

MONTHLY RIDERSHIP AND PERFORMANCE REPORT

**August 2019
Monthly Performance Report**



NICTD

AUGUST, 2019 MONTHLY PERFORMANCE REPORT

Ridership

Ridership for the month of August is down 6.0% when compared to August of 2018. This year 309,343 passengers traveled on the South Shore Line (SSL) while August of 2018 recorded a total of 329,094 passenger trips.

Weekday Travel

Average weekday travel decreased by 3.4% with an average of 11,853 weekday passengers carried in 2019 compared to 12,275 in 2018. The average peak travel decreased 2.7% to an average daily ridership of 8,259 while off-peak declined 5.1% to an average daily ridership of 3,595.

Average Seat Occupancy**					
Westbound			Eastbound		
Arrival	% of seats occupied		Departure	% of seats occupied	
	2018	2019		2018	2019
5:48 a	40.4%	34.8%	3:57 p	70.8%	73.1%
6:31 a	74.8	77.0	4:02 p	72.2	62.5
6:55 a	77.0	69.5	4:28 p	887.0	85.3
7:13 a	60.1	54.6	4:57 p	101.5	98.3
7:35 a	83.1	85.9	5:10 p	80.6	80.6
7:51 a	77.2	79.6	5:28 p	70.6	79.1
8:08 a	86.1	81.4	5:32 p	53.2	44.7
8:31 a	91.0	88.6	5:58 p	78.7	79.5
8:52 a	72.1	76.4	7:10 p*	64.6	60.2
10:28 a*	63.5	63.9			

*Non rush-hour service

**Average for Tuesday thru Thursday ONLY

Weekend

Average weekend ridership declined by 7.7% with an average of 5,397 passengers carried per weekend day in 2019 compared to 5,847 carried in 2018.

Analysis over last 12 months:

Ridership Over Last 12 Months: September through August							
	2015/16	2016/17	% Change	2017/18	% Change	2018/19	% Change
Total	3,518,538	3,496,484	-0.63%	3,425,028	-2.04%	3,294,816	-3.80%
Weekday	3,010,054	2,959,936	-1.67%	2,907,682	-1.77%	2,795,168	-3.87%
Peak	2,192,808	2,135,145	-2.63%	2,109,363	-1.21%	2,047,099	-2.95%
Off Peak	817,246	824,791	0.92%	798,319	-3.21%	748,069	-6.29%
Weekend	508,484	536,548	5.52%	517,346	-3.58%	499,648	-3.42%
South Bend	244,402	251,472	2.89%	257,379	2.35%	235,740	-8.41%

Revenue

The number of tickets sold for the year is down 5.4% through August of 2019 compared to 2018. Ticket revenue is down 1.1% for 2019 compared to 2018. Sales from digital sources represents 65.7% of ticket sales and 68.0% of revenue in 2019.

Total Ticket Sales: Through August						
Method of Sale	Tickets			Revenue		
	2018	2019	% Change	2018	2019	% Change
Ticket Agent	123,497	98,544	-20.2%	3,410,247	2,890,598	-15.2%
Vending Machine	299,816	263,418	-12.1%	4,972,753	4,658,672	-6.3%
Conductor	184,168	160,833	-12.7%	1,371,967	1,238,360	-9.7%
Mobile App	185,750	228,853	23.2%	3,110,800	4,024,271	29.4%
Total	793,231	751,648	-5.2%	12,865,766	12,811,901	-0.4%

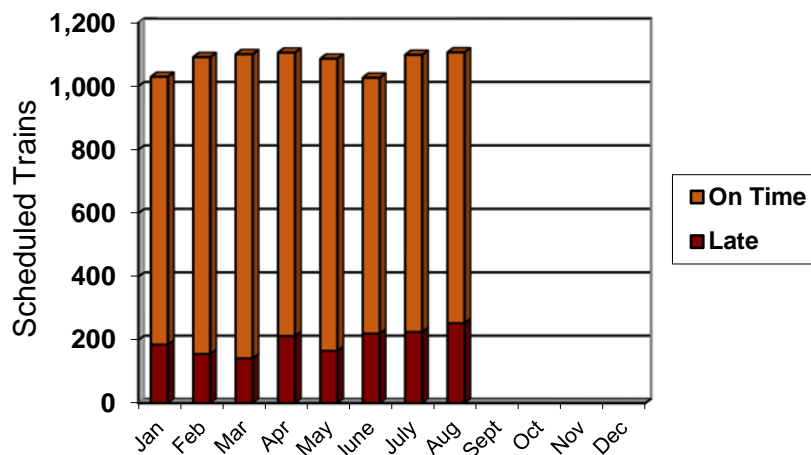
On Time Performance

Rush hour – Overall, 86.8% of A.M. and P.M. rush hour trains were on time in August; compared to 91.1% in August of 2018. 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). 91.6% of all rush hour trains arrived at their terminal station within 10 minutes of the scheduled arrival time. 93.9% of westbound morning rush hour service was on time compared to 94.8% in August 2018; while eastbound rush hour trains reported an on time performance of 78.7% compared to 86.9% in August 2018. A total of 12 out of 197 westbound rush hour trains were delayed in August. Of those 12, 2 experienced delays greater than 15 minutes. The eastbound rush hour trains had a total of 37 out of 174 trains delayed in August. Of those 37, 13 experienced delays greater than 15 minutes.¹

RANGE OF RUSH HOUR DELAYS (in minutes)				
August, 2019				
Range	a.m.	p.m.	Total	Percent
6-10	5	13	18	4.9%
11-15	5	13	18	4.9%
16-20	1	3	4	1.1%
21-30	0	2	2	0.5%
31-59	0	0	0	0.0%
60+	1	6	7	1.9%
Annulled	1	2	3	
On Time	185	137	322	
Total Ran	197	174	371	

¹ Weekday rush-hour trains operate 9 westbound and 8 eastbound per day.

Overall – The SSL scheduled 1,126 trains in August and experienced 254 delays in excess of 5 minutes (ranging from 6-272 minutes) with a median delay of 11 minutes. August of 2019 experienced 19 annulled trains primarily due to construction activity and a substation power issue. In August 2018 the South Shore Line scheduled 1,149 trains with 205 delays in excess of 5 minutes (ranging from 6-175 minutes) with a median delay of 12 minutes. August of 2018 had 22 annulled trains.



