

# **MONTHLY RIDERSHIP AND PERFORMANCE REPORT**

**February 2017  
Monthly Performance Report**



**NICTD**

## FEBRUARY, 2017 MONTHLY PERFORMANCE REPORT

### Ridership

February ridership declined by 0.7% compared to last year. This year we carried 256,285 passengers. In February 2016 we carried 257,998. The decline is due to one less calendar day (2016 was leap year).

### Weekday Travel

Average weekday travel increased by 3.2% (10,885) compared with February 2016 (10,547). Average **peak** travel rose by 3.2%; and **off-peak** travel increased by 3.0%.

AVERAGE SEAT OCCUPANCY**					
WESTBOUND			EASTBOUND		
Arrival	% of seats occupied		Departure	% of seats occupied	
	Avg. 2016	Feb 2017		Avg. 2016	Feb 2017
5:48 a	35.5	41.5	3:57 p***	72.4	61.9
6:31 a	68.7	82.4	4:02 p	64.3	87.4
6:55 a***	74.6	67.8	4:28 p	90.2	88.2
7:13 a	70.9	83.4	4:57 p	93.4	87.2
7:35 a	83.1	84.0	5:10 p	79.3	80.9
7:51 a	80.3	69.6	5:28 p	76.5	81.9
8:08 a	83.0	87.4	5:32 p	77.8	69.0
8:31 a	88.8	88.2	5:58 p	74.6	68.9
8:52 a	69.3	65.6	7:10 p*	58.6	47.9
10:28 a*	66.5	42.6			

\*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 rose by 6.4% over February 2016. We averaged 4,822 passengers per day on weekends compared to 4,532 last year.

### Analysis over last 12 months:

RIDERSHIP OVER LAST 12 MONTHS: MARCH THRU FEBRUARY							
	2013-14	2014-15	%Change	2015-16	%Change	2016-17	%Change
Total	3,572,532	3,629,706	1.6	3,608,080	-0.6	3,490,641	-3.2
Weekday	3,042,772	3,066,372	0.8	3,074,161	0.2	2,977,599	-3.1
Peak	2,174,255	2,197,063	1.0	2,227,078	1.4	2,158,944	-3.1
Off-peak	868,517	869,309	0.1	847,083	-2.6	818,794	-3.3
Weekend	529,760	563,334	6.3	533,919	-5.2	513,042	-3.9
South Bend	254,185	252,061	-0.8	248,881	-1.3	244,402	-1.8

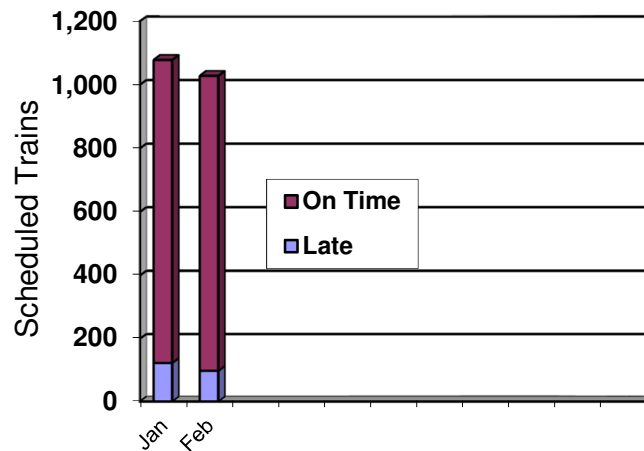
### On Time Performance

**Rush hour** –Overall, 94.1% of A.M. and P.M. rush hour trains were on time in February; compared to 80.2% in February 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). 95.3% of all trains arrived at their terminal station within 10 minutes. 92.8% of westbound morning rush hour service was on time compared to 85.6% in February 2016; while eastbound rush hour trains reported an average on time performance of

95.6% compared to 74.4% in the previous year. Thirteen out of 180 westbound trains were delayed in February ranging from 12-33 minutes. Seven out of 160 eastbound trains encountered delays ranging from 8-27 minutes.<sup>1</sup>

RANGE OF RUSH-HOUR DELAYS (in minutes)								
Range	FEBRUARY, 2017				CUMULATIVE THRU 2017			
	a.m.	p.m.	Total	Percent	a.m.	p.m.	Total	Percent
6-10	1	3	4	1.2	7	7	14	2.1
11-15	8	2	10	2.9	12	6	18	2.6
16-20	1	1	2	0.6	1	4	5	0.7
21-30	2	1	3	0.9	3	1	4	0.6
31-59	1	0	1	0.3	1	0	1	0.1
60+	0	0	0	0.0	0	10	10	1.5
<b>On Time</b>	<b>167</b>	<b>153</b>	<b>320</b>	<b>94.1</b>	<b>336</b>	<b>293</b>	<b>629</b>	<b>92.4</b>
Total Ran	180	160	340		360	321	681	
Annulled	0	0	0		9	7	16	

**Overall** - We operated 1,028 trains in February and experienced 98 delays in excess of 5 minutes (ranging from 6-36 minutes) with a median delay of 10 minutes. In February 2016 we operated 1,052 trains with 269 delays in excess of 5 minutes (ranging from 5-110 minutes) with a median delay of 12 minutes..



Cumulative On Time Comparison		
Thru Feb	2016	2017
<b>Weekday</b>	<b>82.2%</b>	<b>90.0%</b>
Peak	83.3%	92.4%
Off-peak	81.6%	88.5%
<b>Weekend</b>	<b>78.6%</b>	<b>87.3%</b>
<b>Overall</b>	<b>81.6%</b>	<b>89.5%</b>

**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 February we had no delays in excess of 59 minutes and no annulled trains. In 2016 we annulled 19 trains and had 7 delays in excess of 59 minutes.

