COMMUTER RAIL SYSTEM

ON-TIME PERFORMANCE REPORT

December 2008



Office of Planning & Analysis

January 2009

COMMUTER RAIL ON-TIME PERFORMANCE December 2008

This report presents an analysis of the December 2008 train delays as reported for Metra's eleven commuter rail lines. On-time is defined, for this analysis, as those trains arriving at their last station stop within five minutes of schedule. Trains that are six minutes or more behind schedule are regarded as late.

Table 1 presents the number of train delays by rail line and service period. During December 2008, Metra operated 17,361 scheduled trains, including 'extras'. 1,495 of these trains were delayed (late or annulled), representing an on-time performance rate of 91.4%. Table 2 lists on-time percentages by line for each month and year since 2003. Table 3 lists each train that was on time for less than 85% of its weekday runs in December 2008, in order of line, train, and dates delayed. The codes in the 'Delay Code' column of Table 3 are defined in Table 4 and shown sorted by delay-cause category in Table 5.

Table 6 provides a daily listing of the number of delays by line and branch for December 2008.

Table 7.a shows the frequency of train delays by delay-cause category and by line during December 2008. Table 7.b shows the average frequencies over the previous five Decembers, and Table 7.c shows the differences between Table 7.a and Table 7.b. There were 1,495 delays systemwide in December 2008, 739 more than the average over the previous five Decembers. Table 8.a shows delays from the beginning of the year through December 2008. Table 8.b shows the average frequencies through December of each of the previous five years., and Table 8.c shows the differences between Table 8.a and Table 8.b. Tables 9.a and 9.b display the systemwide frequency of train delays by cause and by month, for 2008 and 2007 respectively. From January through December of 2008, a total of 9,403 trains were delayed, compared to 8,772 trains delayed in the same twelve months of 2007.

Table 10 shows, by line and month, all train delays caused by freight operations over the past 24 months. In December 2008 freight operations delayed 64 trains systemwide, compared to 89 a year earlier. Tables 11.a and 11.b display the frequency of lift-deployment train delays by line and month, for 2008 and 2007 respectively. A total of 23 trains were delayed by lift deployment in December 2008.

A review of December 2008 late trains by duration of delay is shown in Table 12. The range with the greatest number of delays was, as usual, six-to-ten minutes, accounting for 41.0% of all late trains. Table 13 shows that the average length of delay was 17.9 minutes in December 2008. It should be noted that these averages relate only to reportable delays (i.e., trains late by six minutes or more).

Tables 14 to 18 report year-end statistics. Table 14 presents annual train delays and on-time performance by line. Table 15 displays the frequency of 2008 annual train delays by cause and by line. The top two causes for each line are highlighted. Annual system causes of delay for 2003 to 2008 are shown in Table 16. The annual frequencies of train delays by duration for the Metra system are shown in Table 17, and for each line in Table 18.

P:\ONTIME\report\[ReportText.xls]

				W	eekday	s						Weel	kends			Total			
]	Peak*		Of	f-Peak*	*		Total	P	Sa	nturday	s	Sunday	s & Ho	olidays				
	Trains Scheduled	Trains Late	Percent On-Time		Trains Late	Percent On-Time													
BNSF	1,194	165	86.2%	890	55	93.8%	2,084	220	89.4%	116	5	95.7%	94	7	92.6%	2,294	232	89.9%	
Elec -ML	956	104	89.1%	750	28	96.3%	1,706	132	92.3%	184	0	100.0%	100	4	96.0%	1,990	136	93.2%	
-BI	308	20	93.5%	506	22	95.7%	814	42	94.8%	120	2	98.3%				934	44	95.3%	
-SC	<u>368</u>	<u>15</u>	95.9%	<u>814</u>	<u>24</u>	97.1%	<u>1,182</u>	<u>39</u>	96.7%	<u>192</u>	<u>0</u>	100.0%	<u>99</u>	<u>1</u>	99.0%	<u>1,473</u>	<u>40</u>	97.3%	
Subtotal	1,632	139	91.5%	2,070	74	96.4%	3,702	213	94.2%	496	2	99.6%	199	5	97.5%	4,397	220	95.0%	
Heritage	130	28	78.5%	1	0	100.0%	131	28	78.6%							131	28	78.6%	
Milw -N	545	93	82.9%	772	117	84.8%	1,317	210	84.1%	96	14	85.4%	100	12	88.0%	1,513	236	84.4%	
-W	<u>590</u>	<u>54</u>	90.8%	<u>684</u>	<u>38</u>	94.4%	1,274	<u>92</u>	92.8%	<u>96</u>	<u>12</u>	87.5%	<u>90</u>	<u>8</u>	91.1%	1,460	112	92.3%	
Subtotal	1,135	147	87.0%	1,456	155	89.4%	2,591	302	88.3%	192	26	86.5%	190	20	89.5%	2,973	348	88.3%	
NCS	240	39	83.8%	243	26	89.3%	483	65	86.5%							483	65	86.5%	
RI	782	66	91.6%	704	85	87.9%	1,486	151	89.8%	80	10	87.5%	85	16	81.2%	1,651	177	89.3%	
SWS	241	20	91.7%	418	51	87.8%	659	71	89.2%							659	71	89.2%	
UP -N	652	40	93.9%	878	46	94.8%	1,530	86	94.4%	104	8	92.3%	90	6	93.3%	1,724	100	94.2%	
-NW	716	76	89.4%	702	34	95.2%	1,418	110	92.2%	96	14	85.4%	75	8	89.3%	1,589	132	91.7%	
-W	<u>586</u>	<u>46</u>	92.2%	<u>704</u>	<u>53</u>	92.5%	<u>1,290</u>	<u>99</u>	92.3%	<u>80</u>	<u>7</u>	91.3%	<u>90</u>	<u>16</u>	82.2%	<u>1,460</u>	122	91.6%	
Subtotal	1,954	162	91.7%	2,284	133	94.2%	4,238	295	93.0%	280	29	89.6%	255	30	88.2%	4,773	354	92.6%	
SYSTEM	7,308	766	89.5%	8,066	579	92.8%	15,374	1,345	91.3%	1,164	72	93.8%	823	78	90.5%	17,361	1,495	91.4%	

TABLE 1: SCHEDULED AND DELAYED TRAINS, AND ON-TIME PERFORMANCE BY SERVICE PERIOD AND LINE December 2008

*Includes peak direction trains operating during weekday peak periods. **Includes all other weekday trains.

Delays data for most recent month is final (01/13/09) version from TOPS.

 $\label{eq:lontime} P:\ONTIME\report\Delays\&TrainsByServPeriod.xls]OTPbyServPeriod\&Line 01/13/09$

														JAN-	
LINE	YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DEC	AVG
	2003	96.1	97.0	95.5	94.9	96.1	94.9	95.7	94.9	97.5	95.2	95.9	95.4	95.8%	95.8%
BNSF	2004	90.7	92.8	97.1	97.2	98.5	98.2	94.3	98.5	96.2	97.1	95.7	92.8	95.8%	95.8%
	2005	94.3	95.7	96.2	98.1	95.9	95.7	96.8	94.2	94.4	95.0	96.1	93.8	95.5%	95.5%
	2006	96.9	96.4	96.4	97.7	96.2	93.4	97.4	95.0	96.2	93.7	90.2	91.4	95.0%	95.0%
	2007	96.4	86.8	96.3	96.8	98.2	96.0	97.4	94.5	97.8	95.9	96.1	96.6	95.8%	95.8%
	2008	92.9	94.3	97.0	98.2	97.0	94.3	94.8	94.6	92.8	92.8	94.2	89.9	94.4%	94.4%
2003-2007		94.9	93.7	96.3	96.9	97.0	95.6	96.3	95.4	96.4	95.4	94.8	94.0	95.6%	95.6%
	2003	98.1	98.7	99.4	99.2	99.5	98.2	98.2	98.7	98.9	99.0	98.2	99.0	98.8%	98.8%
Electric	2004	97.8	98.8	98.8	99.5	98.9	98.0	99.0	98.7	98.2	98.6	98.9	98.8	98.7%	98.7%
Littline	2005	98.5	99.3	99.6	99.3	98.8	96.5	98.6	99.5	99.2	98.7	97.2	98.7	98.7%	98.7%
	2006	99.3	98.6	98.1	99.1	98.9	98.1	95.4	97.9	98.0	97.4	98.7	99.0	98.2%	98.2%
	2007	99.2	96.4	97.7	98.0	97.1	97.8	96.6	97.0	95.6	97.4	98.6	98.3	97.5%	97.5%
	2008	96.4	98.5	98.8	98.3	99.3	98.5	99.2	98.1	97.9	98.2	96.7	95.0	97.9%	97.9%
2003-2007		98.6	98.4	98.7	99.0	98.6	97.7	97.6	98.3	98.0	98.2	98.3	98.8	98.4%	98.4%
	2003	94.7	90.8	89.7	93.9	96.0	96.0	84.1	96.0	97.6	97.8	95.8	97.0	94.1%	94.1%
Heritage	2003 2004	95.2	96.7	94.9	95.9 95.5	90.0 90.0	84.8	91.3	90.0 91.7	97.0 93.7	97.8	95.8 97.6	98.6	93.5%	93.5%
nentage	2004	95.2 95.2	95.0	96.4	95.2	95.2	95.5	93.3	92.8	90.5	88.9	92.1	87.5	93.1%	93.1%
	2005	94.4	94.2	92.8	92.5	95.5	92.4	91.7	90.6	90.0	92.4	92.9	95.0	92.9%	92.9%
	2000	98.5	80.0	90.2	89.1	87.1	92.1	90.1	89.1	97.4	92.8	96.8	90.8	91.1%	91.1%
	2008	93.9	89.7	83.3	87.2	89.7	92.9	91.7	86.5	88.2	89.1	93.0	78.6	88.6%	88.6%
2003-2007		95.6	91.3	92.9	93.3	92.8	92.1	90.0	92.0	93.8	92.9	95.0	93.9	93.0%	93.0%
		045	04.6	07.4	06.0	06.6	06.0	94.0	95.0	98.2	98.0	04.0	05.5		06.10/
N/:1 NI	2003	94.5	94.6	97.4	96.9 07.2	96.6	96.8					94.9	95.5	96.1%	96.1%
Milw - N	2004 2005	95.0	94.8 98.4	98.1 97.5	97.3 05.4	91.5 05.7	94.2 94.3	96.5 92.4	96.9 95.8	95.7 05.6	95.3	94.8	94.6 88.3	95.4%	95.4% 94.4%
	2005	90.4 92.7	98.4 97.3	97.5 95.6	95.4 97.1	95.7 93.9	94.5 93.5	92.4 90.6	95.8 95.4	95.6 94.2	97.7 92.8	91.3 89.3		94.4% 93.7%	94.4% 93.7%
	2000	92.7 96.0	89.5	95.0 95.6	97.1 94.0	93.9 96.0	93.3 93.0	90.0 92.0	95.4 95.0	94.2 94.1	92.8 95.2	93.7	92.6 88.1	93.7% 93.6%	93.7% 93.6%
	2007	96.1	92.6	95.0 96.4	94.0 95.8	90.0 95.6	95.0 95.0	92.0 93.3	93.0 93.1	95.8	96.9	92.9	84.4	93.0% 94.0%	93.0% 94.0%
2003-2007		93.7	94.9	96.8	96.1	94.7	94.3	93.1	95.6	95.6	95.8	92.8	91.9	94.6%	94.6%
2000 2007	0														
	2003	97.2	95.4	97.9	97.7	98.1	96.6	96.8	96.7	95.8	97.5	98.0	95.0	96.9%	96.9%
Milw - W	2004	97.3	93.5	96.7	92.0	93.2	93.8	94.7	97.3	96.6	95.8	94.6	96.2	95.2%	95.2%
	2005	91.1	97.0	96.1	96.6	97.7	95.5	96.2	93.8	96.0	96.2	93.0	89.1	94.8%	94.8%
	2006	91.9	97.7	96.0	97.3	97.4	97.2	93.4	95.2	97.4	96.9	98.2	94.1	96.0%	96.0%
	2007	98.8	90.1	97.8	95.5	96.7	95.7	93.8	93.7	96.8	98.3	98.0	93.5	95.8%	95.8%
2002 2007	2008	94.5	96.6	97.1	97.4	97.8	97.8	96.1	94.1	98.3	97.9	96.6	92.3	96.4%	
2003-2007	average	95.3	94.7	96.9	95.8	96.6	95.8	95.0	95.3	96.5	96.9	96.3	93.6	95.7%	95.7%
	2003	92.3	87.5	89.5	86.8	93.8	91.4	88.7	92.4	87.6	91.3	92.0	95.9	90.8%	90.8%
NCS	2004	96.2	89.0	94.8	85.0	91.5	83.6	85.7	91.8	93.8	92.4	90.5	92.6	90.6%	90.6%
	2005	88.6	97.0	89.6	90.0	98.1	85.5	89.5	90.0	89.0	93.3	88.2	84.9	90.2%	90.2%
	2006	92.6	98.0	93.5	93.8	96.1	96.8	95.3	96.3	95.6	91.7	91.1	93.4	94.5%	94.5%
	2007	95.9	91.2	94.0	92.9	93.8	94.4	95.9	94.3	94.7	96.2	97.2	94.4	94.6%	94.6%
	2008	93.4	94.4	97.4	95.1	95.0	91.3	96.5	97.4	94.4	98.0	95.9	86.5	94.6%	94.6%
2003-2007	average	93.7	93.1	92.8	90.7	94.8	91.9	92.4	93.7	93.0	93.4	92.6	92.8	92.9%	92.9%

 TABLE 2: ON-TIME PERFORMANCE BY LINE/BRANCH

														JAN-	
LINE	YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	DEC	AVG
-			00.1												
DI	2003	98.6	99.1	97.3	97.3	98.8	96.3	97.2	98.5	98.5 07.2	91.8	98.3	98.1	97.4%	97.4%
RI	2004	96.0	98.5	97.6	98.4	99.0	97.9	97.7	98.6	97.3	98.0	96.8	95.8	97.6%	97.6%
	2005	96.6	98.6	97.9	98.0 07.5	96.3	93.7	94.2	97.4 07.1	93.8	86.5	91.8	91.6	94.7%	94.7%
	2006	95.9	97.1	96.8	97.5	96.3	96.7	94.4	97.1	96.8	95.7	97.4	94.2	96.3%	96.3%
	2007	96.0	84.0	96.4	98.4	96.1	93.9	92.0	94.3	95.8	97.1	95.2	90.9	94.2%	94.2%
2002 2007 -	2008	95.5	95.6	94.5	98.8	97.6	96.4	96.5	96.9	95.8	92.3	96.3	89.3	95.4%	95.4%
2003-2007 a	iverage	96.6	95.5	97.2	97.9	97.3	95.7	95.1	97.1	96.4	93.8	95.9	94.2	96.1%	96.1%
	2003	94.6	96.9	94.0	93.8	98.2	96.7	96.3	92.9	96.4	95.1	96.6	96.0	95.6%	95.6%
SWS	2004	95.8	97.8	95.7	98.0	93.4	92.9	96.1	95.2	94.9	95.2	96.1	96.7	95.7%	95.7%
	2005	94.0	92.5	97.0	96.7	94.7	96.0	94.4	96.7	96.1	95.5	93.2	90.5	94.8%	94.8%
	2006	92.3	93.3	97.0	96.2	94.1	96.4	93.0	89.7	85.2	90.8	95.7	93.0	93.1%	93.1%
	2007	98.6	95.3	97.0	97.8	97.0	96.2	96.9	95.8	97.4	95.1	95.7	95.2	96.5%	96.5%
	2008	93.5	96.3	95.1	94.4	95.4	95.7	98.3	93.5	95.3	92.2	93.7	89.2	94.4%	94.4%
2003-2007 a	verage	95.6	95.0	96.4	96.6	95.5	95.8	95.3	93.7	93.3	94.0	95.5	94.3	95.1%	95.1%
	2003	99.0	99.2	98.5	98.0	99.1	97.2	94.9	95.3	97.6	97.9	99.0	99.0	97.9%	97.9%
UP - N	2003	98.6	99.1	99.4	99.5	98.5	98.2	98.6	96.7	98.4	95.9	96.8	96.6	98.0%	98.0%
01 - 11	2004	94.0	99.6	99.0	99.5	98.8	96.6	96.3	93.7	97.6	96.7	98.4	99.0	97.4%	97.4%
	2005	98.5	98.1	98.8	97.0	99.5	98.3	95.6	95.8	97.8	98.7	96.7	96.6	97.6%	97.6%
	2000	98.0	92.8	97.9	98.5	97.4	93.9	93.5	89.8	96.8	97.6	96.8	92.6	95.4%	95.4%
	2007	91.9	89.4	95.1	95.5	97.1	90.9	92.2	89.9	93.5	95.6	95.2	94.2	93.4%	93.4%
2003-2007 a		97.6	97.8	98.7	98.5	98.6	96.8	95.7	94.1	97.6	97.4	97.5	96.7	97.2%	97.2%
2003 2007 0													20.7		
	2003	98.9	97.8	98.5	98.0	98.4	96.7	98.1	97.1	97.7	96.8	98.2	96.6	97.7%	97.7%
UP - NW	2004	97.6	98.8	98.9	98.6	97.9	98.2	98.3	98.5	97.3	95.5	97.1	96.2	97.7%	97.7%
	2005	93.6	98.0	97.1	98.4	98.8	96.2	98.6	94.8	98.6	98.4	94.9	96.0	96.9%	96.9%
	2006	97.9	98.6	98.5	98.0	99.1	98.4	98.0	96.3	97.3	96.5	96.6	96.9	97.7%	97.7%
	2007	95.8	91.8	97.1	97.7	98.0	97.2	96.5	93.2	95.7	98.0	95.2	95.2	96.0%	96.0%
	2008	91.9	91.8	97.1	96.5	96.8	95.5	95.1	97.1	96.9	96.9	94.5	91.7	95.2%	95.2%
2003-2007 a	verage	96.7	97.0	98.0	98.1	98.5	97.4	97.9	95.9	97.3	97.1	96.4	96.2	97.2%	97.2%
	2003	95.4	96.7	92.8	96.5	95.5	93.9	93.0	92.3	94.3	95.8	97.0	97.4	95.0%	95.0%
UP - W	2004	95.5	97.4	96.2	97.7	98.5	96.0	95.7	95.8	94.2	93.0	91.9	91.1	95.2%	95.2%
	2005	91.7	97.0	96.8	98.1	94.1	92.7	95.3	92.2	96.4	94.9	95.0	92.7	94.7%	94.7%
	2006	91.7	93.7	96.0	94.2	94.2	95.6	96.1	94.8	95.1	96.0	94.9	93.8	94.7%	94.7%
	2007	95.9	91.5	93.6	96.5	94.7	93.7	95.6	90.7	93.2	96.6	95.5	91.0	94.1%	94.1%
	2008	95.2	90.4	93.7	94.5	96.9	95.4	95.3	94.5	93.0	91.0	93.0	91.6	93.7%	
2003-2007 a	verage	94.0	95.2	95.1	96.6	95.4	94.4	95.1	93.1	94.6	95.3	94.8	93.2	94.7%	94.7%
	2002	07.2	07.4	07.2	07.2	09.0	065	06.2	06.4	07.5	06.0	07.4	07.2	07 10/	07.10/
SYSTEM	2003 2004	97.2 96.1	97.4 96.9	97.3 97.9	97.3 97.7	98.0 97.3	96.5 96.8	96.2 96.9	96.4 97.7	97.5 96.9	96.8 96.6	97.4 96.4	97.3 95.8	97.1% 96.9%	97.1% 96.9%
	2004 2005								97.7 95.9						
(excluding South Shore)	2005	94.6 96.2	97.9 07.2	97.7 97.1	98.0 97.4	97.3 97.1	95.3 96 5	96.4 05.2	95.9 96.0	96.7 96.3	95.9 95.7	95.1 95.5	94.4 05.3	96.3% 96.3%	96.3%
South Shore)			97.2	97.1 96.6	97.4	97.1 06.7	96.5 05.6	95.2 95.2	96.0 94.2	96.3 05.8		95.5 06.5	95.3 04.4	96.3% 05.7%	96.3%
	2007 2008	97.4 04.5	91.4 04.5	96.6 06.6	97.0 07.0	96.7 97.4	95.6 05.7	95.2 96.0	94.2 95.3	95.8 95.7	96.9 95.5	96.5 05.2	94.4 01.4	95.7% 05.4%	95.7% 05.4%
2003-2007 a		94.5 96.3	94.5 96.1	96.6 97.3	97.0 97.5	97.4	95.7 96.1	96.0	95.5	95.7	95.5	95.2 96.2	91.4 95.4	95.4% 96.4%	95.4% 96.4%
	0			97.3 /13/09) ver			20.1	20.0		90.0	90.4	90.2	7.74	70.470	20.4%

 TABLE 2 (continued): ON-TIME PERFORMANCE BY LINE/BRANCH

Delays data for most recent month is final (01/13/09) version from TOPS.

