

MONTHLY RIDERSHIP AND PERFORMANCE REPORT

**August 2017
Monthly Performance Report**



NICTD

AUGUST, 2017 MONTHLY PERFORMANCE REPORT

Ridership

August ridership rose 5.3% compared to last year. This year we carried 337,910 passengers. In August 2016 we carried 321,033.

Weekday Travel

Average weekday travel increased 2.4% (12,580) compared with August 2016 (12,289). Average **peak** travel declined 0.9%; and **off-peak** travel rose 10.4%.

AVERAGE SEAT OCCUPANCY**					
WESTBOUND			EASTBOUND		
Arrival	% of seats occupied		Departure	% of seats occupied	
	Avg. 2016	Aug 2017		Avg. 2016	Aug 2017
5:48 a	35.5%	35.4	3:57 p***	72.4%	87.7
6:31 a	68.7	78.3	4:02 p	64.3	70.1
6:55 a***	74.6	70.7	4:28 p	90.2	89.3
7:13 a	70.9	49.5	4:57 p	93.4	93.6
7:35 a	83.1	83.0	5:10 p	79.3	73.0
7:51 a	80.3	72.8	5:28 p	76.5	75.6
8:08 a	83.0	86.6	5:32 p	77.8	44.6
8:31 a	88.8	94.3	5:58 p	74.6	76.0
8:52 a	69.3	71.1	7:10 p*	58.6	72.5
10:28 a*	66.5	71.5			

*Non rush-hour service

**Average for Tuesday thru Thursday ONLY

***New Sunrise Express introduced on 3/16/15; 3:57p is afternoon express

Weekend

Weekend ridership increased 26.5% over August 2016. We averaged 6,070 passengers per day on weekends compared to 4,797 last year.

Analysis over last 12 months:

RIDERSHIP OVER LAST 12 MONTHS: SEPTEMBER THRU AUGUST							
	2013-14	2014-15	%Change	2015-16	%Change	2016-17	%Change
Total	3,589,152	3,629,780	1.1	3,518,538	-3.1	3,496,484	-0.6
Weekday	3,035,659	3,090,903	1.8	3,009,554	-2.6	2,959,936	-1.6
Peak	2,176,773	2,225,124	2.2	2,192,282	-1.5	2,135,941	-2.6
Off-peak	858,886	865,779	0.8	817,411	-5.6	823,995	0.8
Weekend	553,493	538,877	-2.6	508,984	-5.5	536,548	5.4
South Bend	250,765	245,987	-1.9	244,402	-0.6	251,472	2.9

Revenue

Farebox revenue remains positive year over year primarily because of the capital fare increase implemented last year. We're also continuing to see a movement away from purchasing one way tickets from agents or on board and towards ticket vending machines and mobile app.

JANUARY – AUGUST ALL TICKET SALES						
Method of Sale	TICKETS			REVENUE		
	2016	2017	Change	2016	2017	Change
Ticket Agent*	220,405	175,235	-20.5%	\$4,687,469	4,167,023	-11.1%
Vending Machine	373,671	383,542	2.6%	\$5,839,530	6,006,547	2.9%
Conductor	256,346	246,616	-3.8%	\$1,837,533	1,797,282	-2.2%
Mobile App	109,273	175,665	60.8%	\$1,856,501	2,818,335	51.8%
TOTAL	959,695	981,058	2.2%	\$14,221,033	\$14,789,187	4.0%

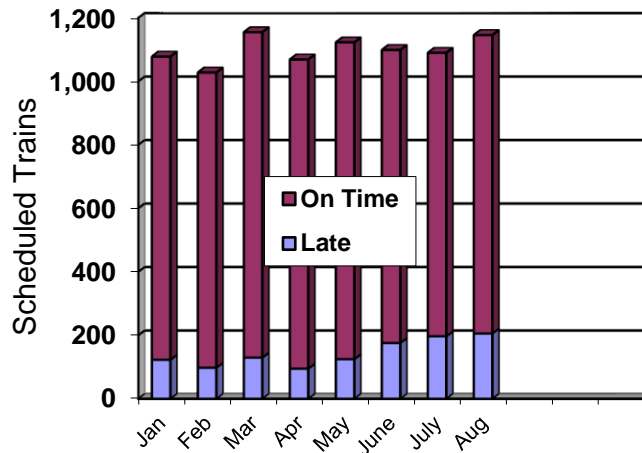
On Time Performance

Rush hour –Overall, 90.8% of A.M. and P.M. rush hour trains were on time in August; compared to 96.9% in August 2016. We consider a train to be on time when it arrives at its terminal within 5 minutes and 59 seconds of its scheduled arrival time (industry standard). 95.9% of all trains arrived at their terminal station within 10 minutes. 94.2% of westbound morning rush hour service was on time compared to 98.1% in August 2016; while eastbound rush hour trains reported an average on time performance of 87.0% compared to 95.7% in the previous year. Twelve out of 207 westbound trains were delayed in August ranging from 6-19 minutes. Twenty-four out of 184 eastbound trains encountered delays ranging from 7-55 minutes.¹

RANGE OF RUSH-HOUR DELAYS (in minutes)								
Range	AUGUST, 2017				CUMULATIVE THRU 2017			
	a.m.	p.m.	Total	Percent	a.m.	p.m.	Total	Percent
6-10	7	13	20	5.1	36	62	98	3.4
11-15	4	2	6	1.5	25	31	56	1.9
16-20	1	3	4	1.0	7	21	28	1.0
21-30	0	2	2	0.5	3	7	10	0.3
31-59	0	4	4	1.0	4	6	10	0.3
60+	0	0	0	0.0	0	10	10	0.3
On Time	195	160	355	90.8	1,455	1,216	2,671	92.6
Total Ran	207	184	391		1,530	1,353	2,883	
Annulled	0	0	0					

¹ We operate 9 westbound and 8 eastbound rush-hour trains per weekday.

Overall - We operated 1,146 trains in August and experienced 206 delays in excess of 5 minutes (ranging from 6-103 minutes) with a median delay of 10 minutes. In August 2016 we operated 1,149 trains and experienced 159 delays in excess of 5 minutes (ranging from 6-36 minutes) with a median delay of 11 minutes.



