

# Project1

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## Generating Hypotheses:

The variables that we decided to hone in on for our exploratory data analysis are:

- Quantitative: CARS (# cars w/hazmat), CARSDMG (# hazmat cars that were damaged or derailed), CARSHZD (# of cars that released hazmat), MONTH, DAY, TIMEHR, TIMEMIN, AMPM, TRNSPD, HIGHSPD
- Qualitative: RR2 (second railroad involved), TYPE (accident type), TYPEQ (car type), Cause (manually assigned from CAUSE), STATION, WEATHER, VISIBLTY

## Loading libraries and data, settign directories, and processing data

```
#Import libraries
library(tidyverse)
```

```
## -- Attaching packages -----

## v ggplot2 3.3.2      v purrr  0.3.4
## v tibble  3.0.3      v dplyr  1.0.2
## v tidyr   1.1.2      v stringr 1.4.0
## v readr   1.3.1      v forcats 0.5.0

## -- Conflicts -----
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()     masks stats::lag()
```

```
library(tibble)
library(dplyr)
library(ggplot2)
library(ggfortify)
library(lattice)
library(GGally)
```

```
## Registered S3 method overwritten by 'GGally':
##   method from
##   +.gg      ggplot2
```

```
library(MASS)
```

```
##  
## Attaching package: 'MASS'  
  
## The following object is masked from 'package:dplyr':  
##  
##      select
```

```
library(lindia)  
library(ggpubr)  
# install.packages("devtools")  
library(devtools)
```

```
## Loading required package: usethis
```

```
# install_github("vqv/ggbiplot")  
library(ggbiplot)
```

```
## Loading required package: plyr
```

```
## -----  
  
## You have loaded plyr after dplyr - this is likely to cause problems.  
## If you need functions from both plyr and dplyr, please load plyr first, then dplyr:  
## library(plyr); library(dplyr)
```

```
## -----
```

```
##  
## Attaching package: 'plyr'
```

```
## The following object is masked from 'package:ggpubr':  
##  
##      mutate
```

```
## The following objects are masked from 'package:dplyr':  
##  
##      arrange, count, desc, failwith, id, mutate, rename, summarise,  
##      summarize
```

```
## The following object is masked from 'package:purrr':  
##  
##      compact
```

```
## Loading required package: scales
```

```
##  
## Attaching package: 'scales'
```

```
## The following object is masked from 'package:purrr':  
##  
##   discard  
  
## The following object is masked from 'package:readr':  
##  
##   col_factor  
  
## Loading required package: grid  
  
##  
## Attaching package: 'ggbiplot'  
  
## The following object is masked from 'package:ggfortify':  
##  
##   ggbiplot
```

```
library(data.table)
```

```
##  
## Attaching package: 'data.table'  
  
## The following objects are masked from 'package:dplyr':  
##  
##   between, first, last  
  
## The following object is masked from 'package:purrr':  
##  
##   transpose
```

```
library(gplots)
```

```
##  
## Attaching package: 'gplots'  
  
## The following object is masked from 'package:stats':  
##  
##   lowess
```

```
library(boot)
```

```
##  
## Attaching package: 'boot'  
  
## The following object is masked from 'package:lattice':  
##  
##   melanoma
```

```

source("http://www.phaget4.org/R/myImagePlot.R")

#Set directories:
setwd('.')
wd <- getwd()

sourcedir <- paste0(wd, "/Source/")
traindir <- paste0(wd, "/Data/TrainData")

# Source AccidentInput
setwd(sourcedir)
source("AccidentInput.R")
source("SPM_Panel.R")
source("PCAplots.R")

# Data Procesing

## Create list of dataframes
acts <- file.inputl(traindir)

## Combine all data into a single dataframe

totacts <- combine.data(acts)

## Process data variables to be easier to work with

### TYPE
totacts$TYPE <- factor(totacts$TYPE, labels = c("Derailment", "HeadOn", "Rearend", "Side", "Raking", "B

### TYPEQ
totacts$TYPEQ <- factor(totacts$TYPEQ, labels = c("Freight", "Passenger", "Commuter", "Work", "Single"

### WEATHER
totacts$WEATHER <- factor(totacts$WEATHER, labels = c("clear", "cloudy", "rain",
"fog", "sleet", "snow"))

### VISIBLTY
totacts$VISIBLTY <- factor(totacts$VISIBLTY, labels = c("dawn", "day", "dusk", "dark"))

### Cause
totacts$Cause <- rep(NA, nrow(totacts))

totacts$Cause[which(substr(totacts$CAUSE, 1, 1) == "M")] <- "(M) Miscellaneous Causes Not Otherwise Lis
totacts$Cause[which(substr(totacts$CAUSE, 1, 1) == "T")] <- "(T) Rack, Roadbed and Structures"
totacts$Cause[which(substr(totacts$CAUSE, 1, 1) == "S")] <- "(S) Signal and Communication"
totacts$Cause[which(substr(totacts$CAUSE, 1, 1) == "H")] <- "(H) Train operation - Human Factors"
totacts$Cause[which(substr(totacts$CAUSE, 1, 1) == "E")] <- "(E) Mechanical and Electrical Failures"

totacts$Cause <- factor(totacts$Cause)

### Multi Railroad

```

```

totacts$MultiRR <- rep(NA, nrow(totacts))
totacts$MultiRR[which(totacts$RR2 == "")] <- FALSE
totacts$MultiRR[which(totacts$RR2 != "")] <- TRUE

### Time of day

for (i in 1:length(totacts)){
  if (totacts$AMPM[i] == 'PM'){
    totacts$Time24hr[i] <- totacts$TIMEHR[i] + 12 + totacts$TIMEMIN[i]/60
  }
  else{
    totacts$Time24hr[i] <- totacts$TIMEHR[i] + totacts$TIMEMIN[i]/60
  }
}

## Remove duplicates
totacts_DR <- totacts[!(duplicated(totacts[, c("INCDTNO", "YEAR", "MONTH", "DAY", "TIMEHR", "TIMEMIN")))]

## Create dataframe with only accidents with 1 or more casualty
totacts_DR$Casualty <- (totacts_DR$TOTINJ + totacts_DR$TOTKLD)
totacts_wCasualties_DR <- subset.data.frame(totacts_DR, totacts_DR$Casualty>0)
rownames(totacts_wCasualties_DR) <- NULL

## Creating extreme accident cost dataframe
plt_box <- ggplot(totacts_DR, aes(y=ACCDMG)) + geom_boxplot()
upper <- ggplot_build(plt_box)$data[[1]]$ymax
xdmg <- totacts_DR[totacts_DR$ACCDMG > upper,]

### Remove 9/11
xdmg <- xdmg[-186, ]

## Creating extreme casualties dataframe
plt_box <- ggplot(totacts_wCasualties_DR, aes(y=Casualty)) + geom_boxplot()
upper <- ggplot_build(plt_box)$data[[1]]$ymax
xcas <- totacts_DR[totacts_DR$ACCDMG > upper,]

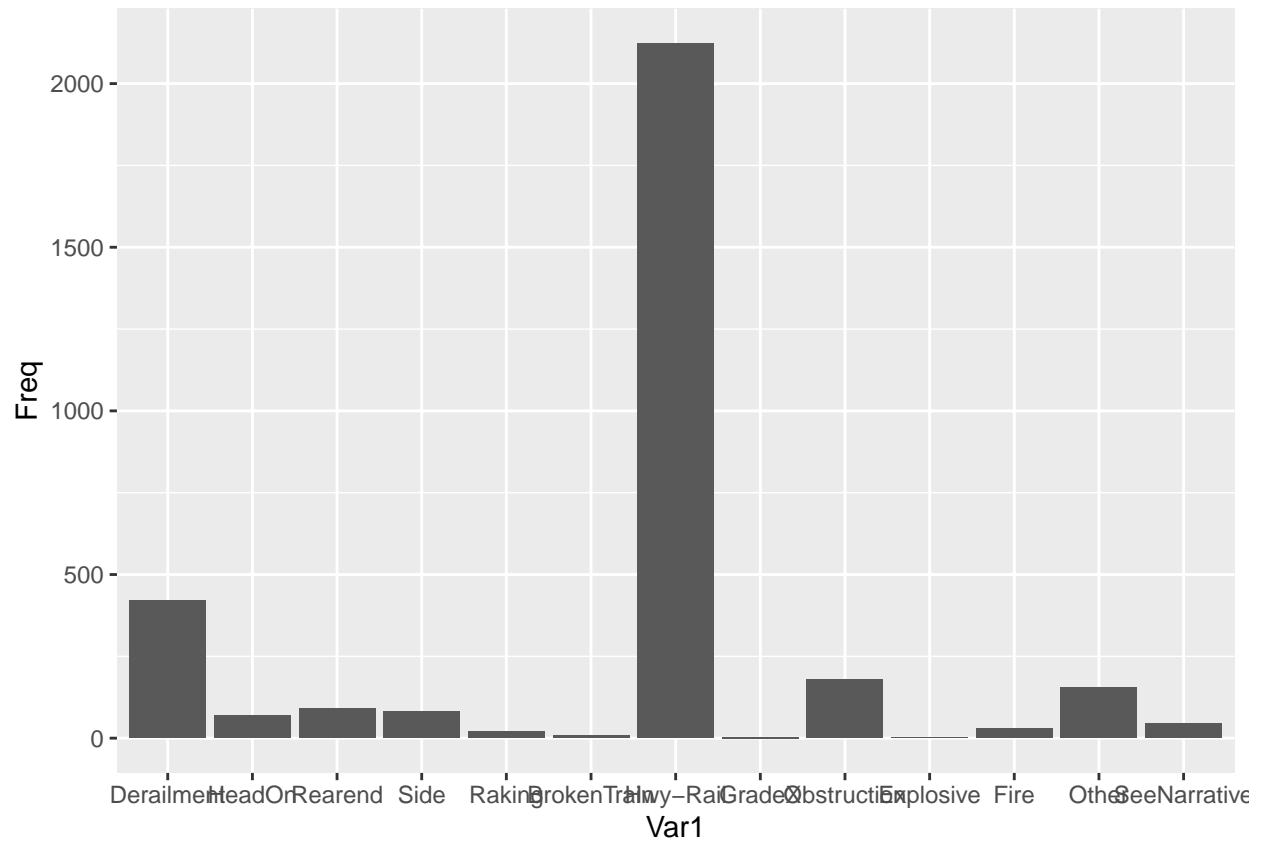
```

## Exploratory Data Analysis for Accidents with Casualties

```

# Exploration:
## Accident frequency by type
ggplot(as.data.frame(table(totacts_wCasualties_DR$TYPE)), aes(x = Var1, y= Freq)) + geom_bar(stat="iden

```

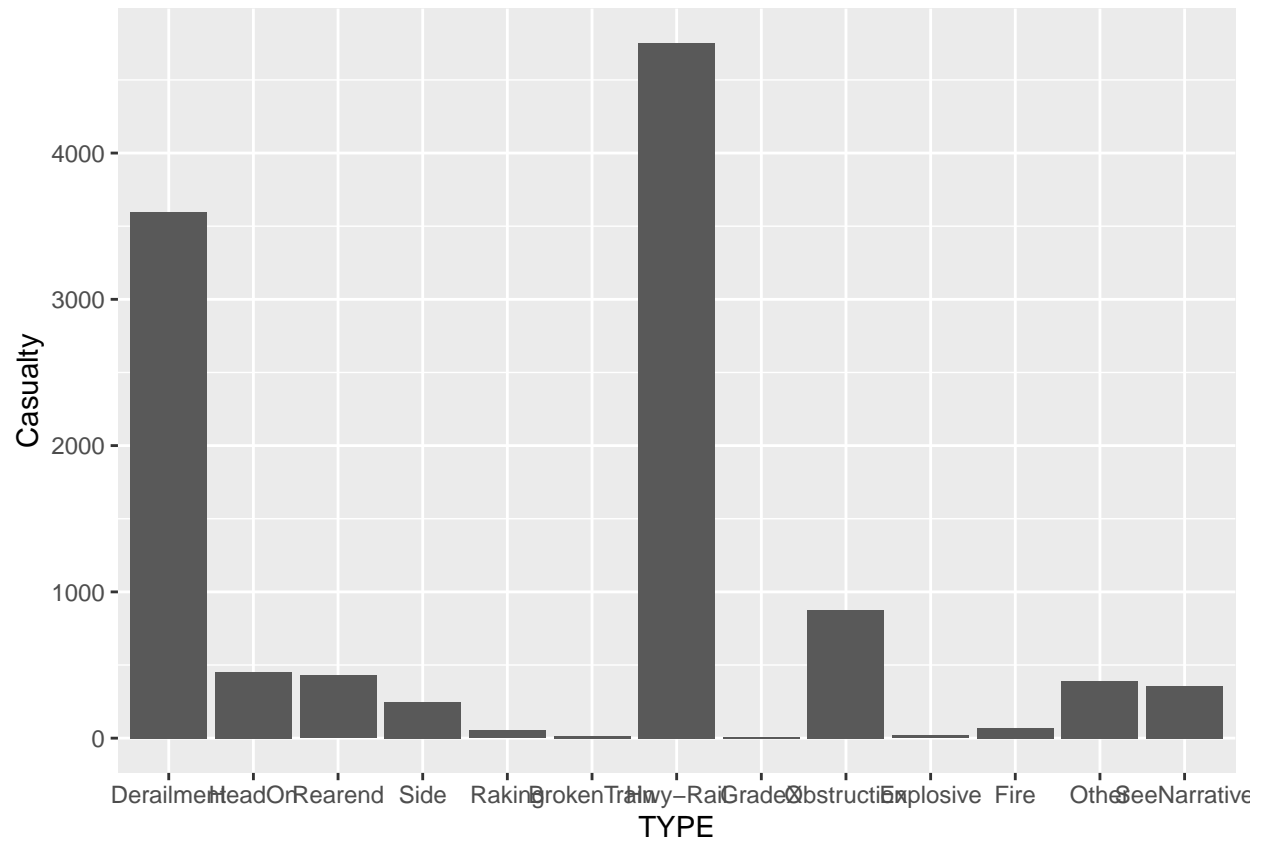


```
print("Most accidents with 1 or more casualties are of type highway-rail")
```

```
## [1] "Most accidents with 1 or more casualties are of type highway-rail"
```

```
## Total casualties by type:
```

```
ggplot(totacts_wCasualties_DR, aes(TYPE, Casualty)) + geom_col(na.rm=TRUE)
```

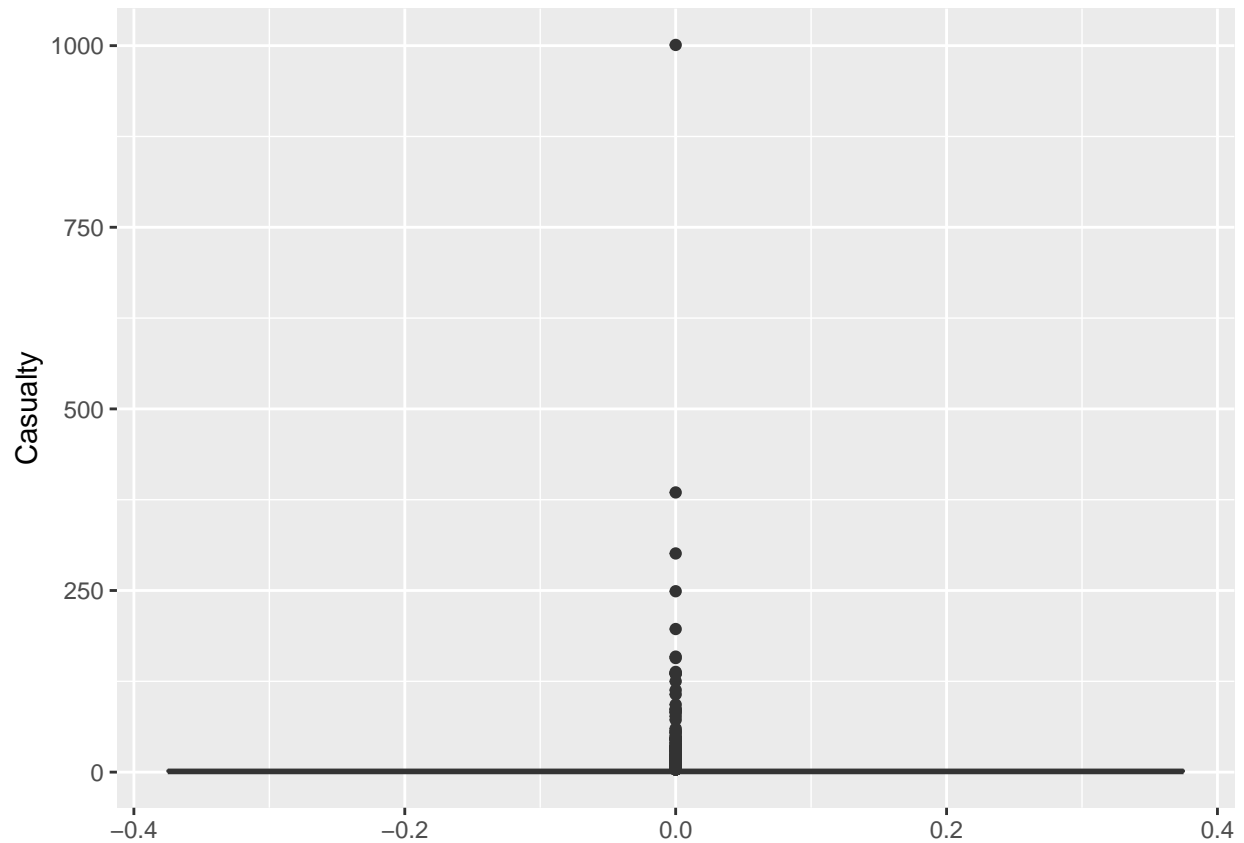


```
print("Highway-rail is also the category with the most number of casualties, but when comparing this pl
```

```
## [1] "Highway-rail is also the category with the most number of casualties, but when comparing this p
```

```
## Inspecting extreme events
```

```
plt_box <- ggplot(totacts_wCasualties_DR, aes(y=Casualty)) + geom_boxplot()
plt_box
```



```
upper <- ggplot_build(plt_box)$data[[1]]$ymax
print("Upper whisker:")
```

```
## [1] "Upper whisker:"
```

```
upper
```

```
## [1] 3
```

```
tib <- as_tibble(totacts_wCasualties_DR)
```

```
print("Number of extreme accidents with more than 3 casualties")
```

```
## [1] "Number of extreme accidents with more than 3 casualties"
```

```
count(tib %>% filter(Casualty > upper))
```

```
##      i..IYR IMO RAILROAD   INCDTNO IYR2 IMO2 RR2   INCDTNO2 IYR3 IMO3 RR3
## 1      1    3    ATK    067106   NA   NA   CSX      020130006    1    3  BNSF
## 2      1    2    ATK    066485    1    2   CSX      020130006    1    2   CSX
## 3      1   12    ATK    071425   NA   NA      0901UT008    1   12  BNSF
## 4      1    9   PATH    I0601   NA   NA      0901UT008    1    9  PATH
## 5      1    9    ATK    070187    1    9    UP      0901UT008    1    9    UP
```



