# COMMUTER RAIL SYSTEM ON-TIME PERFORMANCE REPORT December 2009



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This report presents an analysis of the December 2009 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 2009, Metra operated 17,424 scheduled trains, including 'extras'. 938 of these trains were delayed (late or annulled), representing an on-time performance rate of 94.6%. Table 2 lists on-time percentages by line for each month and year since 2004. Table 3 lists each train that was on time for less than 85% of its weekday runs in December 2009, 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 2009.

Table 7.a shows the frequency of train delays by delay-cause category and by line during December 2009. 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 938 delays systemwide in December 2009, 25 less than the average over the previous five Decembers. Table 8.a shows delays from the beginning of the year through December 2009. 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 2009 and 2008 respectively. From January through December of 2009, a total of 8,785 trains were delayed, compared to 9,403 trains delayed in the same twelve months of 2008.

Table 10 shows, by line and month, all train delays caused by freight operations over the past 24 months. In December 2009 freight operations delayed 87 trains systemwide, compared to 64 a year earlier. Tables 11.a and 11.b display the frequency of lift-deployment train delays by line and month, for 2009 and 2008 respectively. A total of 21 trains were delayed by lift deployment in December 2009.

A review of December 2009 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 51.3% of all late trains. Table 13 shows that the average length of delay was 17.5 minutes in December 2009. 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 2009 annual train delays by cause and by line. The top two causes for each line are highlighted. Annual system causes of delay for 2004 to 2009 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.

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TABLE 1: SCHEDULED AND DELAYED TRAINS, AND ON-TIME PERFORMANCE BY SERVICE PERIOD AND LINE December 2009

				W	eekday	S						Weel	kends				Total	
	Peak*		Off	Off-Peak**			Total	T.	Saturdays		Sunday	s & Ho	lidays					
	Trains Scheduled	Trains Late	Percent On-Time															
BNSF	1,170	77	93.4%	890	25	97.2%	2,060	102	95.0%	112	3	97.3%	90	2	97.8%	2,262	107	95.3%
Elec -ML	984	80	91.9%	753	52	93.1%	1,737	132	92.4%	184	2	98.9%	100	1	99.0%	2,021	135	93.3%
-BI	308	26	91.6%	506	25	95.1%	814	51	93.7%	120	2	98.3%				934	53	94.3%
-SC	<u>374</u>	<u>15</u>	96.0%	<u>814</u>	<u>25</u>	96.9%	<u>1,188</u>	<u>40</u>	96.6%	<u>192</u>	<u>4</u>	97.9%	<u>100</u>	<u>1</u>	99.0%	<u>1,480</u>	<u>45</u>	97.0%
Subtotal	1,666	121	92.7%	2,073	102	95.1%	3,739	223	94.0%	496	8	98.4%	200	2	99.0%	4,435	233	94.7%
Heritage	130	15	88.5%	2	0	100.0%	132	15	88.6%							132	15	88.6%
Milw -N	546	25	95.4%	774	64	91.7%	1,320	89	93.3%	96	7	92.7%	100	2	98.0%	1,516	98	93.5%
-W	<u>590</u>	<u> 26</u>	95.6%	<u>685</u>	<u>46</u>	93.3%	1,275	<u>72</u>	94.4%	<u>96</u>	<u>5</u>	94.8%	<u>90</u>	<u>5</u>	94.4%	<u>1,461</u>	<u>82</u>	94.4%
Subtotal	1,136	51	95.5%	1,459	110	92.5%	2,595	161	93.8%	192	12	93.8%	190	7	96.3%	2,977	180	94.0%
NCS	240	21	91.3%	244	13	94.7%	484	34	93.0%							484	34	93.0%
RI	783	30	96.2%	709	52	92.7%	1,492	82	94.5%	80	18	77.5%	80	6	92.5%	1,652	106	93.6%
sws	242	9	96.3%	418	16	96.2%	660	25	96.2%	24	1	95.8%				684	26	96.2%
UP -N	652	28	95.7%	886	39	95.6%	1,538	67	95.6%	104	14	86.5%	91	4	95.6%	1,733	85	95.1%
-NW	716	27	96.2%	710	19	97.3%	1,426	46	96.8%	96	28	70.8%	75	8	89.3%	1,597	82	94.9%
-W	<u>588</u>	<u>19</u>	96.8%	<u>710</u>	<u>23</u>	96.8%	1,298	<u>42</u>	96.8%	<u>80</u>	<u>13</u>	83.8%	<u>90</u>	<u>15</u>	83.3%	<u>1,468</u>	<u>70</u>	95.2%
Subtotal	1,956	74	96.2%	2,306	81	96.5%	4,262	155	96.4%	280	55	80.4%	256	27	89.5%	4,798	237	95.1%
SYSTEM	7,323	398	94.6%	8,101	399	95.1%	15,424	797	94.8%	1,184	97	91.8%	816	44	94.6%	17,424	938	94.6%

<sup>\*</sup>Includes peak direction trains operating during weekday peak periods. \*\*Includes all other weekday trains.

Delays data for most recent month is final (01/14/10) version from TOPS.

TABLE 2: ON-TIME PERFORMANCE BY LINE/BRANCH

														JAN-	
LINE YE	AR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DEC	AVG
BNSF 20	004	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%
	005	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%
20	006	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%
20	007	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%
20	800	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%
	009	85.4	94.1	97.5	96.5	94.6	90.9	95.1	91.2	96.0	89.7	97.3	95.3	93.6%	93.6%
2004-2008 aver	age	94.2	93.2	96.6	97.6	97.2	95.5	96.1	95.3	95.4	94.9	94.5	92.9	95.3%	95.3%
Electric 20	004	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%
20	005	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%
	006	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%
	007	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%
	800	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%
	009	96.7	98.5	98.7	99.1	98.6	95.7	97.2	97.2	97.2	97.7	98.5	94.7	97.5%	97.5%
2004-2008 aver	age	98.2	98.3	98.6	98.8	98.6	97.8	97.8	98.2	97.8	98.1	98.0	97.9	98.2%	98.2%
Heritage 20	004	95.2	96.7	94.9	95.5	90.0	84.8	91.3	91.7	93.7	92.1	97.6	98.6	93.5%	93.5%
20	005	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%
20	006	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%
20	007	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%
20	800	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%
	009	79.4	91.7	91.7	98.5	96.7	92.4	94.9	92.9	90.5	84.1	88.3	88.6	90.8%	90.8%
2004-2008 aver	age	95.5	91.1	91.7	91.9	91.5	91.5	91.6	90.2	91.8	91.1	94.5	90.1	91.9%	91.9%
Milw - N 20	004	95.0	94.8	98.1	97.3	91.5	94.2	96.5	96.9	95.7	95.3	94.8	94.6	95.4%	95.4%
20	005	90.4	98.4	97.5	95.4	95.7	94.3	92.4	95.8	95.6	97.7	91.3	88.3	94.4%	94.4%
20	006	92.7	97.3	95.6	97.1	93.9	93.5	90.6	95.4	94.2	92.8	89.3	92.6	93.7%	93.7%
20	007	96.0	89.5	95.6	94.0	96.0	93.0	92.0	95.0	94.1	95.2	93.7	88.1	93.6%	93.6%
	800	96.1	92.6	96.4	95.8	95.6	95.0	93.3	93.1	95.8	96.9	92.9	84.4	94.0%	94.0%
	009	85.9	97.3	97.1	95.5	95.4	94.7	96.0	95.1	96.2	96.3	95.3	93.5	94.9%	94.9%
2004-2008 aver	age	94.0	94.5	96.6	95.9	94.5	94.0	92.9	95.2	95.1	95.6	92.4	89.6	94.2%	94.2%
Milw - W 20	004	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%
20	005	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%
20	006	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%
	007	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%
	800	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%	96.4%
	009	92.6	96.3	97.4	99.2	98.6	96.3	97.9	95.4	99.2	99.2	98.8	94.4	97.1%	97.1%
2004-2008 aver	age	94.8	95.0	96.7	95.8	96.6	96.0	94.8	94.8	97.0	97.0	96.1	93.1	95.6%	95.6%
NCS 20	004	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%
	005	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%	
20	006	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%
	007	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%
	800	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%
	009	88.9	93.4	97.3	95.5	95.2	93.2	97.8	92.4	97.6	94.6	97.7	93.0	94.8%	
2004-2008 aver	age	93.8	94.1	94.3	92.3	94.9	91.8	94.0	94.7	94.0	94.8	93.4	90.7	93.6%	93.6%

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

													JAN-	
LINE YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DEC	AVG
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	96.3	93.7	94.2	97.4	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%
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%
2009	93.4	97.5	96.2	96.8	97.5	96.2	95.9	97.1	97.2	96.4	96.7	93.6	96.2%	96.2%
2004-2008 average	96.0	94.8	96.7	98.2	97.0	95.7	95.0	96.8	95.9	93.9	95.5	92.4	95.7%	95.7%
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%
2009	87.1	96.5	96.1	95.9	95.1	97.1	97.5	97.1	98.0	87.8	96.8	96.2	95.1%	95.1%
2004-2008 average	95.2	95.1	96.4	96.4	95.1	95.7	95.9	93.8	93.4	93.4	95.0	92.7	94.8%	94.8%
UP - N 2004	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%
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	97.4%	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	97.6%	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	95.4%	95.4%
2008	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%
2009	91.4	98.0	96.9	97.8	95.3	90.7	90.4	89.9	94.0	94.8	97.3	95.1	94.2%	94.2%
2004-2008 average	96.1	95.6	98.0	97.9	98.2	95.4	95.1	93.0	96.7	96.9	96.8	95.7	96.3%	96.3%
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%	
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%
2009	91.9	97.6	97.4	97.9	95.4	94.7	95.4	95.3	95.3	94.8	96.5	94.9	95.6%	95.6%
2004-2008 average	95.3	95.7	97.8	97.8	98.1	97.1	97.3	96.0	97.2	97.1	95.7	95.2	96.7%	96.7%
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%	93.7%
2009	92.3	97.3	95.5	97.2	97.2	94.3	95.7	92.5	95.2	94.7	97.8	95.2	95.4%	
2004-2008 average	94.0	94.0	95.3	96.2	95.6	94.7	95.6	93.6	94.4	94.3	94.1	92.0	94.5%	94.5%
SYSTEM 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	96.9%	96.9%
(excluding 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	96.3%	
South Shore) 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	96.3%	
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	95.7%	95.7%
2008	94.5	94.5	96.6	97.0	97.4	95.7	96.0	95.3	95.7	95.5	95.2	91.4	95.4%	95.4%
2009	91.6	97.1	97.3	97.6	96.7	94.3	95.8	94.6	96.4	95.2	97.4	94.6	95.7%	
2004-2008 average	95.8	95.6	97.2	97.4	97.2	96.0	95.9	95.8	96.3	96.1	95.7	94.2	96.1%	96.1%

Delays data for most recent month is final (01/14/10) version from TOPS.

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<sup>&#</sup>x27;2004-2008 average' calculated by summing the delays over the five years, summing the trains run over the five years, and calculating their ratio.