Cumulative On Time Comparison		
<i>Thru August</i>	2016	2017
Weekday	80.3	88.1
Peak	87.2	92.6
Off-peak	75.7	85.1
Weekend	76.8	81.2
Overall	79.7	86.9

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 we had two annulled trains related to police activity and a third related to catenary. We also incurred three delays in excess of 60 minutes two of which were associated with the police incident and one was the result of late turn of equipment..

AUGUST 2017 MONTHLY PERFORMANCE REPORT

ANNULLED TRAINS OR DELAYS IN EXCESS OF 59 MINUTES							
Date	Train #	Minutes	Reason	Date	Train #	Minutes	Reason
1-6	6	Annulled	Mechanical	1-16	119	76	Metra
1-10	11	75	NIPSCO outage		220	114	Metra
	15	122	NIPSCO outage	3-8	107	170	NIPSCO outage
	19	80	NIPSCO outage		116	89	NIPSCO outage
	20	97	NIPSCO outage		216	Annulled	NIPSCO outage
	111	90	NIPSCO outage		218	Annulled	NIPSCO outage
	113	95	NIPSCO outage	4-17	19	62	Trespass on Metra
	115	100	NIPSCO outage	4-24	101	169	Metra switch fail
	117	125	NIPSCO outage	4-27	424	Annulled	Mechanical
	119	Annulled	NIPSCO outage	5-15	205	Annulled	Track maintenance
	217	109	NIPSCO outage	5-16	205	Annulled	Track maintenance
	220	Annulled	NIPSCO outage	5-16	9	77	Auto Crash
	222	90	NIPSCO outage	5-17	205	Annulled	Track maintenance
	121	89	NIPSCO outage	5-18	205	Annulled	Track maintenance
1-12	6	Annulled	Weather	5-19	205	Annulled	Track maintenance
	7	Annulled	Weather	5-22	205	Annulled	Track maintenance
	9	Annulled	Weather	5-23	205	Annulled	Track maintenance
	11	Annulled	Weather	5-24	205	Annulled	Track maintenance
	14	Annulled	Weather	5-25	205	Annulled	Track maintenance
	15	82	Weather	5-26	205	Annulled	Track maintenance
	18	Annulled	Weather	5-30	205	Annulled	Track maintenance
	20	Annulled	Weather	5-31	205	Annulled	Track maintenance
	104	Annulled	Weather	6-1	205	Annulled	Track maintenance
	106	Annulled	Weather	6-2	205	Annulled	Track maintenance
	107	Annulled	Weather	6-6	11	Annulled	Tr 18 derail Millenn
	108	Annulled	Weather		15	Annulled	Tr 18 derail Millenn
	109	Annulled	Weather		109	Annulled	Tr 18 derail Millenn
	110	Annulled	Weather		111	Annulled	Tr 18 derail Millenn
	111	Annulled	Weather		113	Annulled	Tr 18 derail Millenn
1-12	112	Annulled	Weather		115	Annulled	Tr 18 derail Millenn
	113	Annulled	Weather		117	Annulled	Tr 18 derail Millenn
	114	Annulled	Weather		119	Annulled	Tr 18 derail Millenn
	115	Annulled	Weather		209	Annulled	Tr 18 derail Millenn
	116	Annulled	Weather		217	Annulled	Tr 18 derail Millenn
	117	Annulled	Weather		220	Annulled	Tr 18 derail Millenn
	118	Annulled	Weather		222	Annulled	Tr 18 derail Millenn
	203	Annulled	Weather		422	Annulled	Tr 18 derail Millenn
	205	Annulled	Weather	7-9	510	100	Mechanical
	207	Annulled	Weather	7-20	9	87	Switch problems
	209	Annulled	Weather	7-23	507	Annulled	Debris Strike
	214	Annulled	Weather	8-1	9	Annulled	Catenary
	216	Annulled	Weather	8-4	101	68	LMU
	217	Annulled	Weather	8-8	109	103	Police
	218	Annulled	Weather		118	70	Police
	220	Annulled	Weather		209	Annulled	Police
	222	Annulled	Weather		220	Annulled	Police

RIDERSHIP REPORT: AUGUST, 2017

09/25/2017

	2015	Work	2016	Work	2017	Work	Change
	Passengers	Days	Passengers	Days	Passengers	Days	17/16
MONTHLY RIDERSHIP							
January	260,741	21	255,006	20	243,280	21	-4.6%
February	261,449	20	257,998	21	256,285	20	-0.7%
March	300,752	22	295,099	23	286,216	23	-3.0%
April	303,792	22	287,094	21	278,878	20	-2.9%
May	289,203	20	289,597	21	291,326	22	0.6%
June	333,805	22	307,307	22	315,133	22	2.5%
CUMULATIVE COMPARISON							
January	260,741	21	255,006	20	243,280	21	-4.6%
February	522,190	41	513,004	41	499,565	41	-2.6%
March	822,942	63	808,103	64	785,781	64	-2.8%
April	1,126,734	85	1,095,197	85	1,064,659	84	-2.8%
May	1,415,937	105	1,384,794	106	1,355,985	106	-2.1%
June	1,749,742	127	1,692,101	128	1,671,118	128	-1.2%
AVERAGE WEEKDAY RIDERSHIP							
January	10,830		10,892		10,003		-8.2%
February	11,218		10,547		10,885		3.2%
March	11,880		11,581		11,058		-4.5%
April	12,081		11,822		11,553		-2.3%
May	11,994		11,570		11,439		-1.1%
June	13,104		12,161		12,208		0.4%
AVERAGE WEEKDAY PEAK PERIOD RIDERSHIP							
January	8,430		8,603		7,898		-8.2%
February	8,512		7,975		8,211		3.0%
March	8,934		8,642		8,350		-3.4%
April	8,810		8,760		8,520		-2.7%
May	8,747		8,537		8,387		-1.8%
June	9,303		8,777		8,502		-3.1%
AVERAGE WEEKDAY OFF-PEAK RIDERSHIP							
January	2,399		2,289		2,105		-8.0%
February	2,706		2,585		2,674		3.4%
March	2,946		2,940		2,708		-7.9%
April	3,271		3,061		3,033		-0.9%
May	3,247		3,039		3,053		0.5%
June	3,801		3,384		3,706		9.5%