## 6	1	9	ATK	070131	1	9	UP	0901LK014	1	9	UP
## 7	1	7	UP	0701SA036	NA	NA			1	7	UP
## 8	1	7	ATK	069011	NA	NA			1	7	CSX
## 9	1	7	ATK	069359	NA	NA			1	7	UP
## 10	1	6	NJTR	200107374	NA	NA			1	6	NJTR
## 11	1	5	ATK	067875	NA	NA			1	5	BNSF
## 12	1	3	TKEN	0101	NA	NA			1	3	TKEN
## 13	2	12	WVRR	2002101	NA	NA			2	12	WVRR
## 14	2	1	SOO	170488	NA	NA			2	1	SOO
## 15	2	11	BNSF	SC1102200	NA	NA			2	11	BNSF
## 16	2	8	ATK	074865	NA	NA			2	8	UP
## 17	2	7	BNSF	TC0702201	NA	NA			2	7	BNSF
## 18	2	7	ATK	074513	NA	NA			2	7	CSX
## 19	2	7	ATK	074547	NA	NA			2	7	CSX
## 20	2	6	LI	EQ20020604	NA	NA			2	6	LI
## 21	2	6	MACZ	073903	2	6	ATK	073902	2	6	ATK
## 22	2	6	BNSO	CH0602105	NA	NA			2	6	BNSO
## 23	2	6	ATK	073902	2	6	MACZ	073903	2	6	ATK
## 24	2	5	UP	0502H0025	NA	NA			2	5	UP
## 25	2	5	ATK	073383	NA	NA			2	5	CSX
## 26	2	4	SCAX	0423021	2	4	BNSF	SC0402109	2	4	BNSF
## 27	2	4	ATK	073020	NA	NA			2	4	CSX
## 28	2	3	ATK	072649	NA	NA			2	3	NS
## 29	2	1	CSX	010228002	NA	NA			2	1	CSX
## 30	3	7	ATK	079015	NA	NA			3	7	UP
## 31	3	5	ATK	077978	NA	NA			3	5	CSX
## 32	3	7	ATK	079078	3	7	UP	0703RS024	3	7	UP
## 33	3	11	ATK	090500	NA	NA			3	11	UP
## 34	3	6	NS	013086	NA	NA			3	6	NS
## 35	3	1	PATH	I0303	NA	NA			3	1	PATH
## 36	3	7	NJTR	200307487	NA	NA			3	7	ATK
## 37	3	1	SCAX	010603	NA	NA			3	1	SCAX
## 38	3	8	MNCW	2003081501	NA	NA			3	8	MNCW
## 39	3	10	NIRC	R0314	NA	NA			3	10	NIRC
## 40	3	8	ATK	079655	NA	NA			3	8	NS
## 41	3	9	BNSF	TC0903201	NA	NA			3	9	BNSF
## 42	4	1	SEPA	012604R001	NA	NA			4	1	SEPA
## 43	4	2	ATK	091385	NA	NA			4	2	BNSF
## 44	4	3	UPME	0304CM011	NA	NA			4	3	UPME
## 45	4	4	ATK	091994	NA	NA			4	4	IC
## 46	4	4	LI	EQ20040402	4	4	ATK	092111	4	4	ATK
## 47	4	6	ATK	092857	NA	NA			4	6	ATK
## 48	4	6	BNSF	SF0604205	NA	NA			4	6	BNSF
## 49	4	6	NS	017256	NA	NA			4	6	NS
## 50	4	6	UP	0604SA011	4	6	BNSF	GC0604127	4	6	UP
## 51	4	8	ATK	093644	NA	NA			4	8	ATK
## 52	4	8	BNSF	TX0804203	NA	NA			4	8	BNSF
## 53	4	8	CSX	000006096	NA	NA			4	8	CSX
## 54	4	8	NJTR	200409526	NA	NA			4	8	NJTR
## 55	4	9	MNCW	2004092014	NA	NA			4	9	MNCW
## 56	4	10	ATK	094259	NA	NA			4	10	NS
## 57	4	12	ATK	094991	NA	NA			4	12	CSX
## 58	5	7	UP	0705SA023	NA	NA			5	7	UP
## 59	5	8	UP	0805TC030	NA	NA			5	8	UP

## 60	5	4	ATK	096040	NA	NA			5	4	BNSF
## 61	5	2	ATK	095529	NA	NA			5	2	IC
## 62	5	1	ATK	095158	NA	NA			5	1	UP
## 63	5	8	ATK	097639	NA	NA			5	8	NS
## 64	5	8	ATK	097694	NA	NA			5	8	UP
## 65	5	9	ATK	098356	NA	NA			5	9	UP
## 66	5	12	ATK	099230	NA	NA			5	12	UP
## 67	5	8	BNSF	SF0805200	NA	NA			5	8	BNSF
## 68	5	9	CSX	000015294	NA	NA			5	9	CSX
## 69	5	11	NIRC	NC016Y	NA	NA			5	11	NIRC
## 70	5	9	NIRC	R0522	NA	NA			5	9	NIRC
## 71	5	4	NIRC	ME062Y	NA	NA			5	4	NIRC
## 72	5	1	NS	019414	NA	NA			5	1	AMCJ
## 73	5	1	SCAX	012605	5	1	UP	0105LA041	5	1	SCAX
## 74	5	4	SNJX	04190501	NA	NA			5	4	SNJX
## 75	5	10	UP	1005LK032	NA	NA			5	10	UP
## 76	5	5	HVRX	200501	NA	NA			5	5	HVRX
## 77	6	5	ATK	100635	NA	NA			6	5	UP
## 78	6	11	ATK	102674	NA	NA			6	11	CSX
## 79	6	1	ATK	099682	NA	NA			6	1	BNSF
## 80	6	7	ATK	101597	NA	NA			6	7	UP
## 81	6	5	ATK	100802	NA	NA			6	5	CSX
## 82	6	11	IC	539380	NA	NA			6	11	IC
## 83	6	6	UPME	0606CM007	NA	NA			6	6	UPME
## 84	6	1	VREX	099442	NA	NA			6	1	CSX
## 85	6	11	UP	1106RS011	6	11	HTTZ	INDUSTRY	6	11	UP
## 86	6	3	UP	0306WH005	NA	NA			6	3	UP
## 87	6	10	MBTA	0485	NA	NA			6	10	MBTA
## 88	6	7	SEPA	070106R004	NA	NA			6	7	SEPA
## 89	6	6	UP	0606DV003	NA	NA			6	6	UP
## 90	6	7	SLRG	172006	NA	NA			6	7	SLRG
## 91	6	6	NS	025365	NA	NA			6	6	NS
## 92	6	10	CSX	000026422	NA	NA			6	10	CSX
## 93	6	3	BNSF	PR0306202	NA	NA			6	3	UP
## 94	6	12	BNSF	KS1206123	NA	NA			6	12	BNSF
## 95	6	4	ATK	100577	NA	NA			6	4	BNSF
## 96	6	6	ATK	101028	NA	NA			6	6	BNSF
## 97	6	9	BNSF	TX0906110	NA	NA			6	9	BNSF
## 98	6	12	UP	1206SL002	NA	NA			6	12	UP
## 99	6	6	NIRC	HC005Z	NA	NA			6	6	IC
## 100	6	7	ATK	101324	NA	NA			6	7	BNSF
## 101	6	5	ATK	100847	NA	NA			6	5	NS
## 102	7	10	DQE	DE0740	NA	NA			7	10	DQE
## 103	7	6	MNCW	2007062115	NA	NA			7	6	MNCW
## 104	7	10	SEPA	100407R003	NA	NA			7	10	SEPA
## 105	7	12	SEPA	121507R001	NA	NA			7	12	SEPA
## 106	7	1	MBTA	0520	NA	NA			7	1	MBTA
## 107	7	5	MNBR	MBR3407DR	NA	NA			7	5	MNBR
## 108	7	2	UP	0207LK039	NA	NA			7	2	UP
## 109	7	10	UP	1007LK029	NA	NA			7	10	UP
## 110	7	7	UP	0707NP018	NA	NA			7	7	UP
## 111	7	5	ATK	104264	NA	NA			7	5	UP
## 112	7	5	ATK	104320	NA	NA			7	5	BNSF
## 113	7	8	ATK	105349	NA	NA			7	8	UP

## 114	7	11	ATK	106342	7	11	NS	031044	7	11	NS
## 115	7	3	KCS	07030801	NA	NA			7	3	KCS
## 116	7	7	ATK	104974	NA	NA			7	7	CSX
## 117	7	7	ATK	104975	NA	NA			7	7	CSX
## 118	7	7	ATK	105043	NA	NA			7	7	BNSF
## 119	7	10	ATK	105801	NA	NA			7	10	CSX
## 120	7	3	NIRC	SWA0009	7	3	IC	548474	7	3	ATK
## 121	8	3	ATK	107219	NA	NA			8	3	ATK
## 122	8	12	ATK	110456	NA	NA			8	12	UP
## 123	8	5	ATK	108137	NA	NA			8	5	BNSF
## 124	8	5	ATK	108129	NA	NA			8	5	IC
## 125	8	1	ATK	106838	NA	NA			8	1	UP
## 126	8	5	UP	0508SA008	NA	NA			8	5	UP
## 127	8	9	SCAX	091208	8	9	UP	0908LA014	8	9	SCAX
## 128	8	7	ATK	108620	NA	NA			8	7	UP
## 129	8	3	MBTA	0670	8	3	CSX	ZZZZZZZZZZ	8	3	ATK
## 130	8	6	ACEX	A062708	NA	NA			8	6	ACEX
## 131	8	4	CSX	000046027	NA	NA			8	4	CSX
## 132	8	7	KCS	08070601	NA	NA			8	7	KCS
## 133	9	1	ATK	110856	NA	NA			9	1	ATK
## 134	9	1	ATK	110800	NA	NA			9	1	UP
## 135	9	3	ATK	111407	NA	NA			9	3	NS
## 136	9	2	NS	035614	NA	NA			9	2	NS
## 137	9	1	SEPA	0127096168	NA	NA			9	1	SEPA
## 138	9	12	NJTR	200912771	NA	NA			9	12	NJTR
## 139	9	3	ATK	111338	NA	NA			9	3	BNSF
## 140	9	2	ATK	110974	NA	NA			9	2	NS
## 141	9	12	SNJX	122120090	NA	NA			9	12	SNJX
## 142	9	11	SEPA	1104097391	NA	NA			9	11	ATK
## 143	9	4	ATK	111500	NA	NA			9	4	IC
## 144	9	6	CC	636850	NA	NA			9	6	CC
## 145	9	11	UP	1109FW002	NA	NA			9	11	UP
## 146	9	5	ATK	112101	NA	NA			9	5	BNSF
## 147	9	5	ATK	111797	NA	NA			9	5	UP
## 148	9	7	ATK	112579	NA	NA			9	7	BNSF
## 149	9	7	ATK	112604	NA	NA			9	7	NS
## 150	9	10	ATK	113600	NA	NA			9	10	CSX
## 151	9	10	ATK	113671	NA	NA			9	10	CSX
## 152	10	1	ATK	114338	NA	NA			10	1	UP
## 153	10	6	UP	0610SA013	NA	NA			10	6	UP
## 154	10	11	MACZ	117756	10	11	ATK	117755	10	11	ATK
## 155	10	3	ATK	114961	NA	NA			10	3	CRSH
## 156	10	5	ATK	115742	NA	NA			10	5	NS
## 157	10	8	ATK	116714	NA	NA			10	8	BNSF
## 158	10	6	ATK	116047	NA	NA			10	6	CSX
## 159	10	9	ATK	117083	NA	NA			10	9	BNSF
## 160	10	5	ATK	115758	10	5	CSX	000075912	10	5	CSX
## 161	10	5	ATK	115898	NA	NA			10	5	UP
## 162	10	3	SCAX	032010	NA	NA			10	3	SCAX
## 163	11	6	BNSO	CH0611103	11	6	ATK	119974	11	6	ATK
## 164	11	7	ATK	120392	NA	NA			11	7	GRS
## 165	11	5	PATH	I050111	NA	NA			11	5	PATH
## 166	11	9	ATK	121160	NA	NA			11	9	BNSF
## 167	11	9	ATK	121308	NA	NA			11	9	BNSF

## 168	11	4	ATK	119576	NA	NA			11	4	ATK
## 169	11	4	ATK	119503	NA	NA			11	4	NS
## 170	11	7	NIRC	RIE069	NA	NA			11	7	NIRC
## 171	11	8	ATK	120905	NA	NA			11	8	BNSF
## 172	11	7	UP	0711LV018	NA	NA			11	7	UP
## 173	11	11	SFRV	110611	NA	NA			11	11	CSX
## 174	11	5	UPME	0511CM011	NA	NA			11	5	UPME
## 175	11	6	ATK	120239	NA	NA			11	6	UP
## 176	11	5	LI	GR20110501	NA	NA			11	5	LI
## 177	12	1	ATK	122600	NA	NA			12	1	BNSF
## 178	12	2	ATK	122696	NA	NA			12	2	NS
## 179	12	1	ATK	122658	NA	NA			12	1	IC
## 180	12	10	SCAX	100612	NA	NA			12	10	SCAX
## 181	12	11	CRSH	102363	NA	NA			12	11	CRSH
## 182	12	1	SCRT	01282012	NA	NA			12	1	SCRT
## 183	12	12	ATK	126404	NA	NA			12	12	SDNX
## 184	12	10	ATK	125842	NA	NA			12	10	ATK
## 185	12	11	ATK	126266	NA	NA			12	11	CFRC
## 186	12	6	ATK	124408	NA	NA			12	6	ATK
## 187	12	7	ATK	124837	NA	NA			12	7	IC
## 188	12	11	UP	1112FW016	NA	NA			12	11	UP
## 189	12	4	CMTY	C043012ATX	NA	NA			12	4	CMTY
## 190	12	3	SEPA	12494	NA	NA			12	3	SEPA
## 191	12	3	ATK	123110	NA	NA			12	3	BNSF
## 192	12	6	ATK	124468	NA	NA			12	6	UP
## 193	12	12	IC	766275	NA	NA			12	12	ZTAM
## 194	12	10	ATK	125592	NA	NA			12	10	BNSF
## 195	12	8	ATK	125076	NA	NA			12	8	NS
## 196	12	8	SDNX	08312012	NA	NA			12	8	SDNX
## 197	13	8	BNSF	TX0813203	NA	NA			13	8	BNSF
## 198	13	10	WVC	201301	NA	NA			13	10	WVC
## 199	13	5	MNCW	2013051720	NA	NA			13	5	MNCW
## 200	13	2	UP	0213LV008	NA	NA			13	2	UP
## 201	13	1	NJTR	201301060	NA	NA			13	1	NJTR
## 202	13	11	SNJX	11012013	NA	NA			13	11	SNJX
## 203	13	6	NJTR	201306321	NA	NA			13	6	NJTR
## 204	13	4	SCAX	040613	NA	NA			13	4	SCAX
## 205	13	3	UP	0313LK026	NA	NA			13	3	UP
## 206	13	12	ATK	130881	NA	NA			13	12	BNSF
## 207	13	8	CSX	000119210	NA	NA			13	8	CSX
## 208	13	4	BNSF	NE0413200	NA	NA			13	4	BNSF
## 209	13	9	ATK	129808	NA	NA			13	9	IC
## 210	13	12	MNCW	2013120106	NA	NA			13	12	MNCW
## 211	13	5	UP	0513SL011	13	5	BNSF	SF0513118	13	5	UP
## 212	13	5	CSX	000116641	NA	NA			13	5	CSX
## 213	13	11	ATK	130746	NA	NA			13	11	NS
## 214	13	4	ATK	127782	NA	NA			13	4	UP
## 215	14	7	PARN	140701	NA	NA			14	7	PARN
## 216	14	6	ATK	133293	NA	NA			14	6	ATK
## 217	14	4	SFRV	042414	NA	NA			14	4	CSX
## 218	14	3	ATK	132127	NA	NA			14	3	BNSF
## 219	14	7	ATK	133598	NA	NA			14	7	IC
## 220	14	10	ATK	134971	NA	NA			14	10	CSX
## 221	14	6	ATK	133179	NA	NA			14	6	UP