 $P:\ONTIME\report\[Delays\&TrainsByServPeriod.xls]OTPbyLine\&Month 1/13/2009$

'2003-2007 average' calculated summing the delays over the five years, summing the trains run over the five years, and calculating their ratio.

		Minutes	Delay	
Line Train	Date	Late	Code	Delay Explanation
BNSF 1225	Fri, Dec 05	25	G	SWITCH FAILURE AT HIGHLANDS
77% OT	Wed, Dec 17	9	AM	WRONG TRACK CUS - HAD TO MOVE PSGRS - DEP CUS 10 LATE
	Fri, Dec 19	26	CH	DEPARTED CUS 30 LATE - SNOWPLOW INCIDENT AT BROOKFIELD
	Mon, Dec 22	30	GW	LATE FLIP - RAN 9400 AS 1262 TO DOWNERS, THEN THIS RUN WILL PICK UP NORMAL
				1262
	Fri, Dec 26	18	IW	LATE FLIP OFF 1226 AND WEATHER RELATED LDG
BNSF 1226	Wed, Dec 17	9	AM	1228 AHEAD - THEN CUS TRAFFIC INTO WRONG TRACK
82% OT	Fri, Dec 19	12	CH	BROOKFIELD SNOWPLOW INCIDENT
	Mon, Dec 22	30	GW	TOOK 1224 TRIP - FLIPPED FOR THE DAY
	Fri, Dec 26	13	IW	WEATHER
BNSF 1228	Fri, Dec 05	9	DD	NO SIGNAL AT LAVERGNE
82% OT	Fri, Dec 19	15	CH	BROOKFIELD SNOWPLOW INCIDENT
	Mon, Dec 22	20	GW	WEATHER - MULTIPLE PLANT ISSUES
	Fri, Dec 26	11	IW	WEATHER
BNSF 1232	Mon, Dec 01	9	DD	MISROUTE WITH 1234 AT CPK (6") 3" WEATHER RELATED LDG
82% OT	Fri, Dec 19	12	СН	BROOKFIELD SNOWPLOW INCIDENT
02/001	Mon, Dec 22	18	GW	1209 CREW AND EQ
	Fri, Dec 26	11	IW	WEATHER
BNSF 1240		43	G	SWITCH FAILURE AT LISLE AND HIGHLANDS
82% OT	Fri, Dec 19	23	СН	BROOKFIELD SNOWPLOW INCIDENT
02/001	Mon, Dec 22	18	GW	WEATHER - MULTIPLE PLANT ISSUES
	Fri, Dec 26	0	RW	NO ENGINEER FOR ASSIGNMENT
BNSF 1242	Tue, Dec 02	8	RU	LATE CREW, REPLACEMENT ENGINEER, ORIGINAL ENGINEER PUT ON 1228. DEPARTED
DIN51 1242	Tue, Dec 02	0	KL	ATC 10ML
68% OT	Fri, Dec 05	38	G	SWITCH FAILURE AT LISLE AND HIGHLANDS
007001	Wed, Dec 10	10	I	DOOR ISSUES AT AURORA, MECHANICAL WORKED ON DOORS AT YARD
	Wed, Dec 10	10	1	DOOR ISSUES AT AUKOKA, MEEHAWCAL WORKED ON DOORS AT TAKD
	Wed, Dec 17	12	GW	N2 TRACK CIRCUIT CUS
	Fri, Dec 19	25	CH	BROOKFIELD SNOWPLOW INCIDENT
	Mon, Dec 22	15	GW	WEATHER - MULTIPLE PLANT ISSUES
	Fri, Dec 26	15 19	IW	WEATHER
BNSF 1246	Fri, Dec 05	19	G	SWITCH FAILURE AT LISLE AND HIGHLANDS
77% OT	Wed, Dec 17	14 7	GW	N2 TRACK CIRCUIT CUS
777001	Fri, Dec 17	42	CH	BROOKFIELD SNOWPLOW INCIDENT
	Mon, Dec 22	42 26	GW	WEATHER - MULTIPLE PLANT ISSUES
				WEATHER - MULTIPLE PLANT ISSUES WEATHER AND SWAPPED ENGINEER TO MAKE THE RUN FROM A LATER JOB
	Fri, Dec 26	22	1 **	WEATHER AND SWAFFED ENGINEER TO MAKE THE KUN FROM A LATER JOB
BNSF 1250	Mon, Dec 01	8	DD	4" WEATHER RELATED LDG. 4" CPK, WAITING FOR LINEUP
				4" WEATHER RELATED LDG. 4" CPK, WAITING FOR LINEUP SWITCH FAILURE AT LISLE AND HIGHLANDS
82% OT	Fri, Dec 05	18	G CH	
	Fri, Dec 19	38	CH	BROOKFIELD SNOWPLOW INCIDENT
DNGE 1057	Mon, Dec 22	30		WEATHER - MULTIPLE PLANT ISSUES
BNSF 1257	Fri, Dec 12	7	G	SWITCH FAILURE AT HIGHLANDS AND MOW AT WEST HINSDALE
77% OT	Mon, Dec 15	33	CW	TRK INDICATION ON MT 2 AT CPK, HAD TO TAKE SWITCHES ON HAND. BROKEN RAIL
		-		
	Tue, Dec 16	7	H1	MEET 1272 AT LAVERGNE
	Mon, Dec 22	8	DW	Z-CHCSSE9-22 OPERATED AHEAD AT CICERO
	Tue, Dec 23	25	J	MEDICAL EMERGENCY AT CUS

Line Train	Date	Minutes Late	•	Delay Explanation
BNSF 1258		9	IW	WEATHER RELATED LDG AND DOOR PROCEDURES
77% OT	Fri. Dec 05	21	G	SWITCH FAILURE AT LISLE AND HIGHLANDS
	Thu, Dec 11	8	AM	FOLLOWED AMTRAK TRAIN 29 FROM UNION AVE TO CUS AND PSGR LDG
	Wed, Dec 17	8	GW	N2 TRACK CIRCUIT CUS
	Fri, Dec 19	55	CH	BROOKFIELD SNOWPLOW INCIDENT - MEDICAL EMERGENCY
BNSF 1265		9	V	LOST HEP ON THE MAIN IN FRONT OF COACH YARD METX 404
77% OT	Fri, Dec 12	14	G	SWITCH FAILURE AT HIGHLANDS
	Mon, Dec 15	41	CW	TRK INDICATION ON MT 2 AT CPK, HAD TO TAKE SWITCHES ON HAND. BROKEN RAIL
	Mon, Dec 22	13	GW	LATE EQ FROM 14TH STREET ACCT FROZEN LOCK
	Tue, Dec 23	12	Р	LATE FROM 14TH ST
BNSF 1269	Mon, Dec 15	56	CW	TRK INDICATION ON MT 2 AT CPK, HAD TO TAKE SWITCHES ON HAND. BROKEN RAIL
82% OT	Mon, Dec 22	11	GW	FOLLOWED 1265 FROM YARD
	Mon, Dec 29	10	Е	STOPPED AT UNION AVE, ENGINE NOT LOADING PROPERLY, CUT OUT #4 TRACTION MOTOR
	Tue, Dec 30	10	Е	MECHANICAL PROBLEMS ON ENGINE 214, PCS LIGHT ON, INOPERATIVE SPEEDOMETER
BNSF 1271	Fri, Dec 12	14	G	SWITCH FAILURE AT HIGHLANDS
73% OT	Mon, Dec 15	52	CW	TRK INDICATION ON MT 2 AT CPK, HAD TO TAKE SWITCHES ON HAND. BROKEN RAIL
	Mon, Dec 22	12	GW	FOLLOWED 1269
	Tue, Dec 23	30	Р	LATE EQ
	Mon, Dec 29	9	E1	FOLLOWED 1269 AT UNION AVE
	Tue, Dec 30	8	E1	BEHIND 1269
BNSF 1273	Mon, Dec 08	10	G	FOLLOWING 1275 AND STOPPED AT EOLA WAITING FOR 1283 TO GO INTO YARD
73% OT	Fri, Dec 12	9	G	SWITCH FAILURE AT HIGHLANDS
	Mon, Dec 15	49	CW	TRK INDICATION ON MT 2 AT CPK, HAD TO TAKE SWITCHES ON HAND. BROKEN RAIL
	Tue, Dec 16	22	H1	LATE FLIP OFF 1274
	Tue, Dec 23	16	I1	CAUGHT UP TO LATE TRAFFIC
	Mon, Dec 29	17	E1	FOLLOWED 1275 CPK TO FVW
BNSF 1275	Fri, Dec 12	8	G	SWITCH FAILURE AT HIGHLANDS
73% OT	Mon, Dec 15	47	CW	TRK INDICATION ON MT 2 AT CPK, HAD TO TAKE SWITCHES ON HAND. BROKEN RAIL
	Tue, Dec 16	19	H1	LATE FLIP OFF 1276, AND WEATHER RELATED UNLDG
	Wed, Dec 17	0	H1	AIR PROBLEMS WITH CLOSED ANGLE COCK, AFTER LEAVING ATC STOPPED AGAIN FOR BLOW DOWN VALVE OPEN
	Mon, Dec 29	17	E1	DEPARTED CUS 1752, LATE FLIP OFF 1276
	Tue, Dec 30	9	E1	BEHIND 1273
BNSF 1276	Tue, Dec 16	13	H1	FOLLOWED 1274
82% OT	Wed, Dec 17	0	XH	AIR PROBLEMS ON ENGINE, FROZEN VALVES ON MAIN RESERVOIR
	Mon, Dec 22	0	AM	LATE FLIP OFF 1239
	Mon, Dec 29	19	E1	LATE FLIP OFF 1239

Line Train		Minutes Late	•	Delay Explanation
Line Train BNSF 1277	Fri, Dec 12	11	G	SWITCH FAILURE AT HIGHLANDS AND MOW AT WEST HINSDALE
82% OT	Mon, Dec 15	58	CW	TRK INDICATION ON MT 2 AT CPK, HAD TO TAKE SWITCHES ON HAND. BROKEN RAIL
0270 01	Moll, Dec 15	30	CW	TRE INDICATION ON MT 2 AT CFR, HAD TO TAKE SWITCHES ON HAND. BROKEN RAIL
	Tue, Dec 23	8	J1	MEDICAL EMERGENCY 1257
	Tue, Dec 30	8	E1	6" FOLLOWED 1275 AND 3 MIN FOR 1292 WORKING AT RT59 OFF MT 2
BNSF 1279	Mon, Dec 15	85	CW	TRK INDICATION ON MT 2 AT CPK, HAD TO TAKE SWITCHES ON HAND. BROKEN RAIL
82% OT	Tue, Dec 16	9	H1	LATE FLIP OFF 1278
02/0 01	Tue, Dec 10 Tue, Dec 23	19	II II	DEPARTED CUS 4 ML, CAUGHT UP TO TRAINS 1267, 1277, 1271
	Tue, Dec 20 Tue, Dec 30	13	E1	FOLLOWED 1277
BNSF 1280	Tue, Dec 16	9	H1	FOLLOWED 1278
82% OT	Mon, Dec 22	18	GW	WEATHER - MULTIPLE PLANT ISSUES
02/001	Tue, Dec 23	10	IW	WEATHER RELATED LDG
	Mon, Dec 29	8	E1	FOLLOWED 1276
BNSF 1281	Tue, Dec 02	9	IW	PSGR HANDLING AND WEATHER
68% OT	Tue, Dec 09	10	IW	PSGR HANDLING (WEATHER) AND FOLLOWING 1273
	Mon, Dec 15	32	CW	TRK INDICATION ON MT 2 AT CPK, HAD TO TAKE SWITCHES ON HAND. BROKEN RAIL
	Tue, Dec 16	12	H1	LATE FLIP OFF 1280 AND WEATHER RELATED UNLDG
	Wed, Dec 17	38	Ι	HVY PSGR LDG AND LATE ARRIVAL OF EQ
	Mon, Dec 22	23	GW	LATE FLIP OFF 1280
	Mon, Dec 29	7	E1	LATE FLIP OFF 1280
BNSF 1285	Fri, Dec 12	12	G	LATE FLIP ACCT SWITCH FAILURE AT HIGHLANDS
77% OT	Mon, Dec 15	39	CW	TRK INDICATION ON MT 2 AT CPK, HAD TO TAKE SWITCHES ON HAND. BROKEN RAIL
	Tuo Doo 16	27	TT1	I ATE ELID OFF 1265 1272
	Tue, Dec 16 Mon, Dec 22	37 13	H1 GW	LATE ADDIVAL OF FO AND FOLLOWING 1281
		42		
BNSF 1288	Tue, Dec 23 Mon, Dec 15	42	E1 CW	LATE FLIP OFF 1284 AND MADE 1289 STOPS TRK INDICATION ON MT 2 AT CPK, HAD TO TAKE SWITCHES ON HAND. BROKEN RAIL
DINSF 1200	Moll, Dec 15	11	Cw	TRE INDICATION ON MT 2 AT CPK, HAD TO TAKE SWITCHES ON HAND. BROKEN RAIL
82% OT	Tue, Dec 16	12	H1	FOLLOWED 1284, 1286
	Wed, Dec 17	12	I1	LATE FLIP OFF 1243 AND SPEED RESTRICTIONS AND LDG
	Tue, Dec 23	23	I1	HAD TO WAIT FOR FLIPS AT FVW AVE, 1282, 1284
BNSF 1373	Mon, Dec 08	7	A1	LATE FLIP OFF 1284 X-TRAFFIC @ CUS
55% OT	Tue, Dec 09	8	IW	LATE FLIP, DH TRAIN 1284 WAS HELD AT CPK FOR 1286 TO CROSS AHEAD OF HIM
			_	
	Fri, Dec 12	29	G	LATE FLIP ACCT SWITCH FAILURE AT HIGHLANDS, 31 ML LEAVING CUS
	Mon, Dec 15	50	CW	TRK INDICATION ON MT 2 AT CPK, HAD TO TAKE SWITCHES ON HAND. BROKEN RAIL
	Tue, Dec 16	14	H1	LATE FLIP OFF 1284
	Wed, Dec 17	18	H1	LATE 11 DEPARTING CUS AND STOPPED AT LAVERGNE FOR 3 MIN
	Thu, Dec 18	38	Т	TRAIN PARTED AT STONE AVE; BETWEEN ENGINE AND TRAIN
	Tue, Dec 23	25	I1	LATE FLIP 1284 - 1255
	Fri, Dec 26	7	G	PROTECTED LAGRANGE RD CROSSING
	Mon, Dec 29	11	E1	LATE FLIP OFF 1284

Line	Train]		Minutes Late	•	Delay Explanation
HC	0914	Mon, Dec 01	22	G	28" FLAGGING/HAND-LINING SWITCHES, JUSTICE; 2" ENTRAINING, SUMMIT.
64	% OT	Tue, Dec 02	11	D	20" CP #808 CLEARING CP CANAL/ARGO.
		Wed, Dec 10	16	D	19" CN #12709 TAKING HEADROOM, BRIDGEPORT.
		Mon, Dec 15	37	GW	UNSPECIFIED DELAYS ENROUTE DUE TO EQUIP PROBS. 9" RED SIG, FLAGSTONE; 34" SW PROBS, 47XOVER.
		Wed, Dec 17	7	F	4" HEAVY ENTRAINING, LOCKPORT.12" WHEEL PROBS ON CAB CAR EN- ROUTE REDUCED TO 40 MPH.
		Mon, Dec 22	16	GW	11" HAND-LINING SWITCHES (TRK CIRCUIT), JUSTICE; 5" NO REASON GIVEN.
		Fri, Dec 26	0	RL	ANNULLED. NO CREW.
		Mon, Dec 29	19	D	18" CN #MCNIKCK-28 AND #R93991-28 AHEAD, JUSTICE; 2" WAITING FOR LINE-UP, CP CANAL/ARGO; 7" WAITING FOR LINE-UP, CP BRIGHTON.
HC	0916	Mon, Dec 01	10	G	9" FLAGGING/HAND-LINING SWITCHES, JUSTICE; 1" NO REASON GIVEN.
73	3% OT	Thu, Dec 04	10	G	14" HAND-LINING SWITCHES, CP CERMAK.
		Mon, Dec 15	6	GX	8" GX PROCEDURES ENROUTE; 4" WAITING ON SIGNAL, JOLIET; 4" 10 MPH, MP 37.1 - 36.7.
		Mon, Dec 22	31	GW	3" FLAGGING FLAGSTONE; 25" HAND-LINING SWITCHES (TRK CIRCUIT), JUSTICE; 3" NO REASON GIVEN.
		Tue, Dec 23	0	GW	ANNULLED ACCT FROZEN SW, CP ROCKWELL. RETURNED TO 45XOVER AND PSGRS TRANSFERRED TO #918. EQUIP ARRIVED CUS 0910 HRS.
		Fri, Dec 26	26	RL	17" LATE DEPARTURE, JUD; 9" SIG DROPPED, OHIO ST; 2" GX PRO- CEDURES, MP 27.69; 3" FRT TRN INT, LEMOYNE.
HC	0917	Mon, Dec 15	16	GX	7" FLAGGING RED SIG, CP CANAL; 10" GX PROCEDURES ENROUTE.
73	9% OT	Tue, Dec 16	17	DW	8" BNSF #QSTOCKI-612 CLEARING CORWITH; 7" RESTRICTING, CP CANAL/ARGO.
		Wed, Dec 17	8	G	5" SWITCH FAILURE, CERMACK; 3" RED FLAG, CP BRIGHTON; 2" WAIT ON ROCK ISLAND, JOLIET.
		Mon, Dec 22	16	D	7" #ZALTWSP CLEARING CORWITH; 6" MEETING AMTRAK #22, 47 XOVER; 4" RESTRICTED SPEED, STATEVILLE.
		Tue, Dec 23	17	KW	8" FLAGGING LUMBER ST & CP CERMAK; 11" AUT ON TRKS, LOCKPORT.
		Wed, Dec 24	11	GW	14" SW PROBS, BRIDGEPORT.
HC	0919	Mon, Dec 15	15	GW	10"TALKED BY SIG, LEMOYNE AND CP CANAL/ARGO ; 8"GX PROCEDURES AT MP 19.84 AND 27.9.
82	2% OT	Tue, Dec 16	20	GA	14" SW PROBS, LUMBER ST; 7" RESTRICTING, CP CANAL/ARGO; 5" RE- STRICTING, STATEVILLE.
		Mon, Dec 22	8	RF	7" WAITING FOR LINE-UP, CORWITH; 5" RESTRICTED SPEED, STATE- VILLE.
		Tue, Dec 23	19	DW	8" FLAGGING LUMBER ST AND CP CERMAK; 10" FRT TRN INT, CP CANAL/ARGO.
ELBI	0227	Mon, Dec 01	7	Ι	HEAVY LOADING AT 63RD STREET.
73	3% OT	Tue, Dec 02	7	R	HELD AT MP14.16 115TH STREET.
		Tue, Dec 16	6	KW	WEATHER CONDITIONS.
		Fri, Dec 19	18	GW	NO ENGINEER UNTIL 315PM WEATHER CONDITIONS.
		Tue, Dec 23	8	IW	WEATHER CONDITIONS.
		Wed, Dec 31	6	G	RED AT KENSINGTON

Line	Train	Date	Minutes Late	•	Delay Explanation
ELBI	0504	Wed, Dec 10	6	I1	WAITING ON TRAIN #205 AT KENSINGTON.
	% OT	Tue, Dec 16	8	F1	FOLLOWING #402
		Fri, Dec 19	38	GW	38" WEATHER CONDITIONS, BI.
		Fri, Dec 26	6	IW	ICY PLATFORM
ELMI	. 0105	Fri, Dec 12	24	G	12" RED SIGNAL, 67TH.
82	% OT	Mon, Dec 15	67	OW	11" WAITING FOR LINE-UP, KENSINGTON; 56" WAITING FOR LINE-UP, MATTESON.
		Mon, Dec 22	27	GW	23" WAITING FOR LINE-UP, 67TH ST; 4" WAITING FOR N/B TRN, KENSINGTON.
		Fri, Dec 26	11	IW	11" ENTRAINING/DETRAINING ENROUTE.
ELMI	. 0120	Tue, Dec 02	7	CC	5" MEETING #117, HW (SINGLE TRACKING-MOW); 7" #220 AHEAD.
82	% ОТ	Wed, Dec 10	10	GW	8" MEETING #117, HW (SINGLE TRACKING-MOW); 7" DOING OWN LOCAL WORK NORTH OF KENSINGTON. SOUTHBOUND FLAGGED BY SNOW COVRD SIGNALS
		Fri, Dec 12	10	CC	9" WAITING FOR S/B TO CLEAR, HWD; 6" FOLLOWING #220 MAKING LOCAL STOPS ENROUTE.
		Tue, Dec 30	6	G	SIGNAL PROBLEMS.
ELML	. 0604	Mon, Dec 01	8	Ι	3" LATE ARRIVE OF EQUIP (FLIP OF #007-NO DELAY REPORTED FOR #007); 4" SLOW ENTRAINING ENROUTE; 1" WAITING FOR LINE-UP, RANDOLPH ST.
45	% ОТ	Tue, Dec 02	9	Ι	3" LATE ARRIVE OF #007 (NO DELAY REPORTED FOR #007); 3" EN- TRAINING ENROUTE; 1" RED SIG, 11TH PL; 2" WAITING FOR LINE-UP, RANDOLPH.
		Fri, Dec 05	8	G	5" LATE ARRIVAL OF 007, KENSINGTON; 1" P/O CREW, 18TH ST; 2" RED SIGNAL, RANDOLPH
		Wed, Dec 10	10	G1	7" LATE TURN OF DELAYED #007; 2" #504 X/O AHEAD (AND FOLLOWING SAME FROM) 67TH ST; 1" P/U CREWS, 18TH ST.
		Fri, Dec 12	9	V	2" #504 AHEAD, 67TH51ST; 5" NO PROP/NO MA CAR 1504; 1" PICK UP CREWS, 18TH; 1" RED SIGNAL, 11TH.
		Mon, Dec 15	9	OW	3" #504 CLEARING AHEAD, KENSINGTON; 1" P/U CREW, 18TH ST; 4" WAITING FOR LINE-UP, RANDOLPH.
		Wed, Dec 17	8	А	3" #504 X/O AHEAD, 67TH AND FOLLOWING SAME TO 51ST; 1" P/U CREW, 18TH ST; 2" RED SIG, 11TH PL; 2" RED SIG, RANDOLPH.
		Thu, Dec 18	10	G1	6" LATE TURN OFF #007 SWITCH PROBLEMS AT 67TH, KENS; 2" RED SIG67TH; 1" #504 AHEAD, 6751ST; 1" PICK UP CREWS, 18TH.
		Mon, Dec 22	12	GW	8" LATE TURN OF #007 SWITCH PROBLEMS AT 67THS ST; 2" SLOW EN- TRAINING, KENSINGTON; 2" WAITING FOR LINE-UP, RANDOLPH.
		Tue, Dec 23	7	RW	2" "LATE ARRIVAL OF #007" (NO DELAY REPORTE FOR #007); 4" #504 CLEARING AHEAD, 67TH; 1" WAITING FOR LINE-UP, RANDOLPH ST.
		Fri, Dec 26	24	GW	20" "LATE ARRIVAL OF #007" (NO DELAY REPORTED FOR #007); 4" ENTRAINING ENROUTE.
		Tue, Dec 30	15	C1	9" CONGESTION (DUE TO BROKEN RAIL ON MT1 MP 16.95), KENSINGTON;5" WAITING FOR LINE-UP, 67TH, 11TH PL AND RANDOLPH; 1" EMPLOYEE P/U, 18TH.