RIDERSHIP REPORT: AUGUST, 2017

09/25/2017

	2015	Work	2016	Work	2017	Work	Change
	Passengers	Days	Passengers	Days	Passengers	Days	17/16
AVERAGE WEEKEND/HOLIDAY RIDERSHIP (per day)							
January	3,332		3,379		3,321		-1.7%
February	4,637		4,532		4,822		6.4%
March	4,376		3,591		3,986		11.0%
April	4,751		4,315		4,783		10.8%
May	4,485		4,663		4,406		-5.5%
June	5,689		4,971		5,819		17.1%

RIDERSHIP REPORT: AUGUST, 2017

09/25/2017

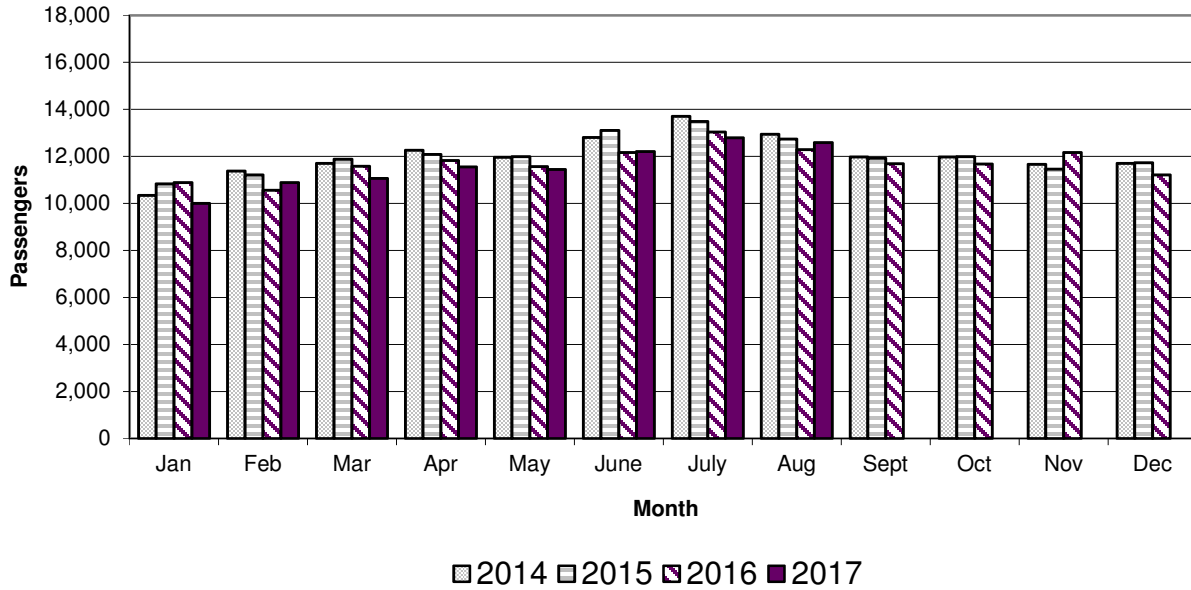
	2015	Work Days	2016	Work Days	2017	Work Days	Change 17/16
	Passengers		Passengers		Passengers		
MONTHLY RIDERSHIP							
July	362,048	23	326,207	20	322,717	20	-1.1%
August	326,279	21	321,033	23	337,910	23	5.3%
September	297,252	21	288,198	21			
October	305,425	22	294,337	21			
November	272,665	20	300,628	21			
December	303,855	22	281,576	21			
CUMULATIVE COMPARISON							
July	2,111,790	150	2,018,308	148	1,993,835	148	-1.2%
August	2,438,069	171	2,339,341	171	2,331,745	171	-0.3%
September	2,735,321	192	2,627,539	192			
October	3,040,746	214	2,921,876	213			
November	3,313,411	234	3,222,504	234			
December	3,617,266	256	3,504,080	255			
AVERAGE WEEKDAY RIDERSHIP							
July	13,488		13,037		12,794		-1.9%
August	12,742		12,289		12,580		2.4%
September	11,918		11,682				
October	11,989		11,671				
November	11,464		12,159				
December	11,733		11,217				
Thru August	12,192	171	11,743	171	11,571	171	-1.5%
AVERAGE WEEKDAY PEAK PERIOD RIDERSHIP							
July	8,734		8,407		8,406		0.0%
August	8,910		8,694		8,612		-0.9%
September	8,865		8,661				
October	8,963		8,704				
November	8,477		8,685				
December	8,031		7,552				
Thru August	8,803	171	8,554	171	8,364	171	-2.2%
AVERAGE WEEKDAY OFF-PEAK RIDERSHIP							
July	4,754		4,629		4,387		-5.2%
August	3,831		3,595		3,968		10.4%
September	3,053		3,021				
October	3,026		2,967				
November	2,987		3,473				
December	3,703		3,665				
Thru August	3,390	171	3,190	171	3,207	171	0.5%

