186 2 25 33 5 3 117 1 17 3 9 3 3 3 3 3 3 3 3 3 3 3 3 3					

AMT-Amtrak delay

CAR-Car or equipment failure

DBS-Delays due to busing

DDS-Debris strike

DMW-Maintenance of Way work

DSR-Speed Restriction

DSS-Reduced speed due to restrictive signal

FRR-Freight train interference from crossing

FTI-Freight train interference on NICTD track

HLD-Station delay related to passenger boarding

LMU-Late make up(includes turn of equipment)

MET-Metra delays

OET-Operational efficiency testing

OPR-Operational delay

OTH-Other delays

PAS-Passenger boarding

PTC-Positive train control delays

PTI-Passenger train interference

SUB-Substation

SVS-Servicing (adding/removing equipment)

TOD-Train order delay

TRK-Track/wayside malfunction

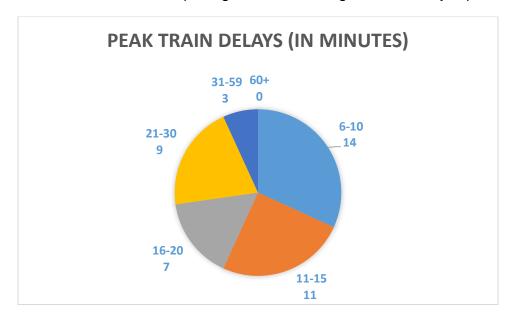
TRS-Trespasser on incident.

UTL-Utility power outage

WTR-Weather

NICTD follows the industry standard in defining a train as on time if it arrives at its terminal within 5 minutes and 59 seconds.

Weekday peak trains were on time 72.5% of the time. The remaining 27.5% are made up of 44 trains reporting delays beyond 5 minutes and 59 seconds. Those delays are represented in the below chart depicting the various length of the delay reported.



Cumulative Standard Schedule

Cumulative Standard Schedule							
Arrive	Train	Days	Days	%			
AIIIVE	#	Late	Ran	On Time			
5:48a	102	1	41	97.6%			
6:31	104	2	41	95.1%			
6:55	6	1	42	97.6%			
7:13	106	7	42	83.3%			
7:35	108	3	42	92.9%			
7:51	110	4	42	90.5%			
8:08	112	1	42	97.6%			
8:31	114	5	42	88.1%			
8:52	214	3	42	92.9%			
10:28	14	4	42	90.5%			
Depart							
3:57	11	7	42	83.3%			
4:02p	111	0	42	100.0%			
4:28	113	4	42	90.5%			
4:57	115	2	42	95.2%			
5:10	117	9	42	78.6%			
5:28	17	6	42	85.7%			
5:32	217	3	42	92.9%			
5:58	119	2	42	95.2%			
7:15	19	9	42	78.6%			

Year-to-date cumulative

	#Late	#Ran	%On time
WB Rush	70	707	90.1%
EB Rush	91	652	86.0%
Total Rush	161	1,359	88.2%

Cumulative Rush Hour Through May

	TOTAL			Pl	ERCENTAG	Ε
Range	am	pm	total	am	pm	total
6-10	29	41	70	3.3%	5.1%	4.1%
11-15	19	19	38	2.2%	2.4%	2.3%
16-20	12	5	17	1.4%	0.6%	1.0%
21-30	8	14	22	0.9%	1.7%	1.3%
31-59	4	12	16	0.5%	1.5%	0.9%
60+	2	1	3	0.2%	0.1%	0.2%
Annulled	2	0	2			
Total Late	74	92	166	8.4%	11.4%	9.8%
On time	806	716	1522	91.6%	88.6%	90.2%
Total ran	880	808	1688			

Grand Total All Trains Through May

	Pe	ak				
Range	WB	EB	Off	Wkend	Total	%
6-10	29	41	173	101	344	6.2%
11-15	19	19	83	54	175	3.2%
16-20	12	5	45	34	96	1.7%
21-30	8	14	34	20	76	1.4%
31-59	4	12	23	16	55	1.0%
60+	2	1	3	5	11	0.2%
Annulled	2	0	13	12	27	
Total	74	92	361	230	757	13.6%
On Time	806	716	2431	842	4795	86.4%
Total ran	880	808	2792	1072	5552	
%On Time	91.6%	88.6%	87.1%	78.5%	86.4%	

May Rush Hour Trains

may reconstruction frame						
	TOTAL			PERCENTAGE		
Range	am	pm	total	am	pm	total
6-10	6	8	14	7.5%	10.0%	8.8%
11-15	4	7	11	5.0%	8.8%	6.9%
16-20	5	2	7	6.3%	2.5%	4.4%
21-30	6	3	9	7.5%	3.8%	5.6%
31-59	0	3	3	0.0%	3.8%	1.9%
60+	0	0	0	0.0%	0.0%	0.0%
Annulled	0	0	0			
Total Late	21	23	44	26.3%	28.8%	27.5%
On time	59	57	116	73.8%	71.3%	72.5%
Total ran	80	80	160			