# TABLE 3: LIST OF WEEKDAY TRAINS LESS THAN 85% ON-TIME December 2009

Line Train	Date	Minutes Late		Delay Explanation
BNSF 1243	Wed, Dec 09	7	IW	SLOW UNLDG DUE TO WEATHER
77% OT	Thu, Dec 10	21	E	ENGINE FAILURE ON ENGINE 213 AT EOLA
777001	Fri, Dec 11	9	C	FOLLOWED Z-CHCSSE1-11, 1272 OPR MT1, MOW BROKEN FROG AT HIGHLANDS MT3
	111, Dec 11		C	TOLLOWED E-CHESSEL-11, 1272 OF KINTT, MOW BROKENTROOM THOREWASS MITS
	Mon, Dec 21	7	R	DEPARTED CUS 4ML, EXTRA BOARD YARDMASTER REPORTED WRONG TRAIN TO CUS
	Wed, Dec 23	7	IW	HVY UNLDG WITH WEATHER
BNSF 1251	Tue, Dec 08	7	IW	WEATHER RELATED UNLDG, WAITED FOR 1247 TO CLEAR HILL WEST
77% OT	Thu, Dec 10	11	FW	LATE EQ FROM YARD, DOOR PROBLEMS AT 14TH ST, DEPARTED CUS 10"
	Fri, Dec 11	9	C	FOLLOWED 1249 OUT OF CUS
	Mon, Dec 14	8	DD	CPK, MISROUTE, LINED BEHIND 1249
	Tue, Dec 15	7	D	WORKED SOUTH SIDE DG TO RT 59, 1280 OPR MT 1, WAITED FOR 1278 EAST
BNSF 1271	Mon, Dec 07	8	G	FLAGGED THROUGH CICERO "B"
68% OT	Wed, Dec 09	19	AM	LATE FROM YARD. CONGESTION ON TRACKS 6 AND 8 WITH 1276 UNLDG, AND LDG 1275, 1271
	Thu, Dec 10	8	G	HELD FOR 1292 AT EOLA, SWITCH FAILURES AT EOLA
	Fri, Dec 11	13	C	HELD AT CPK FOR 1282 AND 1284 EAST
	Tue, Dec 15	9	G	EOLA, SWITCH FAILURE, 1267 AHEAD TAKING SWITCHES ON HAND.
	Thu, Dec 17	8	G	HILL WEST, SWITCH FAILURE, TIME RAN ON SIGNAL AT HILL EAST
	Fri, Dec 18	12	G	HILL WEST, 1SW FAILED TO NORMAL
BNSF 1279	Mon, Dec 07	18	E1	FLAGGED THROUGH CICERO "B" AND HELD AT CPK ACCT OF DISABLED 1265
73% OT	Wed, Dec 09	11	AM	AMTRAK 59 IN AHEAD (4"), FOLLOWED 1277, 1271, 1275
	Fri, Dec 11	9	C	HELD AT CPK FOR 1282 AND 1284 EAST
	Tue, Dec 15	12	G	EOLA, SWITCH FAILURE, 1267 AHEAD TAKING SWITCHES ON HAND.
	Thu, Dec 17	10	G	HILL WEST, SWITCH FAILURE
	Fri, Dec 18	14	G	HILL WEST, 1SW FAILED TO NORMAL
BNSF 1281	Mon, Dec 07	8	Е	CAB SIGNAL FAILURE ON ENGINE 192
73% OT	Wed, Dec 09	9	AM	FOLLOWED OUT LATE TRAFFIC, 1275, 1279
	Thu, Dec 10	9	R	3" CUS WAITED FOR 1282 INBOUND, AND FOLLOWED DELAYED 1373 FV TO LISLE
	Fri, Dec 11	8	C	PROTECT ASHLAND AVE MP 13.87 AND FAIRVIEW AVE MP 20.39
	Thu, Dec 17	9	G	HILL WEST, SWITCH FAILURE
	Tue, Dec 29	8	A	HELD OUT WHILE A-383 WORKED MIDDLE AT LAGRANGE RD
BNSF 1293	Wed, Dec 02	10	KW	WHEEL SLIPPAGE DUE TO RAIN
77% OT	Thu, Dec 03	7	I	PASSENGER HANDLING AND ADA
	Wed, Dec 09	14	D	CICERO HELD FOR 1294 EAST IB 1MT BLOCKED BY Z-SSECHC9-06
	Fri, Dec 11	8	I	HVY PSGR LDG
	Mon, Dec 14	7	D	7" LINED BEHIND G-CSXWOH AT EOLA
BNSF 1373	Wed, Dec 09	10	E1	CAB SIGNAL FAILURE ON ENGINE 213
82% OT	Thu, Dec 10	12	R	LATE FLIP OFF 1284-1255 DEPARTED CUS 8"
	Fri, Dec 11	22	C	LATE FLIP OFF 1284, DEPARTED CUS 11" LATE
	Thu, Dec 17	7	G	HILL WEST, SWITCH FAILURE
HC 0914	Fri, Dec 04	8	D	2" S/O'S ENROUTE; 13" FRT X-TRAFFIC QCHPD604, CORWITH; SWITCH AND SIGNAL PROBLEMS, LEMOYNE.
77% OT	Fri, Dec 11	10	G	9" FLAGGED, OHIO ST; 2" X-TRAFFIC, BRIGHTON PK.
	Mon, Dec 14	8	D	10" CROSS TRAFFIC CP/CANAL 4" WAITING FOR LINE-UP, CERMAK.
	Mon, Dec 21	9	RF	6" WAITING FOR LINE-UP, LEMOYNE; $4"$ HAND-LINING SWITCHES, CER- MAK.
	Tue, Dec 22	28	D	21" HELD CP CANAL/ARGO FOR CN #M39591-20 SHOVING INTO GLENN YD (ADJACENT MAIN OCCUPED BY TRN); 2" FRT TRN INT, LEMOYNE.

TABLE 3 (continued): LIST OF WEEKDAY TRAINS LESS THAN 85% ON-TIME December 2009

Line Train	Date	Minutes Late	•	Delay Explanation
	Mon, Dec 07		G	15" SW #33 FAILED. KENSINGTON.
77% OT	Thu, Dec 10		II	4" WAITIGN FOR RID MEET, BI; 1" GX PROCEDURES, STATE; 3" SLOW ENTRAINING ENROUTE.
	Fri, Dec 11	16	AS	6" HELD FOR #205, MP 14.22; 4" HELD , MP 8.37; 6" FOLLOWING LOCAL, 67TH.
	Fri, Dec 18	8	A	3" WAITING FOR #205, 115TH; 5" CONGESTION, RANDOLPH.
	Thu, Dec 24	23	OW	23" WEATHER-RELATED PROBLEMS.
ELBI 0506	Thu, Dec 10	9	IW	9" CONMGESTION, 11TH TO RANDOLPH.
82% OT	Fri, Dec 18	10	A	10" CONGESTION, RANDOLPH.
	Thu, Dec 24	20	OW	20" WEATHER-RELATED PROBLEMS.
	Mon, Dec 28		FW	8" WAIT TO MEET #205, W. PULLMAN; 4" CONGESTION, KENS.
ELML 0106	Thu, Dec 10	7	OW	3" LATE DEPT NO REASON GIVEN, UP; 4" TRAINS AHEAD RANDOLPH DUE TO UNFOUNDED WIRE PROBLEM REPORTED BY SS9104
82% OT	Fri, Dec 11	6	I	6" PASSENGER LOADING
	Wed, Dec 16	9	I	3" "RUNNING TIME," UNIVERSITY PK-KENSINGTON; 2" NO REASON GIVENAT KENSINGTON; 4" CONGESTION, RANDOLPH.
	Thu, Dec 24	54	OW	54" WEATHER-RELATED PROBLEMS.
ELML 0111	Mon, Dec 07	6	I	6" HEAVY PASSENGER LOADING
73% OT	Thu, Dec 10	13	OW	5" LATE TURN OF #500 CREW, RANDOLPH; 6" FOLLOWING TRAINS, RAND TO 111TH; 2" X/O, 67TH. DUE TO UNFOUNDED REPORT OF WIRE PROBLEM BY SS9104
	Wed, Dec 23	7	OW	7" "WEATHER-RELATED PROBLEMS."
	Thu, Dec 24	74	OW	20" LATE TURN OF EQUIP; 54" WEATHER-RELATED PROBLEMS.
	Mon, Dec 28	33	01	33" WAITED FOR ALL NB'S THRU TRN #114, KENSINGTON.
	Wed, Dec 30	7	I	3" WAITING FOR LINE-UP, RANDOLPH; 4" ENTRAINING, CHI STATE UNIVAND HOMEWOOD-RICHTON PK.
ELML 0132	Tue, Dec 01	8	RD	4" PLANT-IN-TIME (WRONG LINE-UP), 51ST; 2" NO REASON GIVEN.
82% OT	Wed, Dec 23	9	OW	9" "DUE TO WEATHER CONDITIONS AND TRAVELING AT A LOW RATE OF SPEED. DELAYED AT RANDOLPH DUE TO CONGESTION."
	Thu, Dec 24	6	OW	4" WEATHER-RELATED PROBLEMS.
	Tue, Dec 29	30	F1	30" CONGESTION, RANDOLPH.
ELML 0136	Wed, Dec 23	11	OW	11" "WEATHER-RELATED PROBLEMS."
82% OT	Mon, Dec 28	10	G	2" YELLOW BOARD FROM 59TH TO 51ST; $3"$ RED SIG, M.P. $2.2;2"$ WAITING FOR SIG FROM VAN BUREN TO RAND.
	Tue, Dec 29	14	G	5" LATE TURN OF DELAYED #127; 15" SIG PROBS, MP 19.28-KENSING- TON.
	Thu, Dec 31	21	GW	20" SIG PROBS, HW AND HARVEY; 1" NO REASON GIVEN.
ELML 0147	Thu, Dec 03	8	T	7" TK CIRCUIT DOWN, 115TH AND HARVEY.
82% OT	Thu, Dec 10		J	15" MEDICAL EMERGENCY, FLOSSMOOR.
	Wed, Dec 23	11	OW	$5^{\circ}$ HELD FOR CONNECTIONS OFF #347, WOODLAWN; $6^{\circ}$ WEATHER-RELATED PROBLEM ENROUTE.
	Mon, Dec 28		IW	9" NO REASON GIVEN.
ELML 0704	Thu, Dec 10	8	OW	3" FOLLOWING #734, HARVEY TO 59TH; 5" CONGESTION, RANDOLPH. DUE TO UNFOUNDED REPORT OF WIRE PROBLEM BY SS9104
82% OT	Tue, Dec 15	7	A	2" RESTRICTING SIGS, 18TH-11TH PL; 5" CONGESTION, RANDOLPH.
	Fri, Dec 18		R1	4" FOLLOWING #734, 115TH; 16" CONGESTION, RANDOLPH.
	Thu, Dec 24		OW	110" WEATHER-RELATED PROBLEMS. COMBINED WITH #706.
73% OT	Mon, Dec 07 Thu, Dec 10		G1 OW	3" DELAYED #736 CLEARING AHEAD, KENSINGTON; 3" NO REASON GIVEN.  11" CONGESTION, 11TH TO RANDOLPH DUE TO UNFOUNDED REPORT OF WIRE
75 /0 UI				PROBLEM BY SS9104
	Fri, Dec 11	10	RD	10" FOLLOWING #758, MATTESON TO RANDOLPH.
	Fri, Dec 18		R1	13" CONGESTION, RANDOLPH.
	Thu, Dec 24		OW	ANNULLED. PSGRS ACCOMODATED ON DELAYED #704.
	Mon, Dec 28	15	O1	15" FOLLOWING TRN #758 AND #SS9112.