RIDERSHIP REPORT: AUGUST, 2017

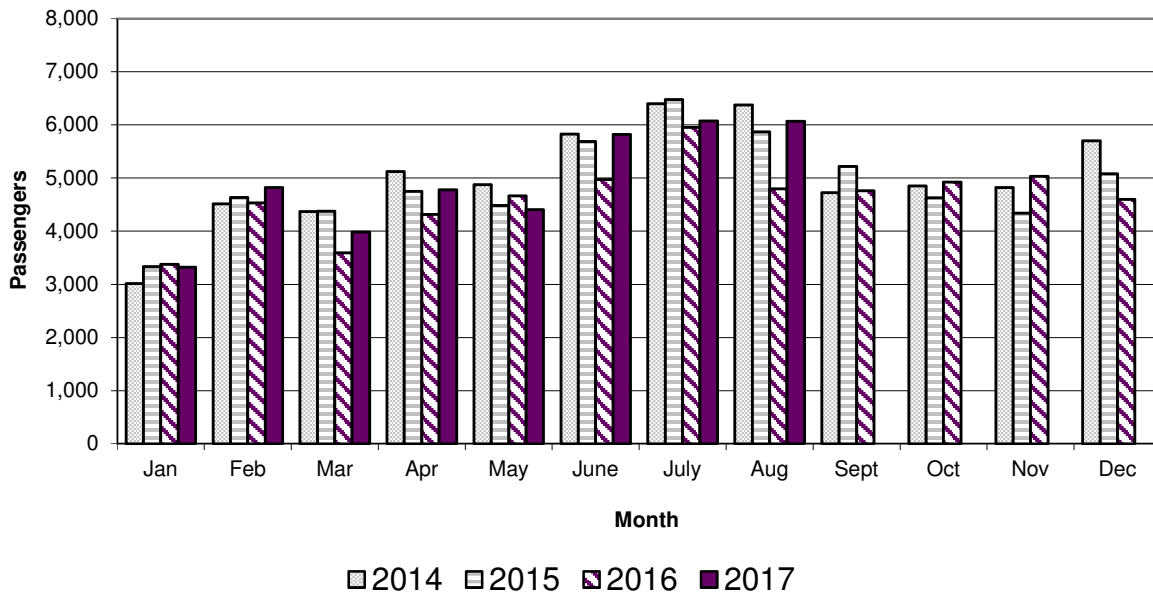
09/25/2017

	2015	Wkend	2016	Wkend	2017	Wkend	Change
	Passengers	Days	Passengers	Days	Passengers	Days	17/16
AVERAGE WEEKEND/HOLIDAY RIDERSHIP (per day)							
July	6,478		5,952		6,077		2.1%
August	5,870		4,797		6,070		26.5%
September	5,218		4,763				
October	4,630		4,929				
November	4,339		5,033				
December	5,080		4,602				
Thru August	4,905	72	4,538	73	4,904	72	8.1%

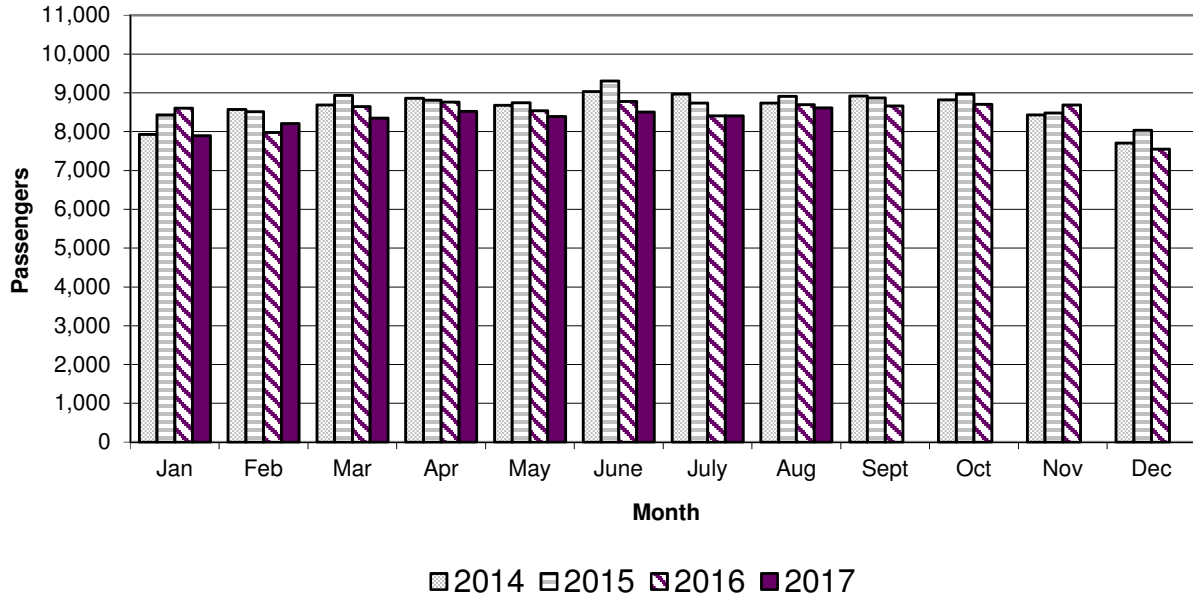
SOUTH SHORE WEEKDAY RIDERSHIP 2014-2017



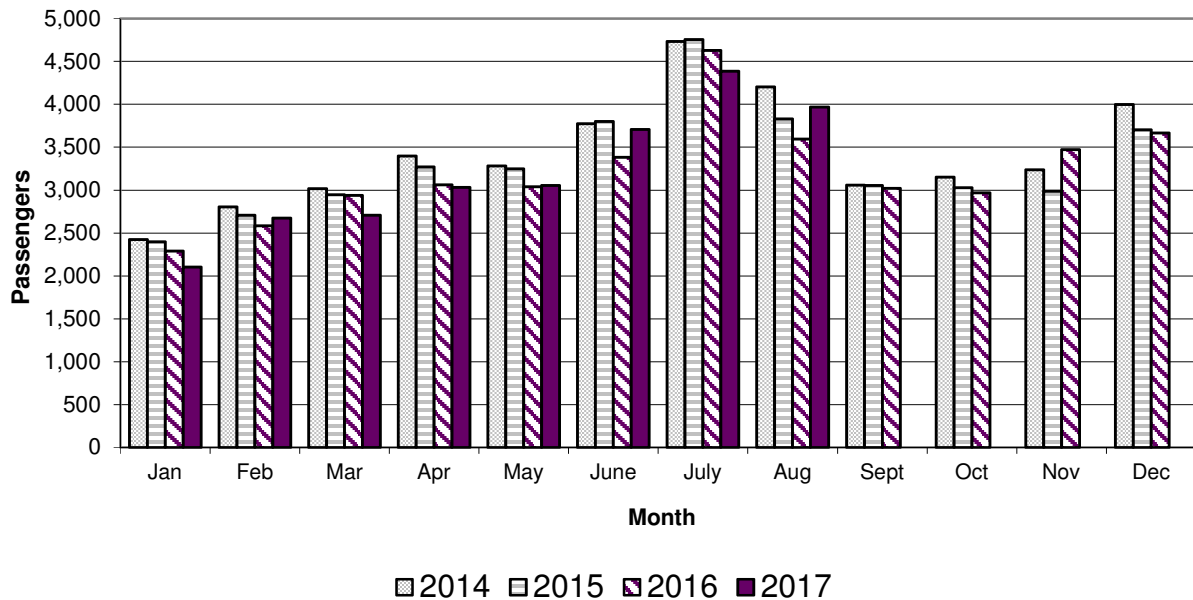
SOUTH SHORE WEEKEND/HOLIDAY RIDERSHIP: 2014-2017



