

COMMUTER RAIL SYSTEM
ON-TIME PERFORMANCE REPORT

August 2008



COMMUTER RAIL ON-TIME PERFORMANCE

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This report presents an analysis of the August 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 August 2008, Metra operated 17,056 scheduled trains, including 'extras'. 805 of these trains were delayed (late or annulled), representing an on-time performance rate of 95.3%. 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 August 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 August 2008.

Table 7.a shows the frequency of train delays by delay cause category and by line during August 2008. Table 7.b shows the average frequencies over the previous five Augusts, and Table 7.c shows the differences between Table 7.a and Table 7.b. There were 805 delays systemwide in August 2008, 119 more than the average over the previous five Augusts. 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 August of 2008, a total of 5,615 trains were delayed, compared to 6,061 trains delayed in the same eight months of 2007.

Table 9 shows, by line and month, all train delays caused by freight operations over the past 24 months. In August 2008 freight operations delayed 82 trains systemwide, compared to 99 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 26 trains were delayed by lift deployment in August 2008.

A review of August 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 41.0% of all late trains. Table 12 shows that the average length of delay was 17.3 minutes in August 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
August 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	53	95.4%	846	43	94.9%	1,987	96	95.2%	142	15	89.4%	93	9	90.3%	2,222	120	94.6%
Elec -ML	945	32	96.6%	715	16	97.8%	1,660	48	97.1%	230	0	100.0%	100	3	97.0%	1,990	51	97.4%
-BI	294	4	98.6%	483	2	99.6%	777	6	99.2%	150	0	100.0%	100	--		927	6	99.4%
-SC	<u>357</u>	<u>4</u>	98.9%	<u>777</u>	<u>22</u>	97.2%	<u>1,134</u>	<u>26</u>	97.7%	<u>240</u>	<u>0</u>	100.0%	<u>100</u>	<u>1</u>	99.0%	<u>1,474</u>	<u>27</u>	98.2%
Subtotal	1,596	40	97.5%	1,975	40	98.0%	3,571	80	97.8%	620	0	100.0%	200	4	98.0%	4,391	84	98.1%
Heritage	126	17	86.5%	--	--		126	17	86.5%	--	--		--	--		126	17	86.5%
Milw -N	525	26	95.0%	735	46	93.7%	1,260	72	94.3%	124	16	87.1%	103	14	86.4%	1,487	102	93.1%
-W	<u>567</u>	<u>35</u>	93.8%	<u>651</u>	<u>30</u>	95.4%	<u>1,218</u>	<u>65</u>	94.7%	<u>123</u>	<u>7</u>	94.3%	<u>92</u>	<u>12</u>	87.0%	<u>1,433</u>	<u>84</u>	94.1%
Subtotal	1,092	61	94.4%	1,386	76	94.5%	2,478	137	94.5%	247	23	90.7%	195	26	86.7%	2,920	186	93.6%
NCS	231	9	96.1%	231	3	98.7%	462	12	97.4%	--	--		--	--		462	12	97.4%
RI	757	24	96.8%	672	18	97.3%	1,429	42	97.1%	103	6	94.2%	85	2	97.6%	1,617	50	96.9%
SWS	231	11	95.2%	399	30	92.5%	630	41	93.5%	--	--		--	--		630	41	93.5%
UP -N	630	51	91.9%	840	87	89.6%	1,470	138	90.6%	135	20	85.2%	94	14	85.1%	1,699	172	89.9%
-NW	693	9	98.7%	672	26	96.1%	1,365	35	97.4%	120	7	94.2%	75	3	96.0%	1,560	45	97.1%
-W	<u>567</u>	<u>18</u>	96.8%	<u>672</u>	<u>36</u>	94.6%	<u>1,239</u>	<u>54</u>	95.6%	<u>100</u>	<u>11</u>	89.0%	<u>90</u>	<u>13</u>	85.6%	<u>1,429</u>	<u>78</u>	94.5%
Subtotal	1,890	78	95.9%	2,184	149	93.2%	4,074	227	94.4%	355	38	89.3%	259	30	88.4%	4,688	295	93.7%
SYSTEM	7,064	293	95.9%	7,693	359	95.3%	14,757	652	95.6%	1,467	82	94.4%	832	71	91.5%	17,056	805	95.3%

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

Delays data for most recent month is final (09/12/08) version from TOPS.

P:\ONTIME\report\Delays&TrainsByServPeriod.xls|OTPhyServPeriod&Line 09/18/08

TABLE 2: ON-TIME PERFORMANCE BY LINE/BRANCH

LINE	YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN- AUG	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	95.9%	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	95.4%	95.8%
	2008	92.9	94.3	97.0	98.2	97.0	94.3	94.8	94.6					95.4%	95.4%
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	97.5%	97.5%
	2008	96.4	98.5	98.8	98.3	99.3	98.5	99.2	98.1					98.4%	98.4%
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	94.8%	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	93.0%	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	89.6%	91.1%
	2008	93.9	89.7	83.3	87.2	89.7	92.9	91.7	86.5					89.4%	89.4%
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	94.5%	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					94.7%	94.7%
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	95.7%	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	95.3%	95.8%
	2008	94.5	96.6	97.1	97.4	97.8	97.8	96.1	94.1					96.4%	96.4%
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	90.9%	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					95.1%	95.1%
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	96.6%	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	94.0%	94.2%
	2008	95.5	95.6	94.5	98.8	97.6	96.4	96.5	96.9					96.5%	96.5%
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	95.3%	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	94.1%	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	96.8%	96.5%
	2008	93.5	96.3	95.1	94.4	95.4	95.7	98.3	93.5					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	95.2%	95.4%
	2008	91.9	89.4	95.1	95.5	97.1	90.9	92.2	89.9					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	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	98.1%	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					95.2%	95.2%
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	94.7%	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	94.6%	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					94.5%	94.5%
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	97.2%	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	96.5%	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	96.5%	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	97.0%	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	97.2%	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					95.9%	95.9%

Delays data for most recent month is final (09/12/08) version from TOPS.