TABLE 3 (continued): LIST OF WEEKDAY TRAINS LESS THAN 85% ON-TIME December 2009

	Data	Minutes Late	•	Delay Explanation
Line Train				· -
ELML 0732		6	I	6" HEAVY PASSENGER LOADING
82% OT	Thu, Dec 10	9	OW	9" CONGESTION, RANDOLPH. DUE TO UNFOUNDED WIRE PROBLEM BY SS9104
	Thu, Dec 24	138	OW	128" WEATHER-RELATED PROBLEMS. COMBINED WITH #758/738.
	Thu, Dec 31	11	AS	11" DELAYED #752 AHEAD.
ELML 0736	Thu, Dec 10	9	OW	9" CONGESTION, 11TH TO RANDOLPH DUE TO UNFOUNDED REPORT OF WIRE
				PROBLEM BY SS9104
82% OT	Fri, Dec 18		R1	19" CONGESTION, RANDOLPH.
	Thu, Dec 24		OW	115" WEATHER-RELATED PROBLEMS.
	Mon, Dec 28		XO	ANNULED CAUGHT IN WIRE UNDER I-80 BRIDGE, CALUMET STATION.
	Thu, Dec 10		OW	9" CONGESTION, 11TH TO RANDOLPH.
82% OT	Fri, Dec 18		R1	12" CONGESTION, RANDOLPH.
	Thu, Dec 24		OW	ANNULLED. PSGRS ACCOMODATED ON DELAYED #732.
	Mon, Dec 28		01	9" NO REASON GIVEN.
	Wed, Dec 16		R	6" NO REASON GIVEN.
82% OT	Wed, Dec 23	10	OW	10" "WEATHER CONDITIONS AND TRAVELING AT A LOW RATE OF SPEED. DELAYED A"
				RANDOLPH DUE TO CONGESTION."
	Mon, Dec 28		A	13" HELD OUT DUE TO SWITCHING/CONGESTION, DEPOT.
	Tue, Dec 29	30	F1	30" CONGESTION, RANDOLPH.
MN 2101	Tue, Dec 08	7	I	7" SLOW DETRAINING ENROUTE.
77% OT	Thu, Dec 10	39	E1	25" LATE TURN FROM #2102, CUS.
	Fri, Dec 11	33	C1	29" LATE TURN FROM #2102, CUS; 2" WROTE DELAY BOARDING ENROUTE.
	Mon, Dec 28	11	G1	7" LATE TURN OF #2102, CUS; 3" ENTRAINING ENROUTE; 2" X-TRAFFIC, MAYFAIR.
	Tue, Dec 29	9	EW	11" LATE TURN OF DELAYED #2102.
MN 2102	Wed, Dec 09	7	D	7" FREIGHT TRAIN IN EMERGENCY, DEERFIELD.
77% OT	Thu, Dec 10	29	E	19" NO LOAD, TOOK #2104'S TRAIN, FOX LAKE.
	Fri, Dec 11	35	C	26" STOP FOR BROKEN RAIL @ M.P. 42.0; 2" NO REASON GIVEN, FOX LAKE.
	Mon, Dec 28	14	G	12" FLAGGED, CN XING; 2" NO REASON GIVEN.
	Tue, Dec 29		EW	28" AIR PROBS, PRAIRIE XING.
MN 2124	Thu, Dec 10		E1	15" HELD TO FOLLOW #2122, DEERFIELD; 7" TRAIN AHEAD, FOREST GLEN TO A2.
2124	Thu, Dec 10	21	Li	13 TILLED TO TOLLOW #2122, DELIN TELED, T. TRAIN MILAD, TORLST GLEN TO A2.
82% OT	Fri, Dec 11	15	D	11" RED DIG, LAKE FOREST E; 5" TRAIN AHEAD, A-5; 2" X-TRAFFIC, A-2.
	Wed, Dec 16	7	G	10" SIG DROPPED, GRAYLAND INT; 1" "TRAFFIC," TOWER A2.
	Mon, Dec 28	9	G1	9" FOLLOWING #2122 ENROUTE.
MN 2149	Thu, Dec 10	48	M1	48" AMTRAK #7 STRUCK PED, LAKE FOREST.
77% OT	Mon, Dec 14	16	K1	19" MEETING DELAYED #2156 OFF THE J LINE, RONDOUT.
	Mon, Dec 21	10	G1	8" MEETING DELAYED #2156, RONDOUT; 5" FRT TRN INT, CP/WC XING.
	Wed, Dec 23	6	GW	4" MEETING #2136 OFF THE J LINE, RONDOUT; 4" RED SIG, CP/WC XING.
	Mon, Dec 28	7	G	6" WAITING FOR #2156 TO CLEAR, RONDOUT; $4"$ RED SIGNAL, CN XING.
MN 2151	Wed, Dec 02	16	D1	11" MEETING DELAYED #2158 OFF THE J LINE, RONDOUT; 7" FRT TRN INT, CP/WC XING.
55% OT	Tue, Dec 08	10	G1	10" MEETING DELAYED #2158 OFF THE J LINE, RONDOUT.
	Thu, Dec 10		M1	35" AMTRAK #7 STRUCK PED, LAKE FOREST.
	Fri, Dec 11	8	AM	10" WAITING FOR #2158 TO CLEAR, RONDOUT.
	Mon, Dec 14	15	K1	4" LATE TURN OF DELAYED #2152; 15" MEETING DELAYED #2158 OFF THE J LINE, RONDOUT.
	Fri, Dec 18	7	D	7" 183-18 AHEAD, A5.
	Mon, Dec 21		G1	28" MEETING DELAYED #2158 OFF THE J LINE.
	Wed, Dec 23		IW	4" ICY PLATFORMS; 3" MEETING #2158 OFF THE J LINE, RONDOUT.
	Mon, Dec 28		G1	3" X-TRAFFIC, MAYFAIR; 6" WAITING FOR #2158 TO CLEAR, RONDOUT.
	Tue, Dec 29		Е	4" MEETING DELAYED #2158 OFF THE J LINE, RONDOUT; 48" LOCO FAILURE, LONG
				LAKE.

TABLE 3 (continued): LIST OF WEEKDAY TRAINS LESS THAN 85% ON-TIME December 2009

		Minutes	Delay	
Line Train	Date	Late	Code	Delay Explanation
MN 2153	Wed, Dec 02	52	Е	30" LOCO #110 FAILED, WESTERN AVE (SWAPPED EQUIP W/2156); 23" STOPPED SHORT OF ROUND LAKE (PER ROUND LAKE PD).
82% OT	Wed, Dec 09	13	D	13" WAITING FOR 183-09 AND #121 TO CLEAR, A5.
	Fri, Dec 11	19	AM	12" RAN 2MT, A5 TO MAYFAIR; 8" FRT X-TRAFFIC, CN XING.
	Mon, Dec 14	6	D	7" CP #183-14 AHEAD, TOWER A5-TOWER A20.
MN 2155	Wed, Dec 02	60	E1	60" MEETING DELAYED #2160, GRAYSLAKE.
73% OT	Wed, Dec 09	12	I	7" ENTRAINING/DETRAINING ENROUTE.
	Thu, Dec 10	13	M1	11" AMTRAK #7 STRUCK PED, LAKE FOREST; 2" STOP SIG WAIT ON #2160, RONDOUT.
	Fri, Dec 11	15	AM	11" STOP WAIT ON #2160 TO CLEAR FOX LAKE SUB, RONDOUT.
	Mon, Dec 14	10	K1	10" LATE TURN OF DELAYED #2158.
	Fri, Dec 18	10	U	10" ITEM 1, TOUHY AVE; 2 ADA'S, LIBERTYVILLE.
MN 2156	Wed, Dec 02	0	E1	ANNULLED WESTERN AVE (EQUIP USED FOR DISABLED #2153). PSGRS FORWARDED ONTO CUS ON-BOARD AMTRAK #342-ARRIVING CUS 2128 HRS.
68% OT	Tue, Dec 08	11	G1	13" CP/WC XING-4" DELAYED #120 CLEARING/9"DELAYED #120 AHEAD.
	Wed, Dec 09	8	D	5" HELD FOR #2143, FOX LAKE; $6"$ WAITING FOR 183-09 AND #121 TO CLEAR, A5.
	Thu, Dec 10	39	M1	39" AMTRAK #7 STRUCK PED, LAKE FOREST.
	Fri, Dec 11	33	AM	10" WAITIGN FOR #2143 TO CLEAR, FOX LAKE; 20" WAITIGN FOR AMTRAK #341 TO CLEAR, MAYFAIR; 1" NO REASON GIVEN.
	Mon, Dec 14	23	K1	$16^{\circ}$ MEETING DELAYED #2147, GRAYSLAKE; 7" CP #282-13 AHEAD, RONDOUT-TOWER A20.
	Mon, Dec 21	11	G	11" FLAGGING CP/WC XING; 7" WAITING FOR #2143, FOX LAKE.
MN 2158	Wed, Dec 02	10	D	12" FRT TRN INT, CP/WC XING.
77% OT	Thu, Dec 10	11	M1	11" AMTRAK #7 STRUCK PED, LAKE FOREST.
	Mon, Dec 14	13	K1	18" MEETING DELAYED #2149, GRAYSLAKE.
	Mon, Dec 21	32	G1	32" FLAGGING CP/WC XING.
	Wed, Dec 23	7	G1	7" WAITING FOR #2149 TO ARRIVE, GRAYSLAKE.
MN 2159	Wed, Dec 02	33	E1	40" LATE TURN OF DELAYED #2160.
82% OT	Thu, Dec 10	83	С	85" STOP TO LET TRK INSPECTOR AHEAD TO INSPECT BROKEN RAIL, M.P. 40.0.
	Tue, Dec 15	13	G	5" SW FAILURE (COMM ED POWER OUTAGE), TOWER A2; $8"$ MAINTAINER WORKING, TOWER A20.
	Wed, Dec 23	13	GW	$5^{\circ}$ RED SIG, CP/WX ING; $7^{\circ}$ FOLLOWING WSOR, GRAYSLAKE-FOX LAKE (WSOR TALKING BY SIG, WEST END GRAYSLAKE SIDING).
MW 2218	Thu, Dec 10	15	I1	6" LATE DEPT FOLLOWING #2216, BARTLETT; 5" FOLLOWING #2216, SCHAUMBURG; 3" DOOR PROBLEMS CC #8532, MONT CLARE; 2" X-TRAFFIC, A2.
82% OT	Fri, Dec 11	10	U1	7" BEHIND #2216, B35 TO BARTLETT; 3" DOOR PROBLEMS, MARS.
	Mon, Dec 14	33	E	25" MECHANICAL PROBS, BARTLETT; 1" STOP SIG, EAST ITASCA; 4" ENTRAINING ENROUTE; 3" NO REASON GIVEN.
	Mon, Dec 28	26	E1	26" FOLLOWING #22149 ENROUTE.
MW 2228	Tue, Dec 08	8	U	3" ADA, BARTLETT; 3" ADA, ITASCA; 3" SLOW ENTRAINING (WEATHER) ENROUTE; 1" WAITING FOR LINE-UP, LAKE ST.
73% OT	Thu, Dec 10	10	E1	9" LATE TURN OF #2205, BTR; 2" ITEM 2, GRAND AVE; 3" SLOW ENTRAINING ENROUTE.
	Fri, Dec 11	10	U1	5" LATE TURN OF #2205( NO DELAY GIVEN), BTR; $3"$ ADA, WOODDALE; $4"$ SWITCH FAILURE, A2.
	Wed, Dec 16	8	U	4" LATE TURN OF DELAYED #2205; 2" ADA, WOODDALE; 2" S/O, YORK RD.
	Fri, Dec 18	7	I1	4" LATE EQU, BTR; 1" ADA, WOODDALE; 3" MEN ON TK, WESTERN TO CUS.
	Mon, Dec 21	6	U	4" SLOW ENTRAINING ENROUTE; 2" ADA ON, WOODDALE.