## 222	14	10	CSX	000137001	NA	NA			14	10	CSX
## 223	14	1	NIRC	MRH001	NA	NA			14	1	NIRC
## 224	14	6	ATK	133044	NA	NA			14	6	BNSF
## 225	14	6	ATK	133275	NA	NA			14	6	ATK
## 226	15	7	ATK	138095	NA	NA			15	7	UP
## 227	15	9	ATK	139152	NA	NA			15	9	CSX
## 228	15	10	ATK	139478	NA	NA			15	10	NECR
## 229	15	11	ATK	139911	NA	NA			15	11	NS
## 230	15	5	BNSF	TX0515100	NA	NA			15	5	BNSF
## 231	15	5	ATK	137404	15	5	CRSH	115640	15	5	ATK
## 232	15	2	MNCW	2015020343	NA	NA			15	2	MNCW
## 233	15	1	SNJX	1162015	NA	NA			15	1	SNJX
## 234	15	3	IC	842345	NA	NA			15	3	IC
## 235	15	5	ATK	137360	NA	NA			15	5	IC
## 236	15	9	UP	0915LA001	NA	NA			15	9	UP
## 237	15	2	SCAX	022415	NA	NA			15	2	UP
## 238	15	7	CSX	000148646	NA	NA			15	7	CSX
## 239	15	6	ATK	137689	NA	NA			15	6	UP
## 240	15	11	ATK	139958	NA	NA			15	11	CSX
## 241	15	3	ATK	136580	NA	NA			15	3	CSX
## 242	15	11	ATK	140148	NA	NA			15	11	BNSF
## 243	15	10	ATK	139565	NA	NA			15	10	IC
## 244	15	10	CSX	000153446	NA	NA			15	10	CSX
## 245	15	6	ATK	137744	NA	NA			15	6	BNSF
## 246	15	10	CFRC	15281	NA	NA			15	10	CFRC
## 247	16	11	ATK	144953	NA	NA			16	11	UP
## 248	16	5	ATK	142463	NA	NA			16	5	IC
## 249	16	4	NS	120060	NA	NA			16	4	NS
## 250	16	3	ATK	141515	NA	NA			16	3	BNSF
## 251	16	7	ATK	143401	NA	NA			16	7	IC
## 252	16	10	ATK	144521	NA	NA			16	10	IC
## 253	16	5	SNJX	05052016	NA	NA			16	5	SNJX
## 254	16	4	ATK	141786	NA	NA			16	4	ATK
## 255	16	5	ATK	142375	NA	NA			16	5	BNSF
## 256	16	6	ATK	143003	NA	NA			16	6	BNSF
## 257	16	5	ATK	142222	NA	NA			16	5	CSX
## 258	16	1	SFRV	010416	NA	NA			16	1	SFRV
## 259	16	9	ATK	144149	NA	NA			16	9	TRE
## 260	16	8	ATK	144059	NA	NA			16	8	IC
## 261	16	3	ATK	141417	NA	NA			16	3	UP
## 262	16	3	ACEX	A03072016	NA	NA			16	3	UP
## 263	16	9	NJTR	201609513	NA	NA			16	9	NJTR
## 264	16	2	ATK	141217	NA	NA			16	2	UP
## 265	17	12	ATK	150985	NA	NA			17	12	SCR
## 266	17	7	ATK	148201	NA	NA			17	7	BNSF
## 267	17	8	ATK	149067	NA	NA			17	8	CSX
## 268	17	8	CSX	000170611	NA	NA			17	8	CSX
## 269	17	5	MNCW	2017051832	NA	NA			17	5	MNCW
## 270	17	5	ATK	147363	NA	NA			17	5	BNSF
## 271	17	12	ATK	151093	NA	NA			17	12	CSX
## 272	17	1	ATK	145805	NA	NA			17	1	CFRC
## 273	17	3	ATK	146864	NA	NA			17	3	ATK
## 274	17	8	GSM	08222017	NA	NA			17	8	GSM
## 275	17	11	UP	1117H0005	NA	NA			17	11	UP

## 276	17	4	NJTR	201704122	NA	NA			17	4	ATK
## 277	17	3	NJTR	201703105	17	3	ATK	146813	17	3	ATK
## 278	17	1	LI	EQ20170103	NA	NA			17	1	LI
## 279	17	2	RTDC	37517	NA	NA			17	2	RTDC
## 280	17	3	CSX	000167264	NA	NA			17	3	CSX
## 281	17	7	ATK	148383	NA	NA			17	7	CSX
## 282	18	1	ATK	151771	NA	NA			18	1	BB
## 283	18	10	ATK	155706	NA	NA			18	10	IC
## 284	18	9	ATK	155431	NA	NA			18	9	UP
## 285	18	8	TRE	18007	NA	NA			18	8	TRE
## 286	18	8	ATK	154895	NA	NA			18	8	UP
## 287	18	2	ATK	151818	NA	NA			18	2	CSX
## 288	18	3	ATK	152432	NA	NA			18	3	GTW
## 289	18	1	ATK	151285	NA	NA			18	1	CSX
## 290	18	7	CSX	000177906	NA	NA			18	7	CSX
## 291	18	11	ATK	156405	NA	NA			18	11	BNSF
## 292	18	6	ATK	153605	NA	NA			18	6	ATK
## 293	18	8	NJTR	201808397	NA	NA			18	8	ATK
## 294	18	7	NJTR	201807361	NA	NA			18	7	NJTR
## 295	18	11	ATK	156193	NA	NA			18	11	CSX
## 296	19	4	ATK	158360	NA	NA			19	4	UP
## 297	19	8	ATK	160879	NA	NA			19	8	UP
## 298	19	8	ATK	160663	NA	NA			19	8	IC
## 299	19	1	ATK	157343	NA	NA			19	1	ATK
## 300	19	10	ATK	161729	NA	NA			19	10	UP
## 301	19	11	SMRT	191113	NA	NA			19	11	SMRT
## 302	19	3	MNCW	69480	NA	NA			19	3	MNCW
## 303	19	1	ATK	157268	NA	NA			19	1	NS
## 304	19	5	RTDC	050619	NA	NA			19	5	RTDC
## 305	19	5	ATK	159188	NA	NA			19	5	IC
## 306	19	1	NS	132320	NA	NA			19	1	NS
## 307	19	2	LI	69346	NA	NA			19	2	LI
## 308	19	7	ATK	160293	NA	NA			19	7	IC
##	INCDTN03	DUMMY1	GXID	YEAR	MONTH	DAY	TIMEHR	TIMEMIN	AMPM		TYPE
## 1	NE0301109	NA		1	3	17	11	40	PM		Derailment
## 2	020130006	NA		1	2	5	11	40	AM		Rearend
## 3	NC1201200	NA	028394Y	1	12	12	3	59	PM		Hwy-Rail
## 4	I0601	NA		1	9	11	8	48	AM		Explosive
## 5	0901UT008	NA		1	9	13	5	0	AM		Side
## 6	0901LK014	NA		1	9	11	9	50	AM		Side
## 7	0701SA036	NA	746505U	1	7	25	5	25	PM		Hwy-Rail
## 8	070106007	NA	637357C	1	7	9	8	10	AM		Hwy-Rail
## 9	0701SL016	NA		1	7	29	1	57	AM		Derailment
## 10	200107374	NA		1	6	20	4	23	PM		Derailment
## 11	NC0501200	NA	028647E	1	5	4	8	55	PM		Hwy-Rail
## 12	0101	NA	298698H	1	3	26	3	35	PM		Hwy-Rail
## 13	2002101	NA		2	12	7	6	55	PM		Derailment
## 14	170488	NA		2	1	18	1	39	AM		Derailment
## 15	SC1102200	NA	028209C	2	11	5	6	0	PM		Hwy-Rail
## 16	0802RS020	NA		2	8	21	10	12	PM		Obstruction
## 17	TC0702201	NA	075717T	2	7	3	2	50	PM		Hwy-Rail
## 18	070222017	NA		2	7	29	1	55	PM		Derailment
## 19	070206044	NA	623001D	2	7	30	3	57	PM		Hwy-Rail
## 20	EQ20020604	NA		2	6	22	12	0	PM		Rearend

## 21	073902	NA	2	6	17	5	41	PM	Side
## 22	CH0602105	NA	2	6	12	3	21	PM	HeadOn
## 23	073902	NA	2	6	17	5	41	PM	Side
## 24	0502H0025	NA 426599P	2	5	29	4	45	PM	Hwy-Rail
## 25	050205009	NA 632445V	2	5	14	9	0	AM	Hwy-Rail
## 26	SC0402109	NA	2	4	23	8	16	AM	HeadOn
## 27	040206013	NA	2	4	18	5	5	PM	Derailment
## 28	008818	NA 736049U	2	3	19	2	20	PM	Hwy-Rail
## 29	010228002	NA	2	1	7	12	30	PM	Derailment
## 30	0703RS022	NA 751703A	3	7	15	7	0	AM	Hwy-Rail
## 31	050306002	NA 637344B	3	5	6	7	20	AM	Hwy-Rail
## 32	0703RS024	NA	3	7	18	2	20	AM	Rearend
## 33	1103SL015	NA 446036S	3	11	26	9	10	AM	Hwy-Rail
## 34	013086	NA 719983X	3	6	17	4	45	PM	Hwy-Rail
## 35	I0303	NA	3	1	17	6	36	PM	Obstruction
## 36	079010	NA	3	7	14	7	55	AM	Derailment
## 37	010603	NA 746784S	3	1	6	9	20	AM	Hwy-Rail
## 38	2003081501	NA	3	8	15	3	35	AM	Rearend
## 39	R0314	NA	3	10	12	4	38	PM	Derailment
## 40	013809	NA 714610G	3	8	28	9	37	AM	Hwy-Rail
## 41	TC0903201	NA 071246S	3	9	16	9	37	AM	Hwy-Rail
## 42	012604R001	NA	4	1	26	11	50	PM	Other
## 43	KS0204105	NA	4	2	9	7	30	AM	Derailment
## 44	0304CM011	NA	4	3	26	9	2	AM	Other
## 45	215995	NA	4	4	6	6	33	PM	Derailment
## 46	092111	NA	4	4	19	7	4	AM	Rearend
## 47	092857	NA	4	6	16	3	45	AM	Obstruction
## 48	SF0604205	NA 667296V	4	6	18	2	50	PM	Hwy-Rail
## 49	017256	NA 725945C	4	6	25	10	7	AM	Hwy-Rail
## 50	0604SA011	NA	4	6	28	5	3	AM	Side
## 51	093644	NA 500726P	4	8	21	8	0	AM	Hwy-Rail
## 52	TX0804203	NA 274665C	4	8	16	12	20	PM	Hwy-Rail
## 53	000006096	NA 636852M	4	8	30	3	45	PM	Hwy-Rail
## 54	200409526	NA	4	8	30	2	15	AM	Other
## 55	2004092014	NA 529898H	4	9	20	8	37	AM	Hwy-Rail
## 56	018877	NA	4	10	19	2	4	AM	Fire
## 57	000009482	NA 629688U	4	12	25	11	8	PM	Hwy-Rail
## 58	0705SA023	NA 427944Y	5	7	15	7	41	AM	Hwy-Rail
## 59	0805TC030	NA 179116Y	5	8	30	8	15	AM	Hwy-Rail
## 60	NW0405101	NA	5	4	3	9	35	AM	Derailment
## 61	332647	NA 300152A	5	2	13	3	23	PM	Hwy-Rail
## 62	0105DV019	NA	5	1	11	10	0	PM	Obstruction
## 63	021799	NA 735480V	5	8	2	12	30	PM	Hwy-Rail
## 64	0805LA010	NA 745884T	5	8	5	8	35	PM	Hwy-Rail
## 65	0905SL024	NA	5	9	28	11	8	PM	Obstruction
## 66	1205DV014	NA 255176R	5	12	14	11	8	AM	Hwy-Rail
## 67	SF0805200	NA 664089R	5	8	9	12	45	PM	Hwy-Rail
## 68	000015294	NA	5	9	22	3	17	AM	HeadOn
## 69	NC016Y	NA 372131E	5	11	23	4	43	PM	Hwy-Rail
## 70	R0522	NA	5	9	17	8	35	AM	Derailment
## 71	ME062Y	NA 289542K	5	4	18	6	26	PM	Hwy-Rail
## 72	INDUSTRY	NA	5	1	6	2	39	AM	SeeNarrative
## 73	012605	NA	5	1	26	6	5	AM	Obstruction
## 74	04190501	NA 501723X	5	4	19	7	4	PM	Hwy-Rail

## 75	1005LK032	NA	5	10	15	4	56	AM	Rearend
## 76	200501	NA	5	5	10	11	30	AM	Other
## 77	0506SA008	NA 743294P	6	5	5	9	52	AM	Hwy-Rail
## 78	000026819	NA 643880H	6	11	8	1	43	PM	Hwy-Rail
## 79	NW0106119	NA	6	1	28	1	5	AM	Derailment
## 80	0706LV044	NA	6	7	30	3	20	PM	Derailment
## 81	000023397	NA 628100T	6	5	18	10	54	AM	Hwy-Rail
## 82	539380	NA 296124L	6	11	20	7	45	AM	Hwy-Rail
## 83	0606CM007	NA 173957U	6	6	28	3	54	PM	Hwy-Rail
## 84	000019277	NA	6	1	5	6	40	AM	Derailment
## 85	1106RS011	NA	6	11	9	11	0	AM	Derailment
## 86	0306WH005	NA 596844H	6	3	7	9	47	AM	Hwy-Rail
## 87	0485	NA 536861K	6	10	23	7	48	AM	Hwy-Rail
## 88	070106R004	NA	6	7	1	2	54	PM	HeadOn
## 89	0606DV003	NA 818462E	6	6	3	9	59	AM	Hwy-Rail
## 90	172006	NA 253485W	6	7	26	4	20	PM	Hwy-Rail
## 91	025365	NA 727807V	6	6	1	11	40	AM	Hwy-Rail
## 92	000026422	NA	6	10	24	5	20	AM	HeadOn
## 93	0306DV023	NA 253565P	6	3	25	12	24	PM	Hwy-Rail
## 94	KS1206123	NA	6	12	30	6	35	PM	Obstruction
## 95	GC0406202	NA 767907J	6	4	28	1	43	PM	Hwy-Rail
## 96	GC0606202	NA 758008B	6	6	14	12	55	PM	Hwy-Rail
## 97	TX0906110	NA	6	9	19	6	15	PM	Derailment
## 98	1206SL002	NA	6	12	4	2	24	AM	Derailment
## 99	525661	NA 309452U	6	6	21	6	52	PM	Hwy-Rail
## 100	NW0706200	NA 092479W	6	7	3	4	45	PM	Hwy-Rail
## 101	025324	NA 545296H	6	5	30	1	9	PM	Hwy-Rail
## 102	DE0740	NA 845171L	7	10	18	11	26	AM	Hwy-Rail
## 103	2007062115	NA	7	6	21	1	46	PM	Derailment
## 104	100407R003	NA 593130H	7	10	4	2	31	PM	Hwy-Rail
## 105	121507R001	NA 593130H	7	12	15	7	52	AM	Hwy-Rail
## 106	0520	NA	7	1	9	1	40	PM	HeadOn
## 107	MBR3407DR	NA	7	5	2	8	40	AM	Derailment
## 108	0207LK039	NA	7	2	24	3	30	PM	Derailment
## 109	1007LK029	NA 787838H	7	10	21	12	58	PM	Hwy-Rail
## 110	0707NP018	NA 815911G	7	7	28	2	40	AM	Hwy-Rail
## 111	0507LA004	NA	7	5	2	4	9	PM	Derailment
## 112	CA0507200	NA 028755B	7	5	8	2	5	PM	Hwy-Rail
## 113	0807RS022	NA 751494U	7	8	17	3	2	PM	Hwy-Rail
## 114	031044	NA	7	11	30	11	23	AM	Rearend
## 115	07030801	NA	7	3	8	8	30	AM	Derailment
## 116	000034208	NA 624298P	7	7	16	3	18	PM	Hwy-Rail
## 117	000034065	NA 624310U	7	7	17	3	15	PM	Hwy-Rail
## 118	CA0707201	NA 028386G	7	7	19	1	55	PM	Hwy-Rail
## 119	000036893	NA 632473Y	7	10	3	8	10	PM	Hwy-Rail
## 120	103734	NA	7	3	7	9	56	PM	HeadOn
## 121	107219	NA	8	3	2	7	30	AM	Other
## 122	1208SL005	NA 294413F	8	12	8	11	15	AM	Hwy-Rail
## 123	CA0508202	NA 028400A	8	5	28	4	58	PM	Hwy-Rail
## 124	596181	NA 299824D	8	5	27	1	0	PM	Hwy-Rail
## 125	0108H0039	NA 762897N	8	1	25	11	40	PM	Hwy-Rail
## 126	0508SA008	NA 436053F	8	5	13	1	20	PM	Hwy-Rail
## 127	091208	NA	8	9	12	4	23	PM	HeadOn
## 128	0708RS009	NA 751289N	8	7	6	4	52	PM	Hwy-Rail



