

COMMUTER RAIL SYSTEM
ON-TIME PERFORMANCE REPORT

September 2008



COMMUTER RAIL ON-TIME PERFORMANCE

September 2008

This report presents an analysis of the September 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 September 2008, Metra operated 16,741 scheduled trains, including 'extras'. 723 of these trains were delayed (late or annulled), representing an on-time performance rate of 95.7%. Table 2 lists on-time percentages by line for each month and year since 2005. Table 3 lists each train that was on time for less than 85% of its weekday runs in September 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 September 2008.

Table 7.a shows the frequency of train delays by delay cause category and by line during September 2008. Table 7.b shows the average frequencies over the previous five Septembers, and Table 7.c shows the differences between Table 7.a and Table 7.b. There were 723 delays systemwide in September 2008, 189 more than the average over the previous five Septembers. Tables 8.a and 8.b display the systemwide frequency of train delays by cause and by month, for 2008 and 2007 respectively. From January through September of 2008, a total of 6,338 trains were delayed, compared to 6,717 trains delayed in the same nine months of 2007.

Table 9 shows, by line and month, all train delays caused by freight operations over the past 24 months. In September 2008 freight operations delayed 135 trains systemwide, compared to 87 a year earlier. Tables 10.a and 10.b display the frequency of lift-deployment train delays by line and month, for 2008 and 2007 respectively. A total of 16 trains were delayed by lift deployment in September 2008.

A review of September 2008 late trains by duration of delay is shown in Table 11. The range with the greatest number of delays as usual was six-to-ten minutes, accounting for 51.0% of all late trains. Table 12 shows that the average length of delay was 17.4 minutes in September 2008. It should be noted that these averages relate only to reportable delays (i.e., trains late by six minutes or more).

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

	Weekdays									Weekends						Total		
	Peak*			Off-Peak**			Total			Saturdays			Sundays & Holidays			Trains Scheduled	Trains Late	Percent On-Time
	Trains Scheduled	Trains Late	Percent On-Time	Trains Scheduled	Trains Late	Percent On-Time	Trains Scheduled	Trains Late	Percent On-Time	Trains Scheduled	Trains Late	Percent On-Time	Trains Scheduled	Trains Late	Percent On-Time			
BNSF	1,141	108	90.5%	840	35	95.8%	1,981	143	92.8%	112	11	90.2%	90	4	95.6%	2,183	158	92.8%
Elec -ML	945	26	97.2%	714	5	99.3%	1,659	31	98.1%	184	1	99.5%	100	1	99.0%	1,943	33	98.3%
-BI	294	7	97.6%	483	11	97.7%	777	18	97.7%	120	0	100.0%		--		897	18	98.0%
-SC	<u>357</u>	<u>9</u>	97.5%	<u>782</u>	<u>21</u>	97.3%	<u>1,139</u>	<u>30</u>	97.4%	<u>192</u>	<u>4</u>	97.9%	<u>100</u>	<u>3</u>	97.0%	<u>1,431</u>	<u>37</u>	97.4%
Subtotal	1,596	42	97.4%	1,979	37	98.1%	3,575	79	97.8%	496	5	99.0%	200	4	98.0%	4,271	88	97.9%
Heritage	126	15	88.1%	1	0	100.0%	127	15	88.2%		--			--		127	15	88.2%
Milw -N	525	19	96.4%	735	24	96.7%	1,260	43	96.6%	96	15	84.4%	100	3	97.0%	1,456	61	95.8%
-W	<u>567</u>	<u>12</u>	97.9%	<u>652</u>	<u>7</u>	98.9%	<u>1,219</u>	<u>19</u>	98.4%	<u>96</u>	<u>3</u>	96.9%	<u>90</u>	<u>2</u>	97.8%	<u>1,405</u>	<u>24</u>	98.3%
Subtotal	1,092	31	97.2%	1,387	31	97.8%	2,479	62	97.5%	192	18	90.6%	190	5	97.4%	2,861	85	97.0%
NCS	231	14	93.9%	231	12	94.8%	462	26	94.4%		--			--		462	26	94.4%
RI	756	29	96.2%	672	33	95.1%	1,428	62	95.7%	80	2	97.5%	80	2	97.5%	1,588	66	95.8%
SWS	231	7	97.0%	407	23	94.3%	638	30	95.3%		--			--		638	30	95.3%
UP -N	630	37	94.1%	840	60	92.9%	1,470	97	93.4%	105	8	92.4%	91	4	95.6%	1,666	109	93.5%
-NW	693	28	96.0%	672	13	98.1%	1,365	41	97.0%	96	1	99.0%	75	6	92.0%	1,536	48	96.9%
-W	<u>567</u>	<u>34</u>	94.0%	<u>672</u>	<u>60</u>	91.1%	<u>1,239</u>	<u>94</u>	92.4%	<u>80</u>	<u>4</u>	95.0%	<u>90</u>	<u>0</u>	100.0%	<u>1,409</u>	<u>98</u>	93.0%
Subtotal	1,890	99	94.8%	2,184	133	93.9%	4,074	232	94.3%	281	13	95.4%	256	10	96.1%	4,611	255	94.5%
SYSTEM	7,063	345	95.1%	7,701	304	96.1%	14,764	649	95.6%	1,161	49	95.8%	816	25	96.9%	16,741	723	95.7%

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

Delays data for most recent month is final (10/16/08) version from TOPS.