TABLE 3 (continued): LIST OF WEEKDAY TRAINS LESS THAN 85% ON-TIME December 2009

			Minutes	Delay	
Lin	e Train	Date	Late	Code	Delay Explanation
MW	V 2254	Wed, Dec 09	12	IW	8" ENTRAINING/DETRAINING ACCT WEATHER ENROUTE; 8" WAITING FOR CP FRT TO
					CLEAR, A5.
	82% OT	Thu, Dec 10	10	M1	10" MADE STOPS FOR PSGRS @ GRAND/CICERO AND HANOVER PK.
		Mon, Dec 14	18	D1	15" LATE TURN OF DELAYED #2249; 4" "STOP SIGNAL," TOWER B17.
		Fri, Dec 18	9	D	9" STOP SIGNAL ACCT FRT COMING OUT OF UP YARD, GALEWOOD.
MW	2255	Wed, Dec 09	18	IW	13" LATE TURN FROM #2254, CUS; 5" POLICE REMOVED PSGR, WESTERN.
	82% OT	Thu, Dec 10	16	J	5" LATE EQUIP #2246, CUS; $10"$ SICK PSGR REMOVED, WESTERN; $1"$ ADA, BENSENVILLE
		Mon, Dec 14	11	R	12" NO REASON GIVEN.
		Tue, Dec 15	14	G	14" HAND-LINING SWITCHES, TOWER B12 (TRK LIGHT LEFT BEHIND AFTER CN #A446 CLEARED).
NCS	S 0100	Thu, Dec 10	27	D	27" FRT X-TRAFFIC, MUNDELEIN.
	77% OT	Fri, Dec 11	10	D	8" FRT X-TRAFFIC, GRAYSLAKE; 7" FRT X-TRAFFIC, DEVAL.
		Mon, Dec 14		D	8" FRT TRN INT, GRAYSLAKE; 1" NO REASON GIVEN.
		Wed, Dec 23		I	9" QUESTIONABLE DISPATCHING-WAIT FOR PSGRS; 5" SIGNAL, DEVAL.
		Mon, Dec 28		G	25" CTC FAILURE ENROUTE.
RI	0505	Fri, Dec 04		AM	5" WAITING FOR #616, 81ST; 3" WAITING FOR AMTRAK #300, JUD.
	59% OT	Mon, Dec 07		CC	5" MET #616, 81ST; 4" ENTRAINING/DETRAINING, 115TH & TINLEY/80.
		Thu, Dec 10		CC	3" #614 AND 412 WASH AHEAD, PERSHING; 2" #616 AHEAD, CP81.
		Mon, Dec 14	9	CC	5" MEETING #616, 81ST; 5" MEETING #508, MOKENA (SINGLE TRACK- ING-MOW).
		W I D 16	10	CC	OF MEETING DELAYED 1/17 010T 21 MEETING 1/507 MOVENA (GINGLE TDACKING
		Wed, Dec 16	12	CC	9" MEETING DELAYED #616, 81ST; 3" MEETING #506, MOKENA (SINGLE TRACKING-BROKEN JOINT BOLT, MP 32.5).
		Thu, Dec 17	7	E1	5" WAITING FOR #616, 81ST; 3" #416/506 IN DEPOT, OAK FOREST.
		Thu, Dec 17		GW	8" WEATHER-RELATED SW/SIG PROBS.
		Mon, Dec 28		RD	5" WAIT FOR DELAYED #616, 81ST; 1" NO REASON GIVEN.
		Wed, Dec 30		GW	32" PLANT FAILURE, GRESHAM JCT.
RI	0506	Mon, Dec 14		U	2" SLOW ENTRAINING, MOKENA-OAK FOREST; 4" ADA ON, 123RD/OFF, 95TH.
		,			,,,,,,,,,,,,,,,,
	82% OT	Thu, Dec 17	52	E1	$20^\circ$ COUPLING ONTO #416, TP80TH; 37" WAITING FOR #416 SHORTS THEN MAKING ALL RUNS INTO LSS.
		Tue, Dec 22	6	U	2" ADA ON, BRAINERD; 2" HEAVY ENTRAINING ENROUTE; 4" RESTRICTEDSPEED, THROOP-81ST.
		Thu, Dec 24	7	GW	8" WEATHER-RELATED SW/SIG PROBS.
RI	0508	Wed, Dec 16	12	RD	3" NO REASON GIVEN, JUD; 4" RED SIG, 66TH CT.
	82% OT	Mon, Dec 21	8	C1	8" LATE TURN OFF 503 DELAYED FOR SINGLE TRACK GH
		Wed, Dec 23	9	D	6" CN #675 CLEARING EJE XING; 3" RULE 6.30 W/507, BLUE ISLAND.
		Wed, Dec 30	52	GW	41" LATE TURN OF DELAYED #503; 4" DISABLED AMTRAK #351 STOPPED ACROSS-THE-
					DIAMONDS, ENGLEWOOD; 7" NO REASON GIVEN.
RI	0509	Wed, Dec 09	12	G	2" NO REASON GIVEN, OAKFOREST-JOLIET; 10" SWITCH PROBLEM, CP RICHARDS.
	82% OT	Wed, Dec 16	8	U	4" FRT TRN INT, 16TH/CLARK; 3" FRT TRN INT, ENGLEWOOD; 2" ADA, OAK FOREST; 3"
	0270 01	., ea, 2 ee 10	Ü		MEETING X409, CP 35.5 (SINGLE TRACKING-TRK REPAIR, MP 38.9).
		Wed, Dec 23	7	F	5" MEETING DELAYED #508, 81ST; 5" DOORS WOULD NOT CLOSE (7270),111TH. HAD TO MOVE PSGRS TO NEXT COACH FOR DETRAINING.
		Thu, Dec 24	6	IW	6" OPERATING WITH AN EIGHT-CAR CONSIST.
RI	0513	Wed, Dec 09		G	7" SWITCH FAILURE, UD TOWER.
	82% OT	Wed, Dec 23		U	3" ADA, 95TH; 3" ADA, OAK FOREST; 1" NO REASON GIVEN.
		Thu, Dec 24		IW	6" SLOW ENTRAINING ENROUTE; 2" NO REASON GIVEN.
		Thu, Dec 31	7	I	7" PASSENGER LOADING

TABLE 3 (continued): LIST OF WEEKDAY TRAINS LESS THAN 85% ON-TIME December 2009

Line Train	Date	Minutes Late		Delay Explanation
	Wed, Dec 09	18	J	18" WAIT ON METRA POLICE TO REMOVE 2 PASSENGERS FOR VERBAL ALTERCATION 107TH STREET.
82% OT	Tue, Dec 15	10	D	10" IAIS #512 W/B AHEAD, EJE XING-JUD.
	Tue, Dec 22	11	J	9" PSGR PROBS, 95TH; 2" NO REASON GIVEN.
	Thu, Dec 24		KW	5" LATE TURN OF DELAYED #420; 2" NO REASON GIVEN.
SWS 0838	Mon, Dec 07	7	RA	8" RED SIG, 21ST.
82% OT	Wed, Dec 09	30	GW	28" SWITCH FAILURE, BELT JCT; 2" NO REASON GIVEN.
	Mon, Dec 21	8	D	8" NS #BC31 CLEARING CP 518.
	Mon, Dec 28	7	D1	4" WAIT FOR #833, ASHBURN.
UPN 0336	Wed, Dec 02	7	J	$17^{\prime\prime}$ MOW, MP 19.5-16.0 & 5.56-5.0 AND REMOVAL OF UNRULY PSGR, EVANSTON/MAIN.
73% OT	Tue, Dec 15	7	G	7" ATS PENATLY APPLICATION, MP 18.25 AND EFFICIENY TEST, ERIE ST. TRACK CIRCUIT PROBLEM CAUSING ATS APP.
	Fri, Dec 18	7	I	7" HEAVY ENTRAINING, GREAT LAKES & LK FOREST & HIGHLAND PK.
	Mon, Dec 21	7	I	7" HEAVY ENTRAINING ENROUTE.
	Tue, Dec 22	18	I	18" HEAVY ENTRAINING ENROUTE.
	Wed, Dec 23	7	IW	7" HEAVY ENTRAINING (NORTH CHICAGO-EVANSTON/CENTRAL AND ROGERS PK).
UPN 0352	Tue, Dec 01	8	I	8" SLOW ENTRAINING, NORTH CHICAGO-GLENCOE AND EVANSTON/CENTRAL-RAVENSWOOD.
50% OT	Wed, Dec 02	8	I	8" RULE 6.30 ENROUTE & HEAVY ENTRAINING, EVANSTON/DAVIS-RAVENS-WOOD.
	Fri, Dec 04	10	I	10" HEAVY ENTRAINING ENROUTE; MET N/B FLEET ENROUTE; 2 ADA'S ENROUTE.
	Mon, Dec 07	7	I	7" SLOW ENTRAINING/DETRAINING AND RULE 6.30 ENROUTE.
	Tue, Dec 08	7	IW	7" SLOW ENTRAINING ENROUTE (WEATHER)/RULE 6.30 ENROUTE.
	Thu, Dec 10	8	IW	8" SLOW PASSENGER ENTRAINING/DETRAINING ENROUTE;
	Fri, Dec 11	7	IW	7" SLOW ENTRAINING ENROUTE ACCT WEATHER; MET N/B FLEET ENROUTE.
	Mon, Dec 14	8	I	8" SLOW ENTRAINING, NORTH CHICAGO-LAKE FOREST & EVANSTON/CEN- TRALCLYBOURN AND RULE $6.30$ ENROUTE.
	Tue, Dec 15	7	IW	7" SLOW ENTRAINING/RULE 6.30 ENROUTE.
	Fri, Dec 18	7	I	7" HEAVY ENTRAINING ENROUTE.
	Tue, Dec 22	7	I	7" HEAVY ENTRAINING/RULE 6.30 ENROUTE.
UPN 0359	Tue, Dec 01	8	I1	8" LATE TURN OF DELAYED #352.
59% OT	Fri, Dec 04	10	I1	10" LATE TURN OF #352, OTC.
	Mon, Dec 07	9	I1	7" LATE TURN OF DELAYED #352; 2" HEAVY DETRAINING, CLYBOURN- ROGERS PK.
	Tue, Dec 08	9	IW	7" LATE TURN OF DELAYED #352; 2" SLOW DETRAINING, RAVENSWOODEVANSTON/CENTRAL.
	Mon, Dec 14	9	I1	8" LATE TURN OF DELAYED #352; 2" HEAVY DETRAINING, EVANSTON/ DAVIS.
	Tue, Dec 15	7	IW	7" LATE TURN OF DELAYED #352.
	Fri, Dec 18		F1	9" WAITING FOR # 354, OTC.
	Tue, Dec 22		I1	7" LATE TURN OF DELAYED #352; 2" HEAVY DETRAINING, RAVENSWOOD &ROGERS PK.
	Wed, Dec 30	7	IW	2" LATE TURN OF DELAYED #352; 5" HEAVY DETRAINING, CLYBOURN-EVANSTON/CENTRAL.