P:\ONTIME\report\Delays&TrainsByServPeriod.xls\OTP line&month - 4 yrs 9/18/2008

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

Line	Train	Date	Day	Minutes Delay		Delay Explanation	
				Late	Code		
BNSF	1243	Aug 1	FR	11	D	FOLLOWED Z-CHELSE-01 TO C.PARK TO FAIRVIEW	
	81%OT	1243	Aug 20	WE	26	D	FRT INTERFERENCE DUE TO BROKEN RAIL MT 2 AURORA-WEST EOLA, BLOCKED BY COAL TRAIN EMPTY,FREIGHT TRAIN HAD FLAT SPOTS
		1243	Aug 22	FR	12	D	FOLLOWED E-CXCBTM1-19 HIGHLANDS TO LISLE
		1243	Aug 26	TU	20	CC	MOW
BNSF	1280	Aug 1	FR	0	R1	ANNULLED TURN FROM 1281	
	81%OT	1280	Aug 4	MO	16	G	SWITCH FAILURE WEST EOLA HAD TO TAKE SWITCH ON HAND
		1280	Aug 20	WE	15	D	FRT INTERFERENCE, FOLLOWED C-BTMCNB0-84 WEST EOLA TO EOLA
		1280	Aug 26	TU	15	CC	Q LACCIC3-23 AHEAD RUNNING ON 10MPH SLOW ORDERS-1287 WEST
BNSF	1288	Aug 1	FR	11	R1	PICKED UP 1280 PASSENGERS	
	76%OT	1288	Aug 5	TU	10	G	SWITCH FAILURE AT HILL WEST, EQUIPMENT HAD TO TAKE SWITCH ON HANE
		1288	Aug 20	WE	17	D1	LATE FLIP OFF 1243
		1288	Aug 22	FR	11	D	LATE FLIP OFF 1243
		1288	Aug 26	TU	10	CC	Q LACCIC3-23 AHEAD RUNNING ON 10 MPH SLOW ORDERS EXPRESSED IN
BNSF	1297	Aug 1	FR	27	I	HEAVY UNLOADING	
	76%OT	1297	Aug 6	WE	8	L	ATTEMPTED SUICIDE DOWNERS/FAIRVIEW
		1297	Aug 8	FR	30	E	HEAD END POWER NOT WORKING FROM CUS TO LISLE
		1297	Aug 21	TH	8	J	POLICE WERE CALLED TO REMOVE A PSGR AT LISLE
		1297	Aug 26	TU	0	CC	SERVICE RECOVERY
HC	0917	Aug 5	TU	11	GW	2" S/O ENROUTE; 5" HAND-LINING SWITCHES, 47XOVER; 4" GX PRO- CEDURES ENROUTE.	
	81%OT	0917	Aug 18	MO	7	D	7" FRT TRN INT, JUSTICE.
		0917	Aug 25	MO	8	D	2" WAITING FOR LINE-UP, CUS; 8" MEETING CN #337/AMTRAK #22, CP CERMAK
		0917	Aug 26	TU	10	D	10" MEETING AMTAK #22, JUSTICE.
HC	0918	Aug 5	TU	7	GW	4" S/O, JOLIET; 2" RESTRICTING, LEMOYNE; 2" S/O, CORWITH; 10" TALKED BY SIG, CP BRIGHTON.	
	71%OT	0918	Aug 7	TH	18	G	4" S/O THRU JOLIET; 14" SIG PROBS, FLAGSTONE-MP 19.3; 2" RE- STRICTING, LEMOYNE; 3" HELD BY CN DISP. CORWITH.
		0918	Aug 12	TU	9	GX	5" GX PROCEDURES, JOLIET; 2" FLAG XING, MP30.6
		0918	Aug 13	WE	8	CC	4" STOP/REST SIGNAL, LEMOYNE; 4" SPEED REST ON UP, JOLIET
		0918	Aug 22	FR	17	D	15" AMTK301 X-TRAFFIC/BLOCKED BY IHB-AP9 IN EMERGENCY, JUSTICE;5" X-TRAFFIC CP CANAL; 2" SLOW ENTRAINING/PA NOT WORKING, SUMMIT
		0918	Aug 27	WE	8	G	15" HAND-LINING SWITCHES, BRIDGEPORT
		0918	Aug 27	WE	8	G	15" HAND-LINING SWITCHES, BRIDGEPORT
ELML	0604	Aug 1	FR	10	G1	5" HELD FOR RED SIG, 67TH ST; 2" #504 AHEAD, 67TH-51ST; 2" B/O MA ON CAR #1515; 1" HED FOR RED SIG, RANDOLPH ST.	
	81%OT	0604	Aug 5	TU	37	GW	27" LATE TURN OF DELAYED #007; 10" SIG PROBS ENROUTE.
		0604	Aug 21	TH	7	A	5" MEETING #504, 67TH; 2" #504 AHEAD, 67TH--51ST.
		0604	Aug 28	TH	8	A	2" #504 X OVER, 67TH ST.; 1" FOLLOW #504, 67TH-51ST; 5" CONGESTION, RANDOLPH.
MN	2125	Aug 14	TH	7	RF	2" ADA ENROUTE, CUS--GRSLK; 5" AMTK337 AHEAD FOLLOWING #2123. CP DISPATCHER ERROR.	
	81%OT	2125	Aug 20	WE	8	GX	8" MEETING DELAYED #2146 OFF THE J LINE, RONDOUT.
		2125	Aug 21	TH	12	D1	10" MEETING DELAYED #2142/#2144, DRFLD; 2" ADA ENROUTE.
		2125	Aug 28	TH	11	G	3" FOLLOWING #2127, DEERFIELD; 10" SIGNAL FAILURE, LAKE FOREST-RONDOUT
MN	2143	Aug 5	TU	10	U	5" ADA ON, 2" OPERATING WITH A TEN-CAR CONSIST; 5" DOOR PROBS ENROUTE; 4" ADAS, LIBERTYVILLE AND GRAYSLAKE	
	81%OT	2143	Aug 12	TU	10	G	2" ADA, CUS--LIBVILLE; 2" X-TRAFFIC, MAYFAIR; 9" FLAGGED SIGNALRONDOUT; 2" COPY MOVEMENT AUTH.
		2143	Aug 18	MO	26	G	35" SW PROBS, DEERFIELD; 1" ADA OFF, GRAYSLAKE
		2143	Aug 21	TH	7	D1	10" LATE TURN OFF #2144, CUS.
MN	2144	Aug 14	TH	10	RF	5" NO SIGNAL MAYFAIR; 5" SLOW ENTRAINING ENROUTE	
	81%OT	2144	Aug 20	WE	10	GX	5" FOLLOWING # 2142, DEERFIELD; 3" RESTRICTING SIGNAL X/O IMAIN -2 MAIN, DEERFIELD; 2" X-TRAFFIC, MAYFAIR
		2144	Aug 21	TH	25	D1	11" MEETING DELAYED #2142, DRFLD; 15" HEAVY ENTRAINING ENROUTE
		2144	Aug 28	TH	12	G1	14" FOLLOWING DELAYED #2142.