P:\ONTIME\report\Delays&TrainsByServPeriod.xls\OTByServPeriod&Line 10/16/08

TABLE 2: ON-TIME PERFORMANCE BY LINE/BRANCH

LINE	YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN-SEP	AVG
BNSF	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	95.7%	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	96.1%	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	95.6%	95.8%
	2008	92.9	94.3	97.0	98.2	97.0	94.3	94.8	94.6	92.8				95.1%	95.1%
Electric	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	98.8%	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	98.1%	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	97.3%	97.5%
	2008	96.4	98.5	98.8	98.3	99.3	98.5	99.2	98.1	97.9				98.3%	98.3%
Heritage	2005	95.2	95.0	96.4	95.2	95.2	95.5	93.3	92.8	90.5	88.9	92.1	87.5	94.4%	93.1%
	2006	94.4	94.2	92.8	92.5	95.5	92.4	91.7	90.6	90.0	92.4	92.9	95.0	92.7%	92.9%
	2007	98.5	80.0	90.2	89.1	87.1	92.1	90.1	89.1	97.4	92.8	96.8	90.8	90.4%	91.1%
	2008	93.9	89.7	83.3	87.2	89.7	92.9	91.7	86.5	88.2				89.3%	89.3%
Milw - N	2005	90.4	98.4	97.5	95.4	95.7	94.3	92.4	95.8	95.6	97.7	91.3	88.3	95.0%	94.4%
	2006	92.7	97.3	95.6	97.1	93.9	93.5	90.6	95.4	94.2	92.8	89.3	92.6	94.4%	93.7%
	2007	96.0	89.5	95.6	94.0	96.0	93.0	92.0	95.0	94.1	95.2	93.7	88.1	93.9%	93.6%
	2008	96.1	92.6	96.4	95.8	95.6	95.0	93.3	93.1	95.8				94.9%	94.9%
Milw - W	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	95.5%	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	95.9%	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	95.5%	95.8%
	2008	94.5	96.6	97.1	97.4	97.8	97.8	96.1	94.1	98.3				96.6%	96.6%
NCS	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	90.7%	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	95.5%	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	94.1%	94.6%
	2008	93.4	94.4	97.4	95.1	95.0	91.3	96.5	97.4	94.4				95.0%	95.0%
RI	2005	96.6	98.6	97.9	98.0	96.3	93.7	94.2	97.4	93.8	86.5	91.8	91.6	96.3%	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	96.5%	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%
	2008	95.5	95.6	94.5	98.8	97.6	96.4	96.5	96.9	95.8				96.4%	96.4%
SWS	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	95.4%	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	96.9%	96.5%
	2008	93.5	96.3	95.1	94.4	95.4	95.7	98.3	93.5	95.3				95.3%	95.3%
UP - N	2005	94.0	99.6	99.0	99.5	98.8	96.6	96.3	93.7	97.6	96.7	98.4	99.0	97.2%	97.4%
	2006	98.5	98.1	98.8	97.0	99.5	98.3	95.6	95.8	97.8	98.7	96.7	96.6	97.7%	97.6%
	2007	98.0	92.8	97.9	98.5	97.4	93.9	93.5	89.8	96.8	97.6	96.8	92.6	95.3%	95.4%
	2008	91.9	89.4	95.1	95.5	97.1	90.9	92.2	89.9	93.5				92.8%	92.8%
UP - NW	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	97.1%	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	98.0%	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	95.9%	96.0%
	2008	91.9	91.8	97.1	96.5	96.8	95.5	95.1	97.1	96.9				95.4%	95.4%
UP - W	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	94.9%	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	94.6%	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	94.0%	94.1%
	2008	95.2	90.4	93.7	94.5	96.9	95.4	95.3	94.5	93.0				94.3%	94.3%
SYSTEM (not including South Shore)	2000	96.7	97.0	98.1	98.3	97.7	97.0	96.4	96.7	97.7	97.3	97.1	81.9	97.3%	96.0%
	2001	95.1	97.5	98.0	97.7	97.4	96.1	95.0	95.6	96.9	97.0	97.6	97.4	96.6%	96.8%
	2002	97.0	97.7	96.8	97.1	95.9	95.1	96.0	96.1	97.7	95.9	96.2	96.3	96.6%	96.5%
	2003	97.2	97.4	97.3	97.3	98.0	96.5	96.2	96.4	97.5	96.8	97.4	97.3	97.1%	97.1%
	2004	96.1	96.9	97.9	97.7	97.3	96.8	96.9	97.7	96.9	96.6	96.4	95.8	97.1%	96.9%
	2005	94.6	97.9	97.7	98.0	97.3	95.3	96.4	95.9	96.7	95.9	95.1	94.4	96.6%	96.3%
	2006	96.2	97.2	97.1	97.4	97.1	96.5	95.2	96.0	96.3	95.7	95.5	95.3	96.6%	96.3%
	2007	97.4	91.4	96.6	97.0	96.7	95.6	95.2	94.2	95.8	96.9	96.5	94.4	95.6%	95.7%
	2008	94.5	94.5	96.6	97.0	97.4	95.7	96.0	95.3	95.7				95.9%	95.9%

Delays data for most recent month is final (10/16/08) version from TOPS.

P:\(ONTIME)\report\Delays&TrainsByServPeriod.xls\OTP line&month - 4 yrs 10/16/2008