TABLE 3 (continued): LIST OF WEEKDAY TRAINS LESS THAN 85% ON-TIME December 2009

			Minutes	Delay	
Line	Train	Date	Late	Code	Delay Explanation
UPNW	0652	Fri, Dec 04	10	I	10" HEAVY ENTRAINING ENROUTE; 3 ADA'S ENROUTE.
73%	6 OT	Wed, Dec 09	7	I	SLOW PASSENGER ENTRAINING/DETRAINING BAD WEATHER ENROUTE.
		Thu, Dec 10	7	I	7" ADA LIFT, BARRINGTON; SLOW PASSENGER ENTRAINING/DETRAINING ENROUTE.
		Fri, Dec 11	16	U1	9" LATE TURN OF #621, CRYSTAL LAKE; 7" SLOW ENTRAINING, CRYSTAL LAKE TO MT PROSPECT.
		Wed, Dec 23	17	IW	5" LATE TURN OF DELAYED #621; 12" SLOW ENTRAINING ENROUTE.
		Tue, Dec 29	7	V	7" ATS PROBS ENROUTE.
UPW	0056	Fri, Dec 04	16	F	16" RAN ON DISP BLOCKS ACCT MOTION LIGHT WAS BURNT OUT ON CC #8441, ELBURN TO OTC.
82%	6 OT	Tue, Dec 08	8	G	8" DEAD TRK, CLBURN-MP 41.2 AND SLOW ENTRAINING ENROUTE (DUE TO WEATHER).
		Fri, Dec 11	26	V	26" B/O ATC OPERATED ON BLOCKS, ELBURN TO OTC; SLOW ENTRAINING, WINFIELD TO ELMHURST; X-TRAFFIC, A2.
		Wed, Dec 16	41	D	41" #MNPPRB-16/AG3GE-16 AHEAD, WINFIELD.

Data is final (01/14/10) version from TOPS.

 $P: \label{lem:continuous} P: \label{lem:co$ 

**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	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
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
Н	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
IΒ	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

TABLE 5: DELAY CODES SORTED BY CAUSE CATEGORY

CATE	CORV	CATE	GORY
	Definition		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	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
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 M1	ACCIDENT  Dight of Way Assident/Miss Train Ahead	XB	Train Annulled - Engineering Dept.
M1 M	Right of Way Accident/Misc., Train Ahead	XH XR	Train Annulled - Mechanical Dept. Train Annulled - Transportation Dept.
XM	Right of Way Accident/Misc. Train Annulled - Right of Way Accident/Misc.	14	SICK, INJURED, UNRULY PASSENGER
5	PASSENGER LOADING	J1	Passenger Problems/Removal Train Ahead
II	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 XK	Suspicious Package(s)/Person(s)/Activity Train Annulled - Obstruction	HW IW	Human Error, Mech. Dept., Weather 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 10	Contractor Failure CATENARY FAILURE	Q1	Late Issuance of Track Warrant, Train Ahead Late Issuance of Track Warrant
CO	Scheduled Wire Work	Q S1	Operational (Efficiency) Testing, Train Ahead
01	AC/DC System Failure, Train Ahead	S	Operational (Efficiency) Testing, Train Anead Operational (Efficiency) Testing
0	AC/DC System Failure, Train Alleau 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

TABLE 6: NUMBER OF DELAYS BY DATE December 2009

WEEKDAY	1	2	3	4	7	8			11			16					23	24	28	29	30	31	TOTAL
	Tu	We	Th	Fr	Мо	Tu	We	Th	Fr	Mo	Tu	We	Th	Fr	Mo	Tu	We	Th	Мо	Tu	We	Th	
BNSF	1	2	1	1	10	2	12	18	23	4	4	0	4	5	2	1	4	1	0	2	0	5	102
Elec -ML	1	1	1	0	3	0	1	12	3	1	1	2	1	10	1	0	19	36	16	10	3	10	132
-BI	0	0	1	0	6	0	0	4	1	1	1	4	2	2	1	0	10	9	5	1	1	2	51
-SC	0	0	0	1	1	1	1	2	0	0	0	1	0	1	1	4	11	9	3	4	0	0	40
Heritage	0	0	0	1	0	1	0	3	4	1	0	0	0	1	2	1	1	0	0	0	0	0	15
Milw -N	0	8	0	0	0	3	4	25	9	8	1	1	0	2	4	2	4	3	9	6	0	0	89
-W	0	0	1	2	8	1	2	24	5	4	3	2	0	4	1	2	4	2	5	0	2	0	72
NCS	0	0	0	0	0	5	0	11	4	3	0	0	0	0	2	0	1	0	8	0	0	0	34
RI	0	0	0	2	2	4	6	10	0	4	1	9	3	0	1	2	6	14	2	2	12	2	82
sws	0	1	0	2	2	3	2	6	0	0	0	0	0	3	1	2	1	1	1	0	0	0	25
UP -N	4	4	0	9	11	3	3	1	3	3	4	0	2	8	1	4	3	0	3	0	1	0	67
-NW	1	0	0	1	0	2	13	5	6	0	0	2	1	1	0	2	4	0	3	1	4	0	46
-W	0	0	0	<u>2</u>	<u>2</u>	<u>3</u>	<u>1</u>	1	<u>4</u>	<u>1</u>	1	<u>4</u>	<u>2</u>	<u>2</u>	1	<u>3</u>	0	0	<u>4</u>	<u>1</u>	<u>10</u>	<u>0</u>	<u>42</u>
SYSTEM	7	16	4	21	45	28	45	122	62	30	16	25	15	39	18	23	68	75	59	27	33	19	797
SATURDAY	5	12	19	26		T	TOT	AL			SU	JND	AY/	но	LID	AY	6	13	20	25	27		TOTAL
BNSF	1	2	0	0				3			BN	NSF					2	0	0	0	0		2
Elec -ML	0	2	0	0				2			Ele	ec ·	-ML				0	0	1	0	0		1
-BI	0	0	1	1				2					-BI				-	-	-	-	-		-
-SC	0	4	0	0				4					-SC				0	1	0	0	0		1
Heritage	-	-	-	-				-			Не	eritaș	ge				-	-	-	-	-		-
Milw -N	0	2	2	3				7			Mi	ilw ·	-N				0	1	0	0	1		2
-W	1	2	1	1				5					-W				2	0	0	2	1		5
NCS	-	-	-	-				-			NO	CS					-	-	-	-	-		-
RI	2	3	9	4				18			RI	• •					0	3	0	2	1		6
sws	0	0	0	1				1			SV	VS					-	-	-	-	-		-
UP -N	2	6	1	5				14			UI	•	-N				1	1	0	1	1		4
-NW	4	8	9	7				28					-NW	•			1	2	3	1	1		8
-W	<u>2</u>	<u>6</u>	0	<u>5</u>				<u>13</u>					-W				<u>1</u>	<u>6</u>	<u>2</u>	<u>3</u>	<u>3</u>		<u>15</u>
SYSTEM	12	35	23	27				97			SY	STE	ΣM				7	14	6	9	8		44

Data is final (01/14/10) version from TOPS.

 $P: \label{lem:port} $$P:\DelaysByDate.xls]$ DelaysByDate-Month $$1/14/2010$$ 

TABLES 7.a, 7.b & 7.c: FREQUENCY OF TRAIN DELAYS BY CAUSE AND LINE December 2009

		]	Electric			Mil	w				Un	ion Pacif	ic	
CAUSE CATEGORY	BNSF	ML	BI	SC	HER	N	W	NCS	RI	SWS	N	NW	W	SYSTEM
Passenger Train Interference	5	6	3	3	1	6	2	2	2	0	0	0	1	31
Freight Interference - Peak	5	0	0	0	5	2	0	5	1	5	1	1	4	29
Freight Interference - Off-Peak	8	0	0	0	0	8	7	4	3	5	4	0	19	58
Freight Interference - Total	13	0	0	0	5	10	7	9	4	10	5	1	23	87
Accident	0	1	0	3	0	13	18	3	0	0	0	0	0	38
Passenger Loading	3	10	4	2	1	3	9	2	12	1	29	20	17	113
Lift Deployment	1	0	0	0	0	1	6	0	6	0	4	3	0	21
Obstruction/Debris	1	0	7	1	0	10	0	3	1	1	1	10	0	35
Signal/Switch Failure	24	5	3	3	3	19	6	13	10	2	6	9	6	109
Track Work	21	0	0	0	0	4	1	0	11	2	4	3	0	46
Catenary Failure	0	9	0	0	0	0	0	0	0	0	0	0	0	9
Non-Locomotive Equipment Failure	3	8	5	5	0	4	1	0	1	0	7	0	1	35
Locomotive Failure	16	0	0	0	0	13	19	2	6	0	2	1	2	61
Human Error	6	12	1	4	1	2	3	0	9	2	10	6	3	59
Sick, Injured, Unruly Passenger	2	4	1	1	0	0	2	0	5	0	2	3	0	20
Weather	9	77	28	21	4	13	6	0	38	8	14	23	16	257
Other	3	3	1	2	0	0	2	0	1	0	1	3	1	17
TOTAL TRAINS DELAYED	107	135	53	45	15	98	82	34	106	26	85	82	70	938