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

Line	Train	Date	Day	Minutes Delay		Delay Explanation
				Late	Code	
MN	2156	Aug 4	MO	7	GW	8" MEETING #2143, FOX LAKE; 6" UP PSGR TRN INT, MAYFAIR.
	71%OT 2156	Aug 5	TU	10	U1	13" MEETING DELAYED # 2143, FOX LAKE.
	2156	Aug 14	TH	11	I1	4" WAITING FOR #2143, FOX LK; 7" ITEM #1, TOUHY AVE.
	2156	Aug 18	MO	13	G1	ORIGINATED GRAYSLAKE 1954 HRS AS TURN OF DELAYED #2147. PSGRS NORTH OF GRAYSLAKE FORWARDED ON EXTRA #417 EAST/2158.
	2156	Aug 20	WE	10	U1	10" MET DELAYED #2143, FOX LAKE; 4" UP PSGR TRN INT, MAYFAIR
	2156	Aug 21	TH	7	D1	8" MEETING DELAYED #2143, FOX LK.
MW	2218	Aug 1	FR	17	E1	17" DELAYED #2216 AHEAD.
	81%OT 2218	Aug 5	TU	14	GW	14" SIG PROBS, NORTHWEST BRIDGE.
	2218	Aug 18	MO	30	J	30" MEDICAL EMERGENCY, WESTERN AVE.
	2218	Aug 21	TH	12	G	12" SWITCH FAILURE, B17.
RI	0503	Aug 5	TU	8	GW	13" LATE TURN OF DELAYED #606; 3" FLAGGING 54TH ST; 2" NO REASON GIVEN
	81%OT 0503	Aug 20	WE	10	G1	7" MEETING DELAYED #412/612, GRESHAM JCT; 2" PSGR HANDLING, PRAIRIE ST; 4" EFFICIENCY TEST.
	0503	Aug 27	WE	6	I	4" WOT RI612,GRESHAM; 4" HEAVY OETRAINING, O. FOR.& H.CRK; 1" DEP. ACCT PSGR, LSS.
	0503	Aug 29	FR	12	I	3" MEETING INBOUND, GRSHM; 2" MEETING INBOUND, 95TH; 2" NO REASON GIVEN, 111TH; 4" SLOW ENTRAINING/DETRAINING, OAK FOREST
SWS	0822	Aug 5	TU	59	F1	57" LATE TURN OF DELAYED #807; 2" NO REASON GIVEN.
	81%OT 0822	Aug 12	TU	9	D1	10" MEETING AMTK851/#811, CP518
	0822	Aug 25	MO	8	D	6" IHB #BAX6 CLEARING CP RIDGE; 5" AMTRAK #49 CLEARING AHEAD, 21ST ST
	0822	Aug 27	WE	8	D	5" FRT TRN INT/MEETING DELAYED #811, CP 518; 4" AMTRAK #365 AHEAD, LUMBER ST (SINGLE TRACKING).
SWS	0837	Aug 4	MO	26	GW	26" FLAGGING CP 518 AND BELT JCT (SIG PROBS)
	81%OT 0837	Aug 13	WE	11	G1	11" LATE TURN OFF #838, CUS.
	0837	Aug 20	WE	31	G	36" HANDL-LINING SWITCHES, CP 518
	0837	Aug 29	FR	10	D	14" X-TRAFFIC, BELT JUNCTION
UPN	0324	Aug 5	TU	10	RL	10" DELAYED #322 AHEAD.
	81%OT 0324	Aug 6	WE	16	I1	16" X/O AFTER DELAYED #326 CLEARED HIGHLAND PK
	0324	Aug 18	MO	12	E1	12" DELAYED #322 AHEAD.
	0324	Aug 25	MO	31	R1	28" LATE TURN OF DELAYED #313; 3" DELAYED #328 AHEAD.
UPN	0352	Aug 4	MO	7	I	7" SLOW ENTRAINING ENROUTE.
	43%OT 0352	Aug 6	WE	11	I	11" HEAVY ENTRAINING/DETRAINING AND RULE 6.30 ENROUTE
	0352	Aug 7	TH	10	I	10" HEAVY/SLOW ENTRAINING, EVANSTON/MAIN-CLYBOURN
	0352	Aug 8	FR	10	I	10" HEAVY ENTRAINING ENROUTE.
	0352	Aug 11	MO	11	I	11" HEAVY ENTRAINING ENROUTE.
	0352	Aug 15	FR	13	I	13" HEAVY ENTRAINING/DETRAINING ENROUTE.
	0352	Aug 18	MO	7	I	7" HEAVY ENTRAINING ENROUTE.
	0352	Aug 20	WE	12	I	12" ENTRAINING/RULE 6.30 ENROUTE.
	0352	Aug 21	TH	12	I	12" HEAVY ENTRAINING ALL STATIONS
	0352	Aug 22	FR	17	I	17" HEAVY ENTRAINING, LK BLUFF, LK FOREST, RAV PK, DAVIS ST, RAVENSWOOD
	0352	Aug 26	TU	7	I	7" ENTRAINING ENROUTE.
0352	Aug 28	TH	11	I	11" HEAVY ENTRAINING, WAUKEGAN TO BRAESIDE; SLOW DETRAINING, RAVINIA PK TO DAVIS STREET.	
UPN	0356	Aug 1	FR	10	I	10" HEAVY ENTRAINING ENROUTE.
	71%OT 0356	Aug 5	TU	12	I	12" HEAVY ENTRAINING ENROUTE.
	0356	Aug 8	FR	11	I	11" SLOW ENTRAINING/DETRAINING ENROUTE.
	0356	Aug 22	FR	8	I	8" HEAVY ENTRAINING, RAV PK.
	0356	Aug 28	TH	8	I	8" HEAVY ENTRAINING, WAUKEGAN TO LAKE FOREST
	0356	Aug 29	FR	12	G	12" TRACK CIRCUIT OUT, RP.