**TABLE 3: LIST OF WEEKDAY TRAINS LESS THAN 85% ON-TIME
September 2008**

Line	Train	Date	Minutes Delay		Delay Explanation
			Late	Code	
BNSF	1210 81% OT	Tue, Sep 09	9	V	DIL OUT ON CAR #7110
		Wed, Sep 10	12	R	DOOR INDICATOR LIGHTS , NEW DOOR PRCEDURES
		Thu, Sep 11	10	I	HVY PSGR LDG/UNLDG
		Tue, Sep 16	9	GX	GATE BROKEN OFF AND WAS INSTRUCTED TO LEAVE A FLAGMAN
BNSF	1267 81% OT	Thu, Sep 11	8	E1	1255/1284 DISABLED ON MT2 AT FVW
		Fri, Sep 12	10	GA	LATE EQ DUE TO TRACK CHANGES AND TRAFFIC
		Tue, Sep 23	7	C	10MPH S/R MT 2 MP 17.5 TO 17.7
		Wed, Sep 24	67	M	1253 STRUCK TRESPASSER AT MP 5.92
BNSF	1271 81% OT	Thu, Sep 11	9	GA	SWITCH AND SIGNAL PROBLEMS AT CUS
		Fri, Sep 19	7	A	FOLLOWED 1277 AT NAPERVILLE
		Tue, Sep 23	7	C	10MPH S/R MT2 MP 17.5 TO 17.7
		Wed, Sep 24	85	M	1253 STRUCK TRESPASSER AT MP 5.92
BNSF	1273 62% OT	Thu, Sep 11	34	GA	SWITCH AND SIGNAL PROBLEMS AT CUS
		Fri, Sep 12	11	GA	FOLLOWED 1279 DG TO LISLE
		Mon, Sep 15	8	GA	LATE FLIP 1274
		Tue, Sep 16	8	I	PSGR LDG WITH 1275 AHEAD
		Wed, Sep 17	7	A	1275 AHEAD 5 MINUTES LATE
		Tue, Sep 23	10	GX	PROTECTED OAK PARK AVE AND WAITED AT FVW FOR AMTRAK 383 TO CLEAR PLANT
		Wed, Sep 24	137	M	1253 STRUCK TRESPASSER AT MP 5.92, LATE FLIP OFF 1274
		Thu, Sep 25	7	DD	HELD AT EOLA FOR Z-PTLCH9-23
BNSF	1275 76% OT	Thu, Sep 11	21	GA	SWITCH AND SIGNAL PROBLEMS AT CUS
		Fri, Sep 12	33	GA	LATE FLIP OFF 1276 AND FOLLOWED 1279
		Mon, Sep 15	7	GA	LATE FLIP 1276
		Fri, Sep 19	18	GA	LATE FLIP 1276
		Wed, Sep 24	120	M	1253 STRUCK TRESPASSER AT MP 5.92, LATE FLIP OFF 1276
BNSF	1276 76% OT	Fri, Sep 12	24	GA	LATE FLIP OFF 1239 AND HANDLE 1274 SHORTS
		Mon, Sep 15	9	GA	1274 AHEAD
		Fri, Sep 19	18	GA	LATE FLIP 1239
		Wed, Sep 24	94	M	1253 STRUCK TRESPASSER AT MP 5.92
		Thu, Sep 25	6	D	C-NAMCSCO-04 AHEAD TO EOLA TO NAPERVILLE AND AT CICERO
BNSF	1277 81% OT	Thu, Sep 11	15	GA	SWITCH AND SIGNAL PROBLEMS AT CUS
		Fri, Sep 12	9	GA	LATE EQ DUE TO TRACK CHANGES AND TRAFFIC
		Tue, Sep 23	9	DD	DISPATCHER REPORTED PLANT IN TIME AT CICERO "B" 10MPH S/R MT 2 MP 17.5 TO 17.7
		Wed, Sep 24	94	M	1253 STRUCK TRESPASSER AT MP 5.92, MADE DOWNERS GROVE TO AURORA STOPS
BNSF	1279 67% OT	Thu, Sep 11	17	GA	SWITCH AND SIGNAL PROBLEMS AT CUS
		Fri, Sep 12	19	GA	LATE FLIP 1278
		Mon, Sep 15	10	D	AMTRAK 383 AND 1277 AHEAD, FRT STORED ON MT2
		Mon, Sep 22	8	I	STUDENT ENGINEER AND DOOR PROCEDURES
		Tue, Sep 23	14	DD	DISPATCHER REPORTED PLANT IN TIME AT CICERO "B" 1277 AHEAD, 10MPH S/R
		Wed, Sep 24	0	XM	1253 STRUCK TRESPASSER AT MP 5.92, MADE 1291 SCHEDULE
BNSF	1281 81% OT	Mon, Sep 29	9	D	FOLLOWED 1277, COAL TRAIN ON MT 2 AT LISLE
		Thu, Sep 11	15	GA	SWITCH AND SIGNAL PROBLEMS AT CUS
		Fri, Sep 12	11	GA	SWITCH AND SIGNAL PROBLEMS AT CUS
		Mon, Sep 22	8	FA	LATE FLIP OFF 1280
BNSF	1373 71% OT	Wed, Sep 24	0	XM	1253 STRUCK TRESPASSER AT MP 5.92, DH EQ TO AURORA
		Fri, Sep 05	15	D	7 MIN LATE DEPARTURE, LATE FLIP OFF 1284, 2/3 BERWYN, 3/2 CP, 2/3 FVW, 2/1 EOLA
		Thu, Sep 11	0	XE	1284 EQ FAILURE
		Mon, Sep 15	9	DD	LATE FLIP 1284
		Mon, Sep 22	8	DD	STUCK BEHIND 1283 AT BERWYN
		Tue, Sep 23	17	DD	LATE FLIP OFF 1284, 10 MPH S/R MT 2 MP 17.5 TO 17.7
		Wed, Sep 24	0	XM	1253 STRUCK TRESPASSER AT MP 5.92, MADE 1253 SCHEDULE

**TABLE 3 (continued): LIST OF WEEKDAY TRAINS LESS THAN 85% ON-TIME
September 2008**

Line	Train	Date	Minutes Delay		Delay Explanation	
			Late	Code		
HC	0917	Tue, Sep 02	14	D	9" FRT TRN INT, 47 XOVER; 4" OPERATED MT2, STATEVILLE-JUD.	
		67% OT	Thu, Sep 04	9	G	7" FLAGGED BY.45 CROSSOVER; 2" CONGESTION CUS.
		Mon, Sep 08	15	D	15" CN #8831 AHEAD, 47XOVER.	
		Fri, Sep 12	13	CC	6" X-TRAFFIC, LEMOYNE; 8" RED FLAG, CP CANAL; 1" SLOW DETRAIN- ING, LOCKPORT.	
		Mon, Sep 15	8	G	8" FLAGGING RED SIGNAL LEMOYNE	
		Tue, Sep 16	11	R	5" AIR PROBS, CUS; 4" S/O, CORWITH AND LEMOYNE; 3" OPERATING MT2 W/RESTRICTING SIGS, STATEVILLE-JUD.ENGR. DID NOT HAVE FOOT ON DEADMAN	
		Fri, Sep 19	44	D	7" COPY TRACK/TIME AND REST SPEED, LEMOYNE; 26" X-TRAFFIC BN CNIKCK, 47 X OVER; 5" RED/REST SIGNAL, 21.5	
RI	0503	Thu, Sep 04	9	D	7" X-TRAFFIC CSX J746, CP66CT; 4" NO REASON GIVEN.	
		76% OT	Fri, Sep 05	13	S1	12" J746 CLEARING, CP 66CT; 12" EFFICIENCY TEST, JUD.
		Fri, Sep 12	6	R	6" NO REASON GIVEN.	
		Mon, Sep 15	19	T	19" LATE TURN OF DELAYED #606 AND RESTRICTED SPEED, 54TH ST- GRESHAM (VANDALISM, ENGLEWOOD).	
		Fri, Sep 26	8	D	5" CONGESTION, GRESHAM JCT; 2" RULE 6.30, 95TH; 5" CSX #746 CLEARING OAK FOREST.	
RI	0505	Wed, Sep 10	7	U	4" FOUR ADAS ON, ROBBINS.	
		76% OT	Mon, Sep 15	8	T	8" RESTRICTED SPEED, 54TH ST-GRESHAM (VANDALISM, ENGLEWOOD).
		Tue, Sep 16	19	D	20" DISABLED BNSF #577 CLEARING JUD.	
		Mon, Sep 22	7	I	2" ENTRAINING, LSS; 5" ENTRAINING/DETRAINING ENROUTE.	
		Mon, Sep 29	8	D	6" BNSF TRN (UP LOCO #4927) CLEARING JUD; 2" NO REASON GIVEN.	
SWS	0826	Tue, Sep 02	23	RF	9" LATE TURN OF DELAYED #811; 6" RED SIG, CP RIDGE; 4" #815 X/OAHEAD, 74TH ST; 15" CN #M394 CLEARING 21ST ST.LANDERS GAVE WRONG LINE UP	
		81% OT	Thu, Sep 11	9	D	9" X-TRAFFIC CKXSM, BELT JCT; 3" X-TRAFFIC M-394, 21ST.
		Thu, Sep 18	14	D	8" X-TRAFFIC NS 21G, CP518; 3" #815 CLEARING, CP518; 3" X/O ON MTK2, CP518.	
		Tue, Sep 23	8	K	4" RED SIG, CP RIDGE; 8" WAIT FOR BRIDGE TO LOWER, 21ST.	
UPN	0352	Tue, Sep 09	7	I	7" HEAVY ENTRAINING ENROUTE.	
		52% OT	Fri, Sep 12	7	I	7" SLOW ENTRAINING ENROUTE.
		Tue, Sep 16	7	I	7" SLOW ENTRAINING ENROUTE.	
		Wed, Sep 17	7	I	7" SLOW ENTRAINING/DETRAINING ENROUTE.	
		Thu, Sep 18	7	I	7" HEAVY ENTRAINING, WAUK--RVNSWD.	
		Fri, Sep 19	7	I	7" SLOW ENTRAINING ENROUTE.	
		Tue, Sep 23	24	J1	20" LATE TURN OFF #333; SLOW ENTRAINING/DETRAINING, WAUK--RVSWD	
		Wed, Sep 24	9	I	9" SLOW ENTRAINING/DETRAINING, WAUK--RVNSWD.	
		Thu, Sep 25	7	I	7" SLOW ENTRAINING/DETRAINING, WAUK--RAVENSWD.	
		Fri, Sep 26	7	I	7" HEAVY ENTRAINING ENROUTE.	
UPN	0356	Tue, Sep 02	14	D	14" #IPK42-02 AHEAD TO LAKE BLUFF.	
		76% OT	Wed, Sep 03	7	E	7" AIR FILTER LIGHT WAS ON/COULD NOT REACH TOP SPEED.
		Tue, Sep 09	9	J	9" MEDICAL EMERGENCY, EVANSTON/MAIN.	
		Wed, Sep 10	13	D1	11" LATE TURN OF DELAYED #335; 3" SLOW ENTRAINING ENROUTE.	
		Wed, Sep 17	16	J	16" POLICE ACTIVITY, EVANSTON/MAIN ST.	
UPN	0359	Mon, Sep 08	9	IW	5" LATE TURN OF DELAYED #352; 4" SLOW ENTRAINING/DETRAINING ENROUTE	
		62% OT	Tue, Sep 09	9	I1	7" LATE TURN OF DELAYED #352; 2" SLOW ENTRAINING/DETRAINING ENROUTE
		Wed, Sep 10	6	I1	6" LATE TURN OF DELAYED #352.	
		Wed, Sep 17	9	I1	7" LATE TURN OF DELAYED #352; 2" SLOW DETRAINING, ROGERS PK AND EVANSTON/DAVIS.	
		Fri, Sep 19	8	I1	8" LATE TURN OFF #352, OTC.	
		Tue, Sep 23	29	J1	24" LATE TURN OFF #352; SLOW ENTRAINING/DETRAINING, CLYBOURN-- LAKE FOREST.	
		Wed, Sep 24	10	I1	9" LATE TURN OFF #352	
		Fri, Sep 26	8	I1	7" LATE TURN OF DELAYED #352; 1" NO REASON GIVEN.	