IF

		Minutes	Delay	
Line Train	Date	Late	•	Delay Explanation
	Fri, Dec 26	17	IW	17" ENTRAINING/DETRAINING ENROUTE.
ELML 0706	Fri, Dec 05	9	F	6" WAITING 758 W/ MECH. PROBLEMS , RICHTON; 3" WAITING TO GET IN DEPOT, RAND.
73% OT	Mon, Dec 15	59	OW	WATIING AT UNIVERSITY PARK RED SIGNAL WIRE PROBLEMS AT RICHTON YARD INTERLOCKER.
	Mon, Dec 22	25	GW	25" SW/SIG PROBS ENROUTE.
	Wed, Dec 24	9	G1	FOLLOWING OTHER TRAINS FROM 115TH - MATTESON SWITCH PROBLEM AT MATTESON INTERLOCKING.
	Fri, Dec 26	16	IW	16" ENTRAINING/DETRAINING ENROUTE.
	Wed, Dec 31	6	R	NO EXPLANATION.
ELML 0708	Mon, Dec 15	49	OW	49" WIRE PROBS, RICHTON YARD.
82% OT	Mon, Dec 22	18	GW	14" #760 AHEAD FROM HAZEL CREST; 4" CONGESTION, RANDOLPH.
	Fri, Dec 26	13	IW	8" MEETING DELAYED #105, UNIVERSITY PK; 5" TRN(S) AHEAD.
	Tue, Dec 30	9	С	9" #760 AHEAD FROM HAZEL CREST (SINGLE TRACKING-BROKEN RAIL ON MT1 MP
				16.95).
ELML 0709	Tue, Dec 02	6	AS	6" CSS #215 AHEAD, 51ST-KENSINGTON.
82% OT	Tue, Dec 09	13	IW	RIDERSHIP PASS HANDLING
	Mon, Dec 15	7	G	7" FOLLOWING #603W FROM KENSINGTON.
	Tue, Dec 23	10	AW	10" DISABLED CSS #215 AHEAD, KENSINGTON.
ELML 0712	Mon, Dec 01	6	Ι	6" ENTRAINING/ DETRAINING ENROUTE.
82% OT	Fri, Dec 12	9	G1	9" LATE TURN OFF #105, UP.
	Mon, Dec 15	34	OW	34" WIRE PROBS, RICHTON YARD.
	Mon, Dec 22	12	RW	12" "LATE ARRIVAL OF EQUIP" 105 FLIPS AS 712
ELML 0736		42	OW	42" WIRE PROBS, RICHTON YARD.
82% OT	Fri, Dec 19	0	XO	ICE STORM
	Mon, Dec 22	17	GW	17" SW/SIG PROBS ENROUTE.
	Fri, Dec 26	10	IW	DUE TO WEATHER CONDITIONS.
ELML 0739	Tue, Dec 02	6	AS	8" DELAYED #709 AHEAD, 51ST-KENSINGTON.
82% OT	Mon, Dec 15	6	PW	1" NO REASON GIVEN, RANDOLPH; 5" DELAYED #709 AHEAD FROM KENSINGTON.
	Mon, Dec 22	6	PW	NO EQUIPMENT OUT OF THE YARD.
	Tue, Dec 23	11	AW	11" DISABLED #215 AHEAD, KENSINGTON.
ELML 0752	Tue, Dec 02	9	AS	9" CSS INSPECTING EQUIP AHEAD, KENSINGTON.
77% OT	Mon, Dec 15	16	OW	16" WIRE PROBS, RICHTON YARD.
	Mon, Dec 22	20	GW	20" WAITING FOR DELAYED #106 TO CLEAR, RICHTON AND FOLLOWING SAME TO HARVEY.
	Fri, Dec 26	16	IW	LATE DUE TO LOAD AND UNLOAD ON ICE COVERED PLATFORMS.
	Tue, Dec 30	7	С	7" SINGLE TRACKING, HW-KENSINGTON (BROKEN RAIL MT1 MP 16.95).
ELML 0754	Fri, Dec 12	7	F	HAVING BRAKE PROBLEMS AT 59TH.
82% OT	Mon, Dec 15	24	OW	24" WIRE PROBS, RICHTON YARD.
	Fri, Dec 19	0	XO	ICE STORM
	Fri, Dec 26	7	GW	PROBLEMS WITH RICHTON YARD.
ELML 0756	Thu, Dec 04	7	AS	FOLLOWING SOUTH SHORE TRAIN IN.
82% OT	Mon, Dec 15	40	OW	40" WIRE PROBS, RICHTON YARD.
	Mon, Dec 22	18	GW	18" SIG PROBS, HW-51ST.
	Fri, Dec 26	20	GW	10" WAITING FOR LINE-UP, 67TH ST AND TRN(S) AHEAD TO RANDOLPH.

IF

		Minutes	Delay	
Line Train		Late	•	Delay Explanation
	Mon, Dec 15	40	OW	40" WIRE PROBS, RICHTON YARD.
82% OT	Fri, Dec 19	0	XO	ICE STORM
	Mon, Dec 22	24	GW	DUE TO SIGNAL PROBLEMS.
	Fri, Dec 26	12	GW	12" CONGESTION, RANDOLPH ST.
MN 2101	Wed, Dec 10	10	J	12" SICK PSGR, HEALY.
82% OT	Mon, Dec 15	9	AM	12" DISABLED AMTRAK #329 AHEAD, TOWER A4.
	Thu, Dec 18	7	Ι	7" SLOW/HEAVY ENTRAINING ENROUTE.
	Mon, Dec 22	18	FW	10" LATE TURN OF DELAYED #2102; 8" PLANT PROBS, TOWER A2.
	Tue, Dec 02	9	A1	7" LATE TURN OF DELAYED #2108; 2" HEAVY ENTRAINING ENROUTE.
77% OT	Fri, Dec 05	12	G	3" RED SIGNALS, A2 AND A3; 8" APPROACH/STOP SIGNALS, GRAYLANDA20; 1" ITEM 2, RTE 83.
	Wed, Dec 10	9	AD	4" WASH TRN AHD FRM CUS/UP WASH TRN CLEARING TWR A2; 3" HEAVY/ SLOW ENTRAINING/DETRAINING ENROUTE; 2" RULE 6.30, GLENVIEW & NORTHBROOK.
	Thu, Dec 18	7	А	5" WAIT FOR SIGNAL/X-TRAFFIC, A2; 2" SLOW ENTRAINING/DETRAININGENROUTE.
	Mon, Dec 22	10	GW	9" MEETING AMTRAK #8/CP #198-17, DEERFIELD (SINGLE TRACKING- SW FAILURE, RONDOUT).
MN 2116	Tue, Dec 09	8	G1	10" DELAYED #2114 AHEAD; 2" ADA, GOLF.
82% OT	Mon, Dec 15	7	EW	2" LATE ARRIVAL OF EQUIP FROM FOX LAKE COACHYARD; 2" DELAYED #2114 AHEAD; 2" UP PSGR TRN INT, TOWER A2.
	Mon, Dec 22	24	EW	2" LATE EQUIP FROM COACHYARD, FOX LAKE; 2" FRT TRN INT, CP/WC XING; 20" LOCO NOT LOADING PROPERLY.
	Wed, Dec 24	10	DW	10" DELAYED #2114 AHEAD.
MN 2125	Tue, Dec 02	17	G	17" TRK LIGHT, RONDOUT.
59% OT	Mon, Dec 08	11	D	11" FRT TRN INT, CP/WC XING.
	Mon, Dec 15	18	DW	15" MEETING DELAYED #2146, RONDOUT; 3" FRT TRN INT, CP/WC XING.
	Tue, Dec 16	18	М	18" MEETING DELAYED #2146 OFF THE J LINE, RONDOUT.
	Wed, Dec 17	11	D	11" FRT TRN INT, CP/WC XING.
	Fri, Dec 19	15	J	15" MEDICAL EMRGENCY REMOVING SICK FEMALE, LIBVILLE.
	Mon, Dec 22	6	DW	3" MEETING DELAYED #2144, DEERFIELD; 3" MEETING DELAYED #2146, RONDOUT.
	Wed, Dec 24	19	IW	19" MEETING DELAYED #2146 OFF THE J LINE, RONDOUT.
	Fri, Dec 26	10	AW	4" #2123 AHEAD; 6" MEETING #2146 OFF THE J LINE, RONDOUT.
MN 2129	Fri, Dec 12	34	G	41" SWITCH FAILURE/#2127 AHEAD HAND LINING XOVER SWITCHES, DEERFIELD.
77% OT	Mon, Dec 15	8	DW	11" FRT TRN INT, CP/WC XING; 3" ADA OFF, GRAYSLAKE.
	Tue, Dec 16	8	AM	10" MEETING #2142, MAYFAIR (SINGLE TRACKING AROUND DISABLED AMTRAK #338 AT MP 12.68).
	Mon, Dec 22	7	AM	7" HELD, MAYFAIR/AMTRAK, GLENVIEW/RESTRICTED SPEED/X-TRAFFIC, CN X-ING
	Fri, Dec 26	14	GW	17" #2127 AHEAD.

IF

		Minutes	Delav	
Line Tr	ain Date	Late		Delay Explanation
	31 Tue, Dec	02 10	RF	10" WAITING FOR LINE-UP, CP/WC XING.
77% O	T Fri, Dec	12 32	G	32" SWITCH FAILURE/DELAYED #2129 AHEAD, DEERFIELD.
	Tue, Dec	16 17	AM	11" DELAYED #2129 AHEAD; 5" RED SIG, LIBERTYVILLE-RESTRICTED SPEED TO NEXT SIG.
	Tue, Dec	23 6	DW	3" STOP X-TRAFFIC, MAYFAIR;2" LATE ARRIVAL OF #2140 EQUIPMENT, CUS; 1" X-TRAFFIC, CN X-ING
	Fri, Dec	26 10	AW	6" DELAYED #2129 AHEAD; 2" PSGR TRN INT, CP/WC XING.
MN 21	35 Mon, Dec	01 11	U	5" UP PSGR TRN INT, MAYFAIR; 4" WAITING FOR LINE-UP, TOWER A20;3" ADA, LIBERTYVILLE; 3" ADA, ROUND LAKE.
73% ()	T Tue, Dec	02 41	Т	21" TRN CAME APART (8210/7443), LAKE COOK; 16" SW FAILURE, DEERFIELD; 3" DETRAINING, LONG LAKE; 2" RESTRICTING, MP 48.5.
	Wed, Dec	10 8	U	4" AMTRAK #339 AHEAD; 4" B/O ADA, ROUND LAKE.
	Fri, Dec	12 18	G	18" SWITCH FAILURE, DEERFIELD; 3" X-TRAFFIC, MAYFAIR; 6" SLOW DETRAINING, LIBVILLE, ROUND LK.
	Tue, Dec	16 15	M1	3" UP PSGR TRN INT, MAYFAIR; 8" SIG PROBS, MORTON GROVE. 5" PASSENGER UNLOADING.
	Tue, Dec	23 7	AM	2" DOOR LITE PROB, CUS; 6" AMTRAK AHEAD, LAKE ST AND TOWER A2.
MN 21	37 Mon, Dec	01 8	А	7" TRAIN AHEAD AND X-TRAFFIC, MAYFAIR; 2" ADA, GOLF; 4" TRAIN AHEAD, NO GLENVIEW TO DEERFIELD.
68% O	T Tue, Dec	02 19	F1	6" TRN(S) AHEADS, TOWER A5-FOREST GLEN; 2" ADA OFF, GOLF; 23" DELAYED #2135 AHEAD.
	Fri, Dec	12 10	G1	10" DELAYED TRAINS AHEAD, DEERFIELD.
	Tue, Dec	16 31	M1	17" DELAYED #2135 AHEASD; 21" STUCK AUTO, CHESTNUT ST.
	Mon, Dec	22 10	GA	8" SW FAILURE, LAKE ST; 6" UP PSGR TRN INT, MAYFAIR; 2" ADA OFF, GOLF.
	Tue, Dec	23 7	AW	6" TRAFFIC, LAKE ST; 2" PROTECT AGAINST #2148, EDGEBROOK; 2" ADA UNLOADING, GOLF; 1" TRAIN AHEAD, A2SIGNAL 23/3
	Tue, Dec	30 8	AM	13" AMTRAK #339 AHEAD FRM CUS; 2" GX PROCEDURES, DUNDEE RD; 2" ADA OFF, GOLF.
MN 21	39 Mon, Dec	01 13	RA	8" #2144 ARRIVED CUS ON TIME ON "WRONG TRACK" (WRONG LINE-UP, LAKE ST); 5" NO REASON GIVEN.
64% O	T Tue, Dec	02 16	T1	20" X/O, TOWER A20 AND RAN AROUND DELAYED #2137/2135; 5" TALKEDBY SIG, CP/WC XING.
	Fri, Dec	12 15	G	15" SWITCH FAILURE, DEERFIELD.
	Tue, Dec	16 45	M1	45" DELAYED #2137 AHEAD.
	Mon, Dec	22 10	GA	3" LATE TURN OF DELAYED #2142; 2" SW PROBS, LAKE ST; 12: DELAYED #2137 AHEAD.
	Tue, Dec	23 7	AW	5" FOLLOWING #2137 ENROUTE; 2" ADA LOADING/UNLOADING, CUSLIBERTYVILLE
	Wed, Dec	24 7	AW	8" FOLLOWING #2137 ENROUTE; 4"LATE ARRIVAL OF #2142, CUS.
	Tue, Dec		AM	8" DELAYED #2139 AHEAD TO DEERFIELD; 2" GX PROCEDURES, DUNDEE RD.

Line	Train	Date	Minutes Late	•	Delay Explanation
MN	2140	Tue, Dec 23	12	GW	5" RESTRICTING, GRAYSLAKE; 3" ENTRAINING, LIBERTYVILLE; 3" UP PSGR TRN INT, MAYFAIR.
82	% ОТ	Fri, Dec 26	10	AW	9" RED SIGNALS ENROUTE; 3" SLOW ENTRAINING ENROUTE;
		Tue, Dec 30	6	AM	4" AMTRAK #8 CLEARING AHEAD, RONDOUT; 2" UP PSGR TRN INT, TOWERA2.
		Wed, Dec 31	8	Ι	12" HEAVY ENTRAINING ENROUTE AND OPERATING WITH A SEVEN-CAR CONSIST.
MN	2141	Mon, Dec 01	18	RA	8" WAITING FOR DELAYED #2139 TO DEPART CUS; 5" UP PSGR TRN INT, MAYFAIR; 5" NC REASON GIVEN.
55	% OT	Tue, Dec 02	26	T1	26" X/O, TOWER A20 AND DELAYED #2139 AHEAD.
		Mon, Dec 08	16	J	20" INJURED PSGR, GRAYSLAKE.
		Fri, Dec 12	9	G1	9" DELAYED TRAINS AHEAD.
		Tue, Dec 16	55	M 1	45" DELAYED #2139 AHEAD; 10" DELAYED #117 CLEARING CP/WC XING.
		Wed, Dec 17	9	G	10" SW FAILURE, TOWER A5.
		Thu, Dec 18	9	E1	9" FOLLOWING #2241 (NO DELAY REASON GIVEN FOR #2241); 4" SLOW LOADING ENROUTE.
		Fri, Dec 19	10	EW	15" LOCOMOTIVE PROBLEMS/CREW CUT OUT TRACTION MOTOR #1, LAKE FOREST.
		Mon, Dec 22	17	IW	10" LATE ARRIVAL OF EQUIPMENT FROM #2114, CUS; 7" SLOW DETRAINING, FOX LAKE
		Tue, Dec 23	6	IW	3" RESTRICTING, TOWER A2; 3" DETRAINING, GRAYLAND.
MN	2142	Tue, Dec 16	15	AM	15" OPERATED "WRONG MAIN" AROUND DISABLED AMTRAK #338.
77	% OT	Fri, Dec 19	7	AM	7" AMTK 338 AHEAD.
		Mon, Dec 22	10	DW	1" MEETING #2121, GRAYSLAKE; 10" FRT TRN INT, CP/WC XING; 3" DOOR PROBS ENROUTE.
		Wed, Dec 24	15	DW	13" FRT INT, CN; 2" SIGNAL PROBLEMS, DEERFIELD.
		Fri, Dec 26	11	AW	6" WAITING ON #2121 TO CLEAR, GRAYSLAKE; 3" STOP, MAYFAIR; 2" STOP, WESTERN.
MN	2143	Mon, Dec 01	20	RA	18" DELAYED #2141 AHEAD; 2" ADA, GRAYSLAKE.
45	% OT	Tue, Dec 02	21	T1	21" X/O, TOWER A20 AND TALKED BY SIGS, DEERFIELD.
		Mon, Dec 08	16	J1	15" DELAYED #2141 AHEADS: 2" ADA, GRAYSLAKE.
		Fri, Dec 12	65	G	27" SWITCH FAILURE, RONDOUT; 41" CREW HAND LINE EAST AND WEST ENDS/MEETING #2156, GRAYSLAKE SIDING.
		Tue, Dec 16	43	M1	45" DELAYED #2141 AHEAD; 8" LATE ARRIVAL OF #2140, CUS.
		Wed, Dec 17	8	G1	10" DELAYED #2141 AHEAD.
		Thu, Dec 18	9	E1	8" #2141 AHEAD, MAYFAIR-GLENVIEW; 1" STUCK DOOR, LIBERTYVILLE; 1" SLOW DETRAINING, LAKE FOREST.
		Fri, Dec 19	8	E1	12" DELAYED #2141 AHEAD.
		Mon, Dec 22	24	DW	20" LATE TURN OF DELAYED #2144; 2" ADA OFF, GRAYSLAKE; 4" DOOR PROBS ENROUTE.
		Tue, Dec 23	9	UF	2" WAITING FOR LINE-UP, CUS; 2" UP PSGR TRN INT, MAYFAIR; 3" ADA OFF, GRAYSLAKE; 6" LIFT PROBS (7476).
		Fri, Dec 26	6	AM	12" AMTRAK #7 AHEAD FROM CUS.
		Tue, Dec 30	84	L	50" BODY FOUND NEAR TRKS, MP .04; 12" FRT AHEAD, TWR A20-LK CK;24" MEETING DELAYED #2156 OFF THE J LINE, RONDOUT; 1" FRT TRN INT, CP/WC XING