**December - Average Over Previous Five Years: 2004-2008** 

			Electric			Mil	w				Ur	ion Pacif	ic	
CAUSE CATEGORY	BNSF	ML	BI	SC	HER	N	W	NCS	RI	SWS	N	NW	W	SYSTEM
Passenger Train Interference	6	4	1	1	0	12	7	2	4	1	1	1	2	40
Freight Interference - Peak	8	0	0	0	3	2	1	2	3	6	1	4	11	43
Freight Interference - Off-Peak	11	0	0	0	0	9	5	3	4	8	1	2	27	71
Freight Interference - Total	19	0	0	0	4	12	7	5	7	14	1	6	38	114
Accident	12	0	1	0	0	7	7	2	5	1	8	6	6	55
Passenger Loading	13	3	2	1	0	18	8	1	17	0	12	6	11	92
Lift Deployment	1	0	0	0	0	3	2	1	6	0	1	2	2	18
Obstruction/Debris	5	0	1	2	1	5	5	0	8	2	1	6	3	39
Signal/Switch Failure	26	6	1	2	4	17	19	5	10	5	4	7	7	113
Track Work	13	2	0	3	0	8	2	2	4	0	2	2	3	40
Catenary Failure	0	1	1	1	0	0	0	0	0	0	0	0	0	4
Non-Locomotive Equipment Failure	0	3	2	0	0	1	0	0	1	0	0	1	1	10
Locomotive Failure	12	0	0	0	0	5	4	2	9	1	3	3	3	41
Human Error	17	1	1	2	1	6	4	2	9	2	8	5	6	63
Sick, Injured, Unruly Passenger	2	6	1	1	0	3	4	0	4	0	1	3	1	26
Weather	29	25	9	6	3	50	25	11	34	11	20	21	29	272
Other	2	1	0	1	0	6	7	1	4	0	5	5	2	35
TOTAL TRAINS DELAYED	160	52	18	20	13	152	100	34	123	37	67	75	114	963

December 2009 Divergence From December Average Over Previous Five Years

		]	Electric			Mil	w				Un	ion Pacif	ic	
CAUSE CATEGORY	BNSF	ML	BI	SC	HER	N	W	NCS	RI	SWS	N	NW	W	SYSTEM
Passenger Train Interference	-1	2	2	2	1	-6	-5	0	-2	-1	-1	-1	-1	-9
Freight Interference - Peak	-3	0	0	0	2	0	-1	3	-2	-1	0	-3	-7	-14
Freight Interference - Off-Peak	-3	0	0	0	0	-1	2	1	-1	-3	3	-2	-8	-13
Freight Interference - Total	-6	0	0	0	1	-2	0	4	-3	-4	4	-5	-15	-27
Accident	-12	1	-1	3	0	6	11	1	-5	-1	-8	-6	-6	-17
Passenger Loading	-10	7	2	1	1	-15	1	1	-5	1	17	14	6	21
Lift Deployment	0	0	0	0	0	-2	4	-1	0	0	3	1	-2	3
Obstruction/Debris	-4	0	6	-1	-1	5	-5	3	-7	-1	0	4	-3	-4
Signal/Switch Failure	-2	-1	2	1	-1	2	-13	8	0	-3	2	2	-1	-4
Track Work	8	-2	0	-3	0	-4	-1	-2	7	2	2	1	-3	6
Catenary Failure	0	8	-1	-1	0	0	0	0	0	0	0	0	0	5
Non-Locomotive Equipment Failure	3	5	3	5	0	3	1	0	0	0	7	-1	0	25
Locomotive Failure	4	0	0	0	0	8	15	0	-3	-1	-1	-2	-1	20
Human Error	-11	11	0	2	0	-4	-1	-2	0	0	2	1	-3	-4
Sick, Injured, Unruly Passenger	0	-2	0	0	0	-3	-2	0	1	0	1	0	-1	-6
Weather	-20	52	19	15	1	-37	-19	-11	4	-3	-6	2	-13	-15
Other	1	2	1	1	0	-6	-5	-1	-3	0	-4	-2	-1	-18
TOTAL TRAINS DELAYED	-53	83	35	25	2	-54	-18	0	-17	-11	18	7	-44	-25

Data for current month is final (01/14/10) version from TOPS.

P:\ONTIME\report\[DelaysByCause16Cats.xls]LastMonthByLine 01/14/2010

TABLES 8.a, 8.b & 8.c: FREQUENCY OF TRAIN DELAYS BY CAUSE AND LINE January-December 2009

			Electric			Mil					T I so	ion Pacifi		
	l													
CAUSE CATEGORY	BNSF	ML	BI	SC	HER	N	W	NCS	RI	SWS	N	NW	W	SYSTEM
Passenger Train Interference	68	38	15	8	9	35	19	21	29	16	16	13	17	304
Freight Interference - Peak	92	0	0	0	53	11	15	36	17	41	6	32	41	344
Freight Interference - Off-Peak	89	0	0	0	0	55	46	45	40	133	9	15	88	520
Freight Interference - Total	181	0	0	0	53	66	61	81	57	174	15	47	129	864
Accident	53	20	2	23	2	19	39	7	11	8	29	44	4	261
Passenger Loading	79	193	91	56	1	60	22	5	100	2	495	171	93	1,368
Lift Deployment	36	3	1	0	0	18	8	7	76	3	42	25	36	255
Obstruction/Debris	126	15	10	14	5	59	31	14	13	7	17	54	34	399
Signal/Switch Failure	358	91	33	27	32	257	81	87	99	61	67	95	113	1,401
Track Work	279	53	20	15	7	71	42	10	57	17	77	69	91	808
Catenary Failure	0	27	12	17	0	0	0	0	0	0	0	0	0	56
Non-Locomotive Equipment Failure	14	54	28	16	0	18	4	2	5	6	24	10	20	201
Locomotive Failure	160	6	1	0	2	114	84	20	73	19	28	44	50	601
Human Error	125	41	13	18	9	47	13	8	43	25	85	57	45	529
Sick, Injured, Unruly Passenger	47	58	12	33	1	30	30	6	32	0	49	55	41	394
Weather	142	131	36	38	19	109	53	22	115	35	176	112	87	1,075
Other	29	32	11	6	1	12	8	4	33	14	54	33	32	269
TOTAL TRAINS DELAYED	1,697	762	285	271	141	915	495	294	743	387	1,174	829	792	8,785

### January-December - Average Over Previous Five Years: 2004-2008

			Electric			Mil	W				Un	ion Pacif	ic	
CAUSE CATEGORY	BNSF	ML	BI	SC	HER	N	W	NCS	RI	SWS	N	NW	W	SYSTEM
Passenger Train Interference	30	29	12	8	5	66	48	17	24	12	12	10	15	288
Freight Interference - Peak	99	0	0	0	60	17	26	27	25	45	7	28	86	420
Freight Interference - Off-Peak	119	0	1	0	0	99	52	30	42	86	11	27	279	746
Freight Interference - Total	218	1	1	0	60	116	78	57	67	131	18	56	365	1,166
Accident	102	7	4	14	1	47	53	16	39	10	30	60	46	428
Passenger Loading	69	61	32	26	0	110	52	5	140	0	245	52	48	839
Lift Deployment	13	1	0	0	1	39	21	8	39	1	9	10	22	166
Obstruction/Debris	79	13	9	30	3	42	41	10	33	12	23	48	41	385
Signal/Switch Failure	218	94	19	24	29	175	148	67	86	66	39	74	124	1,164
Track Work	82	61	10	59	5	63	44	20	51	14	63	32	47	550
Catenary Failure	0	37	10	17	0	0	0	0	1	0	0	0	0	64
Non-Locomotive Equipment Failure	28	31	16	11	0	10	7	2	14	3	15	8	13	157
Locomotive Failure	86	1	0	0	3	62	48	14	69	9	24	32	31	380
Human Error	133	43	14	17	5	66	68	18	79	20	71	67	48	648
Sick, Injured, Unruly Passenger	34	46	8	10	1	37	29	4	37	2	26	31	20	284
Weather	117	85	32	22	10	138	86	28	110	33	84	91	83	920
Other	42	22	7	7	2	40	27	9	51	7	36	45	39	335
TOTAL TRAINS DELAYED	1,251	530	172	245	125	1,011	750	275	841	320	693	616	943	7,772

January-December 2009 Divergence From January-December Average Over Previous Five Years

		]	Electric			Mil	lw				Un	ion Pacif	ïc	
CAUSE CATEGORY	BNSF	ML	BI	SC	HER	N	W	NCS	RI	SWS	N	NW	W	SYSTEM
Passenger Train Interference	38	9	3	0	4	-31	-29	4	5	4	4	3	2	16
Freight Interference - Peak	-7	0	0	0	-7	-6	-11	9	-8	-4	-1	4	-45	-76
Freight Interference - Off-Peak	-30	0	-1	0	0	-44	-6	15	-2	47	-2	-12	-191	-226
Freight Interference - Total	-37	-1	-1	0	-7	-50	-17	24	-10	43	-3	-9	-236	-302
Accident	-49	13	-2	9	1	-28	-14	-9	-28	-2	-1	-16	-42	-167
Passenger Loading	10	132	59	30	1	-50	-30	0	-40	2	250	119	45	529
Lift Deployment	23	2	1	0	-1	-21	-13	-1	37	2	33	15	14	89
Obstruction/Debris	47	2	1	-16	2	17	-10	4	-20	-5	-6	6	-7	14
Signal/Switch Failure	140	-3	14	3	3	82	-67	20	13	-5	28	21	-11	237
Track Work	197	-8	10	-44	2	8	-2	-10	6	3	14	37	44	258
Catenary Failure	0	-10	2	0	0	0	0	0	-1	0	0	0	0	-8
Non-Locomotive Equipment Failure	-14	23	12	5	0	8	-3	0	-9	3	9	2	7	44
Locomotive Failure	74	5	1	0	-1	52	36	6	4	10	4	12	19	221
Human Error	-8	-2	-1	1	4	-19	-55	-10	-36	5	14	-10	-3	-119
Sick, Injured, Unruly Passenger	13	12	4	23	0	-7	1	2	-5	-2	23	24	21	110
Weather	25	46	4	16	9	-29	-33	-6	5	2	92	21	4	155
Other	-13	10	4	-1	-1	-28	-19	-5	-18	7	18	-12	-7	-66
TOTAL TRAINS DELAYED	446	232	113	26	16	-96	-255	19	-98	67	481	213	-151	1,013

Data for current month is final (01/14/10) version from TOPS.