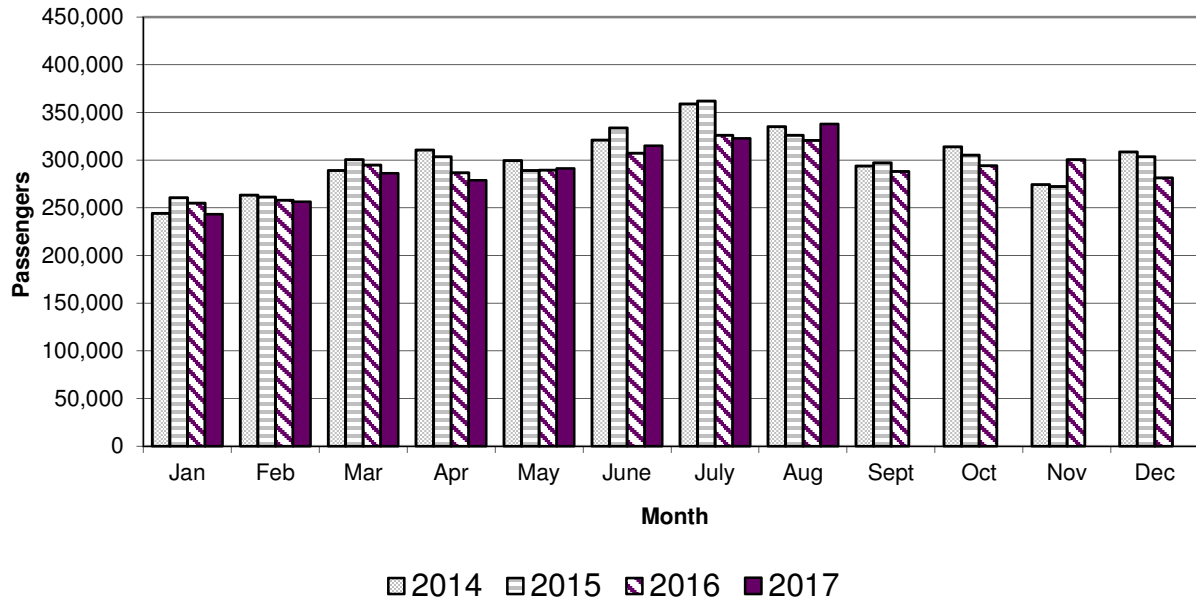
SOUTH SHORE PEAK RIDERSHIP 2014-2017



SOUTH SHORE OFF-PEAK RIDERSHIP 2014-2017



SOUTH SHORE MONTHLY RIDERSHIP 2014-2017



PERCENT ON TIME: AUGUST, 2017

PEAK

Train	Days Late	% on Time
102	0	100.0%
104	0	100.0%
6	3	87.0%
106	0	100.0%
108	2	91.3%
110	3	87.0%
112	0	100.0%
114	2	91.3%
214	2	91.3%
11	3	87.0%
111	1	95.7%
113	1	95.7%
115	5	78.3%
15/17	2	91.3%
117	9	60.9%
217	3	87.0%
119	0	100.0%
Total	36	90.8%
Westbound	12	94.2%
Eastbound	24	87.0%

OFF-PEAK

Train	Days Late	% on Time
14	7	69.6%
216	1	95.7%
116	11	52.2%
218	3	87.0%
18	20	13.0%
118	6	73.9%
220	1	95.5%
20	11	52.2%
222	3	87.0%
420	0	100.0%
22	3	87.0%
424	2	91.3%
401	0	100.0%
203	0	100.0%
403	3	87.0%
205	1	95.7%
207	2	91.3%
7	14	39.1%
107	6	73.9%
9	15	31.8%
109	13	43.5%
209	1	95.5%
19	3	87.0%
121	5	78.3%
123	4	82.6%
101	2	91.3%
Total	137	77.0%
Westbound	68	75.3%
Eastbound	69	78.4%

WEEKEND/HOLIDAY

Train	Days Late	% on Time
600	2	75.0%
502	6	25.0%
504	2	75.0%
606	2	75.0%
506	2	75.0%
608	1	87.5%
508	2	75.0%
610	1	87.5%
510	2	75.0%
710	Deadhead move	
503	1	87.5%
603	1	87.5%
605	0	100.0%
505	1	87.5%
507	2	75.0%
509	2	75.0%
511	2	75.0%
613	0	100.0%
601	2	75.0%
701	2	75.0%
703	0	100.0%
Total	33	79.4%
Westbound	20	72.2%
Eastbound	13	85.2%

REASONS (weekday)

Reason	Days	%
CAR	7	4.0%
CAT	2	1.2%
DBS		0.0%
AMT	3	1.7%
DMW	52	30.1%
DSR	2	1.2%
DSS	10	5.8%
FTI	5	2.9%
HLD	3	1.7%
LMU	2	1.2%
MET	30	17.3%
OTH	3	1.7%
PAS	12	6.9%
POL	9	5.2%
PTI	15	8.7%
SVS	2	1.2%
TOD	3	1.7%
TRS	3	1.7%
WTR	1	0.6%
NIPSCO		0.0%
FRR	8	4.6%
OET	1	0.6%
TRK		0.0%
DDS		0.0%
OPR		0.0%
UTL		0.0%
VAN		0.0%
SUB		
TOTAL	173	100.0%

REASONS (weekend)

Reason	Days	%
CAR		0.0%
CAT		0.0%
DBS		0.0%
AMT	1	3.0%
DMW		0.0%
DSR	1	3.0%
DSS	4	12.1%
FTI	4	12.1%
HLD	2	6.1%
LMU		0.0%
MET	3	9.1%
OTH	1	3.0%
PAS	7	21.2%
POL		0.0%
PTI	2	6.1%
SVS	1	3.0%
TOD		0.0%
TRS	6	18.2%
DDS		0.0%
OPR		0.0%
WTR		0.0%
FRR	1	3.0%
SUB		0.0%
NIPSCO		0.0%
OET		0.0%
TRK		0.0%
UTL		0.0%
VAN		0.0%
TOTAL	33	100%