MN	Train I	atel	Late	Delay Code	Delay Explanation
	2144	Tue, Dec 16	19	AM	22" SHOVED DISABLED AMTRAK #338, MP 12.68-CUS.
77%	or	Fri, Dec 19	9	AW	9" TRAFFIC AHEAD.
		Mon, Dec 22	11	DW	5" DELAYED #2142 AHEAD, DEERFIELD; 7" DELAYED #2142 AHEAD TO GLENVIEW.
		Wed, Dec 24	13	AW	18" #2142 AHEAD FROM DEERFIELD.
		Fri, Dec 26	7	GW	3" FOLLOWING #2142 FROM DEERFIELD; 4" RESTRICTING, TOWER A20.
MN	2145	Mon, Dec 01	13	С	11" APPROACH AND RESTRICT SIGNALS, A-2 TO DEERFIELD; 4" LATE TURN FROM 2146.
82%	от	Wed, Dec 03	7	GX	6" LATE TURN OF DELAYED #2146; 1" NO REASON GIVEN.
		Tue, Dec 16	22	M1	22" LATE TURN OF DELAYED #2146.
		Tue, Dec 30	17	L	15" MADE REVERSE MOVE AND OPERATED AROUND DELAYED #2143; 2" NO REASON GIVEN.
MN	2146	Mon, Dec 01	6	AM	STOP SIGNAL WAITED FOR AMTRAK, CUS.
82%	от	Wed, Dec 03	7	GX	2" LATE TURN OF #2121; 1" S/O, CP/WC XING; 2" GX PROCEDURES, OSTERMAN AVE; 3" UP PSGR TRN INT, MAYFAIR; 2" S/O, GRAYLAND.
		Tue, Dec 16	14	M1	15" "DUE TO WEATHER," FOX LAKE. DROPPED SHORTS AT NORTHBROOK AND HIGHBALLED NORTHRBOOK-WESTERN AVE.
		Wed, Dec 31	8	I1	11" MEETING #NX3, GRAYSLAKE.
MN	2147	Fri, Dec 12	11	G1	8" LATE TURN OF EQUIPMENT, CUS.
77%	от	Tue, Dec 16	31	M1	24" LATE TURN OF DELAYED #2148; 3" STOP SIGNAL, MAYFAIR.
		Mon, Dec 22	11	GW	11" BAD SIGNALS ENTIRE TRIP, IE REDS/RESTRICTING
		Wed, Dec 24	18	EW	10" LOST AIR, GRAYSLAKE; 5" LATE TURN OF #2148, CUS; 3" RED SIGNAL, MAYFAIR.
		Tue, Dec 30	17	L	15 WAITING FOR AUTHORITY TO DEPART CUS; 5" PASSING DELAYED #2143; 9" FRT TRN INT, CP/WC XING.
MN	2148	Tue, Dec 09	8	IW	7" "WEATHER CONDITIONS," DEERFIELD; 2" GX PROCEDURES, OSTERMAN AVE.
77%	от	Fri, Dec 12	40	G	40" SWITCH FAILURE, DEERFIELD.
		Tue, Dec 16	22	M1	25" P/U SHORTS OFF DELAYED #2146, NORTHBROOK AND HEAVY ENTRAIN-ING ENROUTE.
		Wed, Dec 24	9	GW	9" SIGNAL PROBLEMS AND FOLLOWING #2146, DEERFIELD.
		Fri, Dec 26	9	AW	12" RED SIGNALS DUE TO TRAINS AHEAD ENROUTE.
MN	2149	Mon, Dec 08	31	J1	36" MEETING DELAYED #2156/2158, RONDOUT.
73%	от	Tue, Dec 16	0	M1	ANNULLED. WOULD HAVE BEEN TURN OF DELAYED #2150. CREW/EQUIP USED FOR #2151.
		Wed, Dec 17	35	G1	39" MEETING DELAYED #2156/2158 OFF THE J LINE, RONDOUT.
		Thu, Dec 18	7	G1	13" MEETING DELAYED #2156, RONDOUT; 5" X-TRAFFIC, CN XING.
		Mon, Dec 22	29	AW	30" WAITING ON #2156 TO CLEAR J-LINE; 6" RED SIGNAL, LIBERTYVILLE/RESTRICTED SPEED, LIBERTYVILLEBUTTERFIELD RD
		Tue, Dec 30	14	L1	6" LATE TURN OF DELAYED #2150; 12" DELAYED #2143 AHEAD FROM RONDOUT.

			Minutes	Delay	
Line	Train	Date	Late	Code	Delay Explanation
MN	2151	Mon, Dec 01	13	RA	13" MEETING DELAYED #2158 OFF THE J LINE, RONDOUT. 1" S/O CUS
41%	% ОТ	Tue, Dec 02	9	T1	1" LATE TURN OF DELAYED #2152; 2" RULE 6.30 W/AMTRAK #342; 9" MEETING DELAYED #2158 OFF THE J LINE, RONDOUT.
		Mon, Dec 08	31	J1	38" DELAYED #2149/CP #291-08 HAND-LINING SWITCHES AHEAD, RON- DOUT.
		Fri, Dec 12	11	G1	15" MEETING #2158, RONDOUT.
		Tue, Dec 16	22	M1	8" HEAVY ENTRAINING ENROUTE; 20" MEETING DELAYED #2156 OFF THE J LINE, RONDOUT.
		Wed, Dec 17	11	К	2" STOP SIG, TOWER A5; 10" LOOKING FOR ALLEGED DOWNED POWER LINES, MORTON GROVE-GLENVIEW; 5" SLOW DOORS.
		Thu, Dec 18	0	E1	ANNULLED ACCNT LOCOMOTIVE FAILURE ON #2152.
		Mon, Dec 22	41	GA	3" GX PROCEDURES, OAKTON ST; 30" MEETING DELAYED #2158 OFF THE J LINE, RONDOUT; 8" NO REASON GIVEN.
		Tue, Dec 23	6	AW	11" MEETING #2158, ROUNDOUT; 1" CN S/O
		Wed, Dec 24	10	AW	8" X-TRAFFIC, A-5; 2" S/O CN XING.
		Fri, Dec 26	8	DW	6" MEETING #2158 OFF THE J LINE, RONDOUT; 6" FRT TRN INT AND S/O, CP/WC XING.
		Mon, Dec 29	11	D	2" MEETING #2158 OFF THE J LINE, RONDOUT; 11" FRT TRN INT, CP/ WC XING.
		Tue, Dec 30	11	L1	11" MEETING DELAYED #2158 OFF THE J LINE, RONDOUT.
MN	2152	Tue, Dec 02	18	T1	21" LATE TURN OF DELAYED #2137; 2" RULE 6.30 W/2149, GRAYLAND.
82%	% OT	Tue, Dec 16	26	M1	26" LATE TURN OF DELAYED #2137.
		Thu, Dec 18	85	Е	4" UP PSGR TRN INT, MAYFAIR; 1' 40" LOCO FAILED, GRAYLAND. TRN SHOVED INTO CUS BY AMTRAK #340.
		Wed, Dec 24	8	GW	12" FLAGGING SIGNALS, DEERFIELD TO A-20.
MN	2154	Mon, Dec 01	9	C1	12" LATE TURN FROM 2145.
77%	6 OT	Tue, Dec 02	16	G	16" SW FAILURE, DEERFIELD.
		Tue, Dec 16	19	M1	24" LATE TURN OF DELAYED #2145.
		Wed, Dec 24	10	RF	10" WAITING FOR LINE-UP (NO CROSS-TRAFFIC), MAYFAIR.
		Tue, Dec 30	11	L1	16" LATE TURN OF DELAYED #2145.
MN	2155	Wed, Dec 17	32	G1	30" MEETING DELAYED #2160 OFF THE J LINE, RONDOUT; 7" TALKED BY SIG, CP/WC XING.
77%	6 OT	Thu, Dec 18	6	Р	10" LATE TURN OF EQU, CUS; 2" SLOW DETRAINING ENROUTE.
		Mon, Dec 22	7	AW	6" MEETING #2160 OFF THE J LINE, RONDOUT; 2" DOOR PROBS ENROUTE.
		Tue, Dec 23	16	AM	6" LATE TURN OF DELAYED #2158; 2" UP PSGR TRN INT, MAYFAIR; 10" MEETING DELAYED #2160 OFF THE J LINE, RONDOUT.
		Fri, Dec 26	21	GW	21" MEETING DELAYED #2160 OFF THE J LINE, RONDOUT.

Line Train []]	Date	Minutes Late	•	Delay Explanation		
	Mon, Dec 08	15	J1	15" LATE ARRIVAL OF #2141, FOX LAKE; 9" FRT X-TRAFFIC, CN XING.		
59% OT	Tue, Dec 16					
	Wed, Dec 17	26	G	13" MEETING DELAYED #2143, FOX LAKE; 18" TALKE BY SIG, CP/WC XING.		
	wed, Dec 17	20	U	15 WEBTING DELATED #2145, FOX LAKE, 16 TALKE DT 510, CI/WC XING.		
	Thu, Dec 18	10	E1	15" LATE TURN OFF #2141, FOX LK.		
	Fri, Dec 19	9	E1	12" AWAITING DELAYED #2143, FOX LK.		
	Mon, Dec 22	16	GW	#2147 BECAME #2156 INSTEAD OF #2158, GRAYSLAKE; 25" WAITING ON #2143, FOX LAKE; 10" WEST SWITCH WILL NOT OPEN		
	Tue, Dec 23	11	F1	11" MEETING DELAYED #2143, FOX LAKE.		
	Fri, Dec 26	12	GW	11" STOP THEN TALKED TRHOUGH SIGNALS, DEERFIELD-A20; 5" LATE DEPT WAIT ON #2143, CUS; 1" RED SIGNAL, MAYFAIR.		
	Tue, Dec 30	9	L1	11" MEETING DELAYED #2147, GRAYSLAKE; 4" UP PSGR TRN INT, MAY- FAIR.		
MN 2158	Tue, Dec 02	9	T1	ORIGINATED FOX LAKE 1950 HRS AS RTA EXTRA #418 EAST. 12" MEET- ING DELAYED #2149, GRAYSLAKE; 4" FRT TRN INT, CP/WC XING.		
73% OT	Thu, Dec 18	11	E1	12" WAITING FOR DELAYED #2149, GRSLK; 12" X-TRAFFIC ENROUTE.		
	Mon, Dec 22	30	GW	30" WAITING ON #2149, GRAYSLAKE		
	Tue, Dec 23	11	AW	13" WAITING ON #2149, GRAYSLAKE; 4" WAITING ON BROKE DOWN AMTRAK ENROUTE; 2" RED SIGNAL/WAITING ON WESTBOUND, MAYFAIR		
	Fri, Dec 26	11	GW	8" SIGNAL PROBLEMS, DEERFIELD; 6" WAITING ON #2149 TO CLEAR, GRAYSLAKE; 1" RED SIGNAL, CUS.		
	Tue, Dec 30	7	L1	14" MEETING DELAYED #2143/2149, GRAYSLAKE.		
MW 2203	Mon, Dec 01	7	N1	6" LATE TURN OF DELAYED #2202; 1" NO REASON GIVEN.		
82% OT	Thu, Dec 18	6	AM	3" FOLLOWING AMTRAK, CUS 3" LATE ARRIVAL OF EQU, CUS.		
	Fri, Dec 19	8	GW	3" WAITING ON #2202, CUS; 2" HELD DUE TO STOP SIGNAL, A5; 3" BAD WEATHER ENROUTE		
	Mon, Dec 22	15	DW	14" LATE TURN OF DELAYED #2102; 1" NO REASON GIVEN.		
MW 2222	Wed, Dec 17	7	А	3" WAITING FOR NCS110 TO CLEAR B12		
82% OT	Mon, Dec 22	10	L	5" NEAR HIT, YORK RD; 5" SW FAILURE, TOWER A2.		
	Tue, Dec 23	6	IW	6" SLOW ENTRAINING ENROUTE, OPERATING ONE CAR SHORT IN CONSIST AND DELAYED #110 AHEAD FROM RIVER GROVE.		
	Wed, Dec 31	7	D	7" CN #M341 RAN-THE-SIG, CICERO.		
MW 2233	Tue, Dec 16	11	IW	6" DELAYED #2231 AHEAD; 15" WEATHER CONDITIONS.		
82% OT	Thu, Dec 18	6	U	3' ADA'S & TRAIN AHEAD.		
	Mon, Dec 22	10	GW	5" RED SIGNAL, CUS; 5" RED SIGNAL, ITASCA EAST		
	Tue, Dec 23	8	AW	10" TRAIN AHEAD ENROUTE		
MW 2237	Tue, Dec 09	8	AW	8" TRAIN AHEAD/ WEATHER CONDITIONS ENROUTE.		
64% OT	Thu, Dec 11	18	Т	20" TRAIN BROKE APART BTWN CAR #8250 AND #8228, BARTLETT		
	Tue, Dec 16	8	IW	8" DELAYED #2235 AHEAD.		
	Thu, Dec 18	8	U	3" DOOR STUCK OPEN, 3" ADA'S ENROUTE.		
	Mon, Dec 22	47	V1	30" LATE EQIP FROM WACY (TRN AHEAD ENROUTE); 14" RED SIGS AND RADIO BULLETINS ENROUTE.		
	Tue, Dec 23	10	AW	10" TRAIN AHEAD.		
	Fri, Dec 26	14	GW	10" RED SIG (TRK CIRCUIT), GALEWOOD; 10" LOCO #209 NOT LOADING, SCHAUMBURG.		
	Mon, Dec 29	8	AD	12" DELAYED #2237 AHEAD; ADA, CUS TO BIG TIMBER.		

F

		Minutes	-	
Line Train		Late		Delay Explanation
MW 2239	Thu, Dec 11	17	T1	16" DELAYED #2237 AHEAD, BARTLETTBIG TIMBER.
82% OT	Mon, Dec 22	15	V1	13" DELAYED #2235 AHEAD; 2" ADA OFF, WOODDALE.
	Tue, Dec 23	7	U	3" ADA OFF, WOODDALE; 4" DELAYED #2237 AHEAD.
	Fri, Dec 26	13	GW	13" DELAYED #2337 AHEAD; 2" ADA OFF, BENSENVILLE.
NCS 0108	Mon, Dec 01	17	GW	23" WEATHER RELATED AND SNOW COVERED SIGS ENROUTE.
82% OT	Mon, Dec 15	16	GW	19" HAND-LINING SWITCHES, O'HARE.
	Mon, Dec 22	6	DW	5" X-TRAFFIC, DEVAL; 2" SLOW LOADING ENROUTE.
	Fri, Dec 26	9	RW	15" ICY WEATHER CONDITIONS, ANTIOCH COACHYARD.
NCS 0110	Mon, Dec 01	52	GW	5" DELAYED #108 AHEAD; 27" SNOW COVERED SIGS ENROUTE; 5" UP PSGR TRN INT, DEVAL.
64% OT	Wed, Dec 10	14	G	4" CAR #7307 IMPEDES ENTRAINING/DETRAINING ENROUTE; 3" UP PSGR TRN INT, DEVAL; 11" HAND-LINING SWITCHES, JCT 19.
	Mon, Dec 15	22	GW	4" ENTRAINING, ANTIOCH; 5" (7307) IMPEDES EN/DETRAINING; 2" GX PRO, MP 42.38; 15" HAND-LINE SW, O'HARE; 6" DID OWN LOCAL WORK EAST OF B12.
	Wed, Dec 17	8	Ι	2" FOLLOWING #108; 2" S/O, MP 44.0; 3" GX PROCEDURES, EUCLID AVE; 4" CAR #7307 IMPEDES ENTRAINING/DETRAINING; 2" RULE 6.30, HANSEN PK.
	Mon, Dec 22	19	Ι	4" WAIT FOR BLUE FLAG REMOVAL, ANT CH YD' 4" LINE-UP,ANTIOCH; 4" SLOW ENTRAINING; 5" PSGR TRN INT, CP/WC XING; 4" PSGR TRN INT,DEVAL.
	Tue, Dec 23	8	KW	4" CAR #7307 IMPEDES ENTRAINING; 2" DOOR PROBS (7464) ENROUTE; 4" SLIPPERY PLATFORMS.
	Wed, Dec 24	17	DW	8" #108 AHEAD, LAKE VILLA; 7" PSGR TRN INT, GRAYSLAKE; 2" UP PSGR TRN INT, DEVAL.
	Fri, Dec 26	16	RW	16" DELAYED #108 AHEAD.
NCS 0111	Tue, Dec 02	22	M1	22" RESTRICTED SPEED, LE MONDE-GRAYSLAKE.
73% OT	Tue, Dec 09	8	G	3" #2233 CLEARING AHEAD, TOWER B12; 2" UP PSGR TRN INT, DEVAL; 5" RESTRICTED SPEED, LEITHTON-MUNDELEIN.
	Tue, Dec 16	10	GX	7" STOP SIG, TOWER A5/GX PROCEDURES, RIVER RD; 5" UP PSGR TRN INT, DEVAL.
	Wed, Dec 17	8	D1	2" UP PSGR TRN INT, DEVAL; 6" MEETING DELAYED #118, LEMONDE; 4"ADA'S ENROUTE.
	Thu, Dec 18	13	D1	13" DELAYED #109 AHEAD.
	Mon, Dec 22	31	GW	10" LATE EQU, CUS; 25" SWITCH FAILURE, A-5.

Line	Train []]		Minutes Late	•	Delay Explanation
NCS		Mon, Dec 01	31	GA	15" SW FAILURE, CUS; 6" TRN(S) AHEAD; 6" UP PSGR TRN INT, DEVALAND 5" MEETING
neb	0115	Moli, Dec 01	51	0/1	#120, CP/WC XING.
64	% OT	Tue, Dec 02	14	M1	20" RESTRICTED SPEED, LE MONDE-GRAYSLAKE; 3" ADA OFF, BUFFALO GROVE.
		Fri, Dec 05	6	D	7" X-TRAFFIC, DEVAL; 3" ADA, LAKE VILLA.
		Mon, Dec 08	7	IW	7" MEETING #118, DES PLAINES; 3" ADA OFF, BUFFALO GROVE; 3" SLOW DETRAINING (WEATHER) ENROUTE.
		Tue, Dec 09	14	С	9" COPYING RADIO BULLETIN; 4" RESTRICTED SPEED, LEITHTON- MUNDELEIN.
		Wed, Dec 17	10	GW	1" ADA, LAKE VILLA; 2" DOOR PROBS (7269); 7" MEETING #120 (WHICH HAD TO HAND- LINE SWITCHES AT ANTIOCH YARD), ANTIOCH.
		Mon, Dec 22	15	PW	12" LATE EQUIP FROM WACY; 3" MILW(W) TRN AHEAD.
		Fri, Dec 26	9	GW	2" LATE EQUIP FROM WACY; 10" RED SIGS/TRNS AHEAD, TOWER A5- GALEWOOD EAST (TRK CIRCUIT, GALEWOOD EAST).
NCS	0117	Mon, Dec 01	7	G1	3" OPERATING MT2, TOWER B12-JCT 17; 2" PUMPING SIGS, DEVAL; 5" DELAYED #115 AHEAD FROM GRAYSLAKE.
68	% OT	Tue, Dec 02	8	M1	12" RESTRICTED SPEED, LE MONDE-GRAYSLAKE.
		Tue, Dec 09	15	G1	2" RULE 6.30 W/2246, GALEWOOD; 2" GX PROCEDURES, RIVER RD; 4" POOR VISIBILITY; 7" MEETING DELAYED #120, CP/WC XING.
		Wed, Dec 10	12	J	3" UP PSGR TRN INT, DEVAL; 10" FARE DISPUTE, WHEELING; 2" ADA OFF, BUFFALO GROVE.
		Tue, Dec 16	13	MW	10" X/O MT3-MT1, TOWER A5; 5" WEATHER ENROUTE; 10" MET #120, LEMOND (#120 OPERATED VIA CN ACCT INCIDENT AT GLENVIEW ON MILW(N)).
		Fri, Dec 19	9	GX	9" GX PROCEDURES ENROUTE;3" MEET #120, RAM; 3" COPY TK BULLETIN, DEVAL.
		Mon, Dec 22	25	GW	5" LATE TURN OF DELAYED #2144; 2" RULE 6.30 W/118, BELMONT AVE;15" STOP THEN FLAG, GRAYSLK; 4" XTRAFFIC, DEVAL.
NCS	0118	Mon, Dec 01	11	D	10" CN #451 CLEARING AHEAD, ROUND LAKE BEACH; 4" MEETING DELAY-ED #117, JCT
68	% OT	Tue, Dec 02	30	M1	17. 23" LATE TURN OF DELAYED #107; 8" RESTRICTED SPEED, GRAYSLAKE- LE MONDE; 4" UP PSGR TRN INT, DEVAL.
		Tue, Dec 09	8	RF	5" WAITING FOR LINE-UP, LEMOND; 3" UP PSGR TRN INT, DEVAL.
		Wed, Dec 17	38	D	30" MEETING N/B FRT, NORTH LAKE VILLA; 8" MEETING N/B TRNS ENROUTE.
		,			
		Mon, Dec 22	10	GW	12" WAITING ON #111, PROSPECT HGTS.
		Wed, Dec 24	10	DW	5" FRT BLOCKING PLATFORM, ANTIOCH; 5" UP PSGR TRN INT, DEVAL.
		Tue, Dec 30	15	L	15" HELD MORGAN ST (BODY FOUND NEAR TRKS, MP .04).
NCS	0119	Mon, Dec 01	10	G	5" WAIT ON 349, ROSEMONT; 6" SIGNAL PROBLEMS, GRSLK.
82	% OT	Tue, Dec 02	23	M1	19" LATE TURN OF DELAYED #118; 4" PSGR TRN INT, CP/WC XING.
		Mon, Dec 08	19	D	20" MEETING S/B COAL TRN, LE MONDE.
		Wed, Dec 17	36	D1	26" LATE TURN OF DELAYED #118; 5" UP X-TRAFFIC, DEVAL; 5" STOP AND RESTRICTED SPEED, CP XING.
NCS	0120	Fri, Dec 12	25	D	20" FRT INTERFERENCE ENROUTE; 6" WAIT ON #2143 & #2147, CNXING.
82	% OT	Thu, Dec 18	17	G1	10" STOP SIGNAL, ANTIOCH; 13" WAITING ON # 117, RLB; 8" BEHIND #2152, MAYFAIR- A-2.
		Mon, Dec 22	24	AW	26" X-TRAFFIC ENROUTE.
		Fri, Dec 26	10	GW	10" SIG PROBS, DEERFIELD-TOWER A20.