## 129	108181	NA	8	3	25	5	12	PM	Other
## 130	A062708	NA	8	6	27	5	40	PM	Derailment
## 131	000046027	NA 348484F	8	4	25	3	20	PM	Hwy-Rail
## 132	08070601	NA 305037K	8	7	6	3	0	PM	Hwy-Rail
## 133	110856	NA	9	1	13	3	18	PM	Derailment
## 134	0109SL005	NA 294381C	9	1	15	9	5	AM	Hwy-Rail
## 135	035917	NA 715348T	9	3	20	5	37	PM	Hwy-Rail
## 136	035614	NA 718345H	9	2	11	11	5	AM	Hwy-Rail
## 137	0127096168	NA	9	1	27	4	50	AM	Rearend
## 138	200912771	NA 501429A	9	12	19	7	25	PM	Hwy-Rail
## 139	TX0309201	NA 020596U	9	3	13	11	20	AM	Hwy-Rail
## 140	035562	NA 715325L	9	2	4	10	0	AM	Hwy-Rail
## 141	122120090	NA	9	12	21	9	21	AM	Derailment
## 142	114021	NA	9	11	4	6	45	AM	Fire
## 143	627869	NA	9	4	2	2	18	PM	Obstruction
## 144	636850	NA	9	6	19	8	36	PM	Derailment
## 145	1109FW002	NA 430252M	9	11	5	1	46	PM	Hwy-Rail
## 146	GC0509200	NA 767693U	9	5	31	11	34	AM	Hwy-Rail
## 147	0509RS002	NA	9	5	3	10	52	PM	Obstruction
## 148	CH0709202	NA 079613A	9	7	13	3	4	PM	Hwy-Rail
## 149	036722	NA 510034C	9	7	14	10	24	PM	Hwy-Rail
## 150	000069548	NA 628088N	9	10	15	4	42	PM	Hwy-Rail
## 151	000069860	NA 629879E	9	10	23	9	30	PM	Hwy-Rail
## 152	0110LK004	NA	10	1	6	3	2	AM	Derailment
## 153	0610SA013	NA 447854E	10	6	18	10	54	AM	Hwy-Rail
## 154	117755	NA	10	11	5	8	53	AM	HeadOn
## 155	054649	NA 512363H	10	3	1	11	49	AM	Hwy-Rail
## 156	039183	NA 735472D	10	5	13	7	46	AM	Hwy-Rail
## 157	CA0810200	NA 028392K	10	8	6	3	50	PM	Hwy-Rail
## 158	000076896	NA 621001W	10	6	14	3	44	PM	Hwy-Rail
## 159	GC0910200	NA 767889N	10	9	10	10	5	AM	Hwy-Rail
## 160	000075912	NA	10	5	16	12	4	PM	Raking
## 161	0510SL014	NA	10	5	30	5	48	PM	Derailment
## 162	032010	NA 746903Y	10	3	20	9	25	AM	Hwy-Rail
## 163	119974	NA	11	6	3	8	20	AM	Raking
## 164	239	NA 053153A	11	7	11	11	4	AM	Hwy-Rail
## 165	I050111	NA	11	5	8	8	32	AM	Obstruction
## 166	CA0911203	NA 028732U	11	9	19	1	36	PM	Hwy-Rail
## 167	CA0911204	NA 029644M	11	9	30	7	35	PM	Hwy-Rail
## 168	119576	NA	11	4	26	5	2	PM	Fire
## 169	041932	NA 725160T	11	4	20	8	2	AM	Hwy-Rail
## 170	RIE069	NA 608945G	11	7	21	3	58	PM	Hwy-Rail
## 171	C00811105	NA	11	8	26	7	51	AM	Obstruction
## 172	0711LV018	NA 794280W	11	7	27	2	0	PM	Hwy-Rail
## 173	000097400	NA	11	11	6	6	52	PM	Obstruction
## 174	0511CM011	NA 176909P	11	5	13	8	40	AM	Hwy-Rail
## 175	0611RS014	NA 740765S	11	6	24	11	19	AM	Hwy-Rail
## 176	GR20110501	NA 338165K	11	5	17	6	43	AM	Hwy-Rail
## 177	NW0112201	NA 085633A	12	1	24	5	55	PM	Hwy-Rail
## 178	097888	NA 545271M	12	2	1	8	9	AM	Hwy-Rail
## 179	734103	NA 300822P	12	1	28	9	57	AM	Hwy-Rail
## 180	100612	NA 746021F	12	10	6	9	40	PM	Hwy-Rail
## 181	102363	NA	12	11	30	7	5	AM	Derailment
## 182	01282012	NA 833773T	12	1	28	4	9	PM	Hwy-Rail

## 183	12082012	NA 026849V	12	12	8	2	34	PM	Hwy-Rail
## 184	125842	NA	12	10	21	10	14	AM	Derailment
## 185	12333	NA 622318S	12	11	29	11	15	AM	Hwy-Rail
## 186	124408	NA	12	6	27	4	30	PM	Fire
## 187	753504	NA 299804S	12	7	30	11	41	AM	Hwy-Rail
## 188	1112FW016	NA 796331L	12	11	15	4	35	PM	Hwy-Rail
## 189	C043012ATX	NA 765655D	12	4	30	7	40	AM	Hwy-Rail
## 190	12494	NA	12	3	23	10	3	AM	Derailment
## 191	CA0312200	NA 028323C	12	3	7	10	57	AM	Hwy-Rail
## 192	0612FW031	NA 794986U	12	6	29	5	1	PM	Hwy-Rail
## 193	INDUSTRY	NA	12	12	19	12	36	PM	Other
## 194	CA1012200	NA 028400A	12	10	1	12	20	PM	Hwy-Rail
## 195	101024	NA 722354N	12	8	16	1	27	PM	Hwy-Rail
## 196	08312012	NA 026857M	12	8	31	7	47	AM	Hwy-Rail
## 197	TX0813203	NA 020480T	13	8	29	7	25	AM	Hwy-Rail
## 198	201301	NA 832163G	13	10	11	1	19	PM	Hwy-Rail
## 199	2013051720	NA	13	5	17	6	8	PM	Derailment
## 200	0213LV008	NA 762730C	13	2	19	8	0	AM	Hwy-Rail
## 201	201301060	NA 266901J	13	1	30	8	2	AM	Hwy-Rail
## 202	11012013	NA 501716M	13	11	1	8	4	AM	Hwy-Rail
## 203	201306321	NA 263418E	13	6	21	11	58	AM	Hwy-Rail
## 204	040613	NA 746055A	13	4	6	2	26	PM	Hwy-Rail
## 205	0313LK026	NA 787816H	13	3	26	9	17	AM	Hwy-Rail
## 206	TC1213203	NA 097605F	13	12	6	2	16	PM	Hwy-Rail
## 207	000119210	NA 050414M	13	8	7	5	8	AM	Hwy-Rail
## 208	NE0413200	NA 062976S	13	4	1	4	5	PM	Hwy-Rail
## 209	791254	NA 300794N	13	9	10	9	30	AM	Hwy-Rail
## 210	2013120106	NA	13	12	1	7	20	AM	Derailment
## 211	0513SL011	NA	13	5	25	2	35	AM	Side
## 212	000116641	NA 140833J	13	5	28	2	5	PM	Hwy-Rail
## 213	107886	NA	13	11	25	12	5	AM	Derailment
## 214	0413H0001	NA 743809A	13	4	2	10	3	AM	Hwy-Rail
## 215	140701	NA	14	7	23	1	55	PM	Derailment
## 216	133293	NA 500685M	14	6	23	9	30	AM	Hwy-Rail
## 217	000128940	NA 628160C	14	4	24	11	0	AM	Hwy-Rail
## 218	CA0314200	NA 028706E	14	3	22	8	35	PM	Hwy-Rail
## 219	819857	NA 300171E	14	7	14	1	20	PM	Hwy-Rail
## 220	000136853	NA 341261R	14	10	28	8	20	AM	Hwy-Rail
## 221	0614SA013	NA 415615R	14	6	13	2	2	PM	Hwy-Rail
## 222	000137001	NA 546495N	14	10	30	6	49	PM	Hwy-Rail
## 223	MRH001	NA 386381H	14	1	6	5	50	AM	Hwy-Rail
## 224	CA0614201	NA 028601R	14	6	1	9	25	AM	Hwy-Rail
## 225	133275	NA	14	6	22	11	51	PM	Obstruction
## 226	0715SA004	NA 742684Y	15	7	4	10	15	PM	Hwy-Rail
## 227	000151956	NA 908570A	15	9	10	12	59	PM	Hwy-Rail
## 228	NEC81625D	NA	15	10	5	10	4	AM	Derailment
## 229	118100	NA 725393P	15	11	6	2	0	PM	Hwy-Rail
## 230	TX0515100	NA	15	5	8	1	15	AM	Derailment
## 231	137404	NA	15	5	12	9	20	PM	Derailment
## 232	2015020343	NA 529902V	15	2	3	6	27	PM	Hwy-Rail
## 233	1162015	NA 501717U	15	1	16	3	56	PM	Hwy-Rail
## 234	842345	NA	15	3	2	10	40	AM	SeeNarrative
## 235	849530	NA 300155V	15	5	10	1	34	PM	Hwy-Rail
## 236	0915LA001	NA 810883N	15	9	1	3	4	PM	Hwy-Rail

## 237	0215LA023	NA	15	2	24	5	45	AM	Obstruction
## 238	000148646	NA	15	7	1	11	45	PM	Derailment
## 239	0615SL003	NA 290497P	15	6	5	3	56	PM	Hwy-Rail
## 240	000154107	NA 634243E	15	11	9	6	19	AM	Hwy-Rail
## 241	000142731	NA 629659J	15	3	9	12	19	PM	Hwy-Rail
## 242	TC1115201	NA 093052X	15	11	23	12	50	PM	Hwy-Rail
## 243	867948	NA 300692V	15	10	10	8	56	AM	Hwy-Rail
## 244	000153446	NA 638337U	15	10	20	5	10	PM	Hwy-Rail
## 245	CA0615201	NA 028442L	15	6	10	10	5	AM	Hwy-Rail
## 246	15281	NA	15	10	8	8	10	AM	Raking
## 247	1116PD002	NA 759578S	16	11	7	7	24	AM	Hwy-Rail
## 248	888868	NA 300881S	16	5	18	6	11	PM	Hwy-Rail
## 249	120060	NA 727825T	16	4	8	1	40	PM	Hwy-Rail
## 250	KS0316103	NA	16	3	14	12	2	AM	Derailment
## 251	895343	NA 300674X	16	7	21	8	58	AM	Hwy-Rail
## 252	902836	NA 300748M	16	10	5	9	31	AM	Hwy-Rail
## 253	05052016	NA 501709C	16	5	5	10	15	AM	Hwy-Rail
## 254	141786	NA	16	4	3	7	50	AM	Obstruction
## 255	CA0516201	NA 028596W	16	5	13	12	32	PM	Hwy-Rail
## 256	PR0616201	NA 003324M	16	6	26	9	45	AM	Hwy-Rail
## 257	000159507	NA 624308T	16	5	3	12	50	PM	Hwy-Rail
## 258	010416	NA 628146G	16	1	4	6	49	AM	Hwy-Rail
## 259	16010	NA 597759W	16	9	8	2	18	PM	Hwy-Rail
## 260	899379	NA 288991W	16	8	31	9	30	PM	Hwy-Rail
## 261	0316RS003	NA 751176H	16	3	3	6	8	PM	Hwy-Rail
## 262	0316RS011	NA	16	3	7	7	20	PM	Obstruction
## 263	201609513	NA	16	9	29	8	38	AM	Obstruction
## 264	0216PR017	NA 289771E	16	2	19	10	45	AM	Hwy-Rail
## 265	SCR171218	NA	17	12	18	7	33	AM	Derailment
## 266	NW0717101	NA	17	7	2	2	29	PM	Derailment
## 267	000171075	NA 634212F	17	8	18	7	0	AM	Hwy-Rail
## 268	000170611	NA	17	8	2	4	55	AM	Derailment
## 269	2017051832	NA	17	5	18	4	54	PM	Derailment
## 270	CA0517103	NA	17	5	5	5	25	AM	Obstruction
## 271	000173605	NA 623083M	17	12	21	2	47	PM	Hwy-Rail
## 272	17006	NA 626405J	17	1	6	7	15	PM	Hwy-Rail
## 273	146864	NA	17	3	27	10	38	AM	Derailment
## 274	08222017	NA 720164D	17	8	22	11	48	AM	Hwy-Rail
## 275	1117H0005	NA 755327J	17	11	3	3	51	PM	Hwy-Rail
## 276	146920	NA	17	4	3	9	0	AM	Derailment
## 277	146813	NA	17	3	24	9	0	AM	Derailment
## 278	EQ20170103	NA	17	1	4	8	18	AM	Obstruction
## 279	37517	NA 805500Y	17	2	14	3	37	AM	Hwy-Rail
## 280	000167264	NA 340185W	17	3	7	3	11	PM	Hwy-Rail
## 281	000170153	NA 628045V	17	7	11	3	16	PM	Hwy-Rail
## 282	2018T101	NA 224704E	18	1	31	11	16	AM	Hwy-Rail
## 283	975478	NA 300146W	18	10	10	1	59	PM	Hwy-Rail
## 284	0918H0043	NA 743688E	18	9	21	1	33	PM	Hwy-Rail
## 285	18007	NA 598361H	18	8	25	12	9	PM	Hwy-Rail
## 286	0818LK035	NA 794617X	18	8	18	1	10	PM	Hwy-Rail
## 287	000174491	NA	18	2	4	2	27	AM	HeadOn
## 288	953706	NA 283619A	18	3	24	8	37	PM	Hwy-Rail
## 289	000173806	NA	18	1	3	9	30	PM	Derailment
## 290	000177906	NA 050367G	18	7	30	4	15	PM	Hwy-Rail

##	291	CH1118202	NA 079703Y	18	11	22	9	35	AM	Hwy-Rail
##	292	153605	NA 518010R	18	6	5	10	32	AM	Hwy-Rail
##	293	154953	NA	18	8	9	6	30	AM	Obstruction
##	294	201807361	NA 263412N	18	7	9	4	46	PM	Hwy-Rail
##	295	000179753	NA 627880S	18	11	8	10	39	AM	Hwy-Rail
##	296	0419ST016	NA 764083B	19	4	7	4	2	PM	Hwy-Rail
##	297	0819GC044	NA 450660C	19	8	30	3	52	PM	Hwy-Rail
##	298	1009562	NA 299818A	19	8	16	3	10	PM	Hwy-Rail
##	299	157343	NA 545580A	19	1	25	9	30	AM	Hwy-Rail
##	300	1019NC054	NA 751692P	19	10	28	12	6	AM	Hwy-Rail
##	301	191113	NA 498565T	19	11	13	4	29	PM	Hwy-Rail
##	302	69480	NA 526294T	19	3	25	12	48	PM	Hwy-Rail
##	303	132539	NA 522646H	19	1	21	12	38	PM	Hwy-Rail
##	304	050619	NA 906047B	19	5	6	10	18	AM	Hwy-Rail
##	305	999499	NA 300863U	19	5	24	10	25	AM	Hwy-Rail
##	306	132320	NA	19	1	6	8	13	PM	Derailment
##	307	69346	NA 338146F	19	2	26	7	21	PM	Hwy-Rail
##	308	1007149	NA 289680Y	19	7	28	5	3	PM	Hwy-Rail

##	CARS	CARSDMG	CARSHZD	EVACUATE	DIVISION	STATION
## 1	0	0	0	0	WTR	NODAWAY
## 2	0	0	0	0	MET	SYRACUSE
## 3	0	0	0	0	WSD	SHAFTER
## 4	0	0	0	0	TRANSPORTATION	NEW YORK NEW YORK
## 5	0	0	0	0	WTR	WENDOVER
## 6	0	0	0	0	WTR	HALLSVILLE
## 7	0	0	0	0	SAN ANTONIO	THOMASTON
## 8	0	0	0	0	ETR	JESUP
## 9	0	0	0	0	WTR	ANNAPOLIS
## 10	0	0	0	0	HOBOKEN	GARFIELD
## 11	0	0	0	0	WSD	PLANADA
## 12	0	0	0	0	SYSTEM	TIPTONVILLE
## 13	0	0	0	0	SYSTEM	LAUREL
## 14	39	15	11	75	ST PAUL	MINOT
## 15	3	0	0	0	SOUTHERN CALIF	BORON
## 16	0	0	0	0	PAC	HAYWARD
## 17	6	0	0	0	TWIN CITIES	RANDALL
## 18	0	0	0	0	MAD	KENSINGTON
## 19	0	0	0	0	SOU	HAINES CITY
## 20	0	0	0	0	SYSTEM	JAMAICA
## 21	0	0	0	0	MADM	BALTIMORE
## 22	0	0	0	0	CHICAGO	AURORA
## 23	0	0	0	0	SOU	BALTIMORE
## 24	0	0	0	0	HOUSTON	JACKSONVILLE
## 25	0	0	0	0	SOU	RIDGELAND
## 26	0	0	0	0	SYSTEM	PLACENTIA
## 27	0	0	0	0	SOU	CRESCENT CITY
## 28	0	0	0	0	SWD	BIRMINGHAM
## 29	0	0	0	0	ALLEGHANY	HANOVER
## 30	0	0	0	0	PAC	RODEO
## 31	0	0	0	0	SOU	MCINTOSH
## 32	0	0	0	0	PAC	SACRAMENTO
## 33	0	0	0	0	CEN	LEEPER
## 34	0	0	0	0	CENTRAL	FLORENCE
## 35	0	0	0	0	TRANSPORTATION	HOBOKEN