<sup>1</sup> We operate 9 westbound and 8 eastbound rush-hour trains per day.

ANNULLED TRAINS OR DELAYS IN EXCESS OF 59 MINUTES							
Date	Train #	Minutes	Reason	Date	Train #	Minutes	Reason
1-6	6	Annulled	Mechanical	1-12	112	Annulled	Weather
1-10	11	75	NIPSCO outage		113	Annulled	Weather
	15	122	NIPSCO outage		114	Annulled	Weather
	19	80	NIPSCO outage		115	Annulled	Weather
	20	97	NIPSCO outage		116	Annulled	Weather
	111	90	NIPSCO outage		117	Annulled	Weather
	113	95	NIPSCO outage		118	Annulled	Weather
	115	100	NIPSCO outage		203	Annulled	Weather
	117	125	NIPSCO outage		205	Annulled	Weather
	119	Annulled	NIPSCO outage		207	Annulled	Weather
	217	109	NIPSCO outage		209	Annulled	Weather
	220	Annulled	NIPSCO outage		214	Annulled	Weather
	222	90	NIPSCO outage		216	Annulled	Weather
	121	89	NIPSCO outage		217	Annulled	Weather
1-12	6	Annulled	Weather		218	Annulled	Weather
	7	Annulled	Weather		220	Annulled	Weather
	9	Annulled	Weather		222	Annulled	Weather
	11	Annulled	Weather	1-16	119	76	Metra
	14	Annulled	Weather		220	114	Metra
	15	82	Weather				
	18	Annulled	Weather				
	20	Annulled	Weather				
	104	Annulled	Weather				
	106	Annulled	Weather				
	107	Annulled	Weather				
	108	Annulled	Weather				
	109	Annulled	Weather				
	110	Annulled	Weather				
	111	Annulled	Weather				

**RIDERSHIP REPORT: FEBRUARY, 2017**

03/29/2017

	2015	Work	2016	Work	2017	Work	Change
	Passengers	Days	Passengers	Days	Passengers	Days	17/16
<b>MONTHLY RIDERSHIP</b>							
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			
April	303,792	22	287,094	21			
May	289,203	20	289,597	21			
June	333,805	22	307,307	22			
<b>CUMULATIVE COMPARISON</b>							
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			
April	1,126,734	85	1,095,197	85			
May	1,415,937	105	1,384,794	106			
June	1,749,742	127	1,692,101	128			
<b>AVERAGE WEEKDAY RIDERSHIP</b>							
January	10,830		10,892		10,003		-8.2%
February	11,218		10,547		10,885		3.2%
March	11,880		11,581				
April	12,081		11,822				
May	11,994		11,570				
June	13,104		12,161				
<b>AVERAGE WEEKDAY PEAK PERIOD RIDERSHIP</b>							
January	8,430		8,603		7,898		-8.2%
February	8,512		7,975		8,211		3.0%
March	8,934		8,642				
April	8,810		8,760				
May	8,747		8,537				
June	9,303		8,777				
<b>AVERAGE WEEKDAY OFF-PEAK RIDERSHIP</b>							
January	2,399		2,289		2,105		-8.0%
February	2,706		2,585		2,674		3.4%
March	2,946		2,940				
April	3,271		3,061				
May	3,247		3,039				
June	3,801		3,384				

RIDERSHIP REPORT: FEBRUARY, 2017

03/29/2017

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

**RIDERSHIP REPORT: FEBRUARY, 2017**

03/29/2017

	2015	Work Days	2016	Work Days	2017	Work Days	Change 17/16
	Passengers		Passengers		Passengers		
<b>MONTHLY RIDERSHIP</b>							
July	362,048	23	326,207	20			
August	326,279	21	321,033	23			
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			
<b>CUMULATIVE COMPARISON</b>							
July	2,111,790	150	2,018,308	148			
August	2,438,069	171	2,339,341	171			
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			
<b>AVERAGE WEEKDAY RIDERSHIP</b>							
July	13,488		13,037				
August	12,742		12,289				
September	11,918		11,682				
October	11,989		11,671				
November	11,464		12,159				
December	11,733		11,217				
Thru February	11,019	41	10,722	41	10,434	41	-2.7%
<b>AVERAGE WEEKDAY PEAK PERIOD RIDERSHIP</b>							
July	8,734		8,407				
August	8,910		8,694				
September	8,865		8,661				
October	8,963		8,704				
November	8,477		8,685				
December	8,031		7,552				
Thru February	8,470	41	8,281	41	8,051	41	-2.8%
<b>AVERAGE WEEKDAY OFF-PEAK RIDERSHIP</b>							
July	4,754		4,629				
August	3,831		3,595				
September	3,053		3,021				
October	3,026		2,967				
November	2,987		3,473				
December	3,703		3,665				
Thru February	2,549	41	2,440	41	2,387	41	-2.2%