F

				D 1	
Lin	e Train	Date	Minutes Late		Delay Explanation
RI	0302	Fri, Dec 05	9	G	9" CONGESTION FROM SWITCH FAILURE, CP PERSHING.
	73% OT	Mon, Dec 15	13	GW	13" PLANT PROBS, GRESHAM JCT.
		Fri, Dec 19	7	RO	3" MEETING 412'S WASH, CP PERSHING; 1" NO SIG, 18TH ST; 3" OPERERROR, BRIDGE B.
		Mon, Dec 22	27	M1	20" LATE TURN OF DELAYED #3021; 7" COLD WEATHER S/O IN EFFECT.
		Wed, Dec 24	8	GW	9" SW FAILURE, GRESHAM JCT.
		Fri, Dec 26	23	RW	16" LATE TURN OF DELAYED #3021; 7" SLOW ENTRAINING ENROUTE.
RI	0401	Thu, Dec 04	6	RO	6" OPR ERROR JOLIET
	73% OT	Fri, Dec 19	9	I1	5" LATE DEPT/WAITING FOR CONDUCTOR OFF #400, LSS; 4" WEATHER CONDITIONS/RULE 6.30 ENROUTE.
		Mon, Dec 22	35	M1	35" HELD GRESHAM JCT (DUE TO INCIDENT INVOLVING #402), THEN OPERATED VIA BV SUB AND COLD WEATHER S/O IN EFFECT.
		Tue, Dec 23	17	GW	14" PLANT LOCKED UP, GRESHAM JCT; 3" RULE 6.30 ENROUTE.
		Fri, Dec 26	17	RW	9" USED #400'S EQUIP (NORMALLY A FLIP OF #600); 12" MEETING DELAYED #414, RICHARDS ST.
		Mon, Dec 29	10	E1	10" MEETING DELAYED #412/414, RICHARDS ST.
RI	0403	Thu, Dec 04	9	Е	9" BRAKE PROBS, MOKENA.
	77% OT	Mon, Dec 08	6	AA	5" RULE 6.30 ENROUTE; 1-1/2" WAITING FOR LINE-UP, RICHARDS ST.
		Mon, Dec 22	42	M1	20" HELD GRESHAM JCT (DUE TO INCIDENT INVOLVING #402), THEN OPERATED VIA BV SUB AND COLD WEATHER S/O IN EFFECT; 22" FROZEN SW, MILLER ST.
		Tue, Dec 23	7	GW	12" LATE TURN OF DELAYED #602.
		Fri, Dec 26	16	RW	17" LATE TURN OF DELAYED #602.
RI	0416	Mon, Dec 15	6	GW	6" PLANT PROBS, GRESHAM JCT.
	82% OT	Mon, Dec 22	40	M1	31" LATE TURN OF DELAYED #401; 9" COLD WEATHER S/O IN EFFECT.
		Tue, Dec 23	12	GW	7" LATE TURN OF DELAYED #401; 1" NO REASON GIVEN.
		Fri, Dec 26	15	RW	8" LATE TURN OF DELAYED #403; 2" DELAYED #302 AHEAD; 5" CONGES-TION, GRESHAM JCT.
RI	0419	Wed, Dec 03	9	Ι	4" DOOR PROBS, LSS; 1" NS #35E CLEARING ENGLEWOOD; 4" NO REASONGIVEN.
	82% OT	Mon, Dec 08	6	I	2" NS #20W CLEARING ENGLEWOOD; 4" SLOW LOADING
		Fri, Dec 19	11	IW	7" LATE TURN OFF #418, LSS; 4" NO REASON GIVEN.
		Fri, Dec 26	6	J1	9" HELD RICHARDS ST #407 W/MEDICAL EMERGENCY, JUD.

			Minutes	Delay	
Lin	e Train	Date	Late		Delay Explanation
RI		Mon, Dec 01	8	I	8" HEAVY PASSENGER LOADING
	45% OT	Tue, Dec 02		F1	9" LATE TURN OF CREW OFF DELAYED #606/USED #408'S EQUIP; 3" #414 CLEARING AHEAD, GRESHAM JCT; 6" ENTRAINING ENROUTE.
		Wed, Dec 10	15	P1	10" LATE TURN OF DELAYED #408 (WOULD NORMALLY BE TURN OF #606, WHICH WAS ANNULLED); 5" NO REASON GIVEN.
		Fri, Dec 12	6	D	4" XING OVER TK2TK1, CP66TH CTNEW LENOX; 4" CSX J746 CLEARING, MOKENA.
		Mon, Dec 15	23	GW	23" PLANT PROBS, GRESHAM JCT.
		Wed, Dec 17	9	Ι	6"GRESHAM WAITING FOR RI612 TO CLEAR, 3" PASSENGER LOADING VARIOUS LOCATIONS
		Thu, Dec 18	6	D	5" X-TRAFFIC NS 21V ENGLEWOOD, 3 SLOW ENTRAINING, 91ST.
		Fri, Dec 19	12	G1	6" MEETING DELAYED #612, GRSHM; 5" SWITCH PROBLEMS, BI; 5" SLOWENTRAINING ENROUTE.
		Mon, Dec 22	22	GW	22" COLD WEATHER S/O IN EFFECT.
		Tue, Dec 23	6	IW	8" DELAYED #612 CLEARING GRESHAM JCT; 3" ENTRAINING/DETRAINING,OAK FOREST
		Wed, Dec 24	25	GW	30" SW FAILURE, GRESHAM JCT.
		Fri, Dec 26	8	IW	3" LATE TURN OF DELAYED #606; 5" SLOW ENTRAINING ENROUTE.
RI	0505	Tue, Dec 02	29	D	29" EJE #654 IN EMERGENCY ACROSS-THE-DIAMONDS, EJE XING.
	73% OT	Fri, Dec 05	11	G1	15" DEPARTING LSS TERMINAL ON ACCOUNT OF CONGESTION AT 16TH ST,SWITCH FAILURE AT CP PERSHING
		Thu, Dec 18	7	G	2" MEETING #614, 16TH; 4" RUNNING TIME ON TRAP CIRCUIT, 16TH.
		Fri, Dec 19	7	I1	8" MEETING DELAYED #506, BI.
		Mon, Dec 22	11	CW	11" COLD WEATHER S/O IN EFFECT.
		Fri, Dec 26		IW	7" SLOW ENTRAINING ENROUTE.
RI		Mon, Dec 01	8	Ι	5" HEAVY ENTRAINING ENROUTE; 4" ADA ON, OAK FOREST.
	59% OT	Thu, Dec 04	21	E1	1" LATE TURN OF DELAYED #403; 12" BRAKE PROBS, NEW LENOX; 8" DOOR PROBS (8256) ENROUTE.
		Fri, Dec 05	9	Ι	9" SLOW PASS LOADING
		Mon, Dec 08	15	G	3" ADAS ON, JUD; 13" SW FAILURE, BLUE ISLAND; 5" ADAS, OAK FOREST.
		Wed, Dec 10	10	AA	2" TWP ADAS, OAK FOREST; 8" RULE 6.30 W/505, BLUE ISLAND.
		Fri, Dec 19	10	IW	10" HEAVY ENTRAINING ENROUTE.
		Mon, Dec 22	44	M1	40" LATE TURN OF DELAYED #403; 4" COLD WEATHER S/O IN EFFECT.
		Tue, Dec 23	6	IW	1" LATE TURN OF DELAYED #403; 2" ENTRAINING, 123RD; 4" EN- TRAINING/DETRAINING ENROUTE.
		Fri, Dec 26	16	IW	7" LATE TURN OF DELAYED #503; 5" TALKED BY SIG, GRESHAM JCT; 4" SLOW ENTRAINING ENROUTE.
RI	0508	Tue, Dec 02	19	Ι	6" LATE TURN OF DELAYED #503; 13" SLOW ENTRAINING (PSGRS WAITEDINSIDE DUE TO TRN RUNNING LATE); 4" ADAS, ROBBINS AND 95TH.
	64% OT	Wed, Dec 10		P1	9" LATE TURN OF DELAYED #503; 5" NO REASON GIVEN.
		Thu, Dec 11	7	U	12" SIX ADAS ON/OFF ENROUTE.
		Mon, Dec 15		GW	12" LATE TURN OF DELAYED #503.
		Thu, Dec 18		U	11" ADA LIFT MALFUNCTION/#7487, NEW LENOX.
		Fri, Dec 19		GW	2" LATE TURN OFF #503, JUD; 8" SLOW PASS LOADING
		Mon, Dec 22		CW	13" LATE TURN OF DELAYED #503; 3" COLD WEATHER S/O IN EFFECT.
		Wed, Dec 24	14	GW	17" LATE TURN OF DELAYED #503.

Line	Train []]	Date	Minutes Late		Delay Explanation
RI	0513	Mon, Dec 01	6	G	3" NO REASON GIVEN EAST OF BLUE ISLAND; 3" FLAGGING MOKENA (BURNED OUT ASPECT).
64	% OT	Mon, Dec 08	7	R	7" STUDENT ENGINEER.
		Thu, Dec 11	14	U	18" EIGHT ADAS ON/OFF ENROUTE.
		Fri, Dec 12	8	AM	5" AMTK352 X-TRAFFIC, ENGLEWOOD; 4" ADAS OFF, OAK FOREST AND OAK PK.
		Wed, Dec 24	7	UW	4" ADAS, 95TH & 103RD; 3" HEAVY DETRAINING, TINLEY/80 AND NEW LENOX.
		Mon, Dec 29	36	Е	36" MECH PROBS ENROUTE.
		Tue, Dec 30		Ι	4" RESTRICTING YORK, AND WESTERN 2" ADA 91ST 3" 10MPH ENGLEWOOD
		Wed, Dec 31	6	U	4" ADAS OFF, 103RD AND TINLEY/80; 2" SLOW DETRAINING, OAK FOREST AND MOKENA.
RI	0523	Thu, Dec 04	10	S	10" EFFICIENCY TEST, GRESHAM JCT.
55	5% OT	Wed, Dec 10	7	Ι	7" RIDERSHIP
		Thu, Dec 11	6	Ι	6" RIDERSHIP
		Fri, Dec 12	7	Ι	7" RIDEERSHIP
		Tue, Dec 16	9	EW	1" ENTRAINING, LSS; 4" SLOW DETRAINING, BRAINERD AND 95TH; 5" LOCO WOULD NOT MAKE TRACK SPEED.
		Wed, Dec 17	12	KW	12" LOCO #182 NOT LOADING PROPERLY. UNABLE TO MAINTAIN TRACK SPEED.
		Thu, Dec 18	11	U	2" SLOW ENTRAINING, GRSHM; 6" ADAS, 95TH/ROBBINS; 2" SLOW ENTRAINING, BI; 2" PASSENGER HAD TO RE-BOARD FOR BELONGINGS, NEW LENOX.
		Fri, Dec 19	11	GW	11"SLOW PASS LOADING
		Mon, Dec 22	9	GW	9" SLOW PASS LOADING, FROZEN SWITCHES
		Tue, Dec 23	7	RW	7" NO REASON GIVEN.
RI	0614	Fri, Dec 05	15	G	15" CONGESTION FROM SWITCH FAILURE, CP PERSHING.
82	2% OT	Mon, Dec 15	15	GW	16" SW #12 FAILED, GRESHAM JCT; 3" BRIDGE ACCT DISP TIMING OUT SIG (DEPOT CREW NOT READY AFTER CALLING).
		Mon, Dec 22	27	M1	23" LATE TURN OF DELAYED #6141; 4" COLD WEATHER S/O IN EFFECT.
		Fri, Dec 26	21	RW	23" LATE TURN OF DELAYED #6141.
SWS	0811	Tue, Dec 09	8	D	10" NS #BC41 CLEARING CP 518; 2" AMTRAK HEADROOM MOVE AHEAD, 18TH ST.
77	'% OT	Thu, Dec 18	34	G	43" SWITCH PROBLEMS/WAITING ON TRAINS, LUMBER ST; 5" WAITING ONSIGNAL, BELT JCT.
		Mon, Dec 22	14	D	21" CSX #Q124 CLEARING AND #7 SWITCH FAILING, BELT JCT.
		Fri, Dec 26	7	D	12" NS #33E CLEARING CP 518; 3" WAITING FOR LINE-UP, FOREST HILL.
		Mon, Dec 29	8	G	6" MEETING #822, CP 518; 3" #Q156-29 CLEARING FOREST HILL; 9" TALKED BY SIG, CP RIDGE.
SWS	0822	Thu, Dec 04	9	D	4" FROZEN DOORS, ORLAND/179; 8" AMTRAK #51 AHEAD ON METRA MAIN,CP 518-21ST (NS MAINS BLOCKED BY FRT TRNS).
82	% ОТ	Tue, Dec 09	9	D	14" NS #BC 41 CLEARING CP 518.
		Thu, Dec 18		G	9" SWITCH PROBLEMS, LUMBER ST.
		Fri, Dec 26		KW	16" LATE TURN OF DELAYED #807.

Line Train	Date	Minutes Late	•	Delay Explanation
SWS 0826	Tue, Dec 09	10	RF	10" PLANT-IN-TIME, CP RIDGE.
73% OT	Wed, Dec 10	12	GW	5" FRT TRN INT, CP RIDGE; 12" MEETING DELAYED #815, CP 518.
	Thu, Dec 18	38	G1	23" LATE TURN OF EQ,179TH; 9" X-TRAFFIC, NS21G, CP518.
	Mon, Dec 22	8	D	5" LATE TURN OF DELAYED #811; 3" FRT TRN INT, CP RIDGE; ADA, OAK LAWN.
	Wed, Dec 24	28	DW	25" CN #393 CLEARING ASHBURN; 7" FRT TRN INT, LANDERS.
	Fri, Dec 26	10	D	3" WAITING FOR LINE-UP, CP RIDGE; 5" FRT TRN INT, FORES HILL' 5" WAITING FOR LINI UP, CP 518.
SWS 0830	Wed, Dec 03	11	D	14" MEETING #819, CP 518 (FRT TRNS OCCUPIED BOTH NS MAINS).
82% OT	Mon, Dec 22	11	AM	10" AMTRAK #49 CLEARING 21ST ST; 1" NO REASON GIVEN.
	Tue, Dec 23	49	GW	50" #21 SW FAILED, CP 518.
	Wed, Dec 24	9	PW	13" LATE TURN OF DELAYED #815.
SWS 0833	Mon, Dec 01	27	G	14" FRT TRN INT, BELT JCT; 14" HAND-LINING DERAIL, FOREST HILL.
77% OT	Mon, Dec 08	8	M1	16" LATE TURN OF DELAYED #836.
	Tue, Dec 09	12	RF	15" MEETING #838, FOREST HILL (LANDERS OPERATOR ERROR).
	Mon, Dec 22	10	DW	10" LATE TURN OF DELAYED #836; 1" NO REASON GIVEN; X-TRAFFIC, CUS; 3" RED SIGNAL, AIRLINE STOP.
	Wed, Dec 24	13	KW	22" LATE TURN OF DELAYED #836.
SWS 0838	Mon, Dec 01	39	G1	32" MEETING DELAYED #833, ASHBURN; 4" FRT TRN INT, BELT JCT.
82% OT	Fri, Dec 05	9	D	14" X-TRAFFIC NS 23N, CP518.
	Mon, Dec 22	13	DW	10" LATE TURN OF DELAYED #827; 3" NO REASON GIVEN.
	Tue, Dec 23	6	IW	5" SLOW ENTRAINING, ORLAND/179; 1" WAITING FOR LINE-UP, ASHBURN
UPN 0336	Fri, Dec 05	25	V	25" LOADING PROBLEMS/NO TROUBLE FOUND.
82% OT	Mon, Dec 22	7	IW	7" SLOW ENTRAINING ENROUTE/WEATHER.
	Tue, Dec 23	10	IW	10" SLOW ENTRAINING/DETRAINING ENROUTE.
	Fri, Dec 26	10	IW	10" SLOW ENTRAINING ENROTUE.
UPN 0350	Wed, Dec 10	12	L1	14" LATE TURN OF DELAYED #337. HIGHBALLED HIGHLAND PK-WILMETTE.
77% OT	Fri, Dec 12	11	I1	5" LATE TURN OFF #337; ATS PENALTY, HIGHLAND PK; SLOW ENTRAINING, HIGHLAND PK, BRAESIDE, DAVIS ST.
	Fri, Dec 19	11	G1	5" LATE TURN OFF #337; SLOW ENTRAINING/WEATHER.
	Mon, Dec 22	7	IW	7" SLOW ENTRAINING ENROUTE/WEATHER.
	Tue, Dec 23	10	IW	10" HEAVY/SLOW ENTRAINING/DETRAINING ENROUTE.
UPN 0352	Mon, Dec 01	10	Ι	10" HEAVY/SLOW ENTRAINING ENROUTE.
64% OT	Wed, Dec 03	8	IW	8" SLOW ENTRAINING/DETRAINING ENROUTE.
	Wed, Dec 10	9	L1	9" DELAYED #350 AHEAD, HIGHLAND PK. P/U #350'S SHORTS AND HVY ENTRAINING
				ENROUTE (ACCT #350 HIGHBALLED HIGHLAND PK-WILMETTE).
	Fri, Dec 12	7	Ι	7" SLOW ENTRAINING, LK BLUFF, LK FOREST, FORT SHERIDAN, HIGHLNDPK.
	Thu, Dec 18	9	Ι	9" HEAVY ENTRAINING ENROUTE.
	Fri, Dec 19	9	IW	9" HEAVY ENTRAINING/WEATHER.
	Mon, Dec 22	7	IW	7" HEAVY/SLOW ENTRAINING ENROUTE/WEATHER.
	Fri, Dec 26	32	IW	32" SLOW ENTRAINING ENROUTE.