## 36	0	0	0	0	AMTRAK NEW YORK	SECAUCUS
## 37	0	0	0	0	SYSTEM	BURBANK
## 38	0	0	0	0	NEW HAVEN	NEW ROCHELLE
## 39	0	0	0	0	ROCK ISLAND	CHICAGO
## 40	0	0	0	0	MAD	BRISTOW
## 41	0	0	0	0	TWIN CITIES	BLOOM
## 42	0	0	0	0	SYSTEM	PHILADELPHIA
## 43	0	0	0	0	CEN	KANSAS CITY
## 44	0	0	0	0	COMMUTER OPERAT	CHICAGO
## 45	0	0	0	0	SOU	FLORA
## 46	0	0	0	0	SYSTEM	NEW YORK
## 47	0	0	0	0	NED	NEW HAVEN
## 48	0	0	0	0	SPRINGFIELD	NEW ALBANY
## 49	3	0	0	0	ALABAMA	ARABI
## 50	1	1	1	100	SAN ANTONIO	MACDONA
## 51	0	0	0	0	NED	WINDSOR
## 52	0	0	0	0	TEXAS	VERNON
## 53	0	0	0	0	JACKSONVILLE	CLIMAX
## 54	0	0	0	0	NEWARK	LONG BRANCH
## 55	0	0	0	0	HARLEM	BEDFORD HILLS
## 56	0	0	0	0	CEN	PORT CLINTON
## 57	0	0	0	0	SOU	ROCKY MOUNT
## 58	0	0	0	0	SAN ANTONIO	NATALIA
## 59	0	0	0	0	TWIN CITIES	CLYMAN
## 60	0	0	0	0	PAC	STEVENSON
## 61	0	0	0	0	SOU	ROSELAND
## 62	0	0	0	0	CEN	MACK
## 63	0	0	0	0	SOU	RALEIGH
## 64	0	0	0	0	SWD	SOMIS
## 65	0	0	0	0	SWD	DE SOTO
## 66	0	0	0	0	PAC	CISCO
## 67	0	0	0	0	SPRINGFIELD	BLYTHEVILLE
## 68	0	0	0	0	FLORENCE	HANDSOM
## 69	0	0	0	0	CHICAGO UNION STATIO	ELMWOOD PARK
## 70	0	0	0	0	ROCK ISLAND	CHICAGO
## 71	0	0	0	369	METRA ELECTRIC	CHICAGO
## 72	14	5	1	5200	PIEDMONT	GRANITEVILLE
## 73	0	0	0	0	SYSTEM	GLENDALE
## 74	0	0	0	0	RIVERLINE	BEVERLY
## 75	20	10	1	1012	NORTH LITTLE ROCK	TEXARKANA
## 76	0	0	0	0	SYSTEM	CHARLESTON
## 77	0	0	0	0	SWD	COLUMBUS
## 78	0	0	0	0	SOU	TAMPA
## 79	0	0	0	0	PAC	SPRAGUE
## 80	0	0	0	0	SWD	BEAUMONT
## 81	0	0	0	0	SOU	PALM BEACH
## 82	0	0	0	0	CENTRAL	MARISSA
## 83	0	0	0	0	COMMUTER OPERAT	CHICAGO
## 84	0	0	0	0	MADV	QUANTICO
## 85	0	0	0	0	ROSEVILLE	COLFAX
## 86	0	0	0	0	WICHITA	YUKON
## 87	0	0	0	200	FRANKLIN	FRANKLIN
## 88	0	0	0	0	SYSTEM	CRESTMONT
## 89	0	0	0	0	DENVER	ST GEORGE

## 90	0	0	0	0	SYSTEM	BLANCA
## 91	5	0	0	0	ALABAMA	AXIS
## 92	0	0	0	0	C&O	CATLETTSBURG
## 93	0	0	0	0	POWDER RIVER	GLENWOOD SPRINGS
## 94	16	0	0	0	KANSAS	AMARILLO
## 95	0	0	0	0	CEN	MERMENTAU
## 96	0	0	0	0	SOU	BOUTTE
## 97	13	7	1	350	TEXAS	CRAWFORD
## 98	15	1	0	71	ST LOUIS	BENTON
## 99	0	0	0	0	HERITAGE	LEMONT
## 100	0	0	0	0	PAC	CASTLE ROCK
## 101	0	0	0	0	CEN	JACKSON
## 102	2	0	0	0	SYSTEM	WRIGHT CITY
## 103	0	0	0	0	WATERBURY	MILFORD
## 104	0	0	0	0	SYSTEM	WARMINSTER
## 105	0	0	0	0	SYSTEM	WARMINSTER
## 106	0	0	0	0	NEW HAMPSHIRE	WOBBURN
## 107	9	4	0	0	SYSTEM	MYRTLEWOOD
## 108	0	0	0	0	NORTH LITTLE ROCK	WYNNE
## 109	0	0	0	0	NORTH LITTLE ROCK	JONESBORO
## 110	0	0	0	0	NORTH PLATTE	MORRILL
## 111	0	0	0	0	SWD	ONTARIO
## 112	0	0	0	0	PAC	RIVERBANK
## 113	0	0	0	0	PAC	BENICIA
## 114	0	0	0	0	DEARBORN	CHICAGO
## 115	28	5	2	212	SOUTHEAST	HATTIESBURG
## 116	0	0	0	0	SOU	LAKELAND
## 117	0	0	0	0	SOU	PLANT CITY
## 118	0	0	0	0	SWD	SHAFTER
## 119	0	0	0	0	SOU	GARDEN CITY
## 120	0	0	0	0	CENTRAL	CHICAGO
## 121	0	0	0	0	MAD	WASHINGTON, DC
## 122	0	0	0	0	CEN	BRIGHTON
## 123	0	0	0	0	PAC	HANFORD
## 124	0	0	0	0	SOU	CRYSTAL SPRINGS
## 125	0	0	0	0	SWD	HOUSTON
## 126	0	0	0	0	SAN ANTONIO SU	NEW BRAUNFELS
## 127	0	0	0	225	SYSTEM	LOS ANGELES
## 128	0	0	0	0	PAC	ELMIRA
## 129	0	0	0	0	NST	CANTON
## 130	0	0	0	0	SYSTEM	STOCKTON
## 131	0	0	0	0	NASHVILLE	ARLINGTON
## 132	0	0	0	0	SOUTHEAST	CHUNKY
## 133	0	0	0	0	CEN	CHICAGO
## 134	0	0	0	0	CEN	CARLINVILLE
## 135	0	0	0	0	SOU	CHARLOTTE
## 136	0	0	0	0	GEORGIA	SMARR
## 137	0	0	0	0	SYSTEM	PHILADELPHIA
## 138	0	0	0	0	NEWARK	PENNSAUKEN
## 139	0	0	0	0	SWD	GAINESVILLE
## 140	0	0	0	0	SOU	HARRISBURG
## 141	0	0	0	0	CAMDEN	PENNSAUKEN
## 142	0	0	0	100	SYSTEM	PHILADELPHIA
## 143	0	0	0	0	SOU	MCCOMB

## 144	75	19	15	200	CHICAGO	CHERRY VALLEY
## 145	0	0	0	0	FORT WORTH SU	MARLIN
## 146	0	0	0	0	SOU	CADE
## 147	0	0	0	0	PAC	RICHMOND
## 148	0	0	0	0	CEN	OTTAWA
## 149	0	0	0	0	CEN	GOSHEN
## 150	0	0	0	0	SOU	WEST PALM BEACH
## 151	0	0	0	0	SOU	FAYETTEVILLE
## 152	0	0	0	0	CEN	LITTLE ROCK
## 153	0	0	0	0	SAN ANTONIO SU	ARTESIA WELLS
## 154	0	0	0	0	MADM	WASHINGTON
## 155	0	0	0	0	CEN	DETROIT
## 156	0	0	0	0	SOU	MEBANE
## 157	0	0	0	0	SWD	SHAFTER
## 158	0	0	0	0	JACKSONVILLE	LAKE COMO
## 159	0	0	0	0	GULF	CROWLEY
## 160	0	0	0	0	NST	ORISKANY
## 161	0	0	0	0	CEN	GRANITE CITY
## 162	0	0	0	0	SYSTEM	EL MONTE
## 163	0	0	0	0		CHICAGO
## 164	0	0	0	0		NORTH BERWICK
## 165	0	0	0	70	TRANSPORTATION	HOBOKEN
## 166	0	0	0	0		HUGHSON
## 167	0	0	0	0		ANTIOCH
## 168	0	0	0	0	MAD	WILMINGTON
## 169	0	0	0	0	ALABAMA	SLIDELL
## 170	0	0	0	0		OAK FOREST
## 171	0	0	0	0		BENKELMAN
## 172	6	0	0	0		NABORTON
## 173	0	0	0	277		POMPANO BEACH
## 174	0	0	0	0	COMMUTER OPS	MT PROSPECT
## 175	0	0	0	0		LOVELOCK
## 176	0	0	0	0	SYSTEM	DEER PARK
## 177	0	0	0	0	<NA>	KENT
## 178	0	0	0	0	<NA>	LEONI
## 179	0	0	0	0	<NA>	YAZOO CITY
## 180	0	0	0	0	<NA>	SANTA CLARITA
## 181	51	5	1	680	<NA>	PAULSBORO
## 182	0	0	0	0	<NA>	SACRAMENTO
## 183	0	0	0	0	<NA>	CARDIFF BY THE SEA
## 184	0	0	0	0	<NA>	NILES
## 185	0	0	0	0	<NA>	EDGEWOOD
## 186	0	0	0	0	<NA>	CHICAGO
## 187	0	0	0	0	<NA>	JACKSON
## 188	9	0	0	0	<NA>	MIDLAND
## 189	0	0	0	0	<NA>	AUSTIN
## 190	0	0	0	0	<NA>	PHILADELPHIA
## 191	0	0	0	0	<NA>	CORCORAN
## 192	0	0	0	0	<NA>	ARLINGTON
## 193	9	2	1	0	<NA>	ST GABRIEL
## 194	0	0	0	0	<NA>	HANFORD
## 195	0	0	0	0	<NA>	JAMESTOWN
## 196	0	0	0	160	<NA>	SAN DIEGO
## 197	0	0	0	0	<NA>	FORT WORTH

## 198	0	0	0	0	<NA>	HUTTONSVILLE
## 199	0	0	0	0	<NA>	BRIDGEPORT
## 200	0	0	0	0	<NA>	BEAUMONT
## 201	0	0	0	0	<NA>	LITTLE FALLS
## 202	0	0	0	0	<NA>	DELRAN
## 203	0	0	0	0	<NA>	GARFIELD
## 204	0	0	0	0	<NA>	SAN FERNANDO
## 205	0	0	0	0	<NA>	WEINER
## 206	0	0	0	0	<NA>	STAPLES
## 207	0	0	0	0	<NA>	PALMETTO
## 208	0	0	0	0	<NA>	BATAVIA
## 209	0	0	0	0	<NA>	THORNTON
## 210	0	0	0	0	<NA>	NEW YORK -BRONX
## 211	0	0	0	0	<NA>	CHAFFEE
## 212	4	3	1	0	<NA>	ROSEDALE
## 213	0	0	0	0	<NA>	SPARTANBURG
## 214	0	0	0	0	<NA>	LISSIE
## 215	0	0	0	0	<NA>	SKAGWAY
## 216	0	0	0	0	<NA>	BERLIN
## 217	0	0	0	0	<NA>	DELRAY BEACH
## 218	0	0	0	0	<NA>	MERCED
## 219	0	0	0	0	<NA>	INDEPENDENCE
## 220	0	0	0	0	<NA>	REYNOLDS
## 221	0	0	0	0	<NA>	SAN ANTONIO
## 222	8	0	0	0	<NA>	VANDALIA
## 223	0	0	0	0	<NA>	NILES
## 224	0	0	0	0	<NA>	MADERA
## 225	0	0	0	0	<NA>	MANSFIELD
## 226	0	0	0	0	<NA>	HARWOOD
## 227	0	0	0	0	<NA>	EMPORIA
## 228	0	0	0	0	<NA>	NORTHFIELD
## 229	0	0	0	0	<NA>	BIRMINGHAM
## 230	5	0	0	0	<NA>	VALLEY VIEW
## 231	0	0	0	0	<NA>	PHILADELPHIA
## 232	0	0	0	0	<NA>	VALHALLA
## 233	0	0	0	0	<NA>	DELRAN
## 234	0	0	0	0	<NA>	LUCEDALE
## 235	0	0	0	0	<NA>	AMITE
## 236	4	0	0	0	<NA>	CITY OF INDUSTRY
## 237	0	0	0	0	<NA>	OXNARD
## 238	27	1	0	5000	<NA>	MARYVILLE
## 239	0	0	0	0	<NA>	WILMINGTON
## 240	0	0	0	0	<NA>	CASSATT
## 241	0	0	0	0	<NA>	HALIFAX
## 242	0	0	0	0	<NA>	GRANVILLE
## 243	0	0	0	0	<NA>	MINTER CITY
## 244	0	0	0	0	<NA>	VIENNA
## 245	0	0	0	0	<NA>	LATON
## 246	0	0	0	0	<NA>	WINTER PARK
## 247	0	0	0	0	<NA>	AURORA
## 248	0	0	0	0	<NA>	FLORA
## 249	1	0	0	0	<NA>	SARALAND
## 250	0	0	0	0	<NA>	CIMARRON
## 251	0	0	0	0	<NA>	GLENDORA



## 252	0	0	0	0	<NA>	CRUGER
## 253	0	0	0	0	<NA>	RIVERTON
## 254	0	0	0	0	<NA>	CHESTER
## 255	0	0	0	0	<NA>	MADERA
## 256	0	0	0	0	<NA>	TRINIDAD
## 257	0	0	0	0	<NA>	PLANT CITY
## 258	0	0	0	80	<NA>	LAKE WORTH
## 259	0	0	0	0	<NA>	DALLAS
## 260	0	0	0	0	<NA>	GILMAN
## 261	0	0	0	0	<NA>	BERKELEY
## 262	0	0	0	214	<NA>	SUNOL
## 263	0	0	0	0	<NA>	HOBOKEN
## 264	0	0	0	0	<NA>	JOLIET
## 265	0	0	0	0	<NA>	DU PONT
## 266	0	0	0	0	<NA>	STEILACOOM
## 267	0	0	0	0	<NA>	PATRICK
## 268	70	13	3	1000	<NA>	HYNDMAN
## 269	0	0	0	0	<NA>	RYE
## 270	0	0	0	0	<NA>	POND
## 271	0	0	0	0	<NA>	AUBURNDALE
## 272	0	0	0	0	<NA>	KISSIMEE
## 273	0	0	0	0	<NA>	CHICAGO
## 274	0	0	0	0	<NA>	BRYSON CITY
## 275	0	0	0	0	<NA>	HOUSTON
## 276	0	0	0	0	<NA>	NEW YORK NEW YORK
## 277	0	0	0	0	<NA>	NEW YORK NEW YORK
## 278	0	0	0	0	<NA>	BROOKLYN
## 279	0	0	0	58	<NA>	AURORA
## 280	19	0	0	0	<NA>	BILOXI
## 281	0	0	0	0	<NA>	SEBRING
## 282	0	0	0	0	<NA>	CROZET
## 283	0	0	0	0	<NA>	FLUKER
## 284	0	0	0	0	<NA>	MISSOURI CITY
## 285	0	0	0	42	<NA>	FORT WORTH
## 286	0	0	0	0	<NA>	HALLSVILLE
## 287	0	0	0	0	<NA>	WEST COLUMBIA
## 288	0	0	0	0	<NA>	POTTERVILLE
## 289	0	0	0	0	<NA>	SAVANNAH
## 290	0	0	0	0	<NA>	ATLANTA
## 291	0	0	0	0	<NA>	WYANET
## 292	0	0	0	0	<NA>	MOUNT JOY
## 293	0	0	0	0	<NA>	METUCHEN
## 294	0	0	0	0	<NA>	GARFIELD
## 295	0	0	0	0	<NA>	PALATKA
## 296	0	0	0	0	<NA>	CLINT
## 297	0	0	0	0	<NA>	DAYTON
## 298	0	0	0	0	<NA>	TERRY
## 299	0	0	0	0	<NA>	THREE OAKS
## 300	0	0	0	0	<NA>	RICHMOND
## 301	0	0	0	0	<NA>	SANTA ROSA
## 302	0	0	0	0	<NA>	PAWLING
## 303	0	0	0	0	<NA>	GARY
## 304	0	0	0	0	<NA>	AURORA
## 305	0	0	0	0	<NA>	TINSLEY