Cumulative On Time Comparison		
<i>Thru August</i>	2018	2019
Weekday	87.1%	83.1%
Peak	93.0%	90.9%
Off-peak	83.3%	77.9%
Weekend	73.2%	74.0%
Overall	89.4%	81.6%

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.

In August there were 19 trains annulled primarily due to railroad construction and maintenance projects. Thirteen annulled trains were scheduled due to a Catenary Wire upgrade occurring between Michigan City and South Bend. One train was annulled due to car maintenance issues. On August 19th NICTD experienced a loss of power due to a substation breaker blowing. This resulted in five annulled trains and nine trains delayed in excess of sixty minutes.

ANNULLED TRAINS OR DELAYS IN EXCESS OF 59 MINUTES							
Date	Train #	Minutes	Reason	Date	Train #	Minutes	Reason
1/1	507	87	Catenary Wire Damage	5/6	401	Anulled	Construction & Maintnenace
1/6	505	190	Train caught in Catenary		422	Anulled	Construction & Maintnenace
	507	124	Train caught in Catenary		424	Anulled	Construction & Maintnenace
	508	75	Train caught in Catenary	5/7	401	Anulled	Construction & Maintnenace
	608	120	Train caught in Catenary		422	Anulled	Construction & Maintnenace
1/21	401	Anulled	Weather		424	Anulled	Construction & Maintnenace
	424	Anulled	Weather	5/8	401	Anulled	Construction & Maintnenace
1/22	401	Anulled	Weather		422	Anulled	Construction & Maintnenace
1/25	401	Anulled	Weather		424	Anulled	Construction & Maintnenace
	424	Anulled	Weather	5/9	401	Anulled	Construction & Maintnenace
	205	Anulled	Weather		422	Anulled	Construction & Maintnenace
1/26	701	Anulled	Weather		424	Anulled	Construction & Maintnenace
1/27	503	75	Equipment issues	5/10	401	Anulled	Construction & Maintnenace
1/28	207	71	Metra switch issues		422	Anulled	Construction & Maintnenace
1/29	401	Anulled	Weather		424	Anulled	Construction & Maintnenace
	403	Anulled	Weather	5/11	701	Anulled	Construction & Maintnenace
	422	Anulled	Weather	5/12	701	Anulled	Construction & Maintnenace
	424	Anulled	Weather	5/13	401	Anulled	Construction & Maintnenace
1/30	All Trains	Anulled	Weather		422	Anulled	Construction & Maintnenace
1/31	All Trains	Anulled	Weather		424	Anulled	Construction & Maintnenace
2/1	All Trains	Anulled	Weather	5/14	401	Anulled	Construction & Maintnenace
2/2	All Trains	Anulled	Weather		422	Anulled	Construction & Maintnenace
2/3	601	Anulled	Weather		424	Anulled	Construction & Maintnenace
2/11	22	75	Pedestrian trespassing	5/15	401	Anulled	Construction & Maintnenace
	123	64	Ice on Catenary wires		422	Anulled	Construction & Maintnenace
2/12	6	Anulled	Weather		424	Anulled	Construction & Maintnenace
	7	Anulled	Weather	5/16	401	Anulled	Construction & Maintnenace
	14	Anulled	Weather		422	Anulled	Construction & Maintnenace
	101	Anulled	Weather		424	Anulled	Construction & Maintnenace
	102	Anulled	Weather	5/17	401	Anulled	Construction & Maintnenace
	104	Anulled	Weather	5/20	205	Anulled	Construction & Maintnenace
	106	Anulled	Weather	5/21	205	Anulled	Construction & Maintnenace
	107	Anulled	Weather	5/22	205	Anulled	Construction & Maintnenace
	108	Anulled	Weather	5/23	205	Anulled	Construction & Maintnenace
	110	Anulled	Weather	5/24	205	Anulled	Construction & Maintnenace
	112	Anulled	Weather	5/28	205	Anulled	Construction & Maintnenace
	114	Anulled	Weather	5/29	205	Anulled	Construction & Maintnenace
	203	Anulled	Weather	5/30	205	Anulled	Construction & Maintnenace
	205	Anulled	Weather	5/31	205	Anulled	Construction & Maintnenace
	207	Anulled	Weather		112	70	Vehicle trespassing
	214	Anulled	Weather	6/17	11	60	Vehicle trespassing
	216	Anulled	Weather	6/26	17	132	Broke down freight train
	218	Anulled	Weather		22	63	Broke down freight train
	403	Anulled	Weather		119	110	Broke down freight train
3/4	401	Anulled	Weather		422	115	Broke down freight train
3/5	401	Anulled	Weather	6/27	7	162	Mechanical problems
5/4	606	75	Delayed by Amtrak				

ANNULLED TRAINS OR DELAYS IN EXCESS OF 59 MINUTES							
Date	Train #	Minutes	Reason	Date	Train #	Minutes	Reason
7/1	205	Anulled	Construction & Maintenance	7/25	424	Anulled	Construction & Maintenance
7/2	9	114	Gas leak near New Carlisle	7/26	401	Anulled	Construction & Maintenance
	17	184	METRA Power Outage	7/29	109	81	Equipment issues
	19	Anulled	METRA Power Outage	8/8	6	Anulled	Mechanical Issues
	20	156	METRA Power Outage	8/12	401	Anulled	Construction & Maintenance
	113	145	METRA Power Outage		422	Anulled	Construction & Maintenance
	115	178	METRA Power Outage		424	Anulled	Construction & Maintenance
	117	154	METRA Power Outage	8/13	401	Anulled	Construction & Maintenance
	119	Anulled	METRA Power Outage		422	Anulled	Construction & Maintenance
	205	Anulled	Construction & Maintenance		424	Anulled	Construction & Maintenance
	217	Anulled	METRA Power Outage	8/14	401	Anulled	Construction & Maintenance
	220	143	METRA Power Outage		422	Anulled	Construction & Maintenance
	222	Anulled	METRA Power Outage		424	Anulled	Construction & Maintenance
	424	Anulled	Gas leak near New Carlisle	8/15	401	Anulled	Construction & Maintenance
7/3	205	Anulled	Construction & Maintenance		422	Anulled	Construction & Maintenance
7/5	205	Anulled	Construction & Maintenance		424	Anulled	Construction & Maintenance
7/8	205	Anulled	Construction & Maintenance	8/16	401	Anulled	Construction & Maintenance
7/9	205	Anulled	Construction & Maintenance	8/19	11	225	Substation breaker issue
7/10	205	Anulled	Construction & Maintenance		17	210	Substation breaker issue
7/11	205	Anulled	Construction & Maintenance		19	132	Substation breaker issue
7/12	205	Anulled	Construction & Maintenance		20	272	Substation breaker issue
7/19	17	58	Police activity on Metra line		111	216	Substation breaker issue
	119	60	Police activity on Metra line		113	207	Substation breaker issue
7/22	401	Anulled	Construction & Maintenance		115	238	Substation breaker issue
	422	Anulled	Construction & Maintenance		117	182	Substation breaker issue
	424	Anulled	Construction & Maintenance		119	Anulled	Substation breaker issue
7/23	401	Anulled	Construction & Maintenance		121	111	Substation breaker issue
	422	Anulled	Construction & Maintenance		209	Anulled	Substation breaker issue
	424	Anulled	Construction & Maintenance		217	Anulled	Substation breaker issue
7/24	401	Anulled	Construction & Maintenance		220	Anulled	Substation breaker issue
	422	Anulled	Construction & Maintenance		222	Anulled	Substation breaker issue
	424	Anulled	Construction & Maintenance	8/23	114	81	Mechanical Issues
7/25	401	Anulled	Construction & Maintenance	8/26	22	90	Maintenance delays
	422	Anulled	Construction & Maintenance		123	100	Maintenance delays