Line Train []]	Date	Minutes Late	•	Delay Explanation
	Mon, Dec 15	7	IW	5" LATE TURN OF DELAYED #352; 2" HEAVY/SLOW ENTRAINING/DETRAIN-ING ENROUTE.
82% OT	Tue, Dec 16	14	IW	14" SLOW ENTRAINING/DETRAINING ENROUTE.
02/001	Mon, Dec 22		I1	7" LATE TURN OFF #352.
	Fri, Dec 26		IW	32" LATE TURN OF DELAYED #352.
UPN 0361	Fri, Dec 05		I	7" HEAVY ENTRAINING, CLYBOURN, RAVENSWOOD, RP.
77% OT	Tue, Dec 09	10	IW	10" SLOW ENTRAINING/DETRAINING ENROUTE.
	Fri, Dec 12		Ι	7" HEAVY ENTRIANING, CLYBOURN, RVNSWD, MAIN ST.
	Tue, Dec 16		IW	10" SLOW ENTRAINING/DETRAINING ENROUTE.
	Fri, Dec 19	7	Ι	7" HEAVY ENTRAINING/WEATHER.
UPN 0362	Tue, Dec 09	10	IW	10" LATE TURN OF DELAYED #361.
82% OT	Fri, Dec 12	6	Ι	6" SLOW ENTRAINING, CENTRAL ST, EVANSTON, MAIN ST.
	Tue, Dec 16		IW	10" LATE TURN OF DELAYED #361.
	Fri, Dec 19	10	IW	10" SLOW ENTRAINING/WEATHER.
UPNW 0636	Mon, Dec 01	13	G	13" FLAGGING EJE XING (DISP UNABLE TO CONTROL SIGS).
82% OT	Thu, Dec 11	10	S	10" SAFETY CONTACTS, BARRINGTON.
	Mon, Dec 22	12	RF	12" WAITING FOR LINE-UP, DEVAL AND BRIDGE B.
	Fri, Dec 26		M1	1' 33" STOPPED EDISON PK ACCT INCIDENT INVOLVING #610.
UPNW 0645	Thu, Dec 04		K	40" AUTO ON TRKS, MP 31.66.
77% OT	Fri, Dec 05	8	G1	8" DELAYED #639/#641 AHEAD, BARRINGTON.
	Tue, Dec 09	17	KW	17" AUTO ON TRKS, LAKE COOK RD AND TRNS AHEAD.
	Mon, Dec 22	17	KW	6" LATE ARRIVAL OF EQUIP FROM CACY (ACCT SW FAILURE, LAKE ST); 9" AUTO STUCK ON TRKS, RIVER RD (DES PLAINES).
	Fri, Dec 26	31	PW	31" WENT OUT AS LITE EQUIP ONLY.
UPNW 0647	Thu, Dec 04	41	K	41" AUTO ON TRKS, MP 31.66.
73% OT	Fri, Dec 05	18	GX	18" GX PROCEDURES, MP31.77 AND MP31.66; TRAINS AHEAD.
	Tue, Dec 09	20	KW	20" AUTO ON TRKS, LAKE COOK RD AND TRNS AHEAD.
	Tue, Dec 16	28	RW	28" LATE EQUIP FROM CACY (B/O LOCO). FOLLOWED #649/651 FROM OTC.
	Mon, Dec 22	36	KW	6" LATE ARRIVAL OF EQUIP FROM CACY (ACCT SW FAILURE, LAKE ST); 30" GX PROCEDURES, OZARK AVE AND S/O BY RIVER RD (DES PLAINES).
	Fri, Dec 26	11	IW	11" SLOW ENTRAINING ENROUTE.
UPNW 0649	Thu, Dec 04	43	K	43" AUTO ON TRKS, MP 31.66.
68% OT	Tue, Dec 09	20	KW	20" AUTO ON TRKS, LAKE COOK RD AND TRNS AHEAD.
	Tue, Dec 16	11	IW	11" SLOW ENTRAINING/DETRAINING ENROUTE.
	Thu, Dec 18	10	Р	6" SWAP EQ DUE TO LATE RIP WHICH TOOK LONGER THAN NORMAL DUE TOCOUPLER PINS, CALI AVE COACH YD.
	Fri, Dec 19	11	PW	11" SWAPPED B/O EQUIPMENT OUT OF CAL AVE YARD.
	Mon, Dec 22	21	KW	2" LATE ARRIVAL OF EQUIP FROM CACY (SW FAILURE, LAKE ST); 19" GX PROCEDURES OZARK AVE AND S/O BY RIVER RD (DES PLAINES).
	Tue, Dec 30	9	D	10" DISABLED #CROPP-30 STOPPED ACROSS-THE-DIAMONDS, DEVAL.
UPNW 0651	Thu, Dec 04	48	Κ	48" AUTO ON TRKS, MP 31.66.
77% OT	Fri, Dec 05	12	GX	12" GX PROCEDURES, MP31.77/MP31.66; #647 AHEAD.
	Tue, Dec 09	10	KW	10" AUTO ON TRKS, LAKE COOK RD AND TRNS AHEAD.
	Mon, Dec 22	34	GW	34" UNABLE TO TIE ON LOCO, OTC (ACCT SW FAILURE, LAKE ST).
	Tue, Dec 30	0	RL	ANNULLED AT BARRINGTON (ENGINEER HAD FAMILY EMERGENCY). DROPPEDSHORTS, BARRINGTON (FOR #653) AND CREW YARDED TRN, BARRINGTON.

		Minutes	Delay			
Line Train	Date	Late	Code	Delay Explanation		
UPNW 0653	Thu, Dec 04	34	Κ	34" AUTO ON TRKS, MP 31.66.		
73% OT Fri, Dec Tue, Dec		11	J	11" MEDICAL EMERGENCY, WOODSTOCK.		
		12	KW	12" AUTO ON TRKS, LAKE COOK RD AND TRNS AHEAD.		
	Mon, Dec 22	15	GW	15" LATE ARRIVAL OF EQUIP FROM CACY (ACCT SW FAILURE, LAKE ST).		
	Fri, Dec 26	9	PW	9" LATE EQUIP FROM CACY.		
	Wed, Dec 31	24	DD	24" WRONG LINE-UP, CLYBOURN. OPERATED AS NINE-CAR LOCAL, MAKINGEXTRA		
				STATION STOPS FOR NEW YEAR'S EVE.		
UPNW 0655	Thu, Dec 04	29	K1	29" DELAYED #653 AHEAD.		
77% OT	Thu, Dec 11	13	Р	13" LATE DEPT/LATE EQ OUT OF COACH YARD, OTC.		
	Mon, Dec 15	10	IW	10" HEAVY/SLOW DETRAINING ENROUTE.		
	Tue, Dec 16	17	IW	17" SLOW ENTRAINING/DETRAINING ENROUTE.		
	Mon, Dec 22	13	GW	9" LATE ARRIVAL OF EQUIP FROM CACY (ACCT SW FAILURE, LAKE ST); 4" DELAYED		
				#651/653 AHEAD.		
UPNW 0662	Thu, Dec 04		K1	34" LATE TURN OF DELAYED #653.		
82% OT	Fri, Dec 05		J1	11" LATE TURN OFF #653, HARVARD.		
	Tue, Dec 09	12	KW	12" LATE TURN OF DELAYED #653.		
	Tue, Dec 30	13	J	13" GX PROCEDURES, MP 22.31 AND REMOVAL OF UNRULY PSGR, PARK RIDGE.		
UPW 0028	Wed, Dec 03	8	V1	8" DELAYED #24 AHEAD AND PSGR TRN INT, TOWER A2.		
82% OT	Mon, Dec 22	0	GW	ANNULLED. WOULD HAVE BEEN TURN OF DELAYED #17.		
	Tue, Dec 23	18	GW	18" SW FAILURE, PECK AND DELAYED #26 AHEAD.		
	Fri, Dec 26	9	DW	11" FRT TRN INT, PARK.		
UPW 0038	Mon, Dec 15	13	IW	13" HEAVY/SLOW ENTRAINING ENROUTE.		
82% OT	Fri, Dec 19	10	IW	10" SLOW ENTRAINING/WEATHER.		
	Mon, Dec 22	10	GW	10" SW FAILURE, TOWER A2.		
	Tue, Dec 23	10	IW	38" SLOW ENTRAINING ENROUTE.		
UPW 0044	Mon, Dec 22	13	GW	20" LATE TURN OF DELAYED #17.		
77% OT	Tue, Dec 23	15	IW	15" SLOW ENTRAINING ENROUTE.		
	Fri, Dec 26	10	IW	10" HEAVY ENTRAINING ENROUTE.		
	Mon, Dec 29	12	Ι	12" SLOW ENTRAINING ENROUTE AND S/O, MP 14.9.		
	Tue, Dec 30	27	G1	27" HEAVY/SLOW ENTRAINING ENROUTE AND OPERATED MT2, TURNER- PARK (TRK GANG AT ELMHURST).		
UPW 0056	Tue, Dec 23	14	DW	14" #QNPPR-23 AHEAD, WEST CHICAGO AND SLOW ENTRAINING/DETRAIN- ING ENROUTE.		
77% OT	Wed, Dec 24	40	DW	40" #QNPPR-24 AHEAD (NO LOCATION)CREW TRYING TO UNLOCK DERAILON OUTBOUND #2.		
	Fri, Dec 26	7	IW	7" SLOW ENTRAINING ENROUTE AND NO SIG, BRIDGE A.		
	Tue, Dec 30		D	10" #MDMPR-29 AHEAD, WEST CHICAGO.		
	Wed, Dec 31		R1	10" UNABLE TO OBTAIN CLEAR SIG, ELBURN. 12" OPERATED ON BLOCKS.CAR DEPT DISCOVERED EQUIP WAS NOT CHANGED OVER FROM ATS.		

Data is final (01/13/09) version from TOPS.

 $P:\label{eq:ontime} P:\label{eq:ontime} P:\label{eq:ontime} ONTIME\continue on the second s$

TABLE 4: DELAY CODES AND DEFINITIONS

Code	Definition	Code	Definition
А	Passenger Train Interference	М	Right of Way Accident/Misc.
AA	Rule 9.9 Delayed in Block/Rule 6.30	MW	Right of Way Accident/Misc., Weather
AD	Non-Revenue Passenger Train Interference	M1	Right of Way Accident/Misc., Train Ahead
AM	Amtrak Caused Delay	N	ComEd Failure
AS	NICTD Train Interference	NW	ComEd Failure, Weather
AW	Pass. Train Interference, Weather	N1	ComEd Failure, Train Ahead
A1	Pass. Train Interference, Train Ahead	0	AC/DC System Failure
В	Human Error, Eng. Dept.	OW	AC/DC System Failure, Weather
BA	Amtrak Engineering Human Error	01	AC/DC System Failure, Train Ahead
BW	Human Error, Eng. Dept. Weather	P	Late Equipment From Coach Yard
B1	Human Error, Eng. Dept. Train Ahead	PW	Late Equipment From Coach Yard, Weather
C	M of W Work	P1	Late Equipment From Coach Yard, Train Ahead
CA	Amtrak Engineering	Q	Late Issuance of Track Warrant
CC	Scheduled Track Work	Q1	Late Issuance of Track Warrant, Train Ahead
CF	M of W Caused Mechanical Malfunction	R	Human Error, Transportation
CG	Scheduled Signal Work	RA	Human Error, Amtrak Transportation
СН	Contractor Failure	RD	Human Error, Metra Dispatcher
CO	Scheduled Wire Work	RF	Freight Dispatcher/Opr/Non-Freight Train Error
CW	M of W Work, Weather	RL	Human Error, Job Action/Employee No Show
C1	M of W Work, Train Ahead	RO	Human Error, Metra Operator
D	Freight Train Interference	RS	Human Error, NICTD Transportation
	6		1
DD DW	Freight Dispatcher/Opr/Freight Train Error	RW R1	Human Error, Transportation, Weather
	Freight Train Interference, Weather		Human Error, Transportation, Train Ahead
D1 E	Freight Train Interference, Train Ahead	S S1	Operational (Efficiency) Testing
	Locomotive Malfunction	51 T	Operational (Efficiency) Testing, Train Ahead
EA	Amtrak Locomotive Malfunction		Property Vandalism
EW	Locomotive Malfunction, Weather	TG	Vandalism of Gates
E1	Locomotive Malfunction, Train Ahead	T1	Property Vandalism, Train Ahead
F	Cab Car/Trailer/MU Malfunction	U	Accessibility Related (ADA)
FA	Amtrak Car Malfunction	UF	ADA Lift Failure
FW	Cab Car/TRL/MU Malfunction, Weather	UW	Accessibility, Weather
F1	Cab Car/TRL/MU Malfunction, Train Ahead	U1	Accessibility, Train Ahead
G	Signal/Switch Malfunction	V	Mechanical Problem Reported, Nothing Found
GA	Signal/Switch Failure Amtrak	V1	Mech. Prob., Nothing Found, Train Ahead
GW	Signal/Switch Malfunction Weather	W	Gas Leak
GX	Broken Gate Crossing	WW	Gas Leak, Weather
G1	Signal/Switch Malfunction, Train Ahead	W1	Gas Leak, Train Ahead
H	Human Error, Mechanical Department	XA	Train Annulled - Amtrak
HS	Human Error, NICTD Mechanical Dept.	XB	Train Annulled - Engineering Dept.
HW	Human Error, Mech. Dept., Weather	XD	Train Annulled - Freight Interference
H1	Human Error, Mech. Dept., Train Ahead	XE	Train Annulled - Engine Failure
I	Passenger Handling, Running Time	XF	Train Annulled - B/O Car
IB	Passenger Handling, Bicycle	XG	Train Annulled - Signal Dept.
IW	Passenger Handling, Weather	XH	Train Annulled - Mechanical Dept.
I1	Passenger Handling, Train Ahead	XJ	Train Annulled - Passenger Problem/Removal
J	Passenger Problems/Removal	XK	Train Annulled - Obstruction
JA	Amtrak Passenger Problems/Removal	XL	Train Annulled - Unauthorized People On Trk
J1	Passenger Problems/Removal Train Ahead	XM	Train Annulled - Right of Way Accident/Misc.
К	Obstruction On Tracks	XN	Train Annulled - ComEd Problem
KD	Obstruction On Tracks, Debris	XO	Train Annulled - AC/DC Failure
KP	Suspicious Package(s)/Person(s)/Activity	XQ	Train Annulled - No Track Warrant
KW	Obstruction On Tracks, Weather	XR	Train Annulled - Transportation Dept.
K1	Obstruction On Tracks, Train Ahead	XT	Train Annulled - Vandalism
L	Unauthorized People On Tracks/Near Miss	XV	Train Annulled - Mech. Problem, Nothing Found
L1	Unauthorized People On Tracks, Train Ahead	XW	Train Annulled - Gas Leak

11/07/07 version

P:\ONTIME\DownloadFromTOPS\[#Delay_ImportInstructions_&_Codes_07.xls]Incident Code Table 08/15/2008

CATE	GORY	CATE	GORY
	Definition		Definition
1	PASSENGER TRAIN INTERFERENCE	13	HUMAN ERROR
A1	Pass. Train Interference, Train Ahead	B1	Human Error, Eng. Dept. Train Ahead
А	Passenger Train Interference	В	Human Error, Eng. Dept.
AA	Rule 9.9 Delayed in Block/Rule 6.30	BA	Amtrak Engineering Human Error
AD	Non-Revenue Passenger Train Interference	H1	Human Error, Mech. Dept., Train Ahead
AM	Amtrak Caused Delay	Н	Human Error, Mechanical Department
AS	NICTD Train Interference	HS	Human Error, NICTD Mechanical Dept.
P1	Late Equipment From Coach Yard, Train Ahead	R1	Human Error, Transportation, Train Ahead
Р	Late Equipment From Coach Yard	R	Human Error, Transportation
XA	Train Annulled - Amtrak	RA	Human Error, Amtrak Transportation
2&3	FREIGHT INTERFERENCE	RD	Human Error, Metra Dispatcher
D1	Freight Train Interference, Train Ahead	RF	Freight Dispatcher/Opr/Non-Freight Train Error
D	Freight Train Interference	RL	Human Error, Job Action/Employee No Show
DD	Freight Dispatcher/Opr/Freight Train Error	RO	Human Error, Metra Operator
XD	Train Annulled - Freight Interference	RS	Human Error, NICTD Transportation
4	ACCIDENT	XB	Train Annulled - Engineering Dept.
M1	Right of Way Accident/Misc., Train Ahead	XH	Train Annulled - Mechanical Dept.
М	Right of Way Accident/Misc.	XR	Train Annulled - Transportation Dept.
XM	Train Annulled - Right of Way Accident/Misc.	14	SICK, INJURED, UNRULY PASSENGER
5	PASSENGER LOADING	J1	Passenger Problems/Removal Train Ahead
I1	Passenger Handling, Train Ahead	J	Passenger Problems/Removal
Ι	Passenger Handling, Running Time	JA	Amtrak Passenger Problems/Removal
IB	Passenger Handling, Bicycle	XJ	Train Annulled - Passenger Problem/Removal
6	LIFT DEPLOYMENT	15	WEATHER
U1	Accessibility, Train Ahead	AW	Pass. Train Interference, Weather
U	Accessibility Related (ADA)	BW	Human Error, Eng. Dept. Weather
UF	ADA Lift Failure	CW	M of W Work, Weather
7	OBSTRUCTION/DEBRIS	DW	Freight Train Interference, Weather
K1	Obstruction On Tracks, Train Ahead	EW	Locomotive Malfunction, Weather
K	Obstruction On Tracks	FW	Cab Car/TRL/MU Malfunction, Weather
KD	Obstruction On Tracks, Debris	GW	Signal/Switch Malfunction Weather
KP	Suspicious Package(s)/Person(s)/Activity	HW	Human Error, Mech. Dept., Weather
XK	Train Annulled - Obstruction	IW	Passenger Handling, Weather
8	SIGNAL/SWITCH FAILURE	KW	Obstruction On Tracks, Weather
G1	Signal/Switch Malfunction, Train Ahead	MW	Right of Way Accident/Misc., Weather
G	Signal/Switch Malfunction	NW	ComEd Failure, Weather
GA	Signal/Switch Failure Amtrak	OW	AC/DC System Failure, Weather
GX	Broken Gate Crossing	PW	Late Equipment From Coach Yard, Weather
XG 9	Train Annulled - Signal Dept.	RW UW	Human Error, Transportation, Weather
-	TRACK WORK	-	Accessibility, Weather
C1 C	M of W Work, Train Ahead M of W Work	WW 16	Gas Leak, Weather OTHER
CA	Amtrak Engineering	10 L1	Unauthorized People On Tracks, Train Ahead
CC	Scheduled Track Work	L	Unauthorized People On Tracks, Train Aread
CF	M of W Caused Mechanical Malfunction	N1	ComEd Failure, Train Ahead
CG	Scheduled Signal Work	N	ComEd Failure
СН	Contractor Failure	Q1	Late Issuance of Track Warrant, Train Ahead
10	CATENARY FAILURE	Q	Late Issuance of Track Warrant
CO	Scheduled Wire Work	S1	Operational (Efficiency) Testing, Train Ahead
01	AC/DC System Failure, Train Ahead	S	Operational (Efficiency) Testing
0	AC/DC System Failure	T1	Property Vandalism, Train Ahead
xo	Train Annulled - AC/DC Failure	Т	Property Vandalism
11	NON-LOCOMOTIVE EQUIPMENT FAILURE	TG	Vandalism of Gates
F1	Cab Car/TRL/MU Malfunction, Train Ahead	V1	Mech. Prob., Nothing Found, Train Ahead
F	Cab Car/Trailer/MU Malfunction	V	Mechanical Problem Reported, Nothing Found
FA	Amtrak Car Malfunction	W1	Gas Leak, Train Ahead
XF	Train Annulled - B/O Car	W	Gas Leak
12	LOCOMOTIVE FAILURE	XL	Train Annulled - Unauthorized People On Trk
E1	Locomotive Malfunction, Train Ahead	XN	Train Annulled - ComEd Problem
E	Locomotive Malfunction	XQ	Train Annulled - No Track Warrant
EA	Amtrak Locomotive Malfunction	XT	Train Annulled - Vandalism
XE	Train Annulled - Engine Failure	XV	Train Annulled - Mech. Problem, Nothing Found
	0	XW	Train Annulled - Gas Leak
L	7 version	1	

TABLE 5: DELAY CODES SORTED BY CAUSE CATEGORY

11/07/07 version

 $P: \verb|ONTIME\DownloadFromTOPS\[\#Delay_ImportInstructions_\&_Codes_07.xls] instructions_\&_codes \\ 08/15/2008$

WEEKDAY	1	2	3	4	5	8	9	10	11	12	15	16	17	18	19	22	23	24	26	29	30	31	TOTAL
	л Мо		We	4 Th	5 Fr	о Мо		We	Th	Fr			We	Th	Fr			We	Z 0 Fr			We	IUIAL
BNSF	3	3	0	1	12	4	3	4	1	13	19	21	15	2	29	40	16	0	16	12	5	1	220
Elec -ML -BI	4 2	7 3	0 0	1 0	3 0	1 1	2 0	7 4	1 0	5 1	27 3	0 2	2 1	2 0	11 12	25 5	3 1	2 0	20 4	0 0	6 1	3 2	132 42
-SC Heritage	1 2	0	1 0	1	0 0	1 0	2 0	3	0 0	0 0	1 5	5 2	1 2	1 0	7 0	6 5	1	0	4	1	0	3 0	39 28
C	2	1	0	1		0		1	0		5	2	2	0	0	5	4	1	3	1	0	0	
Milw -N -W	12 4	14 0	3 0	0 0	3 1	8 1	3 4	3 1	0 4	10 0	6 0	20 5	9 1	12 8	9 5	22 23	21 13	18 5	16 10	1 1	14 0	6 6	210 92
NCS	8	9	0	0	1	2	4	2	0	1	2	2	5	3	1	11	4	5	4	0	1	0	65
RI	3	5	4	5	7	6	3	7	3	4	6	1	5	6	15	26	14	7	18	3	2	1	151
SWS	5	1	1	2	2	3	6	2	0	0	5	0	0	4	4	12	6	7	9	2	0	0	71
UP -N -NW -W	2 7 <u>2</u>	0 0 <u>1</u>	1 0 <u>2</u>	1 11 <u>1</u>	3 8 <u>4</u>	0 2 <u>0</u>	3 18 <u>0</u>	8 0 <u>0</u>	1 4 <u>0</u>	4 0 <u>0</u>	5 2 <u>1</u>	6 4 <u>2</u>	0 0 <u>0</u>	2 2 <u>0</u>	12 2 <u>5</u>	19 14 <u>27</u>	6 5 <u>11</u>	2 1 <u>6</u>	11 24 <u>31</u>	$\begin{array}{c} 0 \\ 0 \\ \underline{1} \end{array}$	0 5 <u>4</u>	0 1 <u>1</u>	86 110 <u>99</u>
SYSTEM	55	44	12	24	44	29	48	42	14	38	82	70	41	42	112	235	105	54	170	22	38	24	1,345
SATURDAY	6	13	20	27		т	OT	AT		1	CI		A X7/			AY	7	14	21	25	20		TOTAL
						1							A 17			AI							
BNSF	1	0	2	2				5			BL	ISF					0	0	5	0	2		7
Elec -ML	0	0	0	0				0			El		-ML				3	1	0	0	0		4
-BI -SC	0 0	1 0	1 0	0 0				2 0					-BI -SC				-0	-0	-1	0	-0		- 1
Heritage	-	-	-	-				-			He	rita	ge				-	-	-	-	-		-
Milw -N -W	3 1	0 2	4 0	7 9				14 12			Mi	ilw	-N -W				0 1	1 0	6 6	2 0	3 1		12 8
NCS	-	-	-	-				-			N	CS					-	-	-	-	-		-0
	4	3	1	2				10			RI						6	3	6	0	1		16
RI								_			SV	VS					-	-	-	-	-		-
RI SWS	-	-	-	-																			
	- 2 2 2	- 1 3 <u>0</u>	- 2 5 <u>1</u>	- 3 4 <u>4</u>				8 14 <u>7</u>			UI		-N -NW -W	,			0 0 <u>3</u>	0 1 <u>0</u>	5 6 <u>7</u>	1 0 <u>0</u>	0 1 <u>6</u>		6 8 <u>16</u>

TABLE 6: NUMBER OF DELAYS BY DATEDecember 2008

Data is final (01/13/09) version from TOPS.