**TABLE 3 (continued): LIST OF WEEKDAY TRAINS LESS THAN 85% ON-TIME
September 2008**

Line	Train	Date	Minutes Delay		Delay Explanation
			Late	Code	
UPN 24% OT	0361	Tue, Sep 02	7	I	7" HEAVY ENTRAINING/DETRAINING ENROUTE.
		Wed, Sep 03	14	I	14" SLOW ENTRAINING/DETRAINING, CLYBOURN--GRT LKS; EXTRA BOARD ENGINEER.
		Thu, Sep 04	20	IW	20" SLOW ENTRAIN/DETRAIN BAD WEATHER, CLY TO GRT LK; WAUK COAL TRAIN AHEAD, WAUK.
		Fri, Sep 05	7	I	7" HEAVY ENTRAINING ENROUTE.
		Tue, Sep 09	7	I	7" HEAVY ENTRAINING/DETRAINING ENROUTE.
		Wed, Sep 10	10	I	10" HEAVY/SLOW ENTRAINING/DETRAINING ENROUTE.
		Thu, Sep 11	14	I	14" HEAVY ENTRAINING/SLOW DETRAINING, CLYBOURN--LK FOREST
		Fri, Sep 12	9	I	9" HEAVY ENTRAINING ENROUTE.
		Mon, Sep 15	7	I	7" HEAVY ENTRAINING/DETRAINING ENROUTE.
		Tue, Sep 16	10	I	10" HEAVY ENTRAINING/DETRAINING ENROUTE.
		Wed, Sep 17	10	I	10" HEAVY ENTRAINING/DETRAINING ENROUTE.
		Thu, Sep 18	10	I	10" HEAVY ENTRAINING/DETRAINING, RAVENSWOOD--LAKE FOREST
		Mon, Sep 22	7	I	7" HEAVY ENTRAINING/DETRAINING ENROUTE.
		Tue, Sep 23	10	I	10" HEAVY ENTRAINING/DETRAINING, CLYBOURN--LAKE FOREST.
		Wed, Sep 24	10	I	10" HEAVY ENTRAINING/DETRAINING, RVNSWD--LK FOREST.
	Thu, Sep 25	10	I	10" HEAVY ENTRAINING/DETRAINING, RVNSWD--HIGHLAND PK	
UPN 48% OT	0362	Tue, Sep 02	9	II	7" LATE TURN OF DELAYED #361; 2" SLOW DETRAINING, RAVINIA PK.
		Wed, Sep 03	20	II	14" LATE TURN OFF #361; SLOW ENTRAINING/DETRAINING, GRT LKS-- RAVENSWOOD; TRAIN OPERATED BY EXTRA BOARD ENGR.
		Thu, Sep 04	23	I	23" SLOW ENTRAIN/DETRAIN, WILMETTE TO RAVENSWOOD.
		Fri, Sep 05	12	G	12" SWITCH RUN, WAUK.
		Thu, Sep 11	9	II	14" LATE TURN OFF #361.
		Fri, Sep 12	10	II	9" LATE TURN OFF #361.
		Wed, Sep 17	8	II	10" LATE TURN OF DELAYED #361.
		Thu, Sep 18	8	II	10" LATE TURN OFF #361, WAUK.
		Tue, Sep 23	10	II	10" LATE TURN OFF #361.
		Wed, Sep 24	10	II	10" LATE TURN OFF #361.
	Thu, Sep 25	10	II	10" LATE TURN OFF #361.	
UPW 76% OT	0038	Wed, Sep 03	7	U	7" ADA, VILLA PK, GLEN ELLYN; SLOW ENTRAINING, VILLA PK--OAK PK
		Thu, Sep 04	8	D	8" CWKBM-2 AHEAD, VILLA PARK TO ELMHURST.
		Fri, Sep 19	8	I	8" SLOW ENTRAINING, WHEATON/ELMHURST.
		Wed, Sep 24	12	CC	12" UNABLE TO CONTACT FORM B FOREMAN.
		Fri, Sep 26	10	B	10" WAITING FOR CLEARANCE (FORM B), WINFIELD.
UPW 76% OT	0044	Wed, Sep 17	14	CC	24" OPERATED MT2, TURNER-PARK AND PSGR TRN INT, TOWER A2.
		Mon, Sep 22	8	CC	18" FORM B, MP 33.0-31.5, 24.5-23.0 & 17.5-15.5. OPERATED MT2, PECK-PARK.
		Wed, Sep 24	11	I	21" HEAVY ENTRAINING, WHEATON--OAK PK; HELD FOR POLICE ACTIVITYPARK (FREIGHT STRUCK PEDESTRIAN).
		Thu, Sep 25	13	D	23" FREIGHT CBMWK-23, TURNER.
		Fri, Sep 26	8	I	18" NO SIG, PECK AND SLOW ENTRAINING ENROUTE.
UPW 76% OT	0054	Tue, Sep 02	13	D	23" #I3G2-01/QNPPR-31 AHEAD TO PARK.
		Tue, Sep 09	15	D	25" #QNPPR-09 AHEAD TO PARK.
		Mon, Sep 15	13	D	23" #MKCPR-13 AHEAD, PARK.
		Fri, Sep 19	18	D1	28" LATE TURN OFF #35, ELBURN.
		Tue, Sep 30	13	D1	29" LATE TURN OF DELAYED #35.
UPW 67% OT	0062	Tue, Sep 02	10	G	10" ENGINEERING WORKING ON 2 EAST SWITCH & STOCK RAIL, PARK
		Fri, Sep 05	25	L	25" TRESPASSER INCIDENT, GENEVA.
		Fri, Sep 12	14	D1	14" LATE TURN OFF #47.
		Mon, Sep 22	24	D1	26" LATE TURN OF DELAYED #47.
		Thu, Sep 25	7	D	7" IG3G-25 AND AWSIH-21 AHEAD, W CHGO.
		Fri, Sep 26	20	G	20" #IG3G2 (WHICH STOPPED TO INSPECT TRN) AHEAD. (DEFECTIVE HOTBOX DETECTOR)
		Mon, Sep 29	39	D	39" #IGSG24-25 AHEAD, PARK.