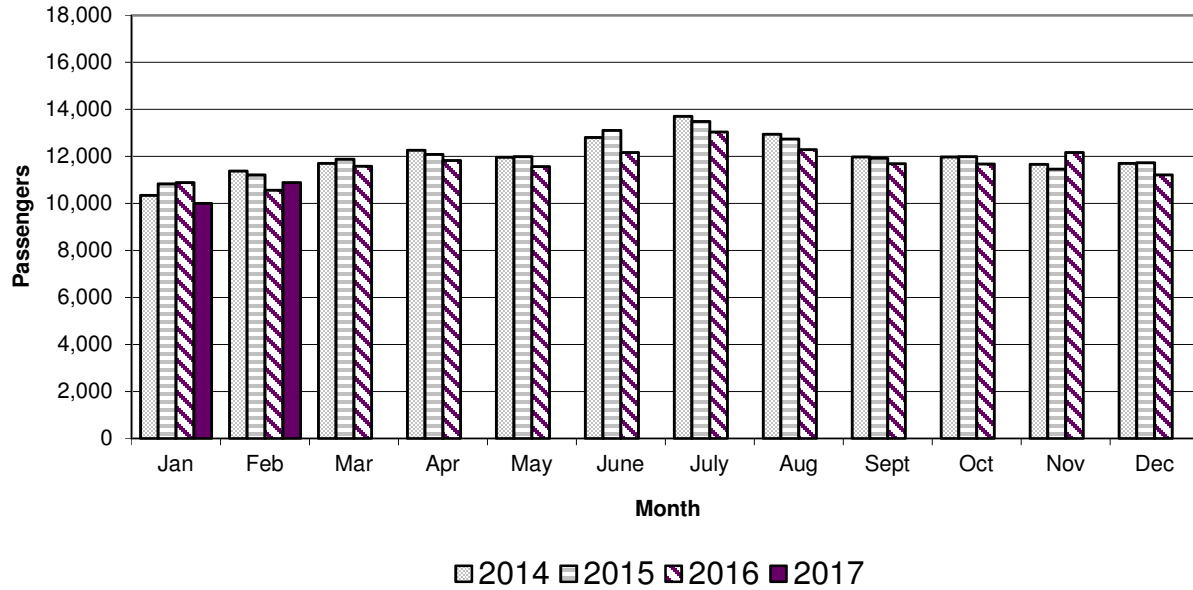
**RIDERSHIP REPORT: FEBRUARY, 2017**

03/29/2017

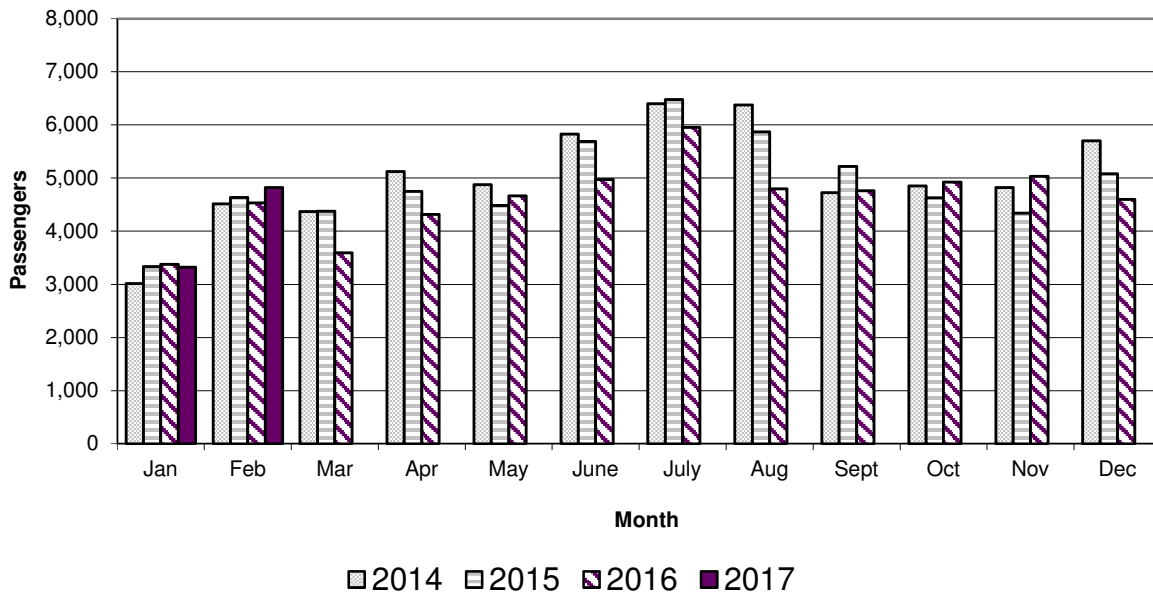
	2015	Wkend Days	2016	Wkend Days	2017	Wkend Days	Change 17/16
	Passengers		Passengers		Passengers		
<b>AVERAGE WEEKEND/HOLIDAY RIDERSHIP (per day)</b>							
July	6,478		5,952				
August	5,870		4,797				
September	5,218		4,763				
October	4,630		4,929				
November	4,339		5,033				
December	5,080		4,602				
Thru February	3,912	18	3,864	19	3,988	18	3.2%