Trains less than 90% on time

- CAR - Car or equipment failure of malfunction
- CAT - Catenary problems or power outage
- DBS - Delays due to busing
- AMT - Amtrak Delay
- 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.
- 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
- OTH - Other delays
- OET - Operational Efficiency Testing
- UTL - utility power outage
- SUB - Substation

- OPR - Operational delay
- VAN - Vandalism
- PAS - Passenger boarding
- POL - Police related delays - except road crossing or trespasser accidents
- PTI - Passenger train interference
- SVS - Servicing - includes adding or subtracting equipment to or from consist
- TOD - Train order delay - not associated with train meets
- TRS - Trespasser incidents including road crossing accidents
- WTR - Delays related to inclement weather
- NIPSCO - Delays caused by power utility disruption
- FRR - Freight train interference from crossing road
- TRK - Track/wayside malfunction
- DDS - Debris Strike

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

CUMULATIVE PERCENT ON TIME THRU AUGUST, 2017

PEAK

Train	Days Late	% on Time
102	3	98.2%
104	5	97.1%
6	22	87.0%
106	4	97.6%
108	3	98.2%
110	12	92.9%
112	4	97.6%
114	12	92.9%
214	10	94.1%
11	29	82.8%
111	8	95.3%
113	17	89.9%
115	15	91.1%
15/17	7	95.9%
117	42	75.1%
217	13	92.3%
119	6	96.4%
Total	212	92.6%
Westbound	75	95.1%
Eastbound	137	89.9%

OFF-PEAK

Train	Days Late	% on Time
14	36	78.8%
216	6	96.4%
116	54	68.2%
216	13	92.3%
18	88	48.2%
118	13	92.4%
218	9	94.6%
20	65	61.8%
220	9	94.7%
420	1	99.4%
22	20	88.3%
422	7	95.9%
401	2	98.8%
203	3	98.2%
403	10	94.2%
205	28	82.1%
207	6	96.5%
7	44	74.1%
107	37	78.2%
9	52	69.2%
109	40	76.3%
209	11	93.5%
19	32	81.3%
121	33	80.7%
123	27	84.2%
101	10	94.2%
Total	656	85.1%
Westbound	321	84.2%
Eastbound	335	85.9%

WEEKEND/HOLIDAY

Train	Days Late	% on Time
600	9	87.5%
502	26	63.9%
504	15	79.2%
606	26	63.9%
506	25	65.3%
608	6	91.7%
508	18	75.0%
610	11	84.7%
510	10	86.1%
710	Deadhead move	
503	11	84.7%
603	5	93.1%
605	5	93.1%
505	10	86.1%
507	23	67.6%
509	23	68.1%
511	21	70.8%
513	3	95.8%
601	11	84.7%
703	3	95.8%
705	21	70.8%
Total	282	80.4%
Westbound	146	77.5%
Eastbound	136	82.8%

Trains less than 90% on time

CUMULATIVE REASONS FOR DELAYS THRU AUGUST, 2017

REASONS (weekday)		
CAR	43	5.0%
CAT	2	0.2%
DBS	3	0.3%
AMT	32	3.7%
DMW	154	17.7%
DSR	15	1.7%
DSS	39	4.5%
FTI	30	3.5%
HLD	17	2.0%
LMU	13	1.5%
MET	200	23.0%
OTH	37	4.3%
PAS	45	5.2%
POL	19	2.2%
PTI	80	9.2%
SVS	9	1.0%
TOD	8	0.9%
TRS	5	0.6%
WTR	30	3.5%
NIPSCO		0.0%
FRR	37	4.3%
OET	7	0.8%
UTL	21	2.4%
OPR	1	0.1%
DDS	1	0.1%
SUB		0.0%
TRK	20	2.3%
VAN		0.0%
TOTAL	868	100.0%

REASONS (weekend)		
CAR	17	6.0%
CAT		0.0%
DBS		0.0%
AMT	10	3.5%
DMW	6	2.1%
DSR	5	1.8%
DSS	11	3.9%
FTI	16	5.7%
HLD	11	3.9%
LMU	3	1.1%
MET	36	12.8%
OTH	12	4.3%
PAS	62	22.0%
POL	9	3.2%
PTI	42	14.9%
SVS	10	3.5%
TOD	1	0.4%
TRS	7	2.5%
WTR		0.0%
NIPSCO		0.0%
FRR	9	3.2%
OET		0.0%
UTL	4	1.4%
OPR		0.0%
DDS		0.0%
SUB	2	0.7%
TRK	9	3.2%
VAN		0.0%
TOTAL	282	100.0%

TOTAL		
CAR	60	5.2%
CAT	2	0.2%
DBS	3	0.3%
AMT	42	3.7%
DMW	160	13.9%
DSR	20	1.7%
DSS	50	4.3%
FTI	46	4.0%
HLD	28	2.4%
LMU	16	1.4%
MET	236	20.5%
OTH	49	4.3%
PAS	107	9.3%
POL	28	2.4%
PTI	122	10.6%
SVS	19	1.7%
TOD	9	0.8%
TRS	12	1.0%
WTR	30	2.6%
NIPSCO	0	0.0%
FRR	46	4.0%
OET	7	0.6%
UTL	25	2.2%
OPR	1	0.1%
DDS	1	0.1%
SUB	2	0.2%
TRK	29	2.5%
VAN	0	0.0%
TOTAL	1,150	100.0%