 $P:\label{eq:ontime} P:\label{eq:ontime} P:\l$

														1
			Electric			Mil						ion Pacif		ļ
CAUSE CATEGORY	BNSF	ML	BI	SC	HER	Ν	W	NCS	RI	SWS	Ν	NW	W	SYSTEM
Passenger Train Interference	9	10	0	1	1	26	5	1	7	2	1	2	0	65
Freight Interference - Peak	3	0	0	0	4	3	5	4	0	3	0	3	0	25
Freight Interference - Off-Peak	2	0	0	0	0	5	4	6	5	10	2	1	4	39
Freight Interference - Total	5	0	0	0	4	8	9	10	5	13	2	4	4	64
Accident	0	0	0	0	0	17	5	9	15	2	0	22	13	83
Passenger Loading	8	7	6	2	0	12	1	3	27	0	11	6	4	87
Lift Deployment	0	1	0	0	0	5	5	0	10	0	0	2	0	23
Obstruction/Debris	5	0	0	3	0	1	0	0	4	0	1	9	0	23
Signal/Switch Failure	32	14	2	5	7	37	14	9	13	14	5	16	3	171
Track Work	29	7	1	3	0	5	2	1	0	0	0	0	8	56
Catenary Failure	0	3	3	5	0	0	0	0	0	0	0	0	0	11
Non-Locomotive Equipment Failure	0	3	5	2	1	2	1	0	3	0	0	0	0	17
Locomotive Failure	19	1	0	0	0	8	0	0	9	3	0	0	0	40
Human Error	24	3	1	6	3	8	2	2	5	4	7	3	2	70
Sick, Injured, Unruly Passenger	3	0	0	1	0	9	1	1	5	0	3	5	1	29
Weather	92	85	26	12	12	82	49	28	70	33	58	52	84	683
Other	6	2	0	0	0	16	18	1	4	0	12	11	3	73
TOTAL TRAINS DELAYED	232	136	44	40	28	236	112	65	177	71	100	132	122	1,495

TABLES 7.a, 7.b & 7.c: FREQUENCY OF TRAIN DELAYS BY CAUSE AND LINE December 2008

December - Average Over Previous Five Years: 2003-2007

]	Electric			Mil	w				Un	ion Pacifi	ic	
CAUSE CATEGORY	BNSF	ML	BI	SC	HER	N	W	NCS	RI	SWS	Ν	NW	W	SYSTEM
Passenger Train Interference	5	2	1	1	0	7	6	2	3	0	1	1	2	30
Freight Interference - Peak	7	0	0	0	3	2	1	2	3	6	1	4	12	41
Freight Interference - Off-Peak	13	0	0	0	0	9	5	1	4	7	0	2	29	72
Freight Interference - Total	20	0	0	0	3	11	6	3	7	13	1	6	41	112
Accident	17	0	1	0	0	3	9	1	2	0	8	2	3	47
Passenger Loading	15	2	1	1	0	17	8	0	13	0	10	5	10	83
Lift Deployment	1	0	0	0	0	3	1	1	4	0	1	1	2	15
Obstruction/Debris	5	1	1	3	1	7	6	0	7	2	1	11	3	47
Signal/Switch Failure	23	3	1	2	3	12	19	4	8	3	4	5	9	93
Track Work	7	1	0	3	0	7	2	2	5	0	2	2	1	32
Catenary Failure	0	1	0	2	0	0	0	0	0	0	0	0	0	4
Non-Locomotive Equipment Failure	0	2	1	0	0	1	0	0	1	1	0	1	1	8
Locomotive Failure	11	0	0	0	0	5	4	2	8	1	3	3	3	40
Human Error	15	1	1	1	0	4	6	2	10	1	8	5	6	59
Sick, Injured, Unruly Passenger	2	6	1	1	0	2	5	0	3	0	1	3	1	26
Weather	11	8	3	4	1	35	15	6	20	4	9	10	12	138
Other	1	1	0	1	0	3	4	0	4	0	3	3	2	21
TOTAL TRAINS DELAYED	134	27	10	18	8	118	92	22	94	26	50	59	97	756

December 2008 Divergence From December Average Over Previous Five Years

]	Electric			Mil	w				Un	ion Pacifi	ic	
CAUSE CATEGORY	BNSF	ML	BI	SC	HER	Ν	W	NCS	RI	SWS	Ν	NW	W	SYSTEM
Passenger Train Interference	4	8	-1	0	1	19	-1	-1	4	2	0	1	-2	35
Freight Interference - Peak	-4	0	0	0	1	1	4	2	-3	-3	-1	-1	-12	-16
Freight Interference - Off-Peak	-11	0	0	0	0	-4	-1	5	1	3	2	-1	-25	-33
Freight Interference - Total	-15	0	0	0	1	-3	3	7	-2	0	1	-2	-37	-48
Accident	-17	0	-1	0	0	14	-4	8	13	2	-8	20	10	36
Passenger Loading	-7	5	5	1	0	-5	-7	3	14	0	1	1	-6	4
Lift Deployment	-1	1	0	0	0	2	4	-1	6	0	-1	1	-2	8
Obstruction/Debris	0	-1	-1	0	-1	-6	-6	0	-3	-2	0	-2	-3	-24
Signal/Switch Failure	9	11	1	3	4	25	-5	5	5	11	1	11	-6	78
Track Work	22	6	1	0	0	-2	0	-1	-5	0	-2	-2	7	24
Catenary Failure	0	2	3	3	0	0	0	0	0	0	0	0	0	7
Non-Locomotive Equipment Failure	0	1	4	2	1	1	1	0	2	-1	0	-1	-1	9
Locomotive Failure	8	1	0	0	0	3	-4	-2	1	2	-3	-3	-3	0
Human Error	9	2	0	5	3	4	-4	0	-5	3	-1	-2	-4	11
Sick, Injured, Unruly Passenger	1	-6	-1	0	0	7	-4	1	2	0	2	2	0	3
Weather	81	77	23	8	11	47	34	22	50	29	49	42	72	545
Other	5	1	0	-1	0	13	14	1	0	0	9	8	1	52
TOTAL TRAINS DELAYED	98	109	34	22	20	118	20	43	83	45	50	73	25	739
Data for current month is final (01/13/	(19) versio	n from TO	PS.						P-\ONTIME\	report\[Delay	sByCause16C	ats xls]LastM	onthByLin	01/13/2009

Data for current month is final (01/13/09) version from TOPS.

P:\ONTIME\report\[DelaysByCause16Cats.xls]LastMonthByLine 01/13/2009

]	Electric			Mil	w				Un	ion Pacif	ic	
CAUSE CATEGORY	BNSF	ML	BI	SC	HER	Ν	W	NCS	RI	SWS	Ν	NW	W	SYSTEM
Passenger Train Interference	16	57	15	12	5	36	15	7	18	11	38	14	14	258
Freight Interference - Peak	90	1	0	0	71	12	27	31	22	43	10	23	39	369
Freight Interference - Off-Peak	87	0	0	0	0	86	38	34	60	119	25	37	253	739
Freight Interference - Total	177	1	0	0	71	98	65	65	82	162	35	60	292	1,108
Accident	103	10	2	6	0	82	51	35	36	3	29	58	36	451
Passenger Loading	99	49	33	33	0	110	57	4	98	0	623	98	66	1,270
Lift Deployment	10	2	0	0	1	49	27	9	59	1	14	29	15	216
Obstruction/Debris	23	5	3	23	2	18	32	15	26	11	30	73	57	318
Signal/Switch Failure	315	112	15	38	49	216	98	65	85	105	92	145	160	1,495
Track Work	210	76	12	53	7	36	28	5	48	27	47	34	110	693
Catenary Failure	0	26	12	18	0	0	0	0	0	0	0	0	0	56
Non-Locomotive Equipment Failure	38	46	30	15	1	13	5	0	5	7	15	17	6	198
Locomotive Failure	95	2	0	1	5	102	39	24	64	18	27	22	38	437
Human Error	119	33	11	12	10	64	39	10	70	27	115	72	68	650
Sick, Injured, Unruly Passenger	51	32	3	14	2	53	23	6	44	1	45	47	19	340
Weather	199	158	47	41	17	148	110	41	143	44	182	184	131	1,445
Other	48	18	7	4	5	40	34	18	108	16	46	55	69	468
TOTAL TRAINS DELAYED	1,503	627	190	270	175	1,065	623	304	886	433	1,338	908	1,081	9,403

TABLES 8.a, 8.b & 8.c: FREQUENCY OF TRAIN DELAYS BY CAUSE AND LINE **January-December 2008**

January-December - Average Over Previous Five Years: 2003-2007

]	Electric			Mil	w				Un	ion Pacifi	ic	
CAUSE CATEGORY	BNSF	ML	BI	SC	HER	Ν	W	NCS	RI	SWS	Ν	NW	W	SYSTEM
Passenger Train Interference	38	22	9	8	5	66	48	22	22	12	4	8	14	277
Freight Interference - Peak	96	0	0	0	52	20	24	28	23	43	5	27	89	407
Freight Interference - Off-Peak	123	0	1	0	0	98	50	29	38	70	8	25	280	723
Freight Interference - Total	220	0	1	0	52	118	74	58	60	114	13	52	369	1,130
Accident	103	5	5	14	2	34	56	13	35	10	26	54	44	401
Passenger Loading	73	59	26	21	0	101	45	5	127	0	144	43	56	702
Lift Deployment	16	1	0	0	1	36	18	8	30	1	8	7	24	149
Obstruction/Debris	87	15	12	31	4	46	45	9	38	10	22	45	39	403
Signal/Switch Failure	182	85	18	20	23	155	151	60	76	54	26	57	117	1,025
Track Work	62	56	8	62	3	62	44	23	47	10	58	28	29	494
Catenary Failure	0	37	10	19	0	0	0	0	1	0	0	0	0	67
Non-Locomotive Equipment Failure	22	27	12	9	0	8	9	2	15	2	15	5	15	141
Locomotive Failure	83	1	0	0	3	53	50	12	65	6	26	34	32	364
Human Error	131	40	13	17	4	68	72	17	97	18	56	65	43	642
Sick, Injured, Unruly Passenger	31	43	8	8	1	31	28	4	31	2	24	28	20	258
Weather	82	59	25	17	8	118	68	22	89	26	49	56	64	684
Other	47	23	6	7	2	37	23	6	31	5	30	36	27	280
TOTAL TRAINS DELAYED	1,177	474	153	233	108	933	732	261	763	269	502	519	894	7,017

January-December 2008 Divergence From January-December Average Over Previous Five Years

]	Electric			Mi	w				Un	ion Pacifi	ic	
CAUSE CATEGORY	BNSF	ML	BI	SC	HER	Ν	W	NCS	RI	SWS	Ν	NW	W	SYSTEM
Passenger Train Interference	-22	35	6	4	0	-30	-33	-15	-4	-1	34	6	0	-19
Freight Interference - Peak	-6	1	0	0	19	-8	3	3	-1	0	5	-4	-50	-38
Freight Interference - Off-Peak	-36	0	-1	0	0	-12	-12	5	22	49	17	12	-27	16
Freight Interference - Total	-43	1	-1	0	19	-20	-9	7	22	48	22	8	-77	-22
Accident	0	5	-3	-8	-2	48	-5	22	1	-7	3	4	-8	50
Passenger Loading	26	-10	7	12	0	9	12	-1	-29	0	479	55	10	568
Lift Deployment	-6	1	0	0	0	13	9	1	29	0	6	22	-9	67
Obstruction/Debris	-64	-10	-9	-8	-2	-28	-13	6	-12	1	8	28	18	-85
Signal/Switch Failure	133	27	-3	18	26	61	-53	5	9	51	66	88	43	470
Track Work	148	20	4	-9	4	-26	-16	-18	1	17	-11	6	81	199
Catenary Failure	0	-11	2	-1	0	0	0	0	-1	0	0	0	0	-11
Non-Locomotive Equipment Failure	16	19	18	6	1	5	-4	-2	-10	5	0	12	-9	57
Locomotive Failure	12	1	0	1	2	49	-11	12	-1	12	1	-12	6	73
Human Error	-12	-7	-2	-5	6	-4	-33	-7	-27	9	59	7	25	8
Sick, Injured, Unruly Passenger	20	-11	-5	6	1	22	-5	2	13	-1	21	19	-1	82
Weather	117	99	22	24	9	30	42	19	54	18	133	128	67	761
Other	1	-5	1	-3	3	3	11	12	77	11	16	19	42	188
TOTAL TRAINS DELAYED	326	153	37	37	67	132	-109	43	123	164	836	389	187	2,386
Data for current month is final (01/13/	(19) versio	n from TO	PS						P-\ONT	IME\renort\[]	DelaysByCaus	sel6Cats.xlsl	TDBvI in	01/13/2009

Data for current month is final (01/13/09) version from TOPS.

P:\ONTIME\report\[DelaysByCause16Cats.xls]YTDByLine 01/13/2009

TABLES 9.a & 9.b: FREQUENCY OF TRAIN DELAYS BY CAUSE & MONTH

2008

					2000									
CAUSE CATEGORY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan -	- Dec
Passenger Train Interference	30	30	17	7	3	6	8	4	47	25	16	65	258	2.7%
Freight Interference - Peak	29	38	27	30	17	35	28	23	48	43	26	25	369	3.9%
Freight Interference - Off-Peak	71	81	78	51	46	39	47	59	87	91	50	39	739	7.9%
Freight Interference - Total	100	119	105	81	63	74	75	82	135	134	76	64	1,108	11.8%
Accident	81	33	36	34	57	44	11	16	39	2	15	83	451	4.8%
Passenger Loading	72	76	80	22	62	193	203	188	78	92	117	87	1,270	13.5%
Lift Deployment	24	14	18	20	15	15	16	26	16	12	17	23	216	2.3%
Obstruction/Debris	46	55	18	21	10	40	30	7	15	24	29	23	318	3.4%
Signal/Switch Failure	174	99	124	128	83	94	90	108	149	106	169	171	1,495	15.9%
Track Work	19	11	24	54	35	73	61	67	52	122	119	56	693	7.4%
Catenary Failure	16	2	5	0	2	0	0	1	9	2	8	11	56	0.6%
Non-Locomotive Equipment Failure	55	15	10	9	6	14	14	15	12	21	10	17	198	2.1%
Locomotive Failure	39	44	34	45	9	24	43	41	32	31	55	40	437	4.6%
Human Error	57	58	39	30	46	52	65	77	39	78	39	70	650	6.9%
Sick, Injured, Unruly Passenger	43	25	18	21	20	29	38	20	21	43	33	29	340	3.6%
Weather	173	277	32	10	10	23	29	131	25	11	41	683	1,445	15.4%
Other	25	43	22	39	19	33	15	22	54	107	16	73	468	5.0%
TOTAL TRAINS DELAYED	954	901	582	521	440	714	698	805	723	810	760	1,495	9,403	100%

Data for current month is final (01/13/09) version from TOPS.

					2007	7								
CAUSE CATEGORY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan -	- Dec
Passenger Train Interference	15	33	23	9	27	20	17	24	12	12	19	26	237	2.7%
Freight Interference - Peak	22	41	35	28	18	44	14	27	33	22	39	23	346	3.9%
Freight Interference - Off-Peak	51	92	91	81	77	64	52	72	54	55	61	66	816	9.3%
Freight Interference - Total	73	133	126	109	95	108	66	99	87	77	100	89	1,162	13.2%
Accident	29	28	8	2	3	40	13	56	37	32	54	63	365	4.2%
Passenger Loading	38	22	52	15	55	153	335	127	56	37	61	92	1,043	11.9%
Lift Deployment	9	26	9	8	11	16	14	9	7	11	10	19	149	1.7%
Obstruction/Debris	25	49	25	33	33	22	21	55	20	34	15	34	366	4.2%
Signal/Switch Failure	64	267	60	67	85	68	63	95	116	59	79	122	1,145	13.1%
Track Work	31	24	22	56	50	97	114	126	134	86	43	47	830	9.5%
Catenary Failure	0	0	4	3	26	5	5	1	6	3	0	0	53	0.6%
Non-Locomotive Equipment Failure	11	31	17	11	10	5	12	14	6	10	16	5	148	1.7%
Locomotive Failure	26	26	39	14	45	43	13	36	34	29	24	62	391	4.5%
Human Error	54	98	107	54	82	55	45	83	70	79	55	67	849	9.7%
Sick, Injured, Unruly Passenger	23	23	17	32	19	28	32	34	33	26	22	48	337	3.8%
Weather	30	542	25	53	0	28	35	264	12	30	14	224	1,257	14.3%
Other	22	52	48	31	25	51	42	23	26	31	64	25	440	5.0%
TOTAL TRAINS DELAYED	450	1,354	582	497	566	739	827	1,046	656	556	576	923	8,772	100%

 $P:\label{eq:ontime} P:\label{eq:ontime} P:\l$ 01/13/2009

			Mil					Un	ion Pacif		
	BNSF	HER	N	W	NCS	RI	SWS	Ν	NW	W	SYSTEM
Jan-07	24	0	2	0	9	3	3	0	4	28	73
Feb-07	23	5	19	16	5	10	8	2	5	40	133
Mar-07	26	8	21	9	13	3	7	0	4	35	126
Apr-07	18	6	13	16	12	6	7	0	5	26	109
May-07	12	6	3	3	11	5	11	1	1	42	95
Jun-07	13	6	6	7	9	4	8	1	2	52	108
Jul-07	7	3	9	2	3	5	8	1	1	26	65
Aug-07	9	4	7	4	3	9	13	1	2	47	99
Sep-07	4	3	16	8	10	5	6	5	0	30	87
Oct-07	10	5	14	3	10	1	13	1	2	18	77
Nov-07	16	3	12	4	1	2	14	3	25	20	100
Dec-07	2	3	14	5	8	9	12	1	1	34	89
Total	164	52	136	77	94	62	110	16	52	398	1,161
Jan-08	24	4	11	2	3	11	10	3	11	21	100
Feb-08	17	9	4	8	9	7	8	8	12	36	118
Mar-08	10	14	8	3	2	2	16	3	6	41	105
Apr-08	4	5	8	15	6	4	18	0	2	19	81
May-08	10	5	10	2	2	6	11	3	0	14	63
Jun-08	8	4	9	7	17	8	10	0	4	7	74
Jul-08	12	4	10	5	4	9	6	2	3	20	75
Aug-08	15	6	10	3	3	5	12	2	1	25	82
Sep-08	35	4	8	2	7	9	17	3	8	42	135
Oct-08	28	7	7	5	1	10	26	8	0	42	134
Nov-08	9	5	5	4	1	6	15	1	9	21	76
Dec-08	5	4	8	9	10	5	13	2	4	4	64
Total	177	71	98	65	65	82	162	35	60	292	1,107

TABLE 10: FREIGHT DELAYS ON METRA DIESEL LINES
between January 2007 and December 2008

Data for current month is final (01/13/09) version from TOPS.

 $P:\ONTIME\report\[DelaysByCause16Cats.xls]Freight-\ YTD, 2\ yrs\ 01/13/2009$

													, 1 1 1	% of All
													Lift	
													Delays	Delays
LINE	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD	YTD
BNSF	1	1	3	0	0	1	0	0	0	2	2	0	10	0.67%
Electric ML	0	0	0	0	0	0	0	0	1	0	0	1	2	0.32%
Electric BI	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%
Electric SC	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%
HER	0	0	0	0	0	0	0	1	0	0	0	0	1	0.57%
Milw N	2	0	3	4	6	1	8	12	2	3	3	5	49	4.60%
Milw W	1	2	2	1	1	3	8	3	1	0	0	5	27	4.33%
NCS	2	1	0	2	1	0	0	1	2	0	0	0	9	2.96%
RI	9	4	5	0	5	6	0	4	3	2	11	10	59	6.66%
SWS	0	0	0	1	0	0	0	0	0	0	0	0	1	0.23%
UP N	3	2	2	0	0	1	0	1	3	1	1	0	14	1.05%
UP NW	3	3	2	9	0	3	0	2	2	3	0	2	29	3.19%
UP W	3	1	1	3	2	0	0	2	2	1	0	0	15	1.39%
Total Lift Delays	24	14	18	20	15	15	16	26	16	12	17	23	216	2.30%
ALL DELAYS														9,403

TABLES 11.a & 11.b: FREQUENCY OF LIFT-DEPLOYMENT TRAIN DELAYS BY LINE & MONTH2008

Data for current month is final (01/13/09) version from TOPS.