P:\ONTIME\report\[DelaysByCause16Cats.xls]YTDByLine 01/14/2010

TABLES 9.a & 9.b: FREQUENCY OF TRAIN DELAYS BY CAUSE & MONTH  $2009\,$ 

CAUSE CATEGORY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan -	- Dec
Passenger Train Interference	52	43	12	28	18	24	17	19	14	31	15	31	304	3.5%
Freight Interference - Peak	40	15	21	16	13	24	18	57	20	73	18	29	344	3.9%
Freight Interference - Off-Peak	56	22	42	28	38	36	35	48	38	90	29	58	520	5.9%
Freight Interference - Total	96	37	63	44	51	60	53	105	58	163	47	87	864	9.8%
Accident	98	12	9	27	8	20	20	9	9	6	5	38	261	3.0%
Passenger Loading	45	33	51	21	84	249	278	216	154	56	68	113	1,368	15.6%
Lift Deployment	23	15	13	8	12	16	41	21	30	33	22	21	255	2.9%
Obstruction/Debris	29	48	31	36	34	47	45	23	31	26	14	35	399	4.5%
Signal/Switch Failure	265	97	107	67	103	189	71	154	62	119	58	109	1,401	15.9%
Track Work	15	15	25	58	47	117	34	170	85	132	64	46	808	9.2%
Catenary Failure	0	8	0	11	1	19	8	0	0	0	0	9	56	0.6%
Non-Locomotive Equipment Failure	9	9	7	6	26	41	16	19	16	11	6	35	201	2.3%
Locomotive Failure	107	80	49	44	48	17	40	48	22	59	26	61	601	6.8%
Human Error	38	19	28	30	71	57	52	45	51	55	24	59	529	6.0%
Sick, Injured, Unruly Passenger	23	32	27	10	22	46	56	44	30	35	49	20	394	4.5%
Weather	599	9	11	4	1	62	11	20	3	84	14	257	1,075	12.2%
Other	27	10	37	18	14	16	17	31	31	40	11	17	269	3.1%
TOTAL TRAINS DELAYED	1,426	467	470	412	540	980	759	924	596	850	423	938	8,785	100%

Data for current month is final (01/14/10) version from TOPS.

# 2008

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%

01/14/2010

TABLE 10: FREIGHT DELAYS ON METRA DIESEL LINES between January 2008 and December 2009

			Mil	w				Un	ion Pacif	ic	
	BNSF	HER	N	W	NCS	RI	SWS	N	NW	W	SYSTEM
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
Jan-09	20	7	6	9	18	5	21	0	4	6	96
Feb-09	6	2	1	6	9	5	6	0	0	2	37
Mar-09	13	3	3	5	8	8	10	4	1	8	63
Apr-09	18	1	3	2	0	5	5	0	4	6	44
May-09	11	1	4	3	7	6	10	1	4	4	51
Jun-09	6	3	6	7	6	5	11	0	5	11	60
Jul-09	13	3	7	5	2	10	4	0	4	5	53
Aug-09	37	3	5	8	9	1	11	3	4	24	105
Sep-09	16	3	3	5	5	2	7	0	6	11	58
Oct-09	22	14	13	3	4	5	68	2	14	18	163
Nov-09	6	8	5	1	4	1	11	0	0	11	47
Dec-09	13	5	10	7	9	4	10	5	1	23	87
Total	181	53	66	61	81	57	174	15	47	129	864

Data for current month is final (01/14/10) version from TOPS.

TABLES 11.a & 11.b: FREQUENCY OF LIFT-DEPLOYMENT TRAIN DELAYS BY LINE & MONTH  $2009\,$ 

													Lift	% of All
													Delays	Delays
LINE	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD	YTD
BNSF	0	2	1	1	2	3	4	5	6	8	3	1	36	2.12%
Electric ML	0	0	0	0	0	2	0	0	0	1	0	0	3	0.39%
Electric BI	0	0	0	0	0	0	0	0	0	1	0	0	1	0.35%
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	0	0	0	0	0	0	0.00%
Milw N	13	0	0	0	0	0	2	1	1	0	0	1	18	1.97%
Milw W	0	0	0	0	0	0	0	0	1	0	1	6	8	1.62%
NCS	1	0	1	0	1	2	0	0	0	2	0	0	7	2.38%
RI	3	5	6	1	3	3	15	9	4	11	10	6	76	10.23%
SWS	0	0	0	3	0	0	0	0	0	0	0	0	3	0.78%
UP N	1	0	2	1	3	1	11	1	11	5	2	4	42	3.58%
UP NW	1	4	1	1	2	0	6	1	1	2	3	3	25	3.02%
UP W	4	4	2	1	1	5	3	4	6	3	3	0	36	4.55%
Total Lift Delays	23	15	13	8	12	16	41	21	30	33	22	21	255	2.90%
ALL DELAYS		·	·	·	·	·	·	`	·	`	·	·		8,785

Data for current month is final (01/14/10) version from TOPS.

### 2008

													Lift	% of All
													Delays	<b>Delays</b>
LINE	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	All Year	All Year
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

01/14/2010

TABLE 12: FREQUENCY OF TRAIN DELAYS BY DURATION
December 2009

Minutes	BNSF		Electric		Her	Milwa	ukee	NCS	RI	SWS		UP		System
		ML	BI	SC		N	W				N	NW	W	~,~~~
Peak *														
6-10	49	36	14	8	8	9	4	5	15	4	22	15	12	201
11-15	12	13	4	5	3	3	2	8	7	1	4	5	5	72
16-20	7	6	2	1	2	4	1	5	2	4	2	2	1	39
21+	7	17	5	0	2	9	16	3	3	0	0	5	1	68
Annulled	<u>2</u>	<u>8</u>	<u>1</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>3</u>	<u>0</u>	<u>3</u>	<u>0</u>	<u>0</u>	<u>0</u>	0	<u>18</u>
Sub-Total	77	80	26	15	15	25	26	21	30	9	28	27	19	398
Off-Peak **	*													
6-10	13	25	12	18	0	22	23	6	56	10	44	29	22	280
11-15	10	13	4	6	0	19	11	5	9	1	7	12	13	110
16-20	2	1	2	1	0	6	9	1	6	3	3	7	7	48
21+	5	15	9	4	0	25	10	1	5	3	3	7	9	96
Annulled	<u>0</u>	<u>1</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>1</u>	<u>3</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	0	<u>6</u>
Sub-Total	30	55	27	30	0	73	56	13	76	17	57	55	51	540
December 2	2009 Tota	ı <b>l</b>												
6-10	62	61	26	26	8	31	27	11	71	14	66	44	34	481
11-15	22	26	8	11	3	22	13	13	16	2	11	17	18	182
16-20	9	7	4	2	2	10	10	6	8	7	5	9	8	87
21+	12	32	14	4	2	34	26	4	8	3	3	12	10	164
Annulled	<u>2</u>	9	1	<u>2</u>	<u>0</u>	<u>1</u>	<u>6</u>	<u>0</u>	<u>3</u>	<u>0</u>	<u>0</u>	<u>0</u>	0	<u>24</u>
TOTAL	107	135	53	45	15	98	82	34	106	26	85	82	70	938
2009 Year-1	to-Date													
6-10	805	481	200	157	53	320	170	130	464	156	713	431	386	4,466
11-15	364	123	39	51	28	249	130	64	126	62	223	181	181	1,821
16-20	178	62	13	18	17	136	69	41	54	49	89	87	78	891
21+	291	82	29	33	40	197	106	55	75	98	135	114	132	1,387
Annulled	<u>59</u>	<u>14</u>	<u>4</u>	<u>12</u>	<u>3</u>	<u>13</u>	<u>20</u>	<u>4</u>	<u>24</u>	<u>22</u>	<u>14</u>	<u>16</u>	<u>15</u>	220
TOTAL	1,697	762	285	271	141	915	495	294	743	387	1,174	829	792	8,785
		PEF	RCENT	COMP	OSITIC	)N OF I	DELAY	S BY R	ANGE (	OF DUI	RATION	1		
PERCENT COMPOSITION OF DELAYS BY RANGE OF DURATION														
Minutes	BNSF	ML I	Electric BI	SC	Her	Milwa N	ukee W	NCS	RI	sws	N	UP NW	W	System
D 1 1	3000 TI (		<i>D</i> 1	БС		-11			,		14	1111	***	
<b>December 2</b> 6-10	57.9%	45.2%	49.1%	57.90/	53.3%	31.6%	22.00/	32.4%	67.0%	53.8%	77.6%	53.7%	48.6%	51.3%
				57.8%		22.4%	32.9%							19.4%
11-15	20.6%	19.3%	15.1%	24.4%	20.0%		15.9%	38.2%	15.1%	7.7%	12.9%	20.7%	25.7%	
16-20	8.4%	5.2%	7.5%	4.4%	13.3%	10.2%	12.2%	17.6%	7.5%	26.9%	5.9%	11.0%	11.4%	9.3%
21+	11.2%	23.7%	26.4%	8.9% 4.4%	13.3%	34.7%	31.7%	11.8%	7.5% 2.8%	11.5%	3.5%	14.6%	14.3%	17.5%
Annulled	1.9%	6.7%	1.9%		0.0%	1.0%	7.3%	0.0%		0.0%	0.0%	0.0%	0.0%	2.6%
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% 100.0% 100.0%													100.0%	
2009 Year-1	to-Date D		Duratio											1
6-10	47.4%	63.1%	70.2%	57.9%	37.6%	35.0%	34.3%	44.2%	62.4%	40.3%	60.7%	52.0%	48.7%	50.8%
11-15	21.4%	16.1%	13.7%	18.8%	19.9%	27.2%	26.3%	21.8%	17.0%	16.0%	19.0%	21.8%	22.9%	20.7%
16-20	10.5%	8.1%	4.6%	6.6%	12.1%	14.9%	13.9%	13.9%	7.3%	12.7%	7.6%	10.5%	9.8%	10.1%
21+	17.1%	10.8%	10.2%	12.2%	28.4%	21.5%	21.4%	18.7%	10.1%	25.3%	11.5%	13.8%	16.7%	15.8%
Annulled	3.5%	1.8%	1.4%	4.4%	2.1%	1.4%	4.0%	1.4%	3.2%	5.7%	1.2%	1.9%	1.9%	2.5%

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

Data for most recent month is final (01/14/10) version from TOPS.

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

	BNSF	]	Electric		Her	Milwa	aukee	NCS	RI	SWS		UP		System
		ML	BI	SC		N	W				N	NW	W	
December 2	December 2009													
Peak *	11.2	28.5	12.7	9.9	13.3	18.4	83.4	14.9	12.1	12.9	9.9	13.1	10.3	19.8
Off-Peak **	13.7	22.8	16.7	15.6		21.8	16.8	11.7	10.9	13.6	10.1	16.5	16.1	16.0
All	11.9	26.0	14.8	13.7	13.3	20.9	37.0	13.7	11.2	13.3	10.0	15.4	14.6	17.5
2009 Year-	to-Date													
Peak *	14.9	14.8	10.8	11.7	19.3	16.2	24.7	13.9	13.4	22.5	14.9	15.0	13.6	15.5
Off-Peak **	15.9	13.4	10.9	12.9		16.8	17.5	19.2	11.3	19.9	13.6	14.8	15.2	14.9
All	15.3	14.0	10.9	12.6	19.3	16.6	20.2	16.3	12.0	20.7	14.0	14.9	14.5	15.1

Excludes annulled trains, which do not have delay times.

<sup>\*</sup>Includes peak direction trains operating during weekday peak periods. \*\*Includes all other weekday and weekend trains. Data for most recent month is final (01/14/10) version from TOPS.