## 306	33	20	4	280		<NA>				BARTOW
## 307	0	0	0	900		<NA>				WESTBURY
## 308	0	0	0	0		<NA>				UNIVERSITY PARK
##	MILEPOST	STATE	TEMP	VISIBLTY	WEATHER	TRNSPD	TYPSPD	TRNNBR	TRNDIR	TONS
## 1	0419.9	19	27	dark	clear	52	R	5	4	0
## 2	0289.3	36	31	day	snow	59	R	286	3	0
## 3	0907.2	6	50	day	clear	79	R	714	3	0
## 4		36	76	day	clear	0	E	PA61	3	0
## 5	0814.6	49	80	dark	clear	72	E	5	4	0
## 6	0076.0	48	74	day	clear	46	R	21	2	0
## 7	43.9	48	98	day	clear	38	E	ASPB	2	2817
## 8	0542.0	13	89	day	clear	38	R	91	2	0
## 9	0104.5	29	71	dark	rain	44	R	21	2	0
## 10	12.6	34	89	day	clear	60	E	55	4	200
## 11	1046.9	6	70	dusk	clear	79	E	703	4	0
## 12		47	45	day	clear	7	E	TKEN	1	300
## 13	56.4	18	28	dark	cloudy	12	E	25X	2	0
## 14	471.6	38	-5	dark	cloudy	41	R	292	3	12015
## 15	780.2	6	60	dark	clear	67	R	PCHI	4	5018
## 16	0023.0	6	54	dark	clear	60	R	14	1	0
## 17	115.7	27	85	day	clear	47	R	ZCHC	4	839
## 18	0011.8	24	95	day	clear	59	R	30	3	0
## 19	0832.9	12	97	day	clear	76	R	92	1	0
## 20	9	36	90	day	clear	0	E	L180	4	0
## 21	0095.9	24	75	day	clear	18	R	437	1	0
## 22		17	75	day	clear	13	E	ASUB	4	635
## 23	0095.9	24	75	day	clear	15	R	90	1	0
## 24	56.3	48	76	day	clear	40	E	QBLN	1	6088
## 25	0449.3	45	78	day	clear	80	R	97	2	0
## 26	40.6	6	65	day	clear	0	R	ML80	4	0
## 27	0722.2	12	85	day	clear	56	R	52	1	0
## 28	0157.2	1	72	day	clear	50	R	19	2	0
## 29	0101.9	51	40	day	rain	25	E	ONE	4	0
## 30	0022.8	6	60	day	clear	43	R	520	3	0
## 31	0522.3	13	70	day	clear	78	R	91	2	0
## 32	0088.5	6	70	dark	clear	0	E	715	4	0
## 33	0133.2	29	40	day	cloudy	55	R	22	1	0
## 34	15.60	21	78	day	clear	47	R	61AT	2	6653
## 35		34	22	dark	snow	8	E	33RD	4	0
## 36	5.6	34	70	day	clear	69	R	3920	3	0
## 37	12.77	6	60	day	clear	79	R	ML 2	3	0
## 38	17.4	36	80	dark	clear	12	E	JOB	3	0
## 39	4.7	17	55	day	clear	68	R	519	4	275
## 40	0036.3	51	93	day	clear	78	R	20	1	0
## 41	94.7	38	56	day	cloudy	55	E	LTWI	4	944
## 42		42	25	dark	snow	5	R	EXTR	1	0
## 43	0003.9	20	28	day	clear	24	R	4	3	0
## 44	0.0	17	62	day	cloudy	9	E	M611	1	350
## 45	0196.5	28	77	day	clear	78	R	58	1	0
## 46	1	36	65	dawn	clear	0	R	LI20	4	0
## 47	0077.6	9	64	dark	clear	60	R	6695	4	0
## 48	560.4	28	88	day	clear	38	R	QCLO	2	2210
## 49	003.70	22	80	day	cloudy	19	R	AN20	2	184
## 50	225.3	48	77	dawn	cloudy	45	R	MHOT	4	7291

## 51	0039.9	9	73	day	cloudy	79	R	491	4	0
## 52	160.5	48	85	day	cloudy	41	R	CBTM	3	17592
## 53	0718.6	13	90	day	clear	40	R	Q658	1	4208
## 54	22.4	34	65	dark	clear	14	R	DRIL	4	0
## 55	38.1	36	47	day	cloudy	60	E	638	2	0
## 56	0251.0	39	40	dark	cloudy	74	R	48	3	0
## 57	0115.2	37	20	dark	clear	73	R	97	2	0
## 58	284.4	48	86	day	clear	48	R	ZYCM	2	3511
## 59	276.0	55	60	day	fog	29	R	OC7S	4	8122
## 60	0058.4	53	48	day	rain	60	R	27	4	0
## 61	0840.9	22	65	day	cloudy	74	R	58	1	0
## 62	0473.3	8	35	dark	cloudy	49	R	5	4	0
## 63	0083.6	37	94	day	clear	48	R	80	3	0
## 64	0417.0	6	63	dusk	clear	64	R	796	2	0
## 65	0048.7	29	50	dark	clear	60	R	21	2	0
## 66	0508.3	49	37	day	clear	70	E	6	3	0
## 67	234.0	5	90	day	clear	53	E	SMEM	1	1155
## 68	0045.2	51	68	dark	fog	34	R	K960	2	2100
## 69	10.45	17	42	dark	cloudy	70	E	NCS1	4	0
## 70	4.7	17	80	day	clear	69	R	504	3	275
## 71	9.66	17	82	dusk	clear	30	E	339/	2	0
## 72	178.30	45	50	dark	clear	47	R	192P	1	2553
## 73	6.4	6	60	dark	rain	74	R	ML10	3	0
## 74	14.2	34	65	dusk	clear	44	R	309	2	0
## 75	417.8	5	59	dark	clear	0	R	MPBH	4	2790
## 76	5.0	49	60	day	cloudy	0	E	HVRR	2	465
## 77	0086.6	48	80	day	clear	69	E	2	3	0
## 78	0877.7	12	85	day	clear	76	R	91	2	0
## 79	0044.3	53	32	dark	clear	40	R	28	3	0
## 80	0279.3	48	89	day	cloudy	9	R	2	3	0
## 81	0964.1	12	82	day	clear	76	E	92	1	0
## 82	37.40	17	30	day	clear	55	R	C713	1	3327
## 83	5.2	17	80	day	clear	61	R	M39-	4	0
## 84	0079.7	51	35	dawn	clear	42	R	304	1	0
## 85	162.7	6	43	day	clear	40	E	WREC	4	1190
## 86	503.7	40	60	day	clear	47	R	RCKL	3	5948
## 87	28.4	25	50	dawn	cloudy	40	R	710	3	0
## 88	2.80	42	84	day	clear	0	R	#113	1	0
## 89	109.5	20	70	day	clear	53	R	CTWW	4	2664
## 90	231.2	8	87	day	clear	27	R	PASS	4	160
## 91	128.20	1	90	day	clear	37	R	A89A	2	955
## 92	0514.8	21	35	dark	clear	21	R		3	0
## 93	376.1	8	50	day	clear	48	R	XFRS	3	2858
## 94	560.9	48	28	dark	sleet	61	R	ZALT	4	4617
## 95	0179.4	22	85	day	clear	37	R	2	3	0
## 96	0027.9	22	95	day	cloudy	69	R	1	4	0
## 97	249.6	48	88	day	clear	52	R	HTPL	4	4964
## 98	306.0	17	5	dark	clear	30	E	MHOY	1	6407
## 99	23.4	17	79	day	clear	79	R	TRAI	2	0
## 100	0083.8	53	80	day	clear	75	R	507	2	0
## 101	0079.2	26	82	day	clear	75	R	350	3	0
## 102	6.9	40	85	day	clear	20	R	WEST	4	2216
## 103	0.6	9	72	day	clear	47	R	1926	1	0
## 104	7.25	42	85	day	clear	48	R	# 42	1	0

## 105	7.25	42	36	day	cloudy	48	R	D919	1	0
## 106	10.5	25	45	day	cloudy	62	R	322	2	0
## 107	48.8	1	65	day	clear	4	R	S100	3	2352
## 108	336.4	5	59	day	rain	50	R	MPSS	3	8335
## 109	132.5	5	78	day	clear	62	R	ZYCH	2	3237
## 110	160.7	31	70	dark	cloudy	27	E	CJRO	2	0
## 111	0524.0	6	77	day	clear	29	R	2	3	0
## 112	1094.5	6	80	day	clear	78	R	713	4	0
## 113	0040.1	6	80	day	clear	38	R	541	4	0
## 114	0517.2	17	36	day	clear	33	R	371	4	0
## 115	63.8	28	58	day	clear	11	R	LGP1	2	6600
## 116	0852.9	12	95	day	clear	74	R	92	1	0
## 117	0895.7	12	95	day	clear	67	R	92	2	0
## 118	0904.4	6	97	day	clear	64	R	715	4	0
## 119	0487.7	13	80	dark	clear	79	R	98	1	0
## 120	1.40	17	20	dark	cloudy	0	R	SWS8	2	0
## 121	0136.0	11	40	day	clear	0	R		2	0
## 122	0242.9	17	45	day	cloudy	51	R	301	2	0
## 123	0959.8	6	75	day	clear	70	R	717	4	0
## 124	0751.2	28	90	day	clear	79	R	59	2	0
## 125	0349.1	48	42	dark	cloudy	68	R	1	4	0
## 126	230.12	48	88	day	clear	52	E	AMXA	1	1939
## 127	444.2	6	74	day	clear	42	R	ML 1	4	0
## 128	0058.3	6	95	day	clear	79	R	736	3	0
## 129	214	25	43	day	clear	0	R	917	4	0
## 130	83.9	6	88	day	clear	9	R	ACE4	1	29000
## 131	0352.4	47	80	day	clear	47	R	Q269	2	1939
## 132	0014.4	28	72	day	rain	8	E	M923	3	0
## 133	0000.5	17	0	day	clear	13	R	3	2	0
## 134	0221.9	17	-2	day	clear	77	R	302	1	0
## 135	0370.7	37	62	day	clear	69	E	74	1	0
## 136	S212.4	13	70	day	cloudy	25	R	G02G	1	305
## 137	6.20	42	27	dark	snow	0	R	#019	2	0
## 138	2.1	34	28	dark	snow	45	R	4687	2	0
## 139	0406.5	48	57	day	cloudy	54	R	821	2	0
## 140	0361.5	37	35	day	clear	70	R	73	2	0
## 141	3.5	34	34	day	clear	4	R	229	2	0
## 142	5.4	42	45	day	cloudy	50	E	4712	3	0
## 143	0816.7	28	70	day	cloudy	73	E	59	2	0
## 144	80.10	17	66	dark	rain	34	R	U706	3	11125
## 145	132.63	48	87	day	clear	47	R	GSBE	1	3206
## 146	0132.6	22	83	day	clear	46	R	2	3	0
## 147	0013.4	6	50	dark	clear	50	E	751	4	0
## 148	0061.9	17	80	day	clear	80	R	5	4	0
## 149	0410.6	18	75	dark	clear	77	R	30	3	0
## 150	0945.0	12	89	day	clear	79	E	0097	2	0
## 151	0209.2	37	70	dark	clear	30	E	0053	2	0
## 152	0298.4	5	13	dark	cloudy	26	R	21	2	0
## 153	356.68	48	92	day	clear	45	E	QMXA	1	4887
## 154	0135.7	11	50	day	clear	12	R	4910	2	0
## 155	0004.5	26	40	day	clear	58	R	353	4	0
## 156	0031.6	37	72	day	clear	59	R	73	4	0
## 157	0912.9	6	95	day	clear	77	E	714	2	0
## 158	0713.7	12	90	day	clear	69	R	98	1	0

## 159	0168.1	22	85	day	clear	66	R	2	3	0
## 160	0243.0	36	75	day	clear	69	R	63	4	0
## 161	0275.8	17	85	day	clear	48	R	306	1	0
## 162	15.12	6	75	day	clear	58	E	ML 3	3	0
## 163	0.6	17	85	day	clear	12	R	A124	3	0
## 164	0234.2	23	89	day	clear	75	R	681	3	0
## 165		34	62	day	clear	13	E	820	3	0
## 166	1083.8	6	92	day	clear	44	R	713	4	0
## 167	1139.0	6	65	dark	clear	79	E	718	3	0
## 168	0026.8	10	82	day	clear	0	R	92	1	0
## 169	0167.9	22	74	day	clear	47	R	20	1	0
## 170	21.7	17	97	day	clear	68	R	420	3	0
## 171	0344.0	31	75	day	cloudy	55	E	6	3	0
## 172	281.1	22	90	day	cloudy	47	E	FWL	2	4283
## 173	1007.4	12	75	dark	cloudy	50	R	P672	1	0
## 174	18.8	17	70	day	clear	51	R	M636	2	0
## 175	0318.6	32	85	day	clear	79	R	5	4	0
## 176	38.5	36	50	dawn	rain	65	R	2013	4	0
## 177	0016.1	53	48	dark	rain	67	R	509	2	0
## 178	0068.2	26	36	day	clear	60	E	351	4	0
## 179	0172.2	28	50	day	clear	79	E	59	2	0
## 180	28.92	6	73	dark	clear	45	E	ML 2	4	0
## 181	013.70	34	34	dawn	clear	8	R	FC42	2	9321
## 182	136.00	6	60	day	clear	41	R	7	2	0
## 183	0239.8	6	47	day	clear	83	E	774	3	0
## 184	0190.4	26	62	day	clear	61	R	350	3	0
## 185	0795.8	12	72	day	clear	60	E	91	2	0
## 186		17	90	day	clear	0		48	2	0
## 187	0734.9	28	95	day	clear	75	R	59	2	0
## 188	554.74	48	71	day	clear	62	R	ZLCA	3	5556
## 189	69.04	48	68	dawn	cloudy	40	R	103	3	0
## 190	0.0	42	69	day	cloudy	15	E	3421	2	0
## 191	0934.2	6	59	day	clear	52	R	713	4	0
## 192	0236.5	48	102	day	clear	47	R	21	4	0
## 193	381.00	22	77	day	clear	8	R	R974	3	0
## 194	0959.8	6	100	day	clear	79	R	712	3	0
## 195	0294.6	37	80	day	clear	51	E	74	1	0
## 196	265.5	6	73	dawn	clear	25	R	636	3	0
## 197	342.3	48	90	dawn	clear	25	R	XBNT	1	3133
## 198	71.8	54	55	day	clear	10	E	CMS2	4	0
## 199	53.3	9	70	day	clear	74	R	1548	3	0
## 200	287.02	48	58	day	clear	59	R	EDYL	3	175
## 201	19.2	34	41	day	fog	59	R	1006	3	0
## 202	10.9	34	71	day	rain	53	R	221	2	0
## 203	11.3	34	70	day	clear	48	R	1255	4	0
## 204	17.87	6	71	day	clear	76	E	ML 2	3	0
## 205	146.29	5	40	day	cloudy	59	R	MJBP	2	2234
## 206	0133.3	27	11	day	clear	62	E	8	3	0
## 207	0030.4	13	80	dark	clear	46	R	Q600	1	7338
## 208	266.3	19	41	day	clear	58	R	DGAL	4	0
## 209	0151.9	28	85	day	clear	79	E	59	2	0
## 210	11.0	36	35	day	clear	82	R	8808	2	0
## 211	131.0	29	50	dark	clear	47	R	2 AS	2	4782
## 212	0087.4	24	75	day	cloudy	48	R	Q409	4	2890

## 213	0459.2	45	29	dark	clear	60	E	20	1	0
## 214	0061.6	48	70	day	clear	78	R	2	3	0
## 215	20.2	2	58	day	cloudy	27	R	23	1	415
## 216	0022.5	9	80	day	clear	80	E	490	1	0
## 217	989.1	12	89	day	clear	73	R	P618	1	0
## 218	1065.3	6	57	dusk	clear	77	E	718	3	0
## 219	0846.7	22	84	day	clear	79	R	59	2	0
## 220	0093.9	18	69	day	clear	60	E	851	1	0
## 221	0249.8	48	92	day	clear	79	E	22	1	0
## 222	0172.3	17	50	dark	rain	46	R	Q332	3	10082
## 223	MP 12.	17	-13	dawn	clear	60	E	TRAI	3	0
## 224	1015.1	6	75	day	clear	79	R	701	4	0
## 225	0200.0	25	62	dark	clear	107	E	132	3	0
## 226	0144.1	48	80	dark	clear	74	R	1	4	0
## 227	0073.3	51	82	day	cloudy	70	E	80	1	0
## 228	0065.2	50	45	day	clear	59	R	55	2	0
## 229		1	78	day	clear	44	R	20	1	0
## 230	398.8	48	64	dark	clear	34	R	ZWSP	2	4928
## 231	0000.0	42	70	dark	clear	106	R	188	3	0
## 232	26.6	36	16	dark	clear	58	E	659	1	0
## 233	11	34	39	day	clear	50	R	284	1	0
## 234	28.40	28	70	day	cloudy	0	R	CRAN	1	0
## 235	0842.6	22	85	day	clear	77	R	59	2	0
## 236	23.38	6	84	day	clear	40	R	KLBG	3	7922
## 237	406.2	6	46	dark	clear	56	R	102	2	0
## 238	0282.1	47	70	dark	cloudy	34	R	S541	2	5803
## 239	0051.4	17	80	day	clear	52	R	22	1	0
## 240	0312.1	45	55	dark	cloudy	59	E	92	1	0
## 241	0089.8	37	64	day	clear	70	E	80	1	0
## 242	0180.9	38	35	day	clear	77	R	7	4	0
## 243	0000.0	28	62	day	clear	70	E	59	2	0
## 244	0702.0	13	72	dusk	clear	46	R	L230	1	3376
## 245	0982.0	6	85	day	clear	79	E	702	3	0
## 246	MP A78	12	92	day	clear	28	R	P311	2	185
## 247	0743.1	41	65	day	clear	39	R	500	1	0
## 248	0200.6	28	75	day	cloudy	67	R	58	1	0
## 249	138.66	1	78	day	clear	42	E	A89A	2	2648
## 250	0372.8	20	46	dark	cloudy	60	R	4	3	0
## 251	0097.9	28	89	day	clear	45	E	59	2	0
## 252	0140.7	28	70	day	clear	79	E	59	2	0
## 253	8.3	34	55	day	cloudy	30	R	297/	2	0
## 254	0015.7	42	50	day	clear	102	R	89	2	0
## 255	1012.1	6	85	day	clear	79	E	713	4	0
## 256	0632.7	8	77	day	clear	74	E	3	4	0
## 257	0859.5	12	82	day	clear	70	E	91	2	0
## 258	977.3	12	63	day	clear	64	R	P604	1	0
## 259	0641.6	48	95	day	clear	57	E	21	4	0
## 260	0083.2	17	65	dark	clear	73	E	59	2	0
## 261	0006.0	6	60	dusk	clear	79	E	718	2	0
## 262	34.00	6	46	dark	rain	40	R	ACE1	3	275
## 263	.1	34	63	day	cloudy	21	R	1614	3	0
## 264	0040.5	17	61	day	clear	64	E	303	2	0
## 265	0019.8	53	48	dawn	rain	78	R	501	2	0
## 266	0014.4	53	78	day	clear	32	R	506	1	0