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

Line	Train	Date	Day	Minutes Delay		Delay Explanation	
				Late	Code		
UPN	0359	Aug 5	TU	9	I	9" HEAVY/SLOW ENTRAINING/DETRAINING ENROUTE.	
29%OT	0359	Aug 6	WE	11	II	12" LATE TURN OF DELAYED #352 & HEAVY ENTRAINING/DETRAINING ENROUTE	
	0359	Aug 7	TH	14	II	10" LATE TURN OF DELAYED #352; 4" HEAVY ENTRAINING/DETRAINING, CLYBOURN-RAVINIA PK.	
	0359	Aug 11	MO	11	II	11" LATE TURN OF DELAYED #352.	
	0359	Aug 12	TU	19	I	12" LATE TURN OFF #352 (NO DELAY FOR #352); HEAVY ENTRAINING/ DETRAINING ENROUTE, CLYBOURN--HIGHLAND PK.	
	0359	Aug 13	WE	9	II	9" LATE TURN OFF #352	
	0359	Aug 15	FR	13	II	13" LATE TURN OF DELAYED #352.	
	0359	Aug 18	MO	10	II	7" LATE TURN OF DELAYED #352; 3" HEAVY ENTRAINING/DETRAINING ENROUTE	
	0359	Aug 20	WE	14	II	14" "LATE ARRIVAL OF #352."	
	0359	Aug 21	TH	9	II	12" LATE TURN OFF #352, OTC.	
	0359	Aug 22	FR	24	II	17" LATE TURN OFF #352; SLOW DETRAINING, RAV PK	
	0359	Aug 26	TU	9	F	9" EQUIP SWAP (B/O RADIO ON ORIGINAL CAB CAR), OTC	
	0359	Aug 27	WE	8	II	8" LATE TURN OF DELAYED #352.	
	0359	Aug 28	TH	17	II	11" LATE ARRIVAL OF #352; HEAVY ENTRAINING AND DETRAINING, RVSWD TO RAVINIA PK.	
	0359	Aug 29	FR	25	G	25" TRACK CIRCUIT OUT, RP	
	UPN	0361	Aug 4	MO	10	IW	10" HEAVY ENTRAINING/DETRAINING ENROUTE.
	24%OT	0361	Aug 5	TU	13	I	13" HEAVY ENTRAINING/DETRAINING ENROUTE AND S/O, MP 30.25- 30.75 AND 34.0-35.2.
		0361	Aug 6	WE	20	I	20" HEAVY ENTRAINING/DETRAINING ENROUTE.
0361		Aug 7	TH	23	I	10" LATE ARRIVAL OF EQUIP, OTC; 13" HEAVY ENTRAINING/DETRAINING ENROUTE (RAVINIA PK).	
0361		Aug 11	MO	10	I	10" HEAVY/SLOW ENTRAINING/DETRAINING ENROUTE	
0361		Aug 12	TU	10	I	10" HEAVY ENTRAINING/DETRAINING ENROUTE, CLYBOURN--GLENCOE	
0361		Aug 13	WE	10	I	10" HEAVY ENTRAINING/DETRAINING, CLYBOURN--HIGHLAND PK	
0361		Aug 14	TH	10	I	10" HEAVY ENTRAINING/DETRAINING ENROUTE, CLYBOURN--BRAESIDE	
0361		Aug 15	FR	10	I	10" HEAVY ENTRAINING/DETRAINING ENROUTE.	
0361		Aug 18	MO	10	I	10" HEAVY ENTRAINING/DETRAINING ENROUTE.	
0361		Aug 19	TU	8	I	8" HEAVY ENTRAINING ENROUTE.	
0361		Aug 20	WE	15	I	15" HEAVY ENTRAINING/DETRAINING ENROUTE.	
0361		Aug 21	TH	10	I	10" HEAVY ENTRAINING/DETRAINING, CLYBOURN--BRAESIDE	
0361		Aug 26	TU	9	I	9" ENTRAINING ENROUTE.	
0361		Aug 28	TH	10	I	10" HEAVY ENTRAINING/DETRAINING, RAVENSWOOD TO LAKE FOREST	
0361	Aug 29	FR	42	G	42" TRACK CIRCUIT OUT, RP.		
UPN	0362	Aug 1	FR	10	I	10" HEAVY ENTRAINING ENROUTE.	
14%OT	0362	Aug 4	MO	10	IW	10" LATE TURN OF DELAYED #361.	
	0362	Aug 5	TU	11	II	13" LATE TURN OF DELAYED #361.	
	0362	Aug 6	WE	10	II	10" LATE TURN OF DELAYED #361.	
	0362	Aug 7	TH	30	II	23" LATE TURN OF DELAYED #361; 5" HEAVY ENTRAINING/DETRAINING ENROUTE (RAVINIA PK).	
	0362	Aug 11	MO	10	II	10" LATE TURN OF DELAYED #361.	
	0362	Aug 12	TU	10	II	10" LATE TURN OFF #361, WAUKEGAN.	
	0362	Aug 13	WE	10	II	10" LATE TURN OFF #361, WAUK.	
	0362	Aug 14	TH	10	II	10" LATE TURN OFF #361, WAUK.	
	0362	Aug 15	FR	15	II	10" LATE TURN OF DELAYED #361; 5" SLOW ENTRAINING/DETRAINING ENROUTE	
	0362	Aug 18	MO	15	II	10" LATE TURN OF DELAYED #361; 5" SLOW ENTRAINING/DETRAINING ENROUTE	
	0362	Aug 19	TU	7	I	7" HEAVY ENTRAINING ENROUTE.	
	0362	Aug 20	WE	15	II	15" LATE TURN OF DELAYED #361.	
	0362	Aug 21	TH	15	II	10" LATE TURN OFF #361; HEAVY ENTRAINING, GRT LKS--BRAESIDE; SLOW DETRAINING, WINNETKA; WAITED FOR SIGNAL, FRT SHERIDAN	
	0362	Aug 22	FR	24	I	24" HEAVY ENTRAINING, RAV PK.	
	0362	Aug 26	TU	10	II	5" LATE TURN OF DELAYED #361; 5" SLOW ENTRAINING/DETRAINING ENROUTE	
	0362	Aug 28	TH	10	II	10" LATE ARRIVAL OF #361.	
	0362	Aug 29	FR	46	G1	42" LATE TURN OFF #361	