Ridership Report: August 2019

	2017	Work	2018	Work	2019	Work	Change 18/19
	Passengers	Days	Passengers	Days	Passengers	Days	
Monthly Ridership							
January	243,280	21	251,990	22	226,385	22	-10.2%
February	256,285	20	242,120	20	222,250	20	-8.2%
March	286,216	23	283,789	22	272,150	21	-4.1%
April	278,878	20	279,888	21	277,549	22	-0.8%
May	291,326	22	288,137	22	282,752	22	-1.9%
June	315,133	22	299,731	21	293,325	20	-2.1%
Cumulative Comparison							
January	243,280	21	251,990	22	226,385	22	-10.2%
February	499,565	41	494,110	42	448,635	42	-9.2%
March	785,781	64	777,899	64	720,785	63	-7.3%
April	1,064,659	84	1,057,787	85	998,334	85	-5.6%
May	1,355,985	106	1,345,924	107	1,281,086	107	-4.8%
June	1,671,118	128	1,645,655	128	1,574,411	127	-4.3%
Average Weekday Ridership							
January	10,141		10,213		9,086		-11.0%
February	10,885		10,413		9,615		-7.7%
March	11,058		11,043		10,761		-2.6%
April	11,553		11,490		11,182		-2.7%
May	11,439		11,375		11,167		-1.8%
June	12,208		12,023		12,101		0.6%
Average Weekday Peak Period Ridership							
January	7,874		7,982		7,052		-11.7%
February	8,211		7,914		7,441		-6.0%
March	8,350		8,214		8,116		-1.2%
April	8,520		8,588		8,344		-2.8%
May	8,387		8,422		8,285		-1.6%
June	8,466		8,542		8,627		1.0%
Average Weekday Off-Peak Ridership							
January	2,097		2,231		2,034		-8.8%
February	2,674		2,499		2,174		-13.0%
March	2,708		2,829		2,645		-6.5%
April	3,033		2,902		2,839		-2.2%
May	3,053		2,953		2,881		-2.4%
June	3,743		3,481		3,473		-0.2%

Ridership Report: August 2019

	2017	Work	2018	Work	2019	Work	Change
	Passengers	Days	Passengers	Days	Passengers	Days	19/18
Average Weekend/Holiday Ridership (per day)							
January	3,690		3,035		2,943		-3.0%
February	4,822		4,233		3,744		-11.6%
March	3,986		4,538		4,617		1.7%
April	4,783		4,288		3,943		-8.1%
May	4,406		4,210		4,121		-2.1%
June	5,819		5,249		5,132		-2.2%
Monthly South Bend Ridership							
January	14,626		15,027		14,125		-6.0%
February	16,499		16,778		12,881		-23.2%
March	18,235		21,230		20,397		-3.9%
April	23,040		20,509		20,180		-1.6%
May	20,085		19,452		19,127		-1.7%
June	22,143		20,965		20,088		-4.2%