Data is final (10/16/08) version from TOPS.

TABLE 4: DELAY CODES AND DEFINITIONS

Code	Definition	Code	Definition
A	Passenger Train Interference	M	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	O	AC/DC System Failure
B	Human Error, Eng. Dept.	OW	AC/DC System Failure, Weather
BA	Amtrak Engineering Human Error	O1	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
CH	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
DD	Freight Dispatcher/Opr/Freight Train Error	RW	Human Error, Transportation, Weather
DW	Freight Train Interference, Weather	R1	Human Error, Transportation, Train Ahead
D1	Freight Train Interference, Train Ahead	S	Operational (Efficiency) Testing
E	Locomotive Malfunction	S1	Operational (Efficiency) Testing, Train Ahead
EA	Amtrak Locomotive Malfunction	T	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.
K	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

TABLE 5: DELAY CODES SORTED BY CAUSE CATEGORY

CATEGORY		CATEGORY	
Code	Definition	Code	Definition
1 PASSENGER TRAIN INTERFERENCE		13 HUMAN ERROR	
A1	Pass. Train Interference, Train Ahead	B1	Human Error, Eng. Dept. Train Ahead
A	Passenger Train Interference	B	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	H	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
P	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.
M	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
I	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	Train Annulled - Signal Dept.	RW	Human Error, Transportation, Weather
9 TRACK WORK		UW	Accessibility, Weather
C1	M of W Work, Train Ahead	WW	Gas Leak, Weather
C	M of W Work	16 OTHER	
CA	Amtrak Engineering	L1	Unauthorized People On Tracks, Train Ahead
CC	Scheduled Track Work	L	Unauthorized People On Tracks/Near Miss
CF	M of W Caused Mechanical Malfunction	N1	ComEd Failure, Train Ahead
CG	Scheduled Signal Work	N	ComEd Failure
CH	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
O1	AC/DC System Failure, Train Ahead	S	Operational (Efficiency) Testing
O	AC/DC System Failure	T1	Property Vandalism, Train Ahead
XO	Train Annulled - AC/DC Failure	T	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
		XW	Train Annulled - Gas Leak

11/07/07 version

P:\ONTIME\DownloadFromTOPS[#Delay_ImportInstructions_& Codes_07.xls]instructions_& codes 08/15/2008

TABLE 6: NUMBER OF DELAYS BY DATE
September 2008

WEEKDAY	2	3	4	5	8	9	10	11	12	15	16	17	18	19	22	23	24	25	26	29	30	TOTAL
	Tu	We	Th	Fr	Mo	Tu	We	Th	Fr	Mo	Tu	We	Th	Fr	Mo	Tu	We	Th	Fr	Mo	Tu	
BNSF	0	0	1	2	2	3	12	29	11	9	3	2	0	6	8	13	25	3	11	2	1	143
Elec -ML	1	0	1	13	1	1	1	4	0	6	1	0	0	0	1	0	1	0	0	0	0	31
-BI	0	0	0	7	1	0	0	0	1	3	1	1	0	1	0	0	0	0	0	1	2	18
-SC	0	5	2	7	2	0	0	0	0	0	3	0	6	1	1	1	0	0	2	0	0	30
Heritage	1	1	1	0	1	1	0	0	2	2	1	1	0	3	0	1	0	0	0	0	0	15
Milw -N	2	1	1	1	4	12	3	1	1	2	3	2	3	0	0	0	1	0	1	2	3	43
-W	1	0	0	0	1	3	0	0	0	10	1	1	0	0	0	0	1	0	0	0	1	19
NCS	1	0	1	2	1	0	0	1	1	4	4	1	3	2	3	0	0	0	0	0	2	26
RI	1	1	2	2	3	0	5	1	4	29	1	0	4	0	3	0	0	0	2	1	3	62
SWS	3	1	2	1	0	0	1	4	3	3	0	3	2	1	0	1	0	2	2	1	0	30
UP -N	6	3	3	2	2	19	5	4	3	1	8	5	5	2	1	14	6	3	4	0	1	97
-NW	5	2	0	3	0	4	1	0	0	0	1	7	0	0	0	5	1	2	10	0	0	41
-W	<u>2</u>	<u>1</u>	<u>2</u>	<u>13</u>	<u>0</u>	<u>2</u>	<u>2</u>	<u>1</u>	<u>13</u>	<u>8</u>	<u>3</u>	<u>3</u>	<u>1</u>	<u>8</u>	<u>12</u>	<u>1</u>	<u>6</u>	<u>2</u>	<u>6</u>	<u>6</u>	<u>2</u>	<u>94</u>
SYSTEM	23	15	16	53	18	45	30	45	39	77	30	26	24	24	29	36	41	12	38	13	15	649