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

Line	Train	Date	Day	Minutes Delay		Delay Explanation
				Late	Code	
UPW	0066	Aug 4	MO	12	RL	26" LATE TURN OF DELAYED #63.
76%OT	0066	Aug 20	WE	9	L1	9" MEETING #67, PARK.
	0066	Aug 26	TU	19	E1	13" LATE TURN OF DELAYED #63; 6" #MASPR-25 CLEARING AHEAD, PARK
	0066	Aug 27	WE	8	D	8" #ZSCCS-26 AHEAD, WEST CHICAGO.
	0066	Aug 29	FR	20	D	20" MPEPR-28/TRAIN CONTROL AHEAD, PECK; SLOW ENTRAINING ENROUTE
UPW	0070	Aug 1	FR	28	D	28" #ZSCCS-31 AHEAD FROM WEST CHICAGO.
81%OT	0070	Aug 4	MO	32	KW	35" LATE TURN OF DELAYED #67.R.
	0070	Aug 15	FR	43	G	43" CAD SYSTEM FAILURE/CREW THREW SWITCHES AND FLAGGED, KEDZIE
	0070	Aug 26	TU	20	D	20" #CBTW-23 AHEAD, PECK.
UPW	0073	Aug 1	FR	11	D	11" FRT TRN INT, PROVO JCT AND HEAVY DETRAINING ENROUTE
81%OT	0073	Aug 4	MO	36	IW	12" FLAGGING TOWER A2 (PLANT FAILURE); 24" SLOW ENTRAINING/ DETRAINING ENROUTE.
	0073	Aug 15	FR	0	XG	ANNULLED ACCT CAD SYSTEM FAILURE/ PICKED UP 71'S SHORTS THEN TIED ONTO 71 FOR DEAD CREW THEN ALL SHORTS FROM 71/73 TRNSFRD TO #11.
	0073	Aug 21	TH	25	L	25" HELD ACCT SUICIDE ATTEMPT (17 YR OLD), BERKLEY.

Data is final (09/12/08) version from TOPS.

P:\ONTIME\report\[WeekdayTrainsBelow85%_table.xls]2008Aug OT<85% 09/19/2008

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

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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

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TABLE 6: NUMBER OF DELAYS BY DATE
August 2008

WEEKDAY	1	4	5	6	7	8	11	12	13	14	15	18	19	20	21	22	25	26	27	28	29	TOTAL
	Fr	Mo	Tu	We	Th	Fr	Mo	Tu	We	Th	Fr	Mo	Tu	We	Th	Fr	Mo	Tu	We	Th	Fr	
BNSF	18	3	4	2	1	1	1	0	8	1	1	4	1	6	1	2	0	30	9	2	1	96
Elec -ML	2	10	22	0	1	5	0	0	0	1	0	1	0	1	1	1	0	2	0	1	0	48
-BI	1	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	0	0	0	6
-SC	2	4	9	0	1	0	0	0	0	0	0	0	0	1	1	3	0	5	0	0	0	26
Heritage	0	0	4	1	3	0	0	1	1	1	0	1	0	0	1	1	1	1	1	0	0	17
Milw -N	3	8	9	1	1	0	5	1	1	6	3	15	1	3	7	0	0	0	5	2	1	72
-W	17	5	15	0	3	0	0	3	0	0	0	4	2	0	10	1	2	1	0	0	2	65
NCS	2	1	1	0	0	0	2	0	0	1	0	1	3	0	0	0	0	0	1	0	0	12
RI	1	1	20	1	0	1	0	0	0	0	1	2	0	3	1	6	1	1	1	0	2	42
SWS	2	7	5	1	2	2	3	2	7	0	0	0	0	5	0	0	2	0	1	0	2	41
UP -N	4	9	11	8	6	3	6	3	5	2	10	11	4	7	5	4	13	8	2	6	11	138
-NW	5	7	3	2	3	1	0	0	0	0	1	7	0	0	2	1	3	0	0	0	0	35
-W	5	8	2	2	0	1	0	1	0	4	7	0	2	2	1	2	2	5	2	2	6	54
SYSTEM	62	63	107	18	21	14	17	11	23	16	23	46	13	28	30	21	24	55	22	13	25	652