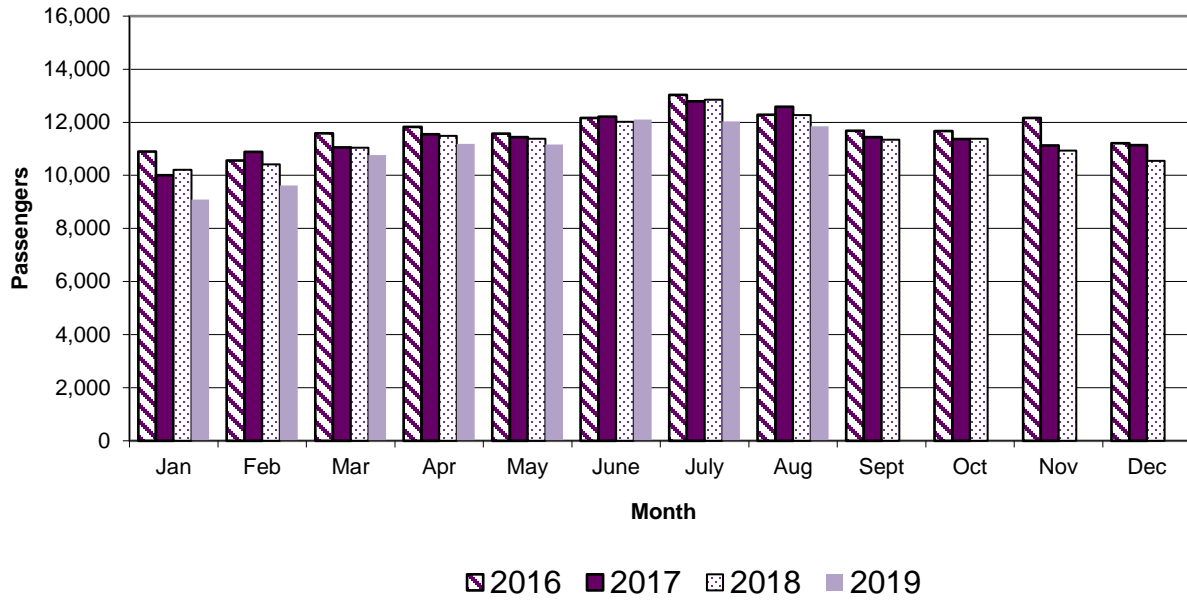
Ridership Report: August 2019

	2017	Work	2018	Work	2019	Work	Change
	Passengers	Days	Passengers	Days	Passengers	Days	19/18
MONTHLY RIDERSHIP							
July	322,717	20	326,061	21	311,676	22	-4.4%
August	337,910	23	329,094	23	309,343	22	-6.0%
September	281,393	20	266,558	19			
October	294,415	22	294,835	23			
November	273,273	21	272,648	21			
December	275,137	20	265,346	20			
CUMULATIVE COMPARISON							
July	1,993,835	148	1,971,716	149	1,886,087	149	-4.3%
August	2,331,745	171	2,300,810	172	2,195,430	171	-4.6%
September	2,613,138	191	2,567,368	191			
October	2,907,553	213	2,862,203	214			
November	3,180,826	234	3,134,851	235			
December	3,455,963	254	3,400,197	255			
AVERAGE WEEKDAY RIDERSHIP							
July	12,794		12,855		12,026		-6.4%
August	12,580		12,275		11,853		-3.4%
September	11,440		11,342				
October	11,369		11,384				
November	11,131		10,935				
December	11,142		10,549				
Thru December	11,478	254	11,325	255		171	
AVERAGE WEEKDAY PEAK PERIOD RIDERSHIP							
July	8,406		8,601		8,261		-4.0%
August	8,612		8,486		8,259		-2.7%
September	8,438		8,556				
October	8,398		8,563				
November	8,095		7,981				
December	7,522		7,188				
Thru December	8,273	254	8,253	255		171	
AVERAGE WEEKDAY OFF-PEAK RIDERSHIP							
July	4,387		4,254		3,765		-11.5%
August	3,968		3,788		3,595		-5.1%
September	3,002		2,786				
October	2,970		2,821				
November	3,036		2,954				
December	3,620		3,361				
Thru December	3,191	254	3,072	255		171	

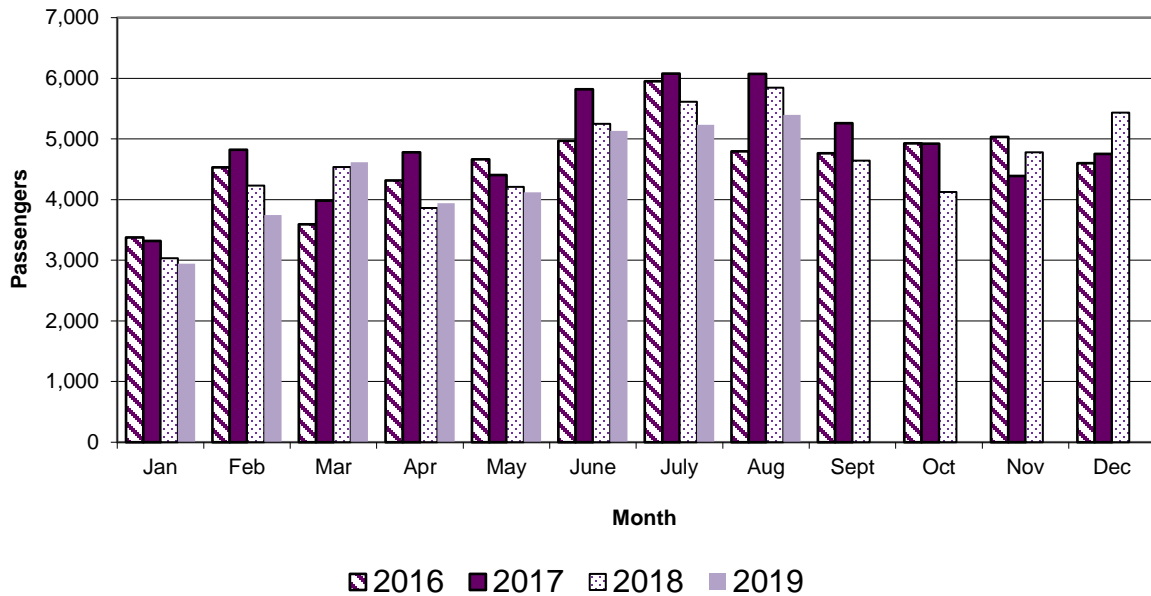
Ridership Report: August 2019

	2017	Wkend	2018	Wkend	2019	Wkend	Change 19/18
	Passengers	Days	Passengers	Days	Passengers	Days	
AVERAGE WEEKEND/HOLIDAY RIDERSHIP (per day)							
July	6,077		5,612		5,233		-6.8%
August	6,070		5,847		5,397		-7.7%
September	5,260		4,641				
October	4,922		4,126				
November	4,391		4,779				
December	4,753		4,942				
Thru December	4,915	111	4,625	110		72	
MONTHLY SOUTH BEND RIDERSHIP							
July	27,623		25,692		23,571		-8.3%
August	22,887		22,070		20,433		-7.4%
September	23,618		20,944				
October	25,870		18,422				
November	21,387		22,997				
December	24,781		22,575				