## 267	0284.8	45	80	day	cloudy	54	E	92	1	0
## 268	0192.3	42	64	dawn	clear	29	R	Q388	3	18252
## 269	24.5	36	95	day	clear	56	R	1373	4	0
## 270	0919.4	6	67	dawn	clear	80	E	711	3	0
## 271	0842.3	12	80	day	clear	72	E	91	1	0
## 272	0813.7	12	78	dark	cloudy	79	E	92	1	0
## 273	0000.9	17	48	day	rain	13	R	49	1	0
## 274	79.9	37	80	day	cloudy	9	E	NG	4	935
## 275	7.29	48	85	day	cloudy	17	E	ZLAJ	3	1976
## 276	0	36	55	day	clear	13	R	3926	3	0
## 277	.2	36	42	day	clear	5	E	6214	3	0
## 278	0	36	44	day	clear	12	R	2817	4	0
## 279	10.89	8	20	dark	clear	69	R	4038	1	0
## 280	0726.6	28	68	day	clear	19	R	Q606	1	3990
## 281	0880.2	12	88	day	cloudy	71	E	92	1	0
## 282	0195.8	51	33	day	clear	61	R	923	4	0
## 283	0837.4	22	86	day	clear	79	E	59	2	0
## 284	0017.6	48	93	day	cloudy	57	E	2	3	0
## 285	626.3	48	97	day	clear	75	R	TRE	4	119
## 286	0078.3	48	102	day	clear	75	E	21	2	0
## 287	0367.1	45	39	dark	cloudy	52	R	91	2	0
## 288	0208.2	26	29	dark	clear	63	E	364	3	0
## 289	0490.7	13	26	dark	clear	5	E	98	2	0
## 290	0012.4	13	89	day	cloudy	39	E	Q197	2	1085
## 291	0112.5	17	27	day	clear	78	R	381	4	0
## 292	0078.6	42	70	day	clear	79	R	648	3	0
## 293	25.8	34	76	dawn	clear	90	R	3701	4	0
## 294	12.9	34	88	day	clear	62	R	66	3	0
## 295	0690.5	12	82	day	clear	73	E	97	2	0
## 296	0807.3	48	75	day	clear	70	E	1	4	0
## 297	0404.5	48	92	day	clear	60	E	2	3	0
## 298	0746.5	28	95	day	clear	77	E	59	2	0
## 299	0211.8	26	-3	day	clear	110	R	350	3	0
## 300	0013.5	6	59	dark	clear	70	E	14	3	0
## 301	55.3	6	55	day	cloudy	35	E	TRAI	2	0
## 302	64.6	36	55	day	clear	57	R	956	2	0
## 303	0499.5	18	10	day	clear	58	E	365	4	0
## 304	10.36	8	67	day	clear	45	R	4056	1	0
## 305	0186.6	28	86	day	clear	51	E	59	2	0
## 306	S113.0	13	50	dark	clear	47	R	192G	3	4360
## 307	21.8	36	25	dark	clear	75	R	LI 2	4	0
## 308	0031.4	17	86	day	cloudy	69	E	393	2	0
##	TYPEQ	EQATT		TRKNAME	TRKCLAS	TRKDNSTY	TYPTRK	RRCAR1	CARNBR1	
## 1	Commuter	Y		SINGLE MAIN	4	000000	1	AMT	140	
## 2	Commuter	Y		1	4	000000	1	ATK	414	
## 3	Commuter	Y		MAIN	4	000000	1	ATK	2012	
## 4	Yard	N		TRACK 3	3	24	1	PA	612	
## 5	Commuter	Y		MAIN	4	000000	1	AMT	143	
## 6	Commuter	Y		SINGLE MAIN	5	000000	1	AMT	163	
## 7	Passenger	Y		SINGLE MAIN	3	005.78	1	NS	9740	
## 8	Commuter	Y		MAIN	4	000000	1	AMT	158	
## 9	Commuter	Y		MAIN	3	000000	1	AMT	131	
## 10	Work	Y		MAIN TR #1	4		1	NJT	4134	
## 11	Commuter	Y		MAIN LINE	4	000000	1	ATK	2052	

## 12	Passenger	Y	SINGLE MAIN TRACK	X		1	TKEN	9435
## 13	Commuter	Y	SINGLE MAIN TRACK	1	.	1	WVRR	5
## 14	Passenger	Y	SINGLE MAIN	3	000024	1	SOO	73223
## 15	Passenger	Y	MOJAVE SUB MAIN LINE	5	000.00	1	BNSF	4173
## 16	Commuter	Y	MAIN	5	000000	1	ATK	2011
## 17	Passenger	Y	MAIN	4	063.00	1	BNSF	5394
## 18	Commuter	Y	NO.#1	4	000000	1	AMT	1750
## 19	Commuter	Y	MAIN	4	000000	1	AMT	10
## 20	Commuter	Y	2 STATION TRACK	1		1	LI	9768
## 21	Work	Y	TRK #6	2	000000	1	MARC	7809
## 22	Work	Y	LEAD	3		2	METX	197
## 23	Commuter	Y	TRK #6	2	000000	1	ATK	55
## 24	Passenger	Y	SINGLE MAIN	4	039.00	1	UP	5620
## 25	Commuter	Y	MAIN	4	000000	1	AMT	50
## 26	Work	Y	SOUTH TRACK	4		1	ML	634
## 27	Commuter	Y	MAIN	4	000000	1	AMT	32084
## 28	Commuter	Y	MAIN	4	000000	1	AMT	38
## 29	Other	Y	PIEDMONT MAIN	2	000006	1	GRMS	1
## 30	Commuter	Y	MAIN NO.#1	4	000000	1	AMT	8305
## 31	Commuter	Y	NO.#2	4	000000	1	AMT	199
## 32	Commuter	Y	NO.#2	3	000000	1	AMT	2001
## 33	Commuter	Y	MAIN	3	000000	1	AMT	169
## 34	Passenger	Y	MAIN	4	060.9	1	NSE	8646
## 35	Yard	Y	TRACK 1	3		1	PA	808
## 36	Work	Y	PORTAL INT. TK#2	6	000000	1	NJTR	1368
## 37	Work	Y	SINGLE MAIN	4		1	ML	608
## 38	Commuter	Y	TRACK #4	4		1	MNCW	8404
## 39	Work	Y	MAIN 1&2	4	11.76	1	RI	7325
## 40	Commuter	Y	ONE	4	000000	1	AMT	59
## 41	Passenger	Y	SINGLE MAIN	4	055.23	1	BNSF	2761
## 42	Commuter	Y	TRACK #0	1		1	MU	155
## 43	Commuter	Y	CP 39 XOVER	4	000000	1	AMT	94
## 44	Commuter	Y	MAIN CRS OVR	1	027.00	1	METX	131
## 45	Commuter	Y	MAIN	4	000000	1	AMT	1223
## 46	Commuter	Y	LINE #2	3		1	LI	9200
## 47	Single	Y	2	6	000000	1	CDOT	6695
## 48	Passenger	Y	SINGLE MAIN	4	040.70	1	BNSF	4659
## 49	Passenger	Y	LOUISIANA SOUTHERN	2	003.6	1	NSE	5531
## 50	Passenger	Y	SINGLE MAIN	3	042.00	1	UP	4929
## 51	Commuter	Y	SINGLE	4	000000	1	AMT	9643
## 52	Passenger	Y	SINGLE MAIN TRACK	4		1	BNSF	9924
## 53	Passenger	Y	DOTHAN SUB MAIN	3	000014	1	CSXT	7725
## 54	Light	Y	YARD 5	1	000000	2	NJTR	5427
## 55	Commuter	Y	2	3	.	1	MNCW	8343
## 56	Commuter	Y	NO.#1 MAIN	4	000000	1	AMT	2522
## 57	Commuter	Y	2	4	000000	1	AMT	84
## 58	Passenger	Y	SINGLE MAIN	4	035.00	1	UP	9690
## 59	Passenger	Y	SINGLE MAIN	3	008.00	1	UP	7223
## 60	Commuter	Y	MAIN	4	000000	1	AMT	163
## 61	Commuter	Y	SINGLE	4	000000	1	AMT	148
## 62	Commuter	Y	MAIN	4	000000	1	ATK	99
## 63	Commuter	Y	MAIN	3	000000	1	AMT	69
## 64	Commuter	Y	MAIN	4	000000	1	AMT	6952
## 65	Commuter	Y	MAIN	4	000000	1	AMT	54



## 66	Commuter	Y	MAIN TRACK	4	000000	1	AMT	97
## 67	Passenger	Y	MAIN	4	0.00	1	BNSF	6835
## 68	Passenger	Y	MAINLINE	3	000008	1	CSXT	471
## 69	Work	Y	MAIN TRACK #1	4	130.00	1	NIRC	120
## 70	Work	Y	2 MAIN/TRK X-OVER SW	1	11.76	1	NIRC	8570
## 71	Commuter	Y	SOUTH CHICAGO	2		1	MED	1533
## 72	Passenger	Y	AVONDALE MILLS CO	1		4	NSE	6653
## 73	Work	Y	1 MAIN	4		1	ML	625
## 74	Yard	Y	SINGLE MAIN	4		1	SNJX	3501
## 75	Passenger	Y	SINGLE MAIN	2	039.00	1	DRGW	15364
## 76	Commuter	Y	SINGLE MAIN TRACK	2		1	HVRR	5340
## 77	Commuter	Y	GLIDDEN SUB	4	000000	1	AMT	40
## 78	Commuter	Y	MAIN	4	000000	1	AMT	158
## 79	Commuter	Y	MAIN	3	000000	1	AMT	156
## 80	Commuter	Y	MAIN 1 & 2	2	000000	1	AMT	35005
## 81	Commuter	Y	MAIN	4	000000	1	AMT	9
## 82	Passenger	Y	SINGLE MAIN LINE	4	035.00	1	UP	7184
## 83	Work	Y	NO 3 MAIN	4	016.00	1	METX	178
## 84	Work	Y	2	4	000000	1	V	601
## 85	Single	Y	NO 1 MAIN	3	010.00	1	RMS	54
## 86	Passenger	Y	SINGLE MAIN	4	005.00	1	UP	1977
## 87	Commuter	Y	SINGLE	3		1	MBTA	1710
## 88	Work	Y	SINGLE	3	000.5	1	MU	407
## 89	Passenger	Y	SINGLE MAIN	4	030.00	1	UP	8087
## 90	Commuter	Y	MAIN	2	1.10	1	SLRG	456
## 91	Passenger	Y	NS MAINLINE	4	006.3	1	NS	8929
## 92	Maint	Y	#2 MAINLINE	4	000097	1	CSXT	4798
## 93	Passenger	Y	SINGLE MAIN	4	0.00	1	BNSF	4470
## 94	Passenger	Y	MAIN 1	5	89.02	1	BNSF	1086
## 95	Commuter	Y	MAIN	4	000000	1	AMT	42
## 96	Commuter	Y	MAIN	4	000000	1	AMT	20
## 97	Passenger	Y	SINGLE MAIN	4	053.68	1	GATX	53754
## 98	Passenger	Y	SINGLE MAIN	4	046.00	1	UP	2860
## 99	Commuter	Y	#1 MAIN TRACK	4	2.96	1	NIRC	119
## 100	Commuter	Y	MAIN NO.#1	4	000000	1	AMT	465
## 101	Commuter	Y	SINGLE MAIN	4	000000	1	AMT	90218
## 102	Passenger	Y	SINGLE MAIN TRACK	2	004.5	1	TOED	16
## 103	Work	Y	SINGLE TRACK	3		1	MNCW	1697
## 104	Commuter	Y	SINGLE	3		1	MU	204
## 105	Commuter	Y	SINGLE	3		1	MU	325
## 106	Commuter	Y	2	3		1	MBTA	1644
## 107	Passenger	Y	ABC ROAD BRIDGE CROS	1		1	UP	8487
## 108	Passenger	Y	SINGLE MAIN	4	40.00	1	ACFX	27961
## 109	Passenger	Y	SINGLE MAIN	5	050.44	1	UP	2453
## 110	Maint	Y	NO 2 MAIN	4	223.0	1	UP	6635
## 111	Commuter	Y	GUASTI SIDING	3	000000	3	AMT	87
## 112	Commuter	Y	SINGLE MAIN	5	000000	1	AMT	2011
## 113	Commuter	Y	# 2	5	000000	1	AMT	2001
## 114	Commuter	Y	2	3	000030	1	AMT	8
## 115	Passenger	Y	SINGLE MAIN LINE	2	1.19	1	ATW	122033
## 116	Commuter	Y	#1 MAIN	4	000000	1	ATK	63
## 117	Commuter	Y	SINGLE MAIN TRACK	4	000000	1	AMT	191
## 118	Commuter	Y	MAIN	5	000000	1	AMT	2012
## 119	Commuter	Y	# 1	4	000000	1	AMT	202

## 120	Work	Y	AMTRAK #4	2		1	NIRC	101
## 121	Yard	Y	25	1	000000	1	AMT	1735
## 122	Commuter	Y	MAIN/SINGLE	4	000008	1	AMT	173
## 123	Commuter	Y	MAIN	4	000000	1	AMT	148
## 124	Commuter	Y	SINGLE MAIN TRACK	4	000000	1	AMT	7
## 125	Commuter	Y	MAIN TRACK	4	000000	1	AMT	157
## 126	Passenger	Y	NO. 1 MAIN	4	024.7	1	UP	9657
## 127	Work	Y	MAIN	3	10.50	1	ML	855
## 128	Commuter	Y	2 MAIN	4	000000	1	AMT	6362
## 129	Commuter	Y	1	8		1	MBTA	1030
## 130	Work	Y	ACE STATION TRACK	1		3	ACEX	3309
## 131	Passenger	Y	MAIN	4	000022	1	CSXT	7911
## 132	Other	Y	SINGLE MAIN	4	000027	1	MW	3923
## 133	Commuter	Y	MT 2	1		1	AMT	33019
## 134	Commuter	Y	SINGLE MAIN TRACK	4		1	AMT	32
## 135	Commuter	Y	SINGLE MAIN TRACK	4		1	NC	1755
## 136	Passenger	Y	SINGLE MAIN TRACK	3	2.7	1	SOU	139873
## 137	Commuter	Y	1	1		1	MU	371
## 138	Work	Y	SINGLE TRACK	3	000000	1	NJTR	5025
## 139	Commuter	Y	SINGLE MAIN TRACK	3		1	AMT	171
## 140	Commuter	Y	SINGLE MAIN TRACK	4		1	NC	1755
## 141	Commuter	Y	SINGLE MAIN	4		1	LVR	3510
## 142	Commuter	Y	#1	3		1	MU	257
## 143	Commuter	Y	MAIN	4		1	AMT	115
## 144	Passenger	Y	SINGLE MAIN	4	9.92	1	CITX	224226
## 145	Passenger	Y	SINGLE MAIN	4	59.2	1	UP	6469
## 146	Commuter	Y	MAIN	4		1	AMT	181
## 147	Commuter	Y	MAIN 2	4		1	AMT	2011
## 148	Commuter	Y	MAIN TRACK 1	4		1	AMT	205
## 149	Commuter	Y	# 2 MAIN TRACK	5		1	AMT	169
## 150	Commuter	Y	MAIN	4		1	AMT	60
## 151	Commuter	Y	#2 SOUTH	3		1	AMT	116
## 152	Commuter	Y	2	4		1	ATK	034116
## 153	Passenger	Y	SINGLE MAIN	4	22.3	1	UP	007912
## 154	Light	Y	K-INT	1		2	MACZ	007750
## 155	Commuter	Y	MICHIGAN LINE #1	4		1	AMT	000028
## 156	Commuter	Y	MAIN	4		1	RNCX	001792
## 157	Commuter	Y	SINGLE MAIN TRACK	4		1	AMT	008302
## 158	Commuter	Y	SINGLE MAIN TRACK	4		1	AMT	000004
## 159	Commuter	Y	SINGLE MAIN TRACK	5	000014	1	AMT	000821
## 160	Commuter	Y	ONE	4		1	AMT	000173
## 161	Commuter	Y	MAIN TRACK 2	4		1	AMT	000021
## 162	Work	Y	MAIN	4	47.9	1	ML	000868
## 163	Work	Y	MAIN 2 TRACK	1	0	1	METX	193
## 164	Commuter	Y	SINGLE MAIN TRACK	4		1	AMT	121
## 165	Commuter	Y	2	3		1	PATH	835
## 166	Commuter	Y	SINGLE MAIN TRACK	4		1	AMT	77
## 167	Other	Y	SINGLE MAIN TRACK	5		1	AMT	8305
## 168	Commuter	Y	MAIN TRACK 2	6		1	AMT	911
## 169	Commuter	Y	SINGLE MAIN TRACK	4		1	AMT	187
## 170	Other	Y	MAIN TRACK NO. 2	4		1	<NA>	8553
## 171	Commuter	Y	MAIN TRACK	4		1	AMT	174
## 172	Passenger	Y	SINGLE MAIN	4	11.0	1	UP	8242
## 173	Other	Y	MAIN 2	4		1	SFRV	507