TABLE 14: ANNUAL TRAIN DELAYS AND ON-TIME PERFORMANCE 2004 - 2009

					DELA	YS				ON-TIME PERFORMANCE							
						2004 -   200		2008 v	s. 2009						2004 -		
	2004	2005	2006	2007	2008	2008 Avg	2009	cha	nge	2004	2005	2006	2007	2008	2008 Avg	2009	
BNSF	1,126	1,191	1,312	1,125	1,503	1,251.4	1,697	194	12.9%	95.8%	95.5%	95.0%	95.8%	94.4%	95.3%	93.6%	
Elec-ML	406	340	513	766	627	530.4	762	135	21.5%	98.3%	98.6%	97.8%	96.8%	97.4%	97.8%	96.8%	
Elec-BI	120	131	230	191	190	172.4	285	95	50.0%	98.9%	98.8%	97.9%	98.3%	98.3%	98.4%	97.4%	
Elec-SC	174	224	203	355	270	245.2	271	1	0.4%	99.0%	98.7%	98.8%	98.0%	98.5%	98.6%	98.4%	
Heritage	100	105	109	136	175	125.0	141	-34	-19.4%	93.5%	93.1%	92.9%	91.1%	88.6%	91.9%	90.8%	
M-N	797	975	1,094	1,125	1,065	1,011.2	915	-150	-14.1%	95.4%	94.4%	93.7%	93.6%	94.0%	94.2%	94.9%	
M-W	834	884	680	728	623	749.8	495	-128	-20.5%	95.2%	94.8%	96.0%	95.8%	96.4%	95.6%	97.1%	
NCS	242	249	276	304	304	275.0	294	-10	-3.3%	90.6%	90.2%	94.5%	94.6%	94.6%	93.6%	94.8%	
RI	465	1,026	708	1,118	886	840.6	743	-143	-16.1%	97.6%	94.7%	96.3%	94.2%	95.4%	95.7%	96.2%	
SWS	178	211	507	269	433	319.6	387	-46	-10.6%	95.7%	94.8%	93.1%	96.5%	94.4%	94.8%	95.1%	
UP-N	353	463	425	886	1,338	693.0	1,174	-164	-12.3%	98.0%	97.4%	97.6%	95.4%	93.4%	96.3%	94.2%	
UP-NW	417	567	436	752	908	616.0	829	-79	-8.7%	97.7%	96.9%	97.7%	96.0%	95.2%	96.7%	95.6%	
UP-W	815	894	907	1,017	1,081	942.8	792	-289	-26.7%	95.2%	94.7%	94.7%	94.1%	93.7%	94.5%	95.4%	
SYSTEM	6,027	7,260	7,400	8,772	9,403	7,772.4	8,785	-618	-6.6%	96.9%	96.3%	96.3%	95.7%	95.4%	96.1%	95.7%	

Delays data for 2009 is final (01/14/10) version from TOPS.

'ON-TIME PERFORMANCE' '2004 - 2008 Avg' calculated by summing the delays over the five years, summing the trains run over the five years, and calculating their ratio.

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TABLE 15: FREQUENCY OF TRAIN DELAYS BY CAUSE BY LINE 2009

Top 2 causes for each line are shaded\*

		]	Electric			Mil	w				Un	ion Paci	fic	
CAUSE CATEGORY	BNSF	ML	BI	SC	HER	N	W	NCS	RI	SWS	N	NW	W	SYSTEM
Passenger Train Interference	68	38	15	8	9	35	19	21	29	16	16	13	17	304
Freight Interference - Peak	92	0	0	0	53	11	15	36	17	41	6	32	41	344
Freight Interference - Off-Peak	89	0	0	0	0	55	46	45	40	133	9	15	88	520
Freight Interference - Total	181	0	0	0	53	66	61	81	57	174	15	47	129	864
Accident	53	20	2	23	2	19	39	7	11	8	29	44	4	261
Passenger Loading	79	193	91	56	1	60	22	5	100	2	495	171	93	1,368
Lift Deployment	36	3	1	0	0	18	8	7	76	3	42	25	36	255
Obstruction/Debris	126	15	10	14	5	59	31	14	13	7	17	54	34	399
Signal/Switch Failure	358	91	33	27	32	257	81	87	99	61	67	95	113	1,401
Track Work	279	53	20	15	7	71	42	10	57	17	77	69	91	808
Catenary Failure	0	27	12	17	0	0	0	0	0	0	0	0	0	56
Non-Locomotive Equipment Failure	14	54	28	16	0	18	4	2	5	6	24	10	20	201
Locomotive Failure	160	6	1	0	2	114	84	20	73	19	28	44	50	601
Human Error	125	41	13	18	9	47	13	8	43	25	85	57	45	529
Sick, Injured, Unruly Passenger	47	58	12	33	1	30	30	6	32	0	49	55	41	394
Weather	142	131	36	38	19	109	53	22	115	35	176	112	87	1,075
Other	29	32	11	6	1	12	8	4	33	14	54	33	32	269
TOTAL TRAINS DELAYED	1,697	762	285	271	141	915	495	294	743	387	1,174	829	792	8,785

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<sup>\*</sup> For calculating top 2 causes, uses "Freight Interference - Total" instead of "... Peak" and "... Off-Peak".

TABLE 16: ANNUAL SYSTEM CAUSES OF DELAY 2004 to 2009

	20	04	2005		20	06	20	07	20	08	2004-2008 Avg		2009	
Cause	Delays	%	Delays	%	Delays	<b>%</b>								
Passenger Train Interference	234	3.9%	292	4.0%	421	5.7%	237	2.7%	258	2.7%	288.4	3.7%	304	3.5%
Freight Interference - Peak	424	7.0%	459	6.3%	500	6.8%	346	3.9%	369	3.9%	419.6	5.4%	344	3.9%
Freight Interference - Off-Peak	636	10.6%	648	8.9%	892	12.1%	816	9.3%	739	7.9%	746.2	9.6%	520	5.9%
Freight Interference - Total	1,060	17.6%	1,107	15.2%	1,392	18.8%	1,162	13.2%	1,108	11.8%	1,165.8	15.0%	864	9.8%
Accident	499	8.3%	458	6.3%	366	4.9%	365	4.2%	451	4.8%	427.8	5.5%	261	3.0%
Passenger Loading	399	6.6%	766	10.6%	716	9.7%	1,043	11.9%	1,270	13.5%	838.8	10.8%	1,368	15.6%
Lift Deployment	117	1.9%	171	2.4%	175	2.4%	149	1.7%	216	2.3%	165.6	2.1%	255	2.9%
Obstruction/Debris	368	6.1%	392	5.4%	483	6.5%	366	4.2%	318	3.4%	385.4	5.0%	399	4.5%
Signal/Switch Failure	950	15.8%	1,098	15.1%	1,130	15.3%	1,145	13.1%	1,495	15.9%	1,163.6	15.0%	1,401	15.9%
Track Work	346	5.7%	449	6.2%	432	5.8%	830	9.5%	693	7.4%	550.0	7.1%	808	9.2%
Catenary Failure	90	1.5%	46	0.6%	76	1.0%	53	0.6%	56	0.6%	64.2	0.8%	56	0.6%
Non-Locomotive Equipment Failure	131	2.2%	174	2.4%	132	1.8%	148	1.7%	198	2.1%	156.6	2.0%	201	2.3%
Locomotive Failure	367	6.1%	391	5.4%	312	4.2%	391	4.5%	437	4.6%	379.6	4.9%	601	6.8%
Human Error	497	8.2%	616	8.5%	626	8.5%	849	9.7%	650	6.9%	647.6	8.3%	529	6.0%
Sick, Injured, Unruly Passenger	254	4.2%	261	3.6%	228	3.1%	337	3.8%	340	3.6%	284.0	3.7%	394	4.5%
Weather	487	8.1%	783	10.8%	630	8.5%	1,257	14.3%	1,445	15.4%	920.4	11.8%	1,075	12.2%
Other	228	3.8%	256	3.5%	281	3.8%	440	5.0%	468	5.0%	334.6	4.3%	269	3.1%
TOTAL TRAINS DELAYED	6,027	100.0%	7,260	100.0%	7,400	100.0%	8,772	100.0%	9,403	100.0%	7,772.4	100.0%	8,785	100.0%

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TABLE 17: FREQUENCY OF TRAIN DELAYS BY DURATION Year End 2004 to 2009

	2004		2005		2006		2007		2008		2004 - 2008 Avg		2009	
Minutes	Delays	%	Delays	%	Delays	%								
6-10	2,970	49.3%	3,900	53.7%	3,815	51.6%	4,673	53.3%	4,570	48.6%	3,985.6	51.3%	4,466	50.8%
11-15	1,201	19.9%	1,434	19.8%	1,419	19.2%	1,764	20.1%	1,929	20.5%	1,549.4	19.9%	1,821	20.7%
16-20	607	10.1%	704	9.7%	645	8.7%	786	9.0%	991	10.5%	746.6	9.6%	891	10.1%
21+	1,045	17.3%	1,042	14.4%	1,268	17.1%	1,326	15.1%	1,647	17.5%	1,265.6	16.3%	1,387	15.8%
Annulled	204	3.4%	180	2.5%	253	3.4%	223	2.5%	266	2.8%	225.2	2.9%	220	2.5%
TOTAL	6,027	100.0%	7,260	100.0%	7,400	100.0%	8,772	100.0%	9,403	100.0%	7,772.4	100.0%	8,785	100.0%

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TABLE 18: FREQUENCY OF TRAIN DELAYS BY DURATION AND LINE Year End 2009

Minutes	BNSF	Electric			Her	Milwa	ukee	NCS	RI	SWS		UP		System
		ML	BI	SC		N	$\mathbf{W}$				N	NW	$\mathbf{W}$	
6-10	805	481	200	157	53	320	170	130	464	156	713	431	386	4,466
11-15	364	123	39	51	28	249	130	64	126	62	223	181	181	1,821
16-20	178	62	13	18	17	136	69	41	54	49	89	87	78	891
21+	291	82	29	33	40	197	106	55	75	98	135	114	132	1,387
Annulled	<u>59</u>	<u>14</u>	<u>4</u>	<u>12</u>	<u>3</u>	<u>13</u>	<u>20</u>	<u>4</u>	<u>24</u>	<u>22</u>	<u>14</u>	<u>16</u>	<u>15</u>	<u>220</u>
TOTAL	1,697	762	285	271	141	915	495	294	743	387	1,174	829	792	8,785
6-10	47.4%	63.1%	70.2%	57.9%	37.6%	35.0%	34.3%	44.2%	62.4%	40.3%	60.7%	52.0%	48.7%	50.8%
11-15	21.4%	16.1%	13.7%	18.8%	19.9%	27.2%	26.3%	21.8%	17.0%	16.0%	19.0%	21.8%	22.9%	20.7%
16-20	10.5%	8.1%	4.6%	6.6%	12.1%	14.9%	13.9%	13.9%	7.3%	12.7%	7.6%	10.5%	9.8%	10.1%
21+	17.1%	10.8%	10.2%	12.2%	28.4%	21.5%	21.4%	18.7%	10.1%	25.3%	11.5%	13.8%	16.7%	15.8%
Annulled	3.5%	1.8%	1.4%	4.4%	2.1%	1.4%	4.0%	1.4%	3.2%	5.7%	1.2%	1.9%	1.9%	2.5%
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%

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