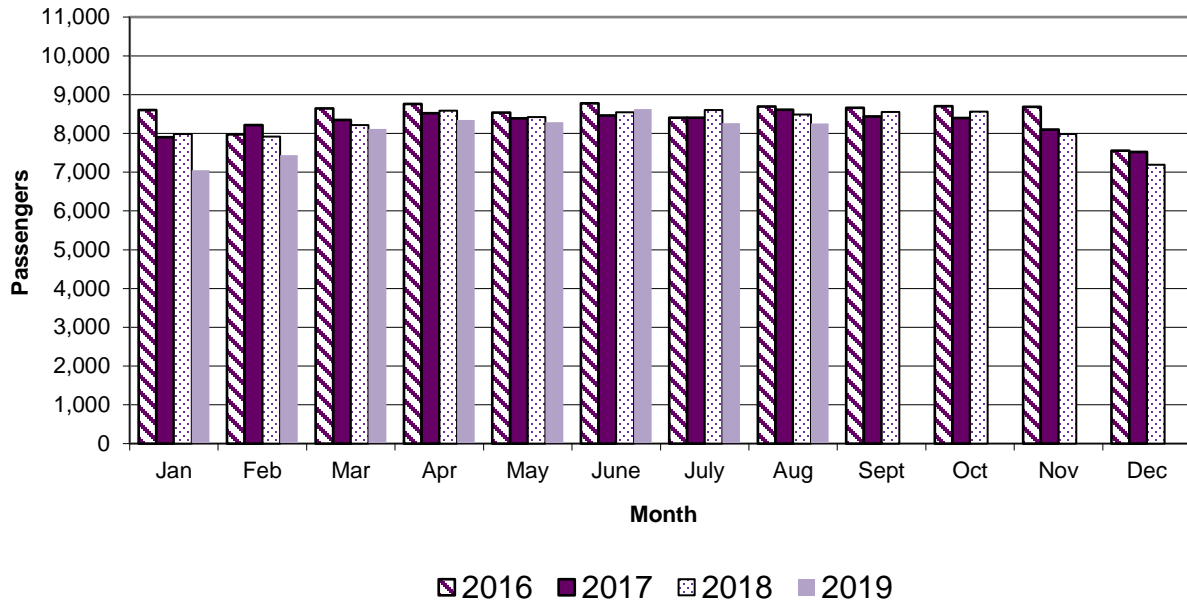
SOUTH SHORE WEEKDAY RIDERSHIP 2016-2019



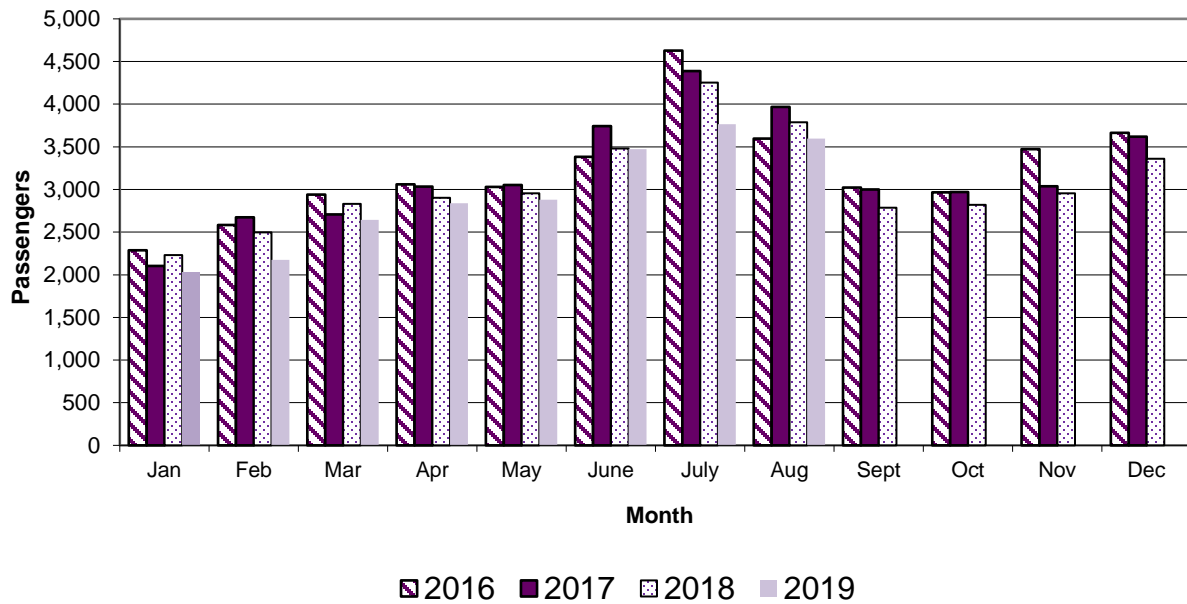
SOUTH SHORE WEEKEND/HOLIDAY RIDERSHIP: 2016-2019



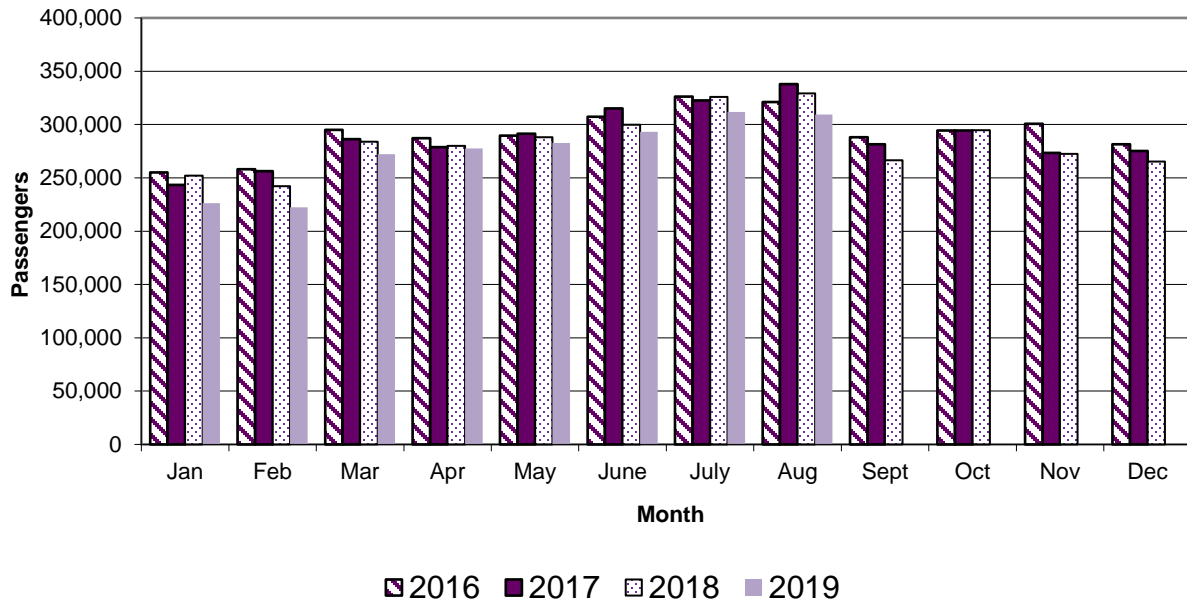
SOUTH SHORE PEAK RIDERSHIP 2016-2019



SOUTH SHORE OFF-PEAK RIDERSHIP 2016-2019



SOUTH SHORE MONTHLY RIDERSHIP 2016-2019



Percent on Time: August, 2019

Peak		
Train	Days Late	% on Time
102	1	95.5%
104	2	90.9%
6	4	81.0%
106	1	95.5%
108	1	95.5%
110	0	100.0%
112	0	100.0%
114	3	86.4%
214	0	100.0%
11	14	36.4%
111	2	90.9%
113	1	95.5%
115	4	81.8%
17	4	81.8%
117	8	63.6%
217	1	95.2%
119	3	85.7%
Total	49	86.8%
Westbound	12	93.9%
Eastbound	37	78.7%