						20	.01							
													Lift	% of All
													Delays	Delays
LINE	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	All Year	All Year
BNSF	1	1	1	2	2	0	0	1	2	0	0	2	12	1.07%
Electric ML	0	0	0	0	0	0	1	0	0	0	0	0	1	0.13%
Electric BI	0	0	0	0	0	0	0	0	0	1	0	0	1	0.52%
Electric SC	0	1	0	0	0	0	0	1	0	0	0	0	2	0.56%
HER	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%
Milw N	1	3	4	1	3	6	3	0	0	7	3	5	36	3.20%
Milw W	1	2	0	3	0	0	3	1	0	0	1	2	13	1.79%
NCS	0	3	1	0	0	0	1	0	0	0	0	0	5	1.64%
RI	4	3	1	1	2	8	4	3	2	0	2	5	35	3.13%
SWS	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%
UP N	1	9	0	1	1	0	0	1	1	0	0	0	14	1.58%
UP NW	0	0	1	0	2	1	0	0	0	0	0	2	6	0.80%
UP W	1	4	1	0	1	1	2	2	2	3	4	3	24	2.36%
Total Lift Delays	9	26	9	8	11	16	14	9	7	11	10	19	149	1.70%
ALL DELAYS														8,772

2007

01/13/2009

	December 2008														
Minutes	BNSF		Electric		Her	Milwa	aukee	NCS	RI	SWS		UP		System	
		ML	BI	SC		Ν	W				Ν	NW	W		
Peak *															
6-10	53	43	9	8	8	44	28	15	31	3	16	13	14	285	
11-15	35	20	3	3	3	14	13	11	18	6	10	17	15	168	
16-20	19	13	1	0	10	19	6	7	4	3	6	16	6	110	
21+	53	25	4	2	5	16	7	6	10	7	8	28	8	179	
Annulled	<u>5</u>	<u>3</u>	<u>3</u>	<u>2</u>	<u>2</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>3</u>	<u>1</u>	<u>0</u>	<u>2</u>	<u>3</u>	<u>24</u>	
Sub-Total	165	104	20	15	28	93	54	39	66	20	40	76	46	766	
Off-Peak *	*														
6-10	21	13	16	13	0	68	20	9	70	21	34	21	22	328	
11-15	14	8	3	2	0	29	10	3	17	14	14	16	17	147	
16-20	6	0	1	4	0	17	13	3	8	1	4	3	13	73	
21+	20	11	3	1	0	27	12	11	15	15	8	16	20	159	
Annulled	<u>6</u>	<u>0</u>	<u>1</u>	<u>5</u>	<u>0</u>	<u>2</u>	<u>3</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>	4	<u>22</u>	
Sub-Total	67	32	24	25	0	143	58	26	111	51	60	56	76	729	
December .	2008 Tota	al													
6-10	74	56	25	21	8	112	48	24	101	24	50	34	36	613	
11-15	49	28	6	5	3	43	23	14	35	20	24	33	32	315	
16-20	25	13	2	4	10	36	19	10	12	4	10	19	19	183	
21+	73	36	7	3	5	43	19	17	25	22	16	44	28	338	
Annulled	<u>11</u>	<u>3</u>	<u>4</u>	<u>7</u>	<u>2</u>	<u>2</u>	<u>3</u>	<u>0</u>	<u>4</u>	<u>1</u>	<u>0</u>	<u>2</u>	7	<u>46</u>	
TOTAL	232	136	44	40	28	236	112	65	177	71	100	132	122	1,495	
2008 Year-	to-Date														
6-10	667	325	117	148	77	495	277	132	542	199	776	374	441	4,570	
11-15	305	107	28	46	38	243	153	71	159	95	240	195	249	1,929	
16-20	170	59	11	24	25	96	65	30	71	52	133	120	135	991	
21+	298	127	29	36	28	199	103	68	93	83	160	201	222	1,647	
Annulled	<u>63</u>	<u>9</u>	<u>5</u>	<u>16</u>	<u>7</u>	<u>32</u>	<u>25</u>	<u>3</u>	<u>21</u>	<u>4</u>	<u>29</u>	<u>18</u>	<u>34</u>	<u>266</u>	
TOTAL	1,503	627	190	270	175	1,065	623	304	886	433	1,338	908	1,081	9,403	
		PEF	RCENT	СОМР	OSITIC)N OF I	DELAY	S BY R	ANGE	OF DU	RATIO	N			
	PERCENT COMPOSITION OF DELAYS BY RANGE OF DURATION														
Minutes	BNSF		Electric		Her	Milwa		NCS	RI	SWS		UP		System	
		ML	BI	SC		N	W				Ν	NW	W		
December .															
6-10	31.9%	41.2%	56.8%	52.5%	28.6%	47.5%	42.9%	36.9%	57.1%	33.8%	50.0%	25.8%	29.5%		
11-15	21.1%	20.6%	13.6%	12.5%	10.7%	18.2%	20.5%		19.8%	28.2%	24.0%	25.0%	26.2%	21.1%	
16-20	10.8%	9.6%	4.5%	10.0%	35.7%	15.3%	17.0%	15.4%	6.8%	5.6%	10.0%	14.4%	15.6%	12.2%	
21+	31.5%	26.5%	15.9%	7.5%	17.9%	18.2%	17.0%	26.2%	14.1%	31.0%	16.0%	33.3%	23.0%	22.6%	
Annulled	<u>4.7%</u>	<u>2.2%</u>	<u>9.1%</u>	<u>17.5%</u>	<u>7.1%</u>	<u>0.8%</u>	<u>2.7%</u>	0.0%	<u>2.3%</u>	<u>1.4%</u>	0.0%	<u>1.5%</u>	<u>5.7%</u>	<u>3.1%</u>	
TOTAL	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
2008 Year-	to-Date														
6-10	44.4%	51.8%	61.6%	54.8%	44.0%	46.5%	44.5%	43.4%	61.2%	46.0%	58.0%	41.2%	40.8%	48.6%	
11-15	20.3%	17.1%	14.7%	17.0%	21.7%	22.8%	24.6%	23.4%	17.9%	21.9%	17.9%	21.5%	23.0%	20.5%	
16-20	11.3%	9.4%	5.8%	8.9%	14.3%	9.0%	10.4%	9.9%	8.0%	12.0%	9.9%	13.2%	12.5%	10.5%	
21+	19.8%	20.3%	15.3%	13.3%	16.0%	18.7%	16.5%	22.4%	10.5%	19.2%	12.0%	22.1%	20.5%	17.5%	
Annulled	4.2%	<u>1.4%</u>	2.6%	<u>5.9%</u>	4.0%	<u>3.0%</u>	4.0%	1.0%	<u>2.4%</u>	<u>0.9%</u>	2.2%	<u>2.0%</u>	<u>3.1%</u>	<u>2.8%</u>	
TOTAL	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
AT 1 1	als dimension	on trains	operating	during w	eekday p	aak nario	de **In	aludas all	other we	altday.on	d woolcon.	1 4			

TABLE 12: FREQUENCY OF TRAIN DELAYS BY DURATION

December 2008

*Includes peak direction trains operating during weekday peak periods. **Includes all other weekday and weekend trains.

Data for most recent month is final(01/13/09) version from TOPS.

P:\ONTIME\report\[DelaysByDuration.xls]FreqByDuration 1/13/2009

TABLE 13: AVERAGE LENGTH OF DELAY BY SERVICE PERIOD, IN MINUTES

	BNSF	l	Electric			Milwa	aukee	NCS	RI SWS		UP			System
		ML	BI	SC		Ν	W				Ν	NW	W	
December 2	2008													-
Peak *	19.6	17.8	15.9	13.2	16.1	15.9	14.3	14.7	13.8	22.2	15.0	36.2	14.5	18.6
Off-Peak **	19.1	22.8	11.0	11.3		14.9	16.2	19.5	12.1	16.9	13.7	21.5	27.3	17.0
All	19.5	19.0	13.1	12.0	16.1	15.3	15.2	16.6	12.8	18.4	14.2	29.8	22.5	17.9
2008 Year-1	to - Date													
Peak *	17.6	16.1	17.2	13.2	14.2	16.6	13.9	16.0	12.5	14.9	14.3	23.8	15.2	16.4
Off-Peak **	17.1	16.1	12.5	13.6		17.1	15.2	18.7	11.5	15.5	12.8	18.6	18.0	15.6
All	17.4	16.1	14.3	13.5	14.2	16.9	14.6	17.2	11.9	15.3	13.3	21.1	17.0	15.9

Excludes annulled trains, which do not have delay times.

*Includes peak direction trains operating during weekday peak periods. **Includes all other weekday and weekend trains. Data for most recent month is final(01/13/09) version from TOPS.

P:\ONTIME\report\[DelaysByDuration.xls]MinutesByServPeriod 1/13/2009

					DELA	YS				ON-TIME PERFORMANCE						
						2003 -		2007 v	vs. 2008						2003 -	
	2003	2004	2005	2006	2007	2007 Avg	2008	cha	ange	2003	2004	2005	2006	2007	2007 Avg	2008
BNSF	1,133	1,126	1,191	1,312	1,125	1,177.4	1,503	378	33.6%	95.8%	95.8%	95.5%	95.0%	95.8%	95.6%	94.4%
Elec-ML	344	406	340	513	766	473.8	627	-139	-18.1%	98.5%	98.3%	98.6%	97.8%	96.8%	98.0%	97.4%
Elec-BI	93	120	131	230	191	153.0	190	-1	-0.5%	99.2%	98.9%	98.8%	97.9%	98.3%	98.6%	98.3%
Elec-SC	209	174	224	203	355	233.0	270	-85	-23.9%	98.8%	99.0%	98.7%	98.8%	98.0%	98.7%	98.5%
Heritage	90	100	105	109	136	108.0	175	39	28.7%	94.1%	93.5%	93.1%	92.9%	91.1%	93.0%	88.6%
M-N	672	797	975	1,094	1,125	932.6	1,065	-60	-5.3%	96.1%	95.4%	94.4%	93.7%	93.6%	94.6%	94.0%
M-W	532	834	884	680	728	731.6	623	-105	-14.4%	96.9%	95.2%	94.8%	96.0%	95.8%	95.7%	96.4%
NCS	236	242	249	276	304	261.4	304	0	0.0%	90.8%	90.6%	90.2%	94.5%	94.6%	92.2%	94.6%
RI	499	465	1,026	708	1,118	763.2	886	-232	-20.8%	97.4%	97.6%	94.7%	96.3%	94.2%	96.1%	95.4%
SWS	180	178	211	507	269	269.0	433	164	61.0%	95.6%	95.7%	94.8%	93.1%	96.5%	95.1%	94.4%
UP-N	381	353	463	425	886	501.6	1,338	452	51.0%	97.9%	98.0%	97.4%	97.6%	95.4%	97.3%	93.4%
UP-NW	420	417	567	436	752	518.4	908	156	20.7%	97.7%	97.7%	96.9%	97.7%	96.0%	97.2%	95.2%
UP-W	838	815	894	907	1,017	894.2	1,081	64	6.3%	95.0%	95.2%	94.7%	94.7%	94.1%	94.7%	93.7%
SYSTEM	5,627	6,027	7,260	7,400	8,772	7,017.2	9,403	631	7.2%	97.1%	96.9%	96.3%	96.3%	95.7%	96.4%	95.4%

TABLE 14: ANNUAL TRAIN DELAYS AND ON-TIME PERFORMANCE2003 - 2008

Delays data for 2008 is final (01/13/09) version from TOPS.

1/13/2009

 $P:\ONTIME\report\[Delays\&TrainsByServPeriod.xls]YearEnd$

TABLE 15: FREQUENCY OF TRAIN DELAYS BY CAUSE BY LINE2008

Top 2 causes for each line are shaded*														
]	Electric			Mil	w				Un	ion Pacif	ïc	
CAUSE CATEGORY	BNSF	ML	BI	SC	HER	Ν	W	NCS	RI	SWS	Ν	NW	W	SYSTEM
Passenger Train Interference	16	57	15	12	5	36	15	7	18	11	38	14	14	258
Freight Interference - Peak	90	1	0	0	71	12	27	31	22	43	10	23	39	369
Freight Interference - Off-Peak	87	0	0	0	0	86	38	34	60	119	25	37	253	739
Freight Interference - Total	177	1	0	0	71	98	65	65	82	162	35	60	292	1,108
Accident	103	10	2	6	0	82	51	35	36	3	29	58	36	451
Passenger Loading	99	49	33	33	0	110	57	4	98	0	623	98	66	1,270
Lift Deployment	10	2	0	0	1	49	27	9	59	1	14	29	15	216
Obstruction/Debris	23	5	3	23	2	18	32	15	26	11	30	73	57	318
Signal/Switch Failure	315	112	15	38	49	216	98	65	85	105	92	145	160	1,495
Track Work	210	76	12	53	7	36	28	5	48	27	47	34	110	693
Catenary Failure	0	26	12	18	0	0	0	0	0	0	0	0	0	56
Non-Locomotive Equipment Failure	38	46	30	15	1	13	5	0	5	7	15	17	6	198
Locomotive Failure	95	2	0	1	5	102	39	24	64	18	27	22	38	437
Human Error	119	33	11	12	10	64	39	10	70	27	115	72	68	650
Sick, Injured, Unruly Passenger	51	32	3	14	2	53	23	6	44	1	45	47	19	340
Weather	199	158	47	41	17	148	110	41	143	44	182	184	131	1,445
Other	48	18	7	4	5	40	34	18	108	16	46	55	69	468
TOTAL TRAINS DELAYED	1,503	627	190	270	175	1,065	623	304	886	433	1,338	908	1,081	9,403
														01/13/2009

* For calculating top 2 causes, uses "Freight Interference - Total" instead of "... Peak" and "... Off-Peak".

P:\ONTIME\report\[DelaysByCause16Cats.xls]YearEnd_ByLine

TABLE 16: ANNUAL SYSTEM CAUSES OF DELAY2003 to 2008

	20	03	2004		20	05	20	06	2007		2003-2007 Avg		2008	
Cause	Delays	%	Delays	%	Delays	%								
Passenger Train Interference	203	3.6%	234	3.9%	292	4.0%	421	5.7%	237	2.7%	277.4	4.0%	258	2.7%
Freight Interference - Peak	307	5.5%	424	7.0%	459	6.3%	500	6.8%	346	3.9%	407.2	5.8%	369	3.9%
Freight Interference - Off-Peak	623	11.1%	636	10.6%	648	8.9%	892	12.1%	816	9.3%	723.0	10.3%	739	7.9%
Freight Interference - Total	930	16.5%	1,060	17.6%	1,107	15.2%	1,392	18.8%	1,162	13.2%	1,130.2	16.1%	1,108	11.8%
Accident	317	5.6%	499	8.3%	458	6.3%	366	4.9%	365	4.2%	401.0	5.7%	451	4.8%
Passenger Loading	586	10.4%	399	6.6%	766	10.6%	716	9.7%	1,043	11.9%	702.0	10.0%	1,270	13.5%
Lift Deployment	133	2.4%	117	1.9%	171	2.4%	175	2.4%	149	1.7%	149.0	2.1%	216	2.3%
Obstruction/Debris	404	7.2%	368	6.1%	392	5.4%	483	6.5%	366	4.2%	402.6	5.7%	318	3.4%
Signal/Switch Failure	801	14.2%	950	15.8%	1,098	15.1%	1,130	15.3%	1,145	13.1%	1,024.8	14.6%	1,495	15.9%
Track Work	411	7.3%	346	5.7%	449	6.2%	432	5.8%	830	9.5%	493.6	7.0%	693	7.4%
Catenary Failure	68	1.2%	90	1.5%	46	0.6%	76	1.0%	53	0.6%	66.6	0.9%	56	0.6%
Non-Locomotive Equipment Failure	122	2.2%	131	2.2%	174	2.4%	132	1.8%	148	1.7%	141.4	2.0%	198	2.1%
Locomotive Failure	357	6.3%	367	6.1%	391	5.4%	312	4.2%	391	4.5%	363.6	5.2%	437	4.6%
Human Error	623	11.1%	497	8.2%	616	8.5%	626	8.5%	849	9.7%	642.2	9.2%	650	6.9%
Sick, Injured, Unruly Passenger	211	3.7%	254	4.2%	261	3.6%	228	3.1%	337	3.8%	258.2	3.7%	340	3.6%
Weather	265	4.7%	487	8.1%	783	10.8%	630	8.5%	1,257	14.3%	684.4	9.8%	1,445	15.4%
Other	196	3.5%	228	3.8%	256	3.5%	281	3.8%	440	5.0%	280.2	4.0%	468	5.0%
TOTAL TRAINS DELAYED	5,627	100.0%	6,027	100.0%	7,260	100.0%	7,400	100.0%	8,772	100.0%	7,017.2	100.0%	9,403	100.0%

01/13/2009

P:\ONTIME\report\[DelaysByCause16Cats.xls]YearEnd_System

TABLE 17: FREQUENCY OF TRAIN DELAYS BY DURATION

	2003		2004		2005		2006		2007		2003 - 20	007 Avg	2008	
Minutes	Delays	%	Delays	%	Delays	%								
6-10	2,891	51.4%	2,970	49.3%	3,900	53.7%	3,815	51.6%	4,673	53.3%	3,649.8	52.0%	4,570	48.6%
11-15	1,107	19.7%	1,201	19.9%	1,434	19.8%	1,419	19.2%	1,764	20.1%	1,385.0	19.7%	1,929	20.5%
16-20	542	9.6%	607	10.1%	704	9.7%	645	8.7%	786	9.0%	656.8	9.4%	991	10.5%
21+	913	16.2%	1,045	17.3%	1,042	14.4%	1,268	17.1%	1,326	15.1%	1,118.8	15.9%	1,647	17.5%
Annulled	174	3.1%	204	3.4%	180	2.5%	253	3.4%	223	2.5%	206.8	2.9%	266	2.8%
TOTAL	5,627	100.0%	6,027	100.0%	7,260	100.0%	7,400	100.0%	8,772	100.0%	7,017.2	100.0%	9,403	100.0%

Year End 2003 to 2008

1/13/2009

P:\ONTIME\report\[DelaysByDuration.xls]YearEnd

TABLE 18: FREQUENCY OF TRAIN DELAYS BY DURATION AND LINE Year End 2008

Minutes	BNSF		Electric		Her	Milwa	ukee	NCS	RI	SWS		UP		System
		ML	BI	SC		Ν	W				Ν	NW	W	
6-10	667	325	117	148	77	495	277	132	542	199	776	374	441	4,570
11-15	305	107	28	46	38	243	153	71	159	95	240	195	249	1,929
16-20	170	59	11	24	25	96	65	30	71	52	133	120	135	991
21+	298	127	29	36	28	199	103	68	93	83	160	201	222	1,647
Annulled	<u>63</u>	<u>9</u>	<u>5</u>	<u>16</u>	<u>7</u>	<u>32</u>	<u>25</u>	<u>3</u>	<u>21</u>	<u>4</u>	<u>29</u>	<u>18</u>	<u>34</u>	<u>266</u>
TOTAL	1,503	627	190	270	175	1,065	623	304	886	433	1,338	908	1,081	9,403
6-10	44.4%	51.8%	61.6%	54.8%	44.0%	46.5%	44.5%	43.4%	61.2%	46.0%	58.0%	41.2%	40.8%	48.6%
11-15	20.3%	17.1%	14.7%	17.0%	21.7%	22.8%	24.6%	23.4%	17.9%	21.9%	17.9%	21.5%	23.0%	20.5%
16-20	11.3%	9.4%	5.8%	8.9%	14.3%	9.0%	10.4%	9.9%	8.0%	12.0%	9.9%	13.2%	12.5%	10.5%
21+	19.8%	20.3%	15.3%	13.3%	16.0%	18.7%	16.5%	22.4%	10.5%	19.2%	12.0%	22.1%	20.5%	17.5%
Annulled	4.2%	<u>1.4%</u>	<u>2.6%</u>	<u>5.9%</u>	<u>4.0%</u>	<u>3.0%</u>	<u>4.0%</u>	<u>1.0%</u>	2.4%	<u>0.9%</u>	2.2%	<u>2.0%</u>	<u>3.1%</u>	<u>2.8%</u>
TOTAL	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1/13/2009	13/2009 P:\ONTIME\report\[DelaysByDuration.xls]Year											ation.xls]YearEnd		