SATURDAY	6	13	20	27	TOTAL
BNSF	1	10	0	0	11
Elec -ML	0	1	0	0	1
-BI	0	0	0	0	0
-SC	3	0	0	1	4
Heritage	-	-	-	-	-
Milw -N	2	6	5	2	15
-W	0	2	0	1	3
NCS	-	-	-	-	-
RI	1	0	1	0	2
SWS	-	-	-	-	-
UP -N	1	2	1	4	8
-NW	0	1	0	0	1
-W	<u>0</u>	<u>2</u>	<u>0</u>	<u>2</u>	<u>4</u>
SYSTEM	8	24	7	10	49

SUNDAY/HOLIDAY	1	7	14	21	28	TOTAL
BNSF	1	1	1	1	0	4
Elec -ML	0	1	0	0	0	1
-BI	-	-	-	-	-	-
-SC	0	0	2	0	1	3
Heritage	-	-	-	-	-	-
Milw -N	2	1	0	0	0	3
-W	0	0	1	0	1	2
NCS	-	-	-	-	-	0
RI	0	0	2	0	0	2
SWS	-	-	-	-	-	-
UP -N	2	0	1	1	0	4
-NW	1	0	1	4	0	6
-W	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
SYSTEM	6	3	8	6	2	25

Data is final (10/16/08) version from TOPS.

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

CAUSE CATEGORY	BNSF	Electric			HER	Milw		NCS	RI	SWS	Union Pacific			SYSTEM
		ML	BI	SC		N	W				N	NW	W	
Passenger Train Interference	2	13	9	7	0	2	0	4	2	2	4	1	1	47
<i>Freight Interference - Peak</i>	18	0	0	0	4	2	0	3	2	4	1	3	11	48
<i>Freight Interference - Off-Peak</i>	17	0	0	0	0	6	2	4	7	13	2	5	31	87
Freight Interference - Total	35	0	0	0	4	8	2	7	9	17	3	8	42	135
Accident	25	0	0	0	0	3	0	0	1	0	0	9	1	39
Passenger Loading	6	1	1	2	0	6	0	1	2	0	47	5	7	78
Lift Deployment	0	1	0	0	0	2	1	2	3	0	3	2	2	16
Obstruction/Debris	1	0	0	3	0	0	1	0	3	3	0	2	2	15
Signal/Switch Failure	60	9	1	6	4	20	3	8	4	0	17	8	9	149
Track Work	6	0	1	15	4	2	4	0	1	1	6	3	9	52
Catenary Failure	0	6	3	0	0	0	0	0	0	0	0	0	0	9
Non-Locomotive Equipment Failure	7	2	0	2	0	0	0	0	0	0	0	1	0	12
Locomotive Failure	6	0	0	1	0	6	0	2	0	0	6	2	9	32
Human Error	2	0	2	1	2	3	2	0	7	3	10	2	5	39
Sick, Injured, Unruly Passenger	0	1	0	0	0	5	3	2	3	0	4	1	2	21
Weather	6	0	0	0	1	4	7	0	0	1	4	2	0	25
Other	2	0	1	0	0	0	1	0	31	3	5	2	9	54
TOTAL TRAINS DELAYED	158	33	18	37	15	61	24	26	66	30	109	48	98	723

September - Average Over Previous Five Years: 2003-2007

CAUSE CATEGORY	BNSF	Electric			HER	Milw		NCS	RI	SWS	Union Pacific			SYSTEM
		ML	BI	SC		N	W				N	NW	W	
Passenger Train Interference	2	1	0	0	0	5	2	2	1	1	1	0	0	15
<i>Freight Interference - Peak</i>	8	0	0	0	5	2	1	2	2	4	1	4	8	38
<i>Freight Interference - Off-Peak</i>	8	0	0	0	0	7	4	1	2	6	1	2	22	54
Freight Interference - Total	16	0	0	0	5	8	5	4	4	10	2	6	31	92
Accident	11	0	0	3	0	2	6	1	15	0	1	4	4	47
Passenger Loading	3	4	2	1	0	6	1	0	4	0	8	4	3	35
Lift Deployment	1	0	0	0	0	2	1	1	2	1	1	0	2	10
Obstruction/Debris	3	1	0	3	0	2	5	1	1	1	0	1	6	23
Signal/Switch Failure	10	10	2	2	2	10	7	5	6	8	3	6	14	86
Track Work	6	18	2	8	0	3	4	3	3	1	8	4	2	62
Catenary Failure	0	5	2	2	0	0	0	0	0	0	0	0	0	8
Non-Locomotive Equipment Failure	1	2	0	0	0	0	1	0	0	0	3	1	1	10
Locomotive Failure	7	0	0	0	0	7	4	1	2	0	3	4	2	31
Human Error	11	5	2	1	0	7	8	3	8	3	3	3	3	56
Sick, Injured, Unruly Passenger	1	3	0	1	0	4	2	0	3	0	1	2	2	21
Weather	0	0	0	0	0	3	0	0	3	3	0	4	4	18
Other	4	3	1	1	0	2	3	0	3	0	2	2	1	20
TOTAL TRAINS DELAYED	77	53	11	21	8	62	48	21	56	29	35	40	74	534

September 2008 Divergence From September Average Over Previous Five Years

CAUSE CATEGORY	BNSF	Electric			HER	Milw		NCS	RI	SWS	Union Pacific			SYSTEM
		ML	BI	SC		N	W				N	NW	W	
Passenger Train Interference	0	12	9	7	0	-3	-2	2	1	1	3	1	1	32
<i>Freight Interference - Peak</i>	10	0	0	0	-1	0	-1	1	0	0	0	-1	3	10
<i>Freight Interference - Off-Peak</i>	9	0	0	0	0	-1	-2	3	5	7	1	3	9	33
Freight Interference - Total	19	0	0	0	-1	0	-3	3	5	7	1	2	11	43
Accident	14	0	0	-3	0	1	-6	-1	-14	0	-1	5	-3	-8
Passenger Loading	3	-3	-1	1	0	0	-1	1	-2	0	39	1	4	43
Lift Deployment	-1	1	0	0	0	0	0	1	1	-1	2	2	0	6
Obstruction/Debris	-2	-1	0	0	0	-2	-4	-1	2	2	0	1	-4	-8
Signal/Switch Failure	50	-1	-1	4	2	10	-4	3	-2	-8	14	2	-5	63
Track Work	0	-18	-1	7	4	-1	0	-3	-2	0	-2	-1	7	-10
Catenary Failure	0	1	1	-2	0	0	0	0	0	0	0	0	0	1
Non-Locomotive Equipment Failure	6	0	0	2	0	0	-1	0	0	0	-3	0	-1	2
Locomotive Failure	-1	0	0	1	0	-1	-4	1	-2	0	3	-2	7	1
Human Error	-9	-5	0	0	2	-4	-6	-3	-1	0	7	-1	2	-17
Sick, Injured, Unruly Passenger	-1	-2	0	-1	0	1	1	2	0	0	3	-1	0	0
Weather	6	0	0	0	1	1	7	0	-3	-2	4	-2	-4	7
Other	-2	-3	0	-1	0	-2	-2	0	28	3	3	0	8	34
TOTAL TRAINS DELAYED	81	-20	7	16	7	-1	-24	5	10	1	74	8	24	189

Data for current month is final (10/16/08) version from TOPS.