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

Off-Peak		
Train	Days Late	% on Time
14	11	50.0%
216	2	90.9%
116	16	27.3%
218	4	81.8%
18	9	59.1%
118	2	90.9%
220	8	61.9%
20	6	72.7%
222	3	85.7%
420	0	100.0%
22	7	68.2%
424	0	100.0%
401	0	100.0%
203	0	100.0%
403	2	90.9%
205	0	100.0%
207	0	100.0%
7	13	40.9%
107	22	0.0%
9	10	54.5%
109	14	36.4%
209	2	90.5%
19	7	68.2%
121	2	90.9%
123	10	54.5%
101	1	95.5%
Total	151	72.8%
Westbound	68	73.2%
Eastbound	83	72.5%

Weekend/Holiday		
Train	Days Late	% on Time
600	2	77.8%
502	2	77.8%
504	4	55.6%
606	5	44.4%
506	4	55.6%
608	5	44.4%
508	4	55.6%
610	1	88.9%
510	0	100.0%
710	Deadhead moYe	
503	7	22.2%
603	2	77.8%
605	5	44.4%
505	1	88.9%
507	1	88.9%
509	6	33.3%
511	1	88.9%
613	3	66.7%
601	1	88.9%
701	0	100.0%
703	0	100.0%
Total	54	70.0%
Westbound	27	66.7%
Eastbound	27	72.7%

Reason for Delay: August

Reasons (weekday)		
AMT	5	2.5%
CAR	9	4.5%
CAT	10	5.0%
DBS	0	0.0%
DMW	21	10.5%
DSR	5	2.5%
DSS	2	1.0%
FRR	5	2.5%
FTI	5	2.5%
HLD	7	3.5%
LMU	2	1.0%
MET	44	22.0%
OET	0	0.0%
OPR	16	8.0%
OTH	15	7.5%
PAS	24	12.0%
POL	2	1.0%
PTI	18	9.0%
SVS	4	2.0%
TOD	0	0.0%
TRK	6	3.0%
TRS	0	0.0%
UTL	0	0.0%
VAN	0	0.0%
WTR	0	0.0%
TOTAL	200	100.0%

Reasons (weekend)		
AMT	2	3.7%
CAR	4	7.4%
CAT	0	0.0%
DBS	0	0.0%
DMW	1	1.9%
DSR	1	1.9%
DSS	0	0.0%
FRR	0	0.0%
FTI	1	1.9%
HLD	2	3.7%
LMU	0	0.0%
MET	17	31.5%
OET	0	0.0%
OPR	2	3.7%
OTH	0	0.0%
PAS	19	35.2%
POL	1	1.9%
PTI	3	5.6%
SVS	0	0.0%
TOD	1	1.9%
TRK	0	0.0%
TRS	0	0.0%
UTL	0	0.0%
VAN	0	0.0%
WTR	0	0.0%
TOTAL	54	100.0%

- AMT - Amtrak Delay
- CAR - Car or equipment failure of malfunction
- CAT - Catenary problems or power outage
- DBS - Delays due to busing
- DMW - M of W work - holding for defect repair or M of W forces to clear
- DSR - Speed restriction - all speed restrictions not listed in timetable.
- DSS - Reduced speed due to restrictive signal.
- FRR - Freight train interference from crossing road
- FTI - Freight train interference on NICTD owned track
- HLD - Station delays related to passengers requiring special assistance
- LMU - Late make up - includes delays from late turn of equipment.
- MET - Metra delays - including switch problems and held for late METRA trains
- NIPSCO - Delays caused by power utility disruption
- OET - Operational Efficiency Testing
- OPR - Operational Delay
- OTH - Other delays
- PAS - Passenger boarding
- POL - Police related delays - except road crossing or trespasser accidents
- PTI - Passenger train interference
- SUB - Substation
- SVS - Servicing - includes adding or subtracting equipment to or from consist
- TOD - Train order delay - not associated with train meets
- TRK - Track/wayside malfunction
- TRS - Trespasser incidents including road crossing accidents
- UTL - utility power outage
- VAN - Vandalism
- WTR - Delays related to inclement weather

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

Cumulative Percent on Time Thru August, 2019

Peak		
Train	Days Late	% on Time
102	6	96.4%
104	10	94.0%
6	14	91.6%
106	2	98.8%
108	5	97.0%
110	4	97.6%
112	5	97.0%
114	11	93.4%
214	8	95.2%
11	52	69.0%
111	9	94.6%
113	6	96.4%
115	14	91.7%
17	18	89.3%
117	53	68.5%
217	10	94.0%
119	33	80.1%
Total	260	90.9%
Westbound	65	95.7%
Eastbound	195	85.4%

Off-Peak		
Train	Days Late	% on Time
14	38	77.2%
216	13	92.2%
116	77	54.2%
216	8	95.2%
18	82	51.2%
118	21	87.5%
218	34	79.6%
20	48	71.4%
220	11	93.4%
420	2	98.6%
22	62	63.1%
422	3	97.9%
401	8	94.2%
203	6	96.4%
403	6	96.4%
205	1	99.2%
207	8	95.2%
7	54	67.7%
107	134	19.8%
9	87	48.2%
109	94	44.0%
209	27	83.8%
19	45	73.1%
121	27	83.9%
123	31	81.5%
101	11	93.5%
Total	938	77.9%
Westbound	399	79.7%
Eastbound	539	76.3%