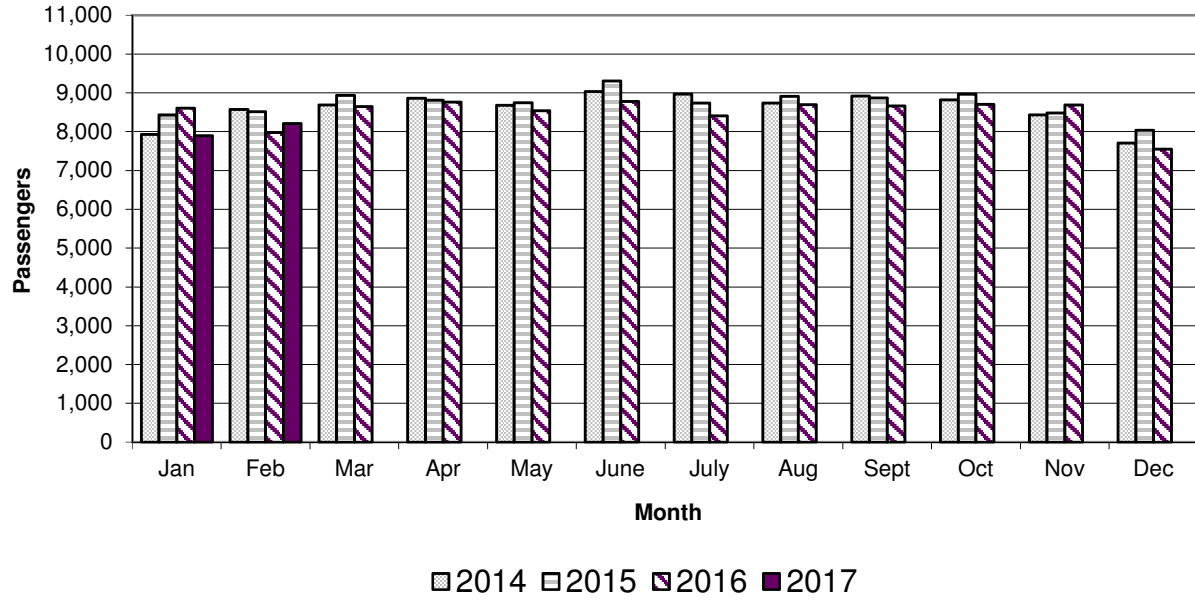
## SOUTH SHORE WEEKDAY RIDERSHIP 2014-2017



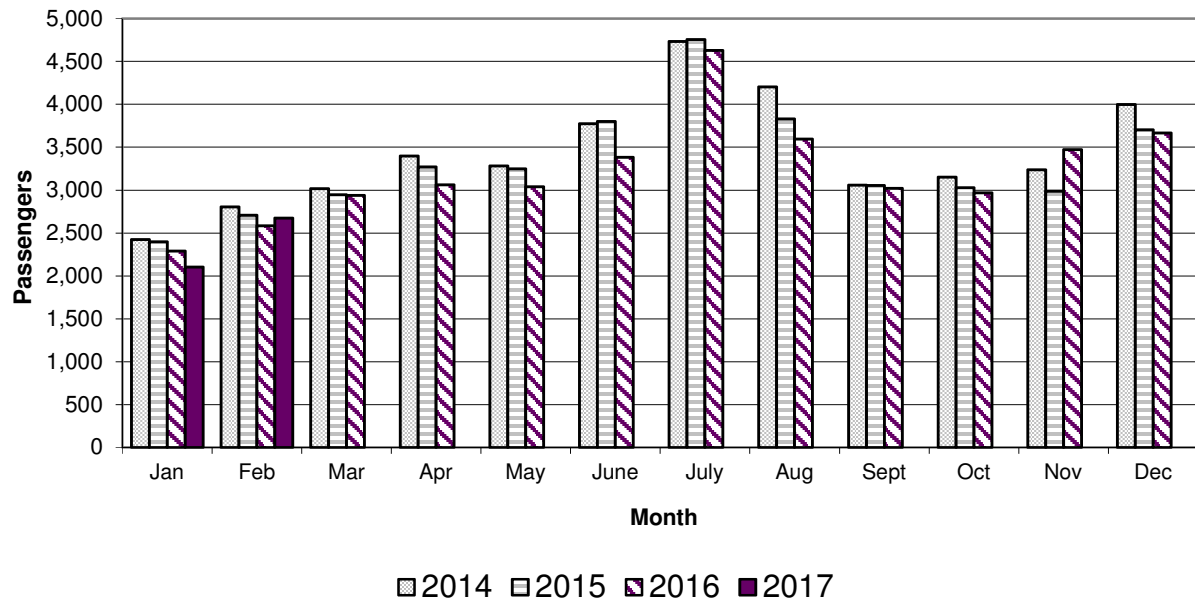
## SOUTH SHORE WEEKEND/HOLIDAY RIDERSHIP: 2014-2017