P:\ONTIME\report\DelaysByCause16Cats.xls>LastMonthByLine 10/16/2008

TABLES 8.a & 8.b: FREQUENCY OF TRAIN DELAYS BY CAUSE & MONTH

2008

CAUSE CATEGORY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan - Sep	
Passenger Train Interference	30	30	17	7	3	6	8	4	47				152	2.4%
<i>Freight Interference - Peak</i>	29	38	27	30	17	35	28	23	48				275	4.3%
<i>Freight Interference - Off-Peak</i>	71	81	78	51	46	39	47	59	87				559	8.8%
Freight Interference - Total	100	119	105	81	63	74	75	82	135				834	13.2%
Accident	81	33	36	34	57	44	11	16	39				351	5.5%
Passenger Loading	72	76	80	22	62	193	203	188	78				974	15.4%
Lift Deployment	24	14	18	20	15	15	16	26	16				164	2.6%
Obstruction/Debris	46	55	18	21	10	40	30	7	15				242	3.8%
Signal/Switch Failure	174	99	124	128	83	94	90	108	149				1,049	16.6%
Track Work	19	11	24	54	35	73	61	67	52				396	6.2%
Catenary Failure	16	2	5	0	2	0	0	1	9				35	0.6%
Non-Locomotive Equipment Failure	55	15	10	9	6	14	14	15	12				150	2.4%
Locomotive Failure	39	44	34	45	9	24	43	41	32				311	4.9%
Human Error	57	58	39	30	46	52	65	77	39				463	7.3%
Sick, Injured, Unruly Passenger	43	25	18	21	20	29	38	20	21				235	3.7%
Weather	173	277	32	10	10	23	29	131	25				710	11.2%
Other	25	43	22	39	19	33	15	22	54				272	4.3%
TOTAL TRAINS DELAYED	954	901	582	521	440	714	698	805	723				6,338	100%

Data for current month is final (10/16/08) version from TOPS.

2007

CAUSE CATEGORY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan - Sep	
Passenger Train Interference	15	33	23	9	27	20	17	24	12	12	19	26	180	2.7%
<i>Freight Interference - Peak</i>	22	41	35	28	18	44	14	27	33	22	39	23	262	3.9%
<i>Freight Interference - Off-Peak</i>	51	92	91	81	77	64	52	72	54	55	61	66	634	9.4%
Freight Interference - Total	73	133	126	109	95	108	66	99	87	77	100	89	896	13.3%
Accident	29	28	8	2	3	40	13	56	37	32	54	63	216	3.2%
Passenger Loading	38	22	52	15	55	153	335	127	56	37	61	92	853	12.7%
Lift Deployment	9	26	9	8	11	16	14	9	7	11	10	19	109	1.6%
Obstruction/Debris	25	49	25	33	33	22	21	55	20	34	15	34	283	4.2%
Signal/Switch Failure	64	267	60	67	85	68	63	95	116	59	79	122	885	13.2%
Track Work	31	24	22	56	50	97	114	126	134	86	43	47	654	9.7%
Catenary Failure	0	0	4	3	26	5	5	1	6	3	0	0	50	0.7%
Non-Locomotive Equipment Failure	11	31	17	11	10	5	12	14	6	10	16	5	117	1.7%
Locomotive Failure	26	26	39	14	45	43	13	36	34	29	24	62	276	4.1%
Human Error	54	98	107	54	82	55	45	83	70	79	55	67	648	9.6%
Sick, Injured, Unruly Passenger	23	23	17	32	19	28	32	34	33	26	22	48	241	3.6%
Weather	30	542	25	53	0	28	35	264	12	30	14	224	989	14.7%
Other	22	52	48	31	25	51	42	23	26	31	64	25	320	4.8%
TOTAL TRAINS DELAYED	450	1,354	582	497	566	739	827	1,046	656	556	576	923	6,717	100%

P:\ONTIME\report\DelaysByCause16Cats.xls]AllMonths

10/16/2008

**TABLE 9: FREIGHT DELAYS ON METRA DIESEL LINES
between October 2006 and September 2008**

	BNSF	HER	Milw		NCS	RI	SWS	Union Pacific			SYSTEM
			N	W				N	NW	W	
Oct-06	36	7	12	5	10	7	29	0	7	38	151
Nov-06	60	5	16	4	6	1	15	6	3	46	162
Dec-06	43	1	13	9	4	5	20	0	3	56	154
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
Total	275	54	137	83	95	63	135	17	37	466	1,362
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
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
Total	163	66	118	59	72	73	147	29	75	297	1,099

Data for current month is final (10/16/08) version from TOPS.

P:\ONTIME\report\[DelaysByCause16Cats.xls]Freight- YTD, 2 yrs 10/16/2008

**TABLES 10.a & 10.b: FREQUENCY OF LIFT-DEPLOYMENT TRAIN DELAYS BY LINE & MONTH
2008**

LINE	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Lift	% of All
													Delays	Delays
													YTD	YTD
BNSF	1	1	3	0	0	1	0	0	0				6	0.61%
Electric ML	0	0	0	0	0	0	0	0	1				1	0.27%
Electric BI	0	0	0	0	0	0	0	0	0				0	0.00%
Electric SC	0	0	0	0	0	0	0	0	0				0	0.00%
HER	0	0	0	0	0	0	0	1	0				1	0.81%
Milw N	2	0	3	4	6	1	8	12	2				38	5.58%
Milw W	1	2	2	1	1	3	8	3	1				22	5.07%
NCS	2	1	0	2	1	0	0	1	2				9	4.25%
RI	9	4	5	0	5	6	0	4	3				36	6.88%
SWS	0	0	0	1	0	0	0	0	0				1	0.37%
UP N	3	2	2	0	0	1	0	1	3				12	1.11%
UP NW	3	3	2	9	0	3	0	2	2				24	3.72%
UP W	3	1	1	3	2	0	0	2	2				14	1.92%
Total Lift Delays	24	14	18	20	15	15	16	26	16				164	2.59%
ALL DELAYS													6,338	

Data for current month is final (10/16/08) version from TOPS.