Weekend/Holiday		
Train	Days Late	% on Time
600	13	81.7%
502	12	83.1%
504	34	52.1%
606	33	53.5%
506	19	73.2%
608	28	60.6%
508	17	76.1%
610	8	88.7%
510	19	73.2%
710	Deadhead move	
503	36	49.3%
603	3	95.8%
605	26	63.4%
505	10	85.9%
507	33	53.5%
509	39	45.1%
511	20	71.8%
613	7	90.1%
601	6	91.4%
701	0	100.0%
703	5	93.0%
Total	368	74.0%
Westbound	183	71.4%
Eastbound	185	76.2%

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

Cumulative Reasons for Delays Thru August, 2019

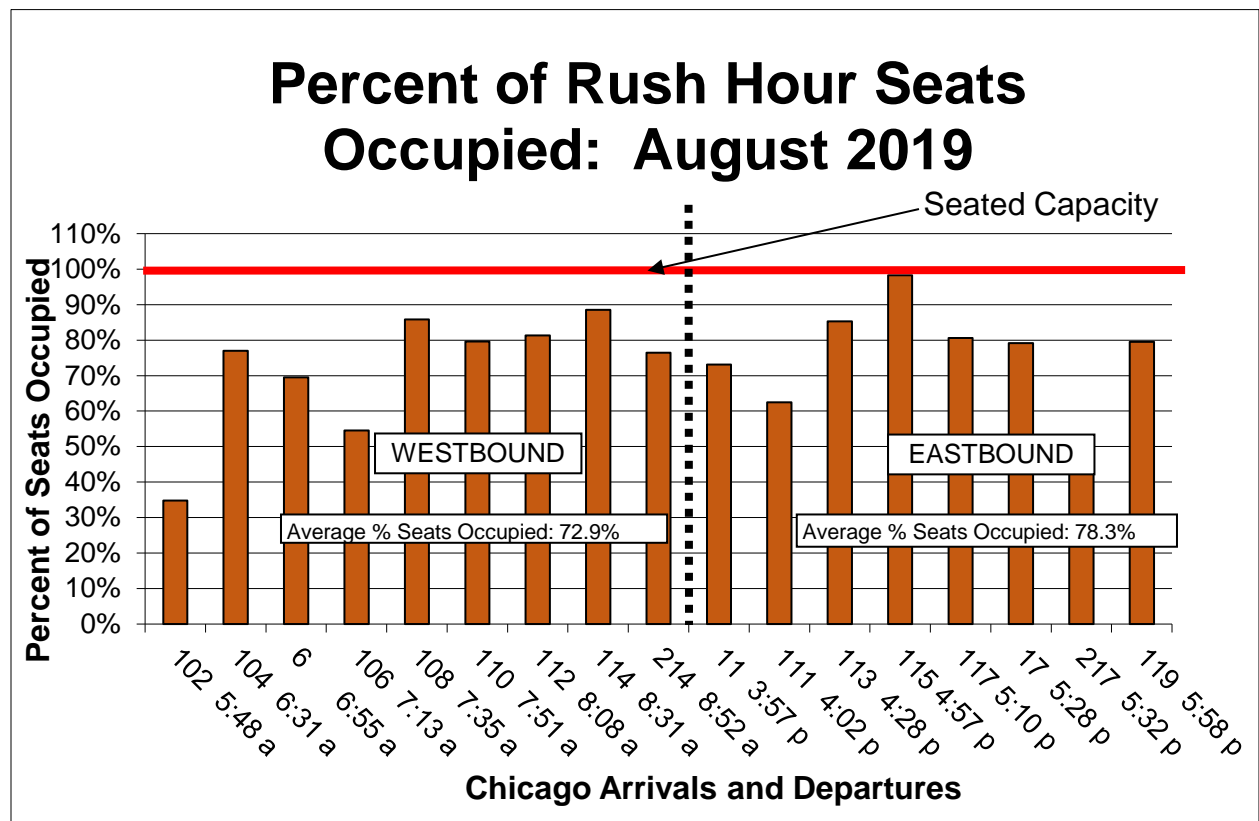
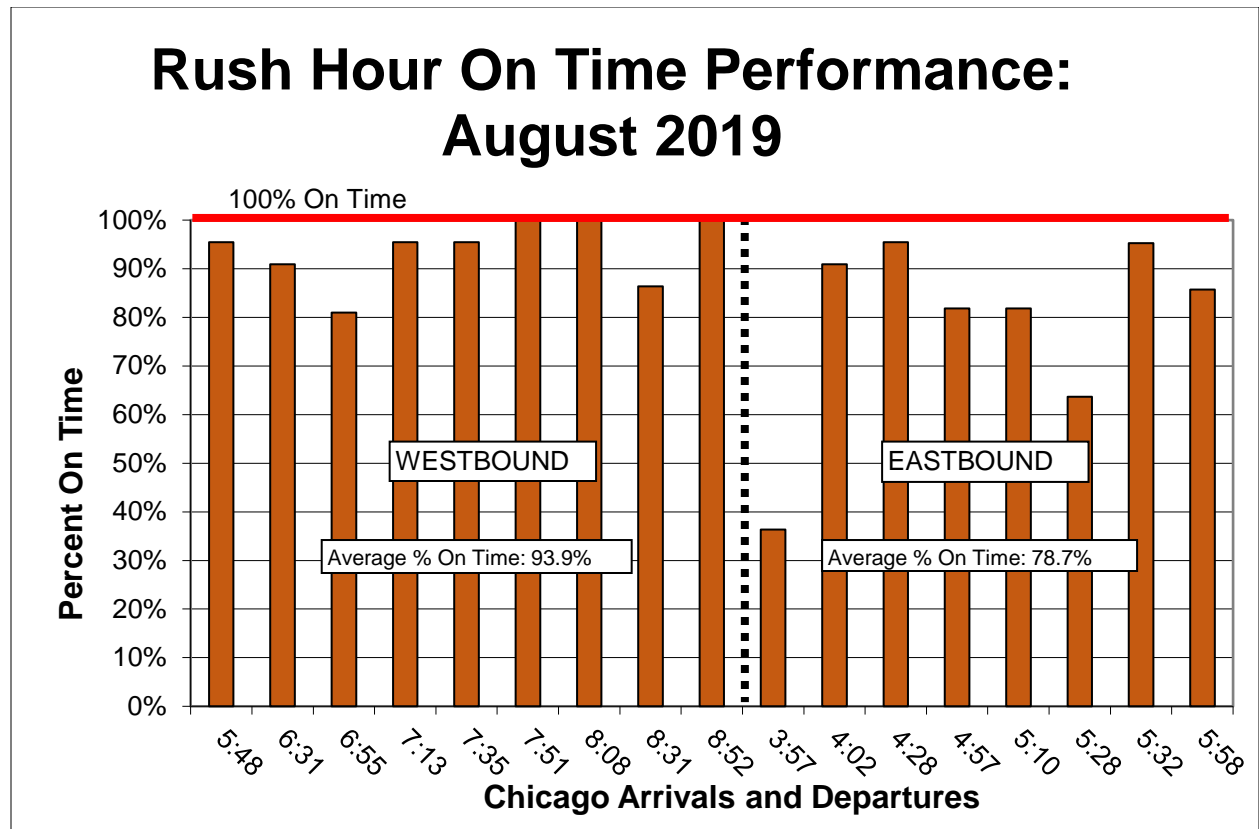
Reasons (weekday)		
AMT	20	1.7%
CAR	57	4.8%
CAT	10	0.8%
DBS	9	0.8%
DMW	107	8.9%
DSR	41	3.4%
DSS	21	1.8%
FRR	29	2.4%
FTI	44	3.7%
HLD	18	1.5%
LMU	12	1.0%
MET	270	22.6%
OET	4	0.3%
OPR	182	15.2%
OTH	57	4.8%
PAS	73	6.1%
POL	7	0.6%
PTI	128	10.7%
SVS	23	1.9%
TOD	11	0.9%
TRK	26	2.2%
TRS	8	0.7%
UTL	1	0.1%
VAN	2	0.2%
WTR	36	3.0%
TOTAL	1,196	100.0%