SATURDAY	2	9	16	23	30	TOTAL
BNSF	5	0	2	3	5	15
Elec -ML	0	0	0	0	0	0
-BI	0	0	0	0	0	0
-SC	0	0	0	0	0	0
Heritage	-	-	-	-	-	-
Milw -N	2	2	4	3	5	16
-W	2	0	4	0	1	7
NCS	-	-	-	-	-	-
RI	1	1	1	2	1	6
SWS	-	-	-	-	-	-
UP -N	7	4	0	2	7	20
-NW	1	3	2	1	0	7
-W	5	0	2	0	4	11
SYSTEM	23	10	15	11	23	82

SUNDAY/HOLIDAY	3	10	17	24	31	TOTAL
BNSF	2	0	2	3	2	9
Elec -ML	0	0	1	0	2	3
-BI	-	-	-	-	-	-
-SC	1	0	0	0	0	1
Heritage	-	-	-	-	-	-
Milw -N	3	0	3	4	4	14
-W	3	0	4	0	5	12
NCS	-	-	-	-	-	-
RI	0	0	2	0	0	2
SWS	-	-	-	-	-	-
UP -N	1	5	3	1	4	14
-NW	3	0	0	0	0	3
-W	5	3	4	1	0	13
SYSTEM	18	8	19	9	17	71

Data is final (09/12/08) version from TOPS.

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

August 2008

CAUSE CATEGORY	BNSF	Electric			HER	Milw		NCS	RI	SWS	Union Pacific			SYSTEM
		ML	BI	SC		N	W				N	NW	W	
Passenger Train Interference	0	3	0	1	0	0	0	0	0	0	0	0	0	4
<i>Freight Interference - Peak</i>	7	0	0	0	6	2	0	1	4	2	0	1	0	23
<i>Freight Interference - Off-Peak</i>	8	0	0	0	0	8	3	2	1	10	2	0	25	59
Freight Interference - Total	15	0	0	0	6	10	3	3	5	12	2	1	25	82
Accident	7	2	2	5	0	0	0	0	0	0	0	0	0	16
Passenger Loading	18	3	0	4	0	20	12	0	5	0	100	17	9	188
Lift Deployment	0	0	0	0	1	12	3	1	4	0	1	2	2	26
Obstruction/Debris	1	0	0	0	0	0	1	0	3	0	1	1	0	7
Signal/Switch Failure	9	6	0	3	5	28	10	4	5	14	14	0	10	108
Track Work	33	0	0	1	1	5	10	0	3	1	6	1	6	67
Catenary Failure	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Non-Locomotive Equipment Failure	0	7	1	1	0	1	0	0	0	4	1	0	0	15
Locomotive Failure	2	0	0	0	0	4	17	2	1	2	9	1	3	41
Human Error	18	1	0	0	0	7	3	0	3	0	25	7	13	77
Sick, Injured, Unruly Passenger	1	1	0	1	0	6	5	0	0	0	3	2	1	20
Weather	9	26	2	11	3	9	20	2	19	8	7	9	6	131
Other	7	2	0	0	1	0	0	0	2	0	3	4	3	22
TOTAL TRAINS DELAYED	120	51	6	27	17	102	84	12	50	41	172	45	78	805

August - 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	3	1	1	0	1	3	3	2	2	1	1	1	1	19
<i>Freight Interference - Peak</i>	9	0	0	0	4	1	1	3	1	5	0	1	6	31
<i>Freight Interference - Off-Peak</i>	7	0	0	0	0	5	4	1	3	8	1	2	27	57
Freight Interference - Total	15	0	0	0	4	6	5	3	4	12	1	4	33	87
Accident	23	0	0	1	1	1	9	2	5	1	0	6	8	57
Passenger Loading	8	5	2	2	0	9	3	0	8	0	42	11	11	101
Lift Deployment	1	0	0	0	0	3	2	0	2	0	1	1	3	14
Obstruction/Debris	14	3	2	2	0	4	3	0	2	0	3	5	6	45
Signal/Switch Failure	7	9	1	2	2	12	14	5	5	9	5	5	14	88
Track Work	6	2	1	9	1	4	6	2	2	2	18	6	5	62
Catenary Failure	0	1	0	1	0	0	0	0	0	0	0	0	0	3
Non-Locomotive Equipment Failure	1	4	1	0	0	1	0	0	1	0	2	0	1	13
Locomotive Failure	8	0	0	0	0	5	4	0	2	0	1	4	4	29
Human Error	8	3	1	1	1	9	8	2	7	1	7	9	2	57
Sick, Injured, Unruly Passenger	3	5	1	0	0	3	1	0	2	0	4	2	1	23
Weather	7	6	2	1	1	4	10	3	5	2	7	10	10	68
Other	1	3	0	0	0	3	1	1	3	1	2	2	2	20
TOTAL TRAINS DELAYED	106	43	13	19	11	66	69	21	48	31	93	65	101	686