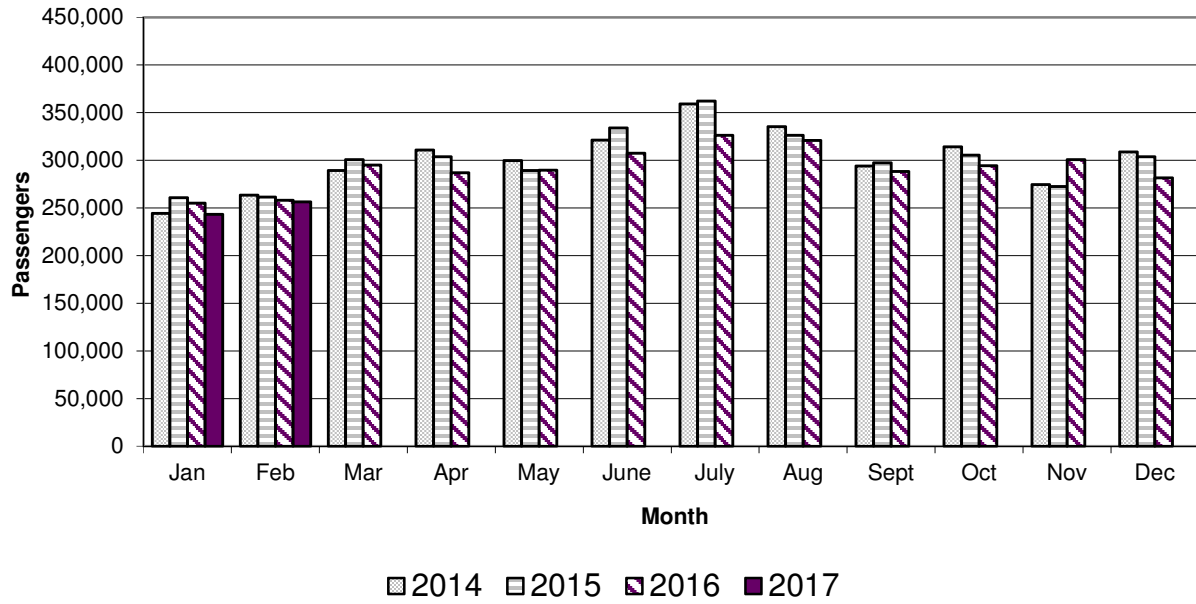
## SOUTH SHORE PEAK RIDERSHIP 2014-2017



## SOUTH SHORE OFF-PEAK RIDERSHIP 2014-2017



# SOUTH SHORE MONTHLY RIDERSHIP 2014-2017



PERCENT ON TIME: FEBRUARY, 2017

PEAK

Train	Days Late	% on Time
102	1	95.0%
104	1	95.0%
6	1	95.0%
106	1	95.0%
108	1	95.0%
110	2	90.0%
112	1	95.0%
<b>114</b>	<b>3</b>	<b>85.0%</b>
214	2	90.0%
11	1	95.0%
111	1	95.0%
113	2	90.0%
115	1	95.0%
15	0	100.0%
117	2	90.0%
217	0	100.0%
119	0	100.0%
Total	20	94.1%
Westbound	13	92.8%
Eastbound	7	95.6%

OFF-PEAK

Train	Days Late	% on Time
14	2	90.0%
216	0	100.0%
116	1	95.0%
218	0	100.0%
<b>18</b>	<b>4</b>	<b>80.0%</b>
118	0	100.0%
220	0	100.0%
<b>20</b>	<b>3</b>	<b>85.0%</b>
222	1	95.0%
420	0	100.0%
<b>22</b>	<b>3</b>	<b>85.0%</b>
424	1	95.0%
401	0	100.0%
203	1	95.0%
403	0	100.0%
<b>205</b>	<b>10</b>	<b>50.0%</b>
207	0	100.0%
<b>7</b>	<b>4</b>	<b>80.0%</b>
<b>107</b>	<b>4</b>	<b>80.0%</b>
<b>9</b>	<b>3</b>	<b>85.0%</b>
<b>109</b>	<b>3</b>	<b>85.0%</b>
209	0	100.0%
<b>19</b>	<b>4</b>	<b>80.0%</b>
<b>121</b>	<b>6</b>	<b>70.0%</b>
<b>123</b>	<b>3</b>	<b>85.0%</b>
101	0	100.0%
Total	53	89.8%
Westbound	15	93.8%
Eastbound	38	86.4%

WEEKEND/HOLIDAY

Train	Days Late	% on Time
600	0	100.0%
502	0	100.0%
<b>504</b>	<b>1</b>	<b>87.5%</b>
<b>606</b>	<b>4</b>	<b>50.0%</b>
<b>506</b>	<b>1</b>	<b>87.5%</b>
608	0	100.0%
<b>508</b>	<b>4</b>	<b>50.0%</b>
<b>610</b>	<b>2</b>	<b>75.0%</b>
510	0	100.0%
710	Cancelled*	
<b>503</b>	<b>1</b>	<b>87.5%</b>
603	0	100.0%
605	0	100.0%
505	0	100.0%
<b>507</b>	<b>6</b>	<b>25.0%</b>
<b>509</b>	<b>2</b>	<b>75.0%</b>
<b>511</b>	<b>1</b>	<b>87.5%</b>
613	0	100.0%
601	0	100.0%
701	0	100.0%
<b>703</b>	<b>3</b>	<b>62.5%</b>
Total	25	85.1%
Westbound	12	85.0%
Eastbound	13	85.2%

REASONS (weekday)

Reason	Count	%
CAR	3	4.1%
CAT		0.0%
DBS		0.0%
AMT	4	5.5%
DMW	5	6.8%
DSR	4	5.5%
DSS	2	2.7%
FTI	4	5.5%
HLD		0.0%
LMU	2	2.7%
MET	17	23.3%
OTH	2	2.7%
PAS	4	5.5%
POL	1	1.4%
PTI	7	9.6%
SVS	2	2.7%
TOD		0.0%
TRS		0.0%
WTR		0.0%
NIPSCO		0.0%
FRR	2	2.7%
OET	2	2.7%
TRK	12	16.4%
DDS		0.0%
OPR		0.0%
UTL		0.0%
VAN		0.0%
SUB		
TOTAL	73	100.0%

REASONS (weekend)

Reason	Count	%
CAR	2	8.0%
CAT		0.0%
DBS		0.0%
AMT		0.0%
DMW		0.0%
DSR		0.0%
DSS	1	4.0%
FTI		0.0%
HLD		0.0%
LMU		0.0%
MET		0.0%
OTH		0.0%
PAS	10	40.0%
POL		0.0%
PTI	7	28.0%
SVS		0.0%
TOD		0.0%
TRS		0.0%
DDS		0.0%
OPR		0.0%
WTR		0.0%
FRR	1	4.0%
SUB	1	4.0%
NIPSCO		0.0%
OET		0.0%
TRK	2	8.0%
UTL	1	4.0%
VAN		0.0%
TOTAL	25	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 FEBRUARY, 2017**