CAR - Car or equipment failure of malfunction

CAT - Catenary problems or power outage

DBS - Delays due to busing

AMT - Amtrak delay

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

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

OTH - Other delays

SUB - Substation

UTL - utility power outage

PAS - Passenger boarding

POL - Police related delays - except road crossing or trespasser accidents

PTI - Passenger train interference

SVS - Servicing - includes adding or subtracting equipment to or from consist

TOD - Train order delay - not associated with train meets

TRS - Trespasser incidents including road crossing accidents

WTR - Delays related to inclement weather

NIPSCO - Delays caused by power utility disruption

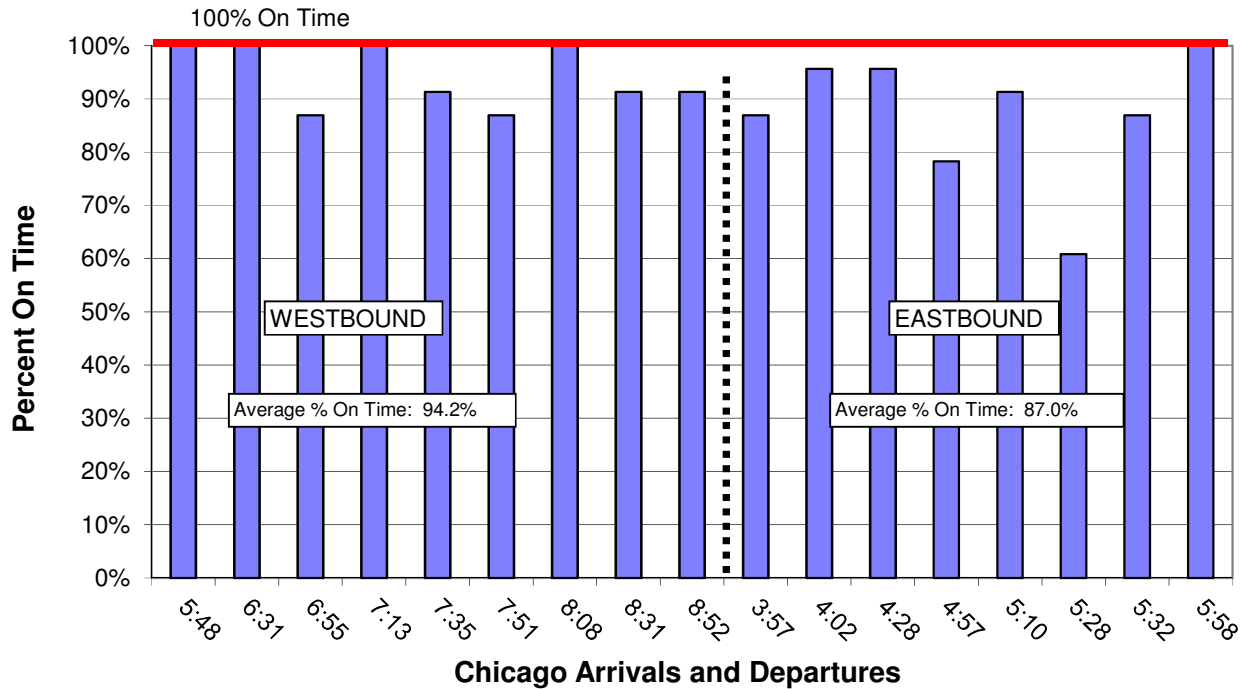
FRR - Freight train interference from crossing road

OET - Operational efficiency testing

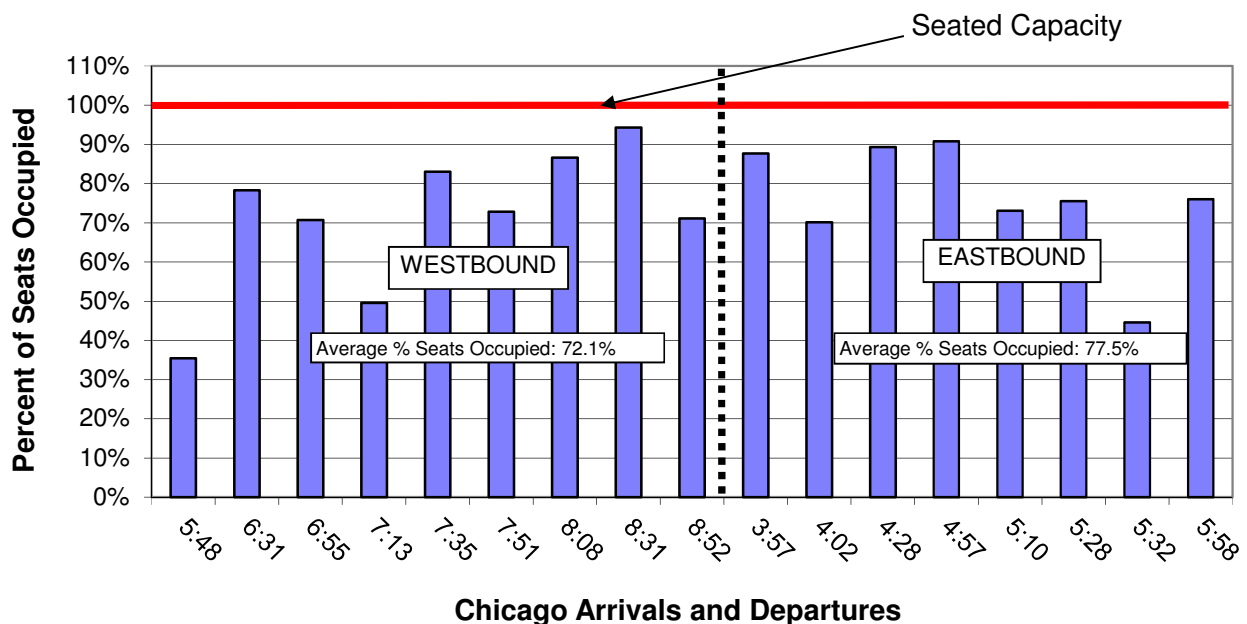
TRK - Track/wayside malfunction

VAN - Vandalism

RUSH HOUR ON TIME PERFORMANCE: AUGUST 2017



PERCENT OF RUSH HOUR SEATS OCCUPIED: AUGUST 2017



RUSH HOUR* TRAIN DELAYS - AUGUST 2017 (minutes late)