August 2008 Divergence From August 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	-3	2	-1	1	-1	-3	-3	-2	-2	-1	-1	-1	-1	-15
<i>Freight Interference - Peak</i>	-2	0	0	0	2	1	-1	-2	3	-3	0	0	-6	-8
<i>Freight Interference - Off-Peak</i>	1	0	0	0	0	3	-1	1	-2	2	1	-2	-2	2
Freight Interference - Total	0	0	0	0	2	4	-2	0	1	0	1	-3	-8	-5
Accident	-16	2	2	4	-1	-1	-9	-2	-5	-1	0	-6	-8	-41
Passenger Loading	10	-2	-2	2	0	11	9	0	-3	0	58	6	-2	87
Lift Deployment	-1	0	0	0	1	9	1	1	2	0	0	1	-1	12
Obstruction/Debris	-13	-3	-2	-2	0	-4	-2	0	1	0	-2	-4	-6	-38
Signal/Switch Failure	2	-3	-1	1	3	16	-4	-1	0	5	9	-5	-4	20
Track Work	27	-2	-1	-8	0	1	4	-2	1	-1	-12	-5	1	5
Catenary Failure	0	-1	1	-1	0	0	0	0	0	0	0	0	0	-2
Non-Locomotive Equipment Failure	-1	3	0	1	0	0	0	0	-1	4	-1	0	-1	2
Locomotive Failure	-6	0	0	0	0	-1	13	2	-1	2	8	-3	-1	12
Human Error	10	-2	-1	-1	-1	-2	-5	-2	-4	-1	18	-2	11	20
Sick, Injured, Unruly Passenger	-2	-4	-1	1	0	3	4	0	-2	0	-1	0	0	-3
Weather	2	20	0	10	2	5	10	-1	14	6	0	-1	-4	63
Other	6	-1	0	0	1	-3	-1	-1	-1	-1	1	2	1	2
TOTAL TRAINS DELAYED	14	8	-7	8	6	36	15	-9	2	10	79	-20	-23	119

Data for current month is final (09/12/08) version from TOPS.

P:\ONTIME\report\DelaysByCause16Cats.xls>LastMonthByLine 09/18/2008

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 - Aug	
Passenger Train Interference	30	30	17	7	3	6	8	4					105	1.9%
<i>Freight Interference - Peak</i>	29	38	27	30	17	35	28	23					227	4.0%
<i>Freight Interference - Off-Peak</i>	71	81	78	51	46	39	47	59					472	8.4%
Freight Interference - Total	100	119	105	81	63	74	75	82					699	12.4%
Accident	81	33	36	34	57	44	11	16					312	5.6%
Passenger Loading	72	76	80	22	62	193	203	188					896	16.0%
Lift Deployment	24	14	18	20	15	15	16	26					148	2.6%
Obstruction/Debris	46	55	18	21	10	40	30	7					227	4.0%
Signal/Switch Failure	174	99	124	128	83	94	90	108					900	16.0%
Track Work	19	11	24	54	35	73	61	67					344	6.1%
Catenary Failure	16	2	5	0	2	0	0	1					26	0.5%
Non-Locomotive Equipment Failure	55	15	10	9	6	14	14	15					138	2.5%
Locomotive Failure	39	44	34	45	9	24	43	41					279	5.0%
Human Error	57	58	39	30	46	52	65	77					424	7.6%
Sick, Injured, Unruly Passenger	43	25	18	21	20	29	38	20					214	3.8%
Weather	173	277	32	10	10	23	29	131					685	12.2%
Other	25	43	22	39	19	33	15	22					218	3.9%
TOTAL TRAINS DELAYED	954	901	582	521	440	714	698	805					5,615	100%

Data for current month is final (09/12/08) version from TOPS.

2007

CAUSE CATEGORY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan - Aug	
Passenger Train Interference	15	33	23	9	27	20	17	24	12	12	19	26	168	2.8%
<i>Freight Interference - Peak</i>	22	41	35	28	18	44	14	27	33	22	39	23	229	3.8%
<i>Freight Interference - Off-Peak</i>	51	92	91	81	77	64	52	72	54	55	61	66	580	9.6%
Freight Interference - Total	73	133	126	109	95	108	66	99	87	77	100	89	809	13.3%
Accident	29	28	8	2	3	40	13	56	37	32	54	63	179	3.0%
Passenger Loading	38	22	52	15	55	153	335	127	56	37	61	92	797	13.1%
Lift Deployment	9	26	9	8	11	16	14	9	7	11	10	19	102	1.7%
Obstruction/Debris	25	49	25	33	33	22	21	55	20	34	15	34	263	4.3%
Signal/Switch Failure	64	267	60	67	85	68	63	95	116	59	79	122	769	12.7%
Track Work	31	24	22	56	50	97	114	126	134	86	43	47	520	8.6%
Catenary Failure	0	0	4	3	26	5	5	1	6	3	0	0	44	0.7%
Non-Locomotive Equipment Failure	11	31	17	11	10	5	12	14	6	10	16	5	111	1.8%
Locomotive Failure	26	26	39	14	45	43	13	36	34	29	24	62	242	4.0%
Human Error	54	98	107	54	82	55	45	83	70	79	55	67	578	9.5%
Sick, Injured, Unruly Passenger	23	23	17	32	19	28	32	34	33	26	22	48	208	3.4%
Weather	30	542	25	53	0	28	35	264	12	30	14	224	977	16.1%
Other	22	52	48	31	25	51	42	23	26	31	64	25	294	4.9%
TOTAL TRAINS DELAYED	450	1,354	582	497	566	739	827	1,046	656	556	576	923	6,061	100%

P:\ONTIME\report\DelaysByCause16Cats.xls\AllMonths 09/18/2008

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

	BNSF	HER	Milw		NCS	RI	SWS	Union Pacific			SYSTEM
			N	W				N	NW	W	
Sep-06	18	10	12	1	2	5	31	0	6	30	115
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
Total	289	61	133	76	87	63	160	12	43	466	1,390
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
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
Total	132	65	126	65	75	69	136	31	67	285	1,051

Data for current month is final (09/12/08) version from TOPS.