**PEAK**

Train	Days Late	% on Time
102	2	95.1%
104	3	92.5%
6	1	97.4%
106	1	97.5%
108	1	97.5%
110	4	90.0%
112	3	92.5%
<b>114</b>	<b>6</b>	<b>85.0%</b>
214	3	92.5%
11	2	95.0%
111	2	95.0%
113	5	87.5%
115	4	90.0%
15	4	90.0%
117	6	85.0%
217	2	95.0%
119	3	92.5%
Total	52	92.4%
Westbound	24	93.3%
Eastbound	28	91.3%

**OFF-PEAK**

Train	Days Late	% on Time
14	3	92.5%
216	0	100.0%
116	4	90.0%
216	1	97.5%
<b>18</b>	<b>10</b>	<b>75.0%</b>
118	1	97.5%
218	2	94.9%
<b>20</b>	<b>8</b>	<b>80.0%</b>
220	3	92.5%
420	1	97.6%
<b>22</b>	<b>7</b>	<b>82.9%</b>
422	2	95.1%
401	0	100.0%
203	2	95.0%
403	4	90.2%
<b>205</b>	<b>20</b>	<b>50.0%</b>
207	1	97.5%
<b>7</b>	<b>8</b>	<b>80.0%</b>
<b>107</b>	<b>6</b>	<b>85.0%</b>
9	4	90.0%
109	4	90.0%
209	0	100.0%
<b>19</b>	<b>10</b>	<b>75.6%</b>
<b>121</b>	<b>10</b>	<b>75.6%</b>
<b>123</b>	<b>8</b>	<b>80.5%</b>
101	2	95.1%
Total	121	88.5%
Westbound	42	91.3%
Eastbound	79	86.0%

**WEEKEND/HOLIDAY**

Train	Days Late	% on Time
600	1	94.4%
502	1	94.4%
<b>504</b>	<b>4</b>	<b>77.8%</b>
<b>606</b>	<b>5</b>	<b>72.2%</b>
<b>506</b>	<b>2</b>	<b>88.9%</b>
608	0	100.0%
<b>508</b>	<b>4</b>	<b>77.8%</b>
<b>610</b>	<b>3</b>	<b>83.3%</b>
<b>510</b>	<b>2</b>	<b>88.9%</b>
710	Cancelled*	
<b>503</b>	<b>2</b>	<b>88.9%</b>
603	0	100.0%
605	0	100.0%
505	1	94.4%
<b>507</b>	<b>8</b>	<b>55.6%</b>
<b>509</b>	<b>2</b>	<b>88.9%</b>
<b>511</b>	<b>3</b>	<b>83.3%</b>
<b>513</b>	<b>2</b>	<b>88.9%</b>
601	1	94.4%
703	0	100.0%
<b>705</b>	<b>7</b>	<b>61.1%</b>
Total	48	87.3%
Westbound	22	87.8%
Eastbound	26	86.9%

*Trains less than 90% on time*

## CUMULATIVE REASONS FOR DELAYS THRU FEBRUARY, 2017

REASONS (weekday)		
CAR	9	5.2%
CAT		0.0%
DBS		0.0%
AMT	6	3.5%
DMW	7	4.0%
DSR	4	2.3%
DSS	5	2.9%
FTI	7	4.0%
HLD		0.0%
LMU	3	1.7%
MET	59	34.1%
OTH	3	1.7%
PAS	5	2.9%
POL	4	2.3%
PTI	17	9.8%
SVS	4	2.3%
TOD	1	0.6%
TRS		0.0%
WTR	2	1.2%
NIPSCO		0.0%
FRR	6	3.5%
OET	2	1.2%
UTL	14	8.1%
OPR		0.0%
DDS		0.0%
SUB		0.0%
TRK	15	8.7%
VAN		0.0%
TOTAL	173	100.0%