2007

LINE	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Lift	% of All
													Delays	Delays
													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	

TABLE 11: FREQUENCY OF TRAIN DELAYS BY DURATION
September 2008

Minutes	BNSF	Electric			Her	Milwaukee		NCS	RI	SWS	UP			System
		ML	BI	SC		N	W				N	NW	W	
Peak *														
6-10	46	12	3	5	5	13	9	9	15	6	23	10	15	171
11-15	20	2	1	1	5	4	2	3	7	1	5	3	6	60
16-20	12	2	0	0	1	1	1	1	4	0	5	3	4	34
21+	25	10	3	3	3	1	0	1	1	0	4	11	8	70
Annulled	<u>5</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>2</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>1</u>	<u>10</u>
Sub-Total	108	26	7	9	15	19	12	14	29	7	37	28	34	345
Off-Peak **														
6-10	17	3	6	15	0	27	11	4	26	16	45	7	21	198
11-15	13	1	1	7	0	3	1	2	5	6	9	5	17	70
16-20	6	0	0	1	0	3	0	4	3	0	7	2	9	35
21+	12	3	4	5	0	9	0	2	3	1	10	6	14	69
Annulled	<u>2</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>3</u>	<u>6</u>
Sub-Total	50	7	11	28	0	42	12	12	37	23	72	20	64	378
September 2008 Total														
6-10	63	15	9	20	5	40	20	13	41	22	68	17	36	369
11-15	33	3	2	8	5	7	3	5	12	7	14	8	23	130
16-20	18	2	0	1	1	4	1	5	7	0	12	5	13	69
21+	37	13	7	8	3	10	0	3	4	1	14	17	22	139
Annulled	<u>7</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>2</u>	<u>0</u>	<u>1</u>	<u>1</u>	<u>4</u>	<u>16</u>
TOTAL	158	33	18	37	15	61	24	26	66	30	109	48	98	723
Year-to-Date														
6-10	554	462	123	228	59	600	386	142	691	150	476	334	468	4,673
11-15	235	132	28	47	34	227	170	65	207	57	179	154	229	1,764
16-20	122	62	8	16	14	99	59	34	81	22	72	78	119	786
21+	160	100	24	45	27	177	108	57	121	34	132	163	178	1,326
Annulled	<u>54</u>	<u>10</u>	<u>8</u>	<u>19</u>	<u>2</u>	<u>22</u>	<u>5</u>	<u>6</u>	<u>18</u>	<u>6</u>	<u>27</u>	<u>23</u>	<u>23</u>	<u>223</u>
TOTAL	1,125	766	191	355	136	1,125	728	304	1,118	269	886	752	1,017	8,772
PERCENT COMPOSITION OF DELAYS BY RANGE OF DURATION														
Minutes	BNSF	Electric			Her	Milwaukee		NCS	RI	SWS	UP			System
		ML	BI	SC		N	W				N	NW	W	
September 2008 Total														
6-10	39.9%	45.5%	50.0%	54.1%	33.3%	65.6%	83.3%	50.0%	62.1%	73.3%	62.4%	35.4%	36.7%	51.0%
11-15	20.9%	9.1%	11.1%	21.6%	33.3%	11.5%	12.5%	19.2%	18.2%	23.3%	12.8%	16.7%	23.5%	18.0%
16-20	11.4%	6.1%	0.0%	2.7%	6.7%	6.6%	4.2%	19.2%	10.6%	0.0%	11.0%	10.4%	13.3%	9.5%
21+	23.4%	39.4%	38.9%	21.6%	20.0%	16.4%	0.0%	11.5%	6.1%	3.3%	12.8%	35.4%	22.4%	19.2%
Annulled	<u>4.4%</u>	<u>0.0%</u>	<u>0.0%</u>	<u>0.0%</u>	<u>6.7%</u>	<u>0.0%</u>	<u>0.0%</u>	<u>0.0%</u>	<u>3.0%</u>	<u>0.0%</u>	<u>0.9%</u>	<u>2.1%</u>	<u>4.1%</u>	<u>2.2%</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%
Year-to-Date														
6-10	49.2%	60.3%	64.4%	64.2%	43.4%	53.3%	53.0%	46.7%	61.8%	55.8%	53.7%	44.4%	46.0%	53.3%
11-15	20.9%	17.2%	14.7%	13.2%	25.0%	20.2%	23.4%	21.4%	18.5%	21.2%	20.2%	20.5%	22.5%	20.1%
16-20	10.8%	8.1%	4.2%	4.5%	10.3%	8.8%	8.1%	11.2%	7.2%	8.2%	8.1%	10.4%	11.7%	9.0%
21+	14.2%	13.1%	12.6%	12.7%	19.9%	15.7%	14.8%	18.8%	10.8%	12.6%	14.9%	21.7%	17.5%	15.1%
Annulled	<u>4.8%</u>	<u>1.3%</u>	<u>4.2%</u>	<u>5.4%</u>	<u>1.5%</u>	<u>2.0%</u>	<u>0.7%</u>	<u>2.0%</u>	<u>1.6%</u>	<u>2.2%</u>	<u>3.0%</u>	<u>3.1%</u>	<u>2.3%</u>	<u>2.5%</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%

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

Data for most recent month is final (10/16/08) version from TOPS.

TABLE 12: AVERAGE LENGTH OF DELAY BY SERVICE PERIOD, IN MINUTES

September 2008

	BNSF	Electric			Her	Milwaukee		NCS	RI	SWS	UP			System
		ML	BI	SC		N	W				N	NW	W	
Peak *	22.4	29.6	32.3	17.6	14.9	10.2	9.7	11.5	10.4	9.1	12.2	30.5	15.4	18.7
Off-Peak **	22.0	26.7	25.7	15.6	--	16.2	8.3	16.9	11.1	9.7	13.2	23.1	17.4	16.2
All	22.2	29.0	28.3	16.1	14.9	14.3	9.0	14.0	10.8	9.5	12.8	27.3	16.7	17.4

Year-to-Date

	BNSF	Electric			Her	Milwaukee		NCS	RI	SWS	UP			System
		ML	BI	SC		N	W				N	NW	W	
Peak *	18.1	17.7	19.5	13.2	13.2	17.5	13.8	16.2	12.4	12.6	13.4	21.1	14.0	16.1
Off-Peak **	17.1	15.2	15.0	14.0	--	16.4	15.4	18.1	11.4	16.4	12.9	18.1	16.8	15.4
All	17.7	16.6	16.8	13.9	13.2	16.7	14.8	17.0	11.9	15.1	13.1	19.5	15.8	15.7

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 (10/16/08) version from TOPS.