Reasons (weekend)		
AMT	14	3.8%
CAR	30	8.2%
CAT	6	1.6%
DBS	2	0.5%
DMW	6	1.6%
DSR	12	3.3%
DSS	8	2.2%
FRR	2	0.5%
FTI	13	3.5%
HLD	8	2.2%
LMU	6	1.6%
MET	79	21.5%
OET	1	0.3%
OPR	17	4.6%
OTH	10	2.7%
PAS	70	19.0%
POL	3	0.8%
PTI	32	8.7%
SVS	24	6.5%
TOD	2	0.5%
TRK	10	2.7%
TRS	1	0.3%
UTL	0	0.0%
VAN	0	0.0%
WTR	12	3.3%
TOTAL	368	100.0%

Total		
AMT	34	2.2%
CAR	87	5.6%
CAT	16	1.0%
DBS	11	0.7%
DMW	113	7.2%
DSR	53	3.4%
DSS	29	1.9%
FRR	31	2.0%
FTI	57	3.6%
HLD	26	1.7%
LMU	18	1.2%
MET	349	22.3%
OET	5	0.3%
OPR	199	12.7%
OTH	67	4.3%
PAS	143	9.1%
POL	10	0.6%
PTI	160	10.2%
SVS	47	3.0%
TOD	13	0.8%
TRK	36	2.3%
TRS	9	0.6%
UTL	1	0.1%
VAN	2	0.1%
WTR	48	3.1%
TOTAL	1,564	100.0%

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Cumulative

Arrive	Train #	Days Late	Days Ran	% On Time
5:48a	102	6	167	96.4%
6:31	104	10	167	94.0%
6:55	6	14	166	91.6%
7:13	106	2	167	98.8%
7:35	108	5	167	97.0%
7:51	110	4	167	97.6%
8:08	112	5	167	97.0%
8:31	114	11	167	93.4%
8:52	214	8	167	95.2%
10:28	14	32	167	80.8%
Depart				
3:57	11	52	168	69.0%
4:02p	111	9	168	94.6%
4:28	113	6	168	96.4%
4:57	115	14	168	91.7%
5:10	117	53	168	68.5%
5:28	17	16	168	90.5%
5:32	217	10	166	94.0%
5:58	119	33	166	80.1%
7:15	19	38	167	77.2%

Year-to-date cumulative

	#Late	#Ran	%On time
WB Rush	65	1502	95.7%
EB Rush	193	1340	85.6%
Total Rush	258	2,842	90.9%

Cumulative Rush Hour Thru August

Range	TOTAL			PERCENTAGE		
	am	pm	total	am	pm	total
6-10	28	97	125	1.9%	7.2%	4.40%
11-15	18	47	65	1.2%	3.5%	2.29%
16-20	7	11	18	0.5%	0.8%	0.63%
21-30	6	14	20	0.4%	1.0%	0.70%
31-59	4	12	16	0.3%	0.9%	0.56%
60+	2	14	16	0.1%	1.0%	0.56%
Annulled	37	28	65			
Total Late	65	195	260	4.3%	14.6%	9.15%
On time	1,437	1,145	2,582	95.7%	85.4%	90.85%
Total ran	1,502	1,340	2,842			

August Rush Hour

Range	TOTAL			PERCENTAGE		
	am	pm	total	am	pm	total
6-10	5	13	18	2.5%	7.5%	4.9%
11-15	5	13	18	2.5%	7.5%	4.9%
16-20	1	3	4	0.5%	1.7%	1.1%
21-30	0	2	2	0.0%	1.1%	0.5%
31-59	0	0	0	0.0%	0.0%	0.0%
60+	1	6	7	0.5%	3.4%	1.9%
Annulled	1	2	3			
Total Late	12	37	49	6.1%	21.3%	13.2%
On time	185	137	322	93.9%	78.7%	86.8%
Total ran	197	174	371			

Grand Total All Trains Thru August 2019

Range	Peak				Total	%
	WB	EB	Off	Wkend		
6-10	28	97	396	158	679	8.0%
11-15	18	47	272	103	440	5.2%
16-20	7	11	128	50	196	2.3%
21-30	6	14	76	29	125	1.5%
31-59	4	12	49	21	86	1.0%
60+	2	14	15	7	38	0.4%
Annulled	37	28	210	26	301	
Total	65	195	936	368	1,564	18.4%
On Time	1,437	1,145	3,300	1,046	6,928	81.6%
Total ran	1,502	1,340	4,236	1,414	8,492	
%On Time	95.7%	85.4%	77.9%	74.0%	81.6%	