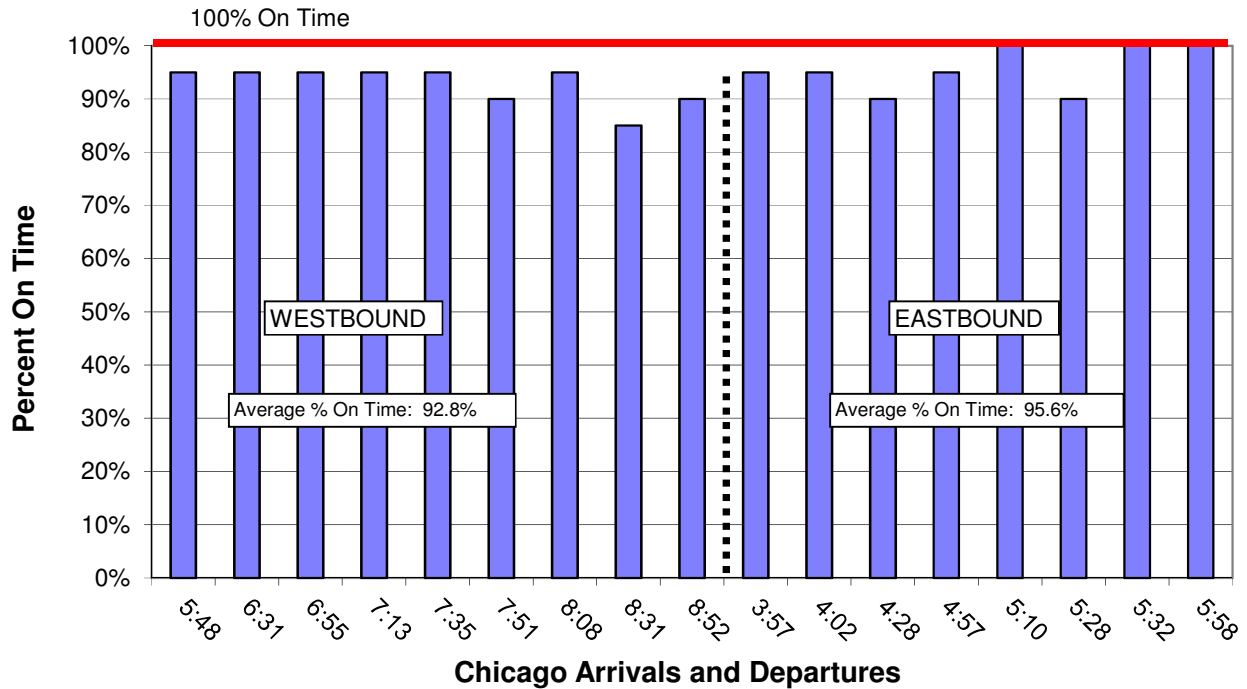
REASONS (weekend)		
CAR	2	4.2%
CAT		0.0%
DBS		0.0%
AMT		0.0%
DMW	1	2.1%
DSR		0.0%
DSS	1	2.1%
FTI	3	6.3%
HLD	1	2.1%
LMU		0.0%
MET	2	4.2%
OTH	1	2.1%
PAS	13	27.1%
POL		0.0%
PTI	12	25.0%
SVS		0.0%
TOD		0.0%
TRS		0.0%
WTR		0.0%
NIPSCO		0.0%
FRR	1	2.1%
OET		0.0%
UTL	1	2.1%
OPR		0.0%
DDS		0.0%
SUB	1	2.1%
TRK	9	18.8%
VAN		0.0%
TOTAL	48	100.0%

TOTAL		
CAR	11	5.0%
CAT	0	0.0%
DBS	0	0.0%
AMT	6	2.7%
DMW	8	3.6%
DSR	4	1.8%
DSS	6	2.7%
FTI	10	4.5%
HLD	1	0.5%
LMU	3	1.4%
MET	61	27.6%
OTH	4	1.8%
PAS	18	8.1%
POL	4	1.8%
PTI	29	13.1%
SVS	4	1.8%
TOD	1	0.5%
TRS	0	0.0%
WTR	2	0.9%
NIPSCO	0	0.0%
FRR	7	3.2%
OET	2	0.9%
UTL	15	6.8%
OPR	0	0.0%
DDS	0	0.0%
SUB	1	0.5%
TRK	24	10.9%
VAN	0	0.0%
TOTAL	221	100.0%

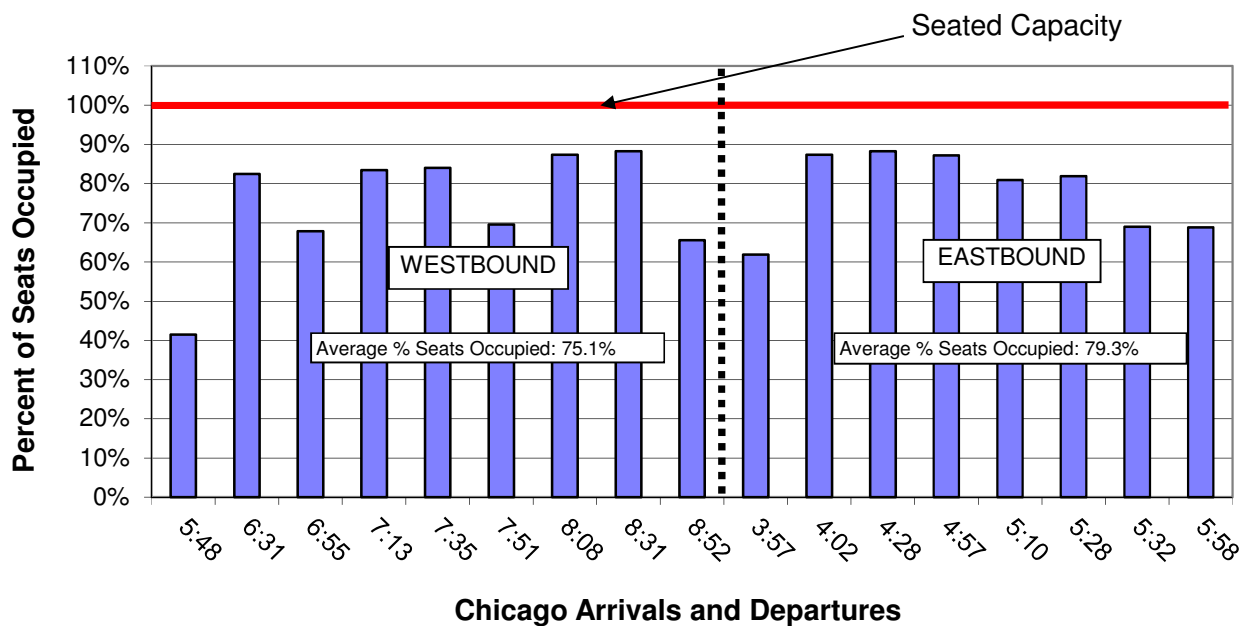
CAR - Car or equipment failure of malfunction  
 CAT - Catenary problems or power outage  
 DBS - Delays due to busing  
 AMT - Amtrak delay  
 DMW - M of W work - holding for defect repair or M of W forces to clear  
 DSR - Speed restriction - all speed restrictions not listed in timetable  
 DSS - 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: FEB. 2017