Train	Arrive	Tues	Wed	Thurs	Fri	Mon	Tues	Wed	Thurs	Fri	Mon	Tues	Wed	Thurs	Fri	Mon	Tues	Wed	Thurs	Fri	Mon	Tues	Wed	Thurs	Days	Days	%	
		1	2	3	4	7	8	9	10	11	14	15	16	17	18	21	22	23	24	25	28	29	30	31	Late	Ran	On Time	
102	5:48a																									23	100.0%	
104	6:31																										23	100.0%
6	6:55	6		6	7																				3	23	87.0%	
106	7:13																										23	100.0%
108	7:35			13																				10	2	23	91.3%	
110	7:51			7							14				15											3	23	87.0%
112	8:08																										23	100.0%
114	8:31			11			19																			2	23	91.3%
214	8:52						7	10																		2	23	91.3%
14	10:28		20		10		9				15				23	6							15		7	23	69.6%	
Train	Depart																								Days	Days	%	
11	3:57						55						10												8	3	23	87.0%
111	4:02						50																			1	23	95.7%
113	4:28						50																			1	23	95.7%
115	4:57					7	33	9	7		8															5	23	78.3%
117	5:10				8		23	16	9	26	10			20										7	9	9	23	60.9%
17	5:28						14			12																2	23	91.3%
217	5:32						19			9																3	23	87.0%
119	5:58																										23	100.0%
19	7:10		10		40																					2	23	91.3%
High temp		84	84	84	66	75	79	81	81	79	82	85	88	84	79	85	77	74	71	73	75	79	77	75				
Low temp		60	62	63	55	54	51	58	55	59	60	64	60	70	64	70	59	53	50	45	60	57	54	57				

* Includes off-peak Trains 14 and 19 for comparative purposes

Temperatures from South Bend

On time

A = Annulled

MONTHLY SUMMARY OF RUSH HOUR ON TIME PERFORMANCE

	Jan			Feb			Mar			Apr			May			June		
	#Late	#Ran	%On time	#Late	#Ran	%On time	#Late	#Ran	%On time	#Late	#Ran	%On time	#Late	#Ran	%On time	#Late	#Ran	%On time
WB Rush	11	180	93.9%	13	180	92.8%	9	207	95.7%	6	180	96.7%	8	198	96.0%	5	198	97.5%
EB Rush	21	161	87.0%	7	160	95.6%	12	184	93.5%	5	160	96.9%	22	176	87.5%	23	168	86.3%
Total Rush	32	341	90.6%	20	340	94.1%	21	391	94.6%	11	340	96.8%	30	374	92.0%	28	366	92.3%

	July			Aug			Sept			Oct			Nov			Dec		
	#Late	#Ran	%On time	#Late	#Ran	%On time	#Late	#Ran	%On time	#Late	#Ran	%On time	#Late	#Ran	%On time	#Late	#Ran	%On time
WB Rush	11	180	93.9%	12	207	94.2%			#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!
EB Rush	23	160	85.6%	24	184	87.0%			#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!
Total Rush	34	340	90.0%	36	391	90.8%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!

EXPLANATION OF DELAYS AFFECTING MULTIPLE TRAINS:

Aug 14-28: Panel replacement along 11th St. required busing mid-day trains between Carroll Ave. and Dune Park.

Cumulative				
Arrive	Train #	Days Late	Days Ran	% On Time
5:48a	102	3	171	98.2%
6:31	104	5	170	97.1%
6:55	6	22	169	87.0%
7:13	106	4	170	97.6%
7:35	108	3	170	98.2%
7:51	110	12	170	92.9%
8:08	112	4	170	97.6%
8:31	114	12	170	92.9%
8:52	214	10	170	94.1%
10:28	14	34	170	80.0%
Depart				
3:57	11	29	169	82.8%
4:02p	111	8	169	95.3%
4:28	113	17	169	89.9%
4:57	115	15	169	91.1%
5:10	117	19	170	88.8%
5:28	17	30	169	82.2%
5:32	217	13	169	92.3%
5:58	119	6	169	96.4%
7:15	19	29	170	82.9%

Year-to-date cumulative			
	#Late	#Ran	%On time
WB Rush	75	1530	95.1%
EB Rush	137	1353	89.9%
Total Rush	212	2,883	92.6%

CUMULATIVE RUSH HOUR thru AUGUST						
Range	TOTAL			PERCENTAGE		
	am	pm	total	am	pm	total
6-10	36	62	98	2.4%	4.6%	3.4%
11-15	25	31	56	1.6%	2.3%	1.9%
16-20	7	21	28	0.5%	1.6%	1.0%
21-30	3	7	10	0.2%	0.5%	0.3%
31-59	4	6	10	0.3%	0.4%	0.3%
60+	0	10	10	0.0%	0.7%	0.3%
Annulled	9	15	24			
Total Late	75	137	212	4.9%	10.1%	7.4%
On time	1,455	1,216	2,671	95.1%	89.9%	92.6%
Total ran	1,530	1,353	2,883			

Total Late and Total Ran exclude annulled trains

GRAND TOTAL ALL TRAINS thru AUGUST 2017						
Range	Peak					
	WB	EB	Off	Wkend	Total	%
6-10	36	62	369	140	607	6.9%
11-15	25	31	149	83	288	3.3%
16-20	7	21	49	34	111	1.3%
21-30	3	7	49	14	73	0.8%
31-59	4	6	25	10	45	0.5%
60+	0	10	15	1	26	0.3%
Annulled	9	15	43	1	68	
Total	75	137	656	282	1,150	13.1%
On Time	1,455	1,215	3,747	1,221	7,638	86.9%
Total ran	1,530	1,352	4,403	1,503	8,788	

Total Late and Total Ran exclude annulled trains

AUGUST RUSH HOUR						
Range	TOTAL			PERCENTAGE		
	am	pm	total	am	pm	total
6-10	7	13	20	3.4%	7.1%	5.1%
11-15	4	2	6	1.9%	1.1%	1.5%
16-20	1	3	4	0.5%	1.6%	1.0%
21-30	0	2	2	0.0%	1.1%	0.5%
31-59	0	4	4	0.0%	2.2%	1.0%
60+	0	0	0	0.0%	0.0%	0.0%
Annulled	0	0	0			
Total Late	12	24	36	5.8%	13.0%	9.2%
On time	195	160	355	94.2%	87.0%	90.8%
Total ran	207	184	391			