P:\ONTIME\report\[DelaysByCause16Cats.xls]Freight- YTD, 2 yrs 09/18/2008

**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			Lifts	% of All
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD	Delays
BNSF	1	1	3	0	0	1	0	0					6	0.73%
Electric ML	0	0	0	0	0	0	0	0					0	0.00%
Electric BI	0	0	0	0	0	0	0	0					0	0.00%
Electric SC	0	0	0	0	0	0	0	0					0	0.00%
HER	0	0	0	0	0	0	0	1					1	0.92%
Milw N	2	0	3	4	6	1	8	12					36	5.81%
Milw W	1	2	2	1	1	3	8	3					21	5.12%
NCS	2	1	0	2	1	0	0	1					7	3.76%
RI	9	4	5	0	5	6	0	4					33	7.22%
SWS	0	0	0	1	0	0	0	0					1	0.41%
UP N	3	2	2	0	0	1	0	1					9	0.92%
UP NW	3	3	2	9	0	3	0	2					22	3.69%
UP W	3	1	1	3	2	0	0	2					12	1.90%
Total Lift Delays	24	14	18	20	15	15	16	26					148	2.64%
ALL DELAYS													5,615	

Data for current month is final (09/12/08) version from TOPS.

2007

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

TABLE 11: FREQUENCY OF TRAIN DELAYS BY DURATION

August 2008

Minutes	BNSF	Electric			Her	Milwaukee		NCS	RI	SWS	UP			System
		ML	BI	SC		N	W				N	NW	W	
Peak *														
6-10	24	14	2	3	9	15	11	5	15	6	18	5	8	135
11-15	11	3	0	1	4	4	11	4	5	2	15	3	3	66
16-20	3	2	1	0	3	1	4	0	2	1	7	0	1	25
21+	8	13	1	0	1	6	7	0	2	2	11	1	5	57
Annulled	<u>7</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>2</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>10</u>
Sub-Total	53	32	4	4	17	26	35	9	24	11	51	9	18	293
Off-Peak **														
6-10	19	6	0	8	0	23	21	2	17	10	56	12	21	195
11-15	15	3	0	4	0	24	12	1	3	5	26	8	10	111
16-20	13	1	0	2	0	15	8	0	2	6	8	8	7	70
21+	16	8	2	9	0	14	7	0	3	9	30	8	20	126
Annulled	<u>4</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>2</u>	<u>10</u>
Sub-Total	67	19	2	23	0	76	49	3	26	30	121	36	60	512
August 2008 Total														
6-10	43	20	2	11	9	38	32	7	32	16	74	17	29	330
11-15	26	6	0	5	4	28	23	5	8	7	41	11	13	177
16-20	16	3	1	2	3	16	12	0	4	7	15	8	8	95
21+	24	21	3	9	1	20	14	0	5	11	41	9	25	183
Annulled	<u>11</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>3</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>3</u>	<u>20</u>
TOTAL	120	51	6	27	17	102	84	12	50	41	172	45	78	805
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	
August 2008 Total														
6-10	35.8%	39.2%	33.3%	40.7%	52.9%	37.3%	38.1%	58.3%	64.0%	39.0%	43.0%	37.8%	37.2%	41.0%
11-15	21.7%	11.8%	0.0%	18.5%	23.5%	27.5%	27.4%	41.7%	16.0%	17.1%	23.8%	24.4%	16.7%	22.0%
16-20	13.3%	5.9%	16.7%	7.4%	17.6%	15.7%	14.3%	0.0%	8.0%	17.1%	8.7%	17.8%	10.3%	11.8%
21+	20.0%	41.2%	50.0%	33.3%	5.9%	19.6%	16.7%	0.0%	10.0%	26.8%	23.8%	20.0%	32.1%	22.7%
Annulled	<u>9.2%</u>	<u>2.0%</u>	<u>0.0%</u>	<u>0.0%</u>	<u>0.0%</u>	<u>0.0%</u>	<u>3.6%</u>	<u>0.0%</u>	<u>2.0%</u>	<u>0.0%</u>	<u>0.6%</u>	<u>0.0%</u>	<u>3.8%</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%
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 (09/12/08) version from TOPS.

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

August 2008

	BNSF	Electric			Her	Milwaukee		NCS	RI	SWS	UP			System
		ML	BI	SC		N	W				N	NW	W	
Peak *	16.7	17.6	13.3	8.8	11.6	14.2	15.2	10.2	11.1	13.0	19.3	19.1	15.1	15.6
Off-Peak **	18.4	25.7	52.0	20.4	--	17.9	16.5	10.3	12.5	20.0	17.1	17.2	21.5	18.3
All	17.7	20.5	26.2	18.7	11.6	16.9	16.0	10.3	11.8	18.1	17.8	17.6	20.1	17.3

Year-to-Date

	BNSF	Electric			Her	Milwaukee		NCS	RI	SWS	UP			System
		ML	BI	SC		N	W				N	NW	W	
Peak *	17.1	15.9	17.1	11.4	13.0	18.5	14.1	16.8	12.7	12.9	13.6	20.2	13.8	15.7
Off-Peak **	16.4	14.7	12.7	13.6	--	16.5	15.8	18.3	11.4	17.4	12.9	17.8	16.7	15.3
All	16.8	15.4	14.5	13.3	13.0	17.0	15.1	17.4	12.0	15.8	13.1	18.9	15.7	15.5

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 (09/12/08) version from TOPS.