## PERCENT OF RUSH HOUR SEATS OCCUPIED: FEB. 2017



**RUSH HOUR\* TRAIN DELAYS - FEBRUARY 2017 (minutes late)**

Train	Arrive	Wed	Thurs	Fri	Mon	Tues	Wed	Thurs	Fri	Mon	Tues	Wed	Thurs	Fri	Mon	Tues	Wed	Thurs	Fri	Mon	Tues	Days Late	Days Ran	% On Time
		1	2	3	6	7	8	9	10	13	14	15	16	17	20	21	22	23	24	27	28			
102	5:48a		33																			1	20	95.0%
104	6:31		11																			1	20	95.0%
6	6:55		18																			1	20	95.0%
106	7:13		22																			1	20	95.0%
108	7:35		12																			1	20	95.0%
110	7:51		13			13																2	20	90.0%
112	8:08		10																			1	20	95.0%
114	8:31		12					28	13													3	20	85.0%
214	8:52		12					13														2	20	90.0%
14	10:28		8																			1	20	95.0%
Train	Depart																					Days Late	Days Ran	% On Time
11	3:57																	15				1	20	95.0%
111	4:02		7																			1	20	95.0%
113	4:28		27			8																2	20	90.0%
115	4:57		10																			1	20	95.0%
15	5:10																						20	100.0%
117	5:32		16			13																2	20	90.0%
217	5:28																						20	100.0%
119	5:58																						20	100.0%
19	7:10		9			9	10															3	20	85.0%
High temp		36	27	25	54	57	36	24	39	44	50	35	36	64	64	62	62	59	63	51	59			
Low temp		27	15	15	19	36	24	14	14	23	30	24	24	28	34	46	41	41	35	27	43			

\* 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**

	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%			#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!
EB Rush	21	161	87.0%	7	160	95.6%			#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!
Total Rush	32	341	90.6%	20	340	94.1%	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!
	July			Aug			Sept			Oct			Nov			Dec		
WB Rush			#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!
EB Rush			#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!
Total Rush	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!	0	0	#DIV/0!

**EXPLANATION OF DELAYS AFFECTING MULTIPLE TRAINS:**

Feb 2: Broken rail Tamarack delayed morning rush hour.



Cumulative				
Arrive	Train #	Days Late	Days Ran	% On Time
5:48a	102	2	41	95.1%
6:31	104	3	40	92.5%
6:55	6	1	39	97.4%
7:13	106	1	40	97.5%
7:35	108	1	40	97.5%
7:51	110	4	40	90.0%
8:08	112	3	40	92.5%
8:31	114	6	40	85.0%
8:52	214	3	40	92.5%
10:28	14	2	40	95.0%
<b>Depart</b>				
3:57p	11	2	40	95.0%
4:02	111	2	40	95.0%
4:28	113	5	40	87.5%
4:57	115	4	40	90.0%
5:10	15	4	41	90.2%
5:28	117	6	40	85.0%
5:32	217	2	40	95.0%
5:58	119	3	40	92.5%
7:10	19	9	41	78.0%

Year-to-date cumulative			
	#Late	#Ran	%On time
WB Rush	24	360	93.3%
EB Rush	28	321	91.3%
Total Rush	52	681	92.4%

CUMULATIVE RUSH HOUR thru FEBRUARY						
Range	TOTAL			PERCENTAGE		
	am	pm	total	am	pm	total
6-10	7	7	14	1.9%	2.2%	2.1%
11-15	12	6	18	3.3%	1.9%	2.6%
16-20	1	4	5	0.3%	1.2%	0.7%
21-30	3	1	4	0.8%	0.3%	0.6%
31-59	1	0	1	0.3%	0.0%	0.1%
60+	0	10	10	0.0%	3.1%	1.5%
Annulled	9	7	16			
Total Late	24	28	52	6.7%	8.7%	7.6%
On time	336	293	629	93.3%	91.3%	92.4%
Total ran	360	321	681			

Total Late and Total Ran exclude annulled trains

GRAND TOTAL ALL TRAINS thru FEBRUARY						
Range	Peak				Total	%
	WB	EB	Off	Wkend		
6-10	7	7	79	21	114	5.4%
11-15	12	6	16	18	52	2.5%
16-20	1	4	2	4	11	0.5%
21-30	3	1	9	5	18	0.9%
31-59	1	0	10	0	11	0.5%
60+	0	10	5	0	15	0.7%
Annulled	9	7	18	0	34	
Total	24	28	121	48	221	10.5%
On Time	336	292	927	330	1,885	89.5%
Total ran	360	320	1,048	378	2,106	

Total Late and Total Ran exclude annulled trains

FEBRUARY RUSH HOUR						
Range	TOTAL			PERCENTAGE		
	am	pm	total	am	pm	total
6-10	1	3	4	0.6%	1.9%	1.2%
11-15	8	2	10	4.4%	1.3%	2.9%
16-20	1	1	2	0.6%	0.6%	0.6%
21-30	2	1	3	1.1%	0.6%	0.9%
31-59	1	0	1	0.6%	0.0%	0.3%
60+	0	0	0	0.0%	0.0%	0.0%
Annulled	0	0	0			
Total Late	13	7	20	7.2%	4.4%	5.9%
On time	167	153	320	92.8%	95.6%	94.1%
Total ran	180	160	340			