## 174	Work	Y	NO. 3 MAIN	4	9	1	METX	8441
## 175	Commuter	Y	SINGLE MAIN TRACK	4		1	AMT	39013
## 176	Work	Y	MAINLINE 1	4		1	LI	7341
## 177	Other	Y	MAIN TRACK 2	4		1	AMT	90253
## 178	Commuter	Y	SINGLE MAIN	4		1	AMT	128
## 179	Commuter	Y	SINGLE MAIN	4		1	AMT	94
## 180	Work	Y	MAIN	4	2.7	1	ML	881
## 181	Passenger	Y	SINGLE MAIN TRACK	1	0006	1	ECUX	881493
## 182	Other	Y	BLUE LINE	3	0	1	AA	105
## 183	Commuter	Y	SINGLE MAIN TRACK	5		1	AMT	456
## 184	Commuter	Y	YARD	4		2	AMT	31
## 185	Commuter	Y	SINGLE MAIN TRACK	5		1	AMT	60
## 186	Maint	Y	S&I	1		2	AMT	71
## 187	Commuter	Y	MAIN TRACK 1	4		1	AMT	54
## 188	Passenger	Y	SINGLE MAIN	5	33.9	1	UP	7877
## 189	Other	Y	SINGLE MAIN TRACK	4	3	1	CMTY	103
## 190	Commuter	Y	#3	1		1	MU	178
## 191	Commuter	Y	SINGLE MAIN TRACK	4		1	AMT	2005
## 192	Commuter	Y	2	4		1	AMT	69
## 193	Yard	Y	E TRACK	1		4	TILX	316860
## 194	Other	Y	MAIN	4		1	AMT	8030
## 195	Commuter	Y	MAIN TRACK 2	4		1	AMT	1893
## 196	Other	Y	MAIN TRACK 2	4		1	SDNX	2304
## 197	Passenger	Y	SINGLE MAIN TRACK	5	0.00	1	BNSF	6421
## 198	Commuter	Y	SINGLE MAIN	2		1	WVC	201
## 199	Other	Y	TRACK 4	4	11.64	1	MNCW	9309
## 200	Maint	Y	SINGLE MAIN	5	47.6	1	UP	8232
## 201	Other	Y	SINGLE TRACK	3	000000	1	NJTR	6001
## 202	Other	Y	SINGLE	4		1	SNJX	3506
## 203	Work	Y	TRACK #1	3	000000	1	NJTR	4020
## 204	Other	Y	1 MAIN	4	2.4	1	ML	651
## 205	Passenger	Y	SINGLE MAIN	5	55.2	1	CSXT	8199
## 206	Commuter	Y	SINGLE MAIN TRACK	4		1	AMT	90
## 207	Passenger	Y	SINGLE MAIN	4	0035.7	1	CSXT	3098
## 208	Maint	Y	MAIN 1 TRACK	5	52.87	1	BNSF	5630
## 209	Commuter	Y	SINGLE MAIN TRACK	4		1	AMT	824
## 210	Other	Y	TRACK 2	2	15.77	1	MNCW	6222
## 211	Passenger	Y	MAIN TRACK	4	108.5	1	UP	5668
## 212	Passenger	Y	MAIN 1	4	0036.2	1	CSXT	5310
## 213	Commuter	Y	MAIN 1	4		1	AMT	62040
## 214	Commuter	Y	SINGLE MAIN TRACK	4		1	AMT	120
## 215	Commuter	Y	WPYR MAIN LINE	2	1	1	LOCO	92
## 216	Other	Y	SINGLE MAIN TRACK	4		1	AMT	9639
## 217	Other	Y	MAIN LINE 2	4	5.9	1	SFRV	507
## 218	Other	Y	SINGLE MAIN TRACK	5		1	AMT	90225
## 219	Commuter	Y	SINGLE MAIN TRACK	4		1	AMT	809
## 220	Commuter	Y	SINGLE MAIN TRACK	3		1	AMT	154
## 221	Commuter	Y	SINGLE MAIN TRACK	4		1	AMT	131
## 222	Passenger	Y	SINGLE MAIN	4	0028.1	1	UP	5183
## 223	Other	Y	MAIN TRACK #1	4	13.9	1	<NA>	8536
## 224	Commuter	Y	SINGLE MAIN TRACK	4		1	AMT	8023
## 225	Commuter	Y	TRACK 2	8		1	AMT	925
## 226	Commuter	Y	SINGLE MAIN	4	830000	1	AMT	161
## 227	Commuter	Y	# 1 MAIN	4		1	AMT	135

## 228	Commuter	Y	MAIN	3		1	AMT	102
## 229	Commuter	Y	DOUBLE-AGS MAIN #2	5		1	AMT	99
## 230	Passenger	Y	SINGLE MAIN TRACK	4	49.71	1	BNSF	8123
## 231	Commuter	Y	MAIN TRACK 2	7		1	ATK	601
## 232	Other	Y	TRACK 2	3	8.58	1	MNCW	4333
## 233	Other	Y	SINGLE	4		1	SNJX	3503
## 234	Other	Y	SINGLE MAIN	4	12.79	1	CN	50300
## 235	Commuter	Y	SINGLE MAIN TRACK	4		1	AMT	823
## 236	Passenger	Y	MAIN TRACK #2	4	16.0	1	UP	8955
## 237	Other	Y	SINGLE MAIN	4	2.92	1	ML	645
## 238	Passenger	Y	SINGLE MAIN	3	0022.6	1	UTLX	901717
## 239	Commuter	Y	SINGLE MAIN	4		1	AMT	66
## 240	Commuter	Y	SINGLE MAIN	3		1	AMT	172
## 241	Commuter	Y	SINGLE MAIN TRACK	4		1	AMT	185
## 242	Commuter	Y	SINGLE MAIN	4		1	AMT	91
## 243	Commuter	Y	SINGLE MAIN TRACK	4		1	AMT	821
## 244	Passenger	Y	SINGLE MAIN	4	0062.5	1	CSXT	922
## 245	Other	Y	SINGLE MAIN	4		1	AMT	8306
## 246	Work	Y	1	4		1	CFRC	2008
## 247	Commuter	Y	SINGLE MAIN	4	000024	1	AMT	465
## 248	Commuter	Y	SINGLE MAIN	4		1	AMT	194
## 249	Passenger	Y	SINGLE MAIN TRACK	4	0000	1	NS	9279
## 250	Commuter	Y	SINGLE MAIN	4		1	AMT	32109
## 251	Commuter	Y	SINGLE MAIN	3	000049	1	AMT	116
## 252	Commuter	Y	SINGLE MAIN	4	000049	1	AMT	197
## 253	Other	Y	MAIN	4	1.1	1	SNJX	3515
## 254	Commuter	Y	MAIN TRACK 3	6	000009	1	AMT	627
## 255	Commuter	Y	SINGLE MAIN	5		1	CDTX	2004
## 256	Commuter	Y	SINGLE MAIN	4	000001	1	AMT	183
## 257	Commuter	Y	SINGLE MAIN	4		1	AMT	41
## 258	Other	Y	MAIN LINE 2	4	5.9	1	SFRV	510
## 259	Commuter	Y	MAIN 1	5		1	AMT	189
## 260	Commuter	Y	MAIN 1	4	000042	1	AMT	130
## 261	Other	Y	MAIN TRACK 1	4		1	AMT	8312
## 262	Other	Y	MAIN	3	4.96	1	ACE	3309
## 263	Other	Y	TRACK #5	1	000000	1	NJTR	6036
## 264	Commuter	Y	SINGLE MAIN	6		1	AMT	66
## 265	Commuter	Y	MAIN	4		1	WDTX	1402
## 266	Commuter	Y	MAIN TRACK #2	3		1	AMT	467
## 267	Commuter	Y	SINGLE MAIN	4		1	AMT	173
## 268	Passenger	Y	#2 MAIN	3	0070.1	1	FWTX	620111
## 269	Other	Y	TRACK 3	3	15.15	1	MNCW	9281
## 270	Commuter	Y	MAIN	4		1	AMT	19
## 271	Commuter	Y	SINGLE MAIN	4		1	AMT	93
## 272	Commuter	Y	SINGLE MAIN	4		1	AMT	175
## 273	Commuter	Y	6 TRACK	1		1	AMT	25016
## 274	Commuter	Y	SINGLE MAIN TRACK	2	.36143	1	GSMR	2467
## 275	Passenger	Y	SINGLE MAIN TRACK	2	12.2	1	UP	8653
## 276	Work	Y	#9	1	000000	1	NJTR	7714
## 277	Work	Y	M LADDER	1	000000	1	NJTR	7587
## 278	Other	Y	ATLANTIC TERMINAL 6	1		1	LI	7553
## 279	Other	Y	1	4		1	RTDC	4038
## 280	Passenger	Y	SINGLE MAIN	4	0024.8	1	CSXT	230
## 281	Commuter	Y	SINGLE MAIN	4		1	AMT	46

## 282	Commuter	Y	SINGLE MAIN	3	000007	1	AMT	145	
## 283	Commuter	Y	SINGLE MAIN	4		1	AMT	28	
## 284	Commuter	Y	MAIN # 2	3		1	AMT	113	
## 285	Work	Y	MAIN 1	5		1	TRE	124	
## 286	Commuter	Y	MAIN	4		1	AMT	6	
## 287	Commuter	Y	SILICA STG	1		2	AMT	47	
## 288	Commuter	Y	SINGLE MAIN	4	000039	1	AMT	28	
## 289	Other	Y	#2 MAIN	1	000028	1	AMT	61044	
## 290	Passenger	Y	SINGLE MAIN TRACK	3	0020.7	1	CSXT	362	
## 291	Commuter	Y	MAIN 2	4		1	AMT	4611	
## 292	Other	Y	MAIN 2	6		1	AMT	9650	
## 293	Other	Y	#4	5	000000	1	NJTR	7003	
## 294	Other	Y	TRACK #2	4	000000	1	NJTR	6033	
## 295	Commuter	Y	SINGLE MAIN	4		1	AMT	79	
## 296	Commuter	Y	MAIN 1	5	000058	1	AMT	78	
## 297	Commuter	Y	SINGLE MAIN	3		1	AMT	20	
## 298	Commuter	Y	SINGLE MAIN	4		1	AMT	35	
## 299	Commuter	Y	MAIN 2	6		1	AMT	126	
## 300	Commuter	Y	MAIN 1	4		1	AMT	24	
## 301	Other	Y	MAINLINE	4	1.2 MG	1	SMRT	116	
## 302	Other	Y	TRACK 1	4	3.84	1	MNCW	6308	
## 303	Commuter	Y	MAIN 1	4		1	AMT	29	
## 304	Other	Y	MAIN TRACK 1	4		1	RTDC	4056	
## 305	Commuter	Y	SINGLE MAIN	4		1	AMT	32	
## 306	Passenger	Y	SINGLE MAIN TRACK	4	0013	1	CBFX	490026	
## 307	Other	Y	TRACK 01	4	9.2	1	LI	7425	
## 308	Commuter	Y	MAIN 1	4		1	IDTX	4616	
##	POSITON1	LOADED1	RRCAR2	CARNBR2	POSITON2	LOADED2	HEADEND1	MIDMAN1	MIDREM1
## 1	1			NA	0		2	0	0
## 2	1			NA	0		2	0	0
## 3	1			NA	0		1	0	0
## 4	1	N		NA	0		0	0	0
## 5	1			NA	0		2	0	0
## 6	1			NA	0		2	0	0
## 7	1	N		NA	0		2	0	0
## 8	1			NA	0		2	0	0
## 9	1			NA	0		2	0	0
## 10	1	Y		NA	0		1	0	0
## 11	1			NA	0		1	0	0
## 12	1			NA	0		1	0	0
## 13	7	Y		NA	0		1	0	0
## 14	6	Y		NA	0		2	0	0
## 15	1			NA	0		4	0	0
## 16	1			NA	0		3	0	0
## 17	1			NA	0		2	0	0
## 18	3	Y		NA	0		2	0	0
## 19	1			NA	0		1	0	0
## 20	10	Y		NA	0		1	0	0
## 21	4	Y		NA	0		0	0	0
## 22	1			NA	0		1	0	0
## 23	1			NA	0		2	0	0
## 24	1	N		NA	0		2	0	0
## 25	1			NA	0		1	0	0
## 26	1	Y		NA	0		1	0	0

## 27	5	Y		NA	0		2	0	0
## 28	1			NA	0		2	0	0
## 29	1	Y		NA	0		0	0	0
## 30	1	Y		NA	0		0	0	0
## 31	1			NA	0		1	0	0
## 32	1			NA	0		1	0	0
## 33	1			NA	0		1	0	0
## 34	1			NA	0		3	0	0
## 35	1	Y		NA	0		0	0	0
## 36	6	Y	NJTR	1368	6	Y	1	0	4
## 37	1	Y		NA	0		0	0	0
## 38	1	N		NA	0		0	0	0
## 39	3	Y		NA	0		2	0	0
## 40	1			NA	0		2	0	0
## 41	1			NA	0		2	0	0
## 42	1	N		NA	0		1	9	0
## 43	1			NA	0		4	0	0
## 44	1	N		NA	0		1	0	0
## 45	2	Y		NA	0		1	0	0
## 46	8	Y		NA	0		1	0	0
## 47	1			NA	0		1	0	0
## 48	1			NA	0		3	0	0
## 49	1			NA	0		1	0	0
## 50	1	N		NA	0		4	0	0
## 51	1	Y		NA	0		1	0	0
## 52	1			NA	0		2	0	0
## 53	1	Y		NA	0		2	0	0
## 54	4	N		NA	0		0	0	0
## 55	1	Y		NA	0		1	0	0
## 56	12	Y		NA	0		2	0	0
## 57	1			NA	0		1	0	0
## 58	1	N		NA	0		2	0	0
## 59	1	N		NA	0		3	0	0
## 60	1			NA	0		1	0	0
## 61	1			NA	0		2	0	0
## 62	1			NA	0		3	0	0
## 63	1			NA	0		1	0	0
## 64	1	Y		NA	0		0	0	0
## 65	1			NA	0		1	0	0
## 66	1			NA	0		2	0	0
## 67	1			NA	0		3	0	0
## 68	1	Y		NA	0		2	0	0
## 69	1	N		NA	0		1	0	0
## 70	1	N		NA	0		0	0	0
## 71	1	Y		NA	0		4	0	0
## 72	1			NA	0		2	0	0
## 73	1	Y		NA	0		0	0	0
## 74	1	Y		NA	0		0	0	0
## 75	55	N		NA	0		2	0	0
## 76	9	N		NA	0		1	0	0
## 77	1			NA	0		2	0	0
## 78	1			NA	0		2	0	0
## 79	1			NA	0		1	0	0
## 80	5	Y		NA	0		2	0	0

## 81	1			NA	0		1	0	0
## 82	1			NA	0		2	0	0
## 83	1	N		NA	0		1	0	0
## 84	4	Y		NA	0		0	0	0
## 85	3	N		NA	0		1	0	0
## 86	1	N		NA	0		2	0	0
## 87	1	Y		NA	0		0	0	0
## 88	1	Y		NA	0		4	0	0
## 89	1	N		NA	0		2	0	0
## 90	1	Y		NA	0		1	0	0
## 91	1			NA	0		1	0	0
## 92	1	N		NA	0		2	0	0
## 93	1			NA	0		4	0	0
## 94	1			NA	0		3	0	0
## 95	1			NA	0		2	0	0
## 96	1			NA	0		2	0	0
## 97	6	N	GATX	53754	6	N	2	0	0
## 98	2	N		NA	0		3	0	0
## 99	1	N		NA	0		1	0	0
## 100	1			NA	0		1	0	0
## 101	1	Y		NA	0		0	0	0
## 102	1			NA	0		3	0	0
## 103	1	N		NA	0		0	0	0
## 104	1	Y		NA	0		1	1	0
## 105	1	Y		NA	0		1	0	0
## 106	1	Y		NA	0		0	0	0
## 107	1	N		NA	0		2	0	0
## 108	65	Y	ACFX	27961	65	Y	2	0	0
## 109	1	N		NA	0		2	0	0
## 110	1	N		NA	0		1	0	0
## 111	2			NA	0		2	0	0
## 112	1			NA	0		1	0	0
## 113	1			NA	0		1	0	0
## 114	1			NA	0		1	0	0
## 115	8	Y		NA	0		4	0	0
## 116	1			NA	0		2	0	0
## 117	1			NA	0		2	0	0
## 118	1			NA	0		1	0	0
## 119	1			NA	0		2	0	0
## 120	1	Y		NA	0		2	0	0
## 121	0	Y		NA	0		0	0	0
## 122	1			NA	0		1	0	0
## 123	1			NA	0		1	0	0
## 124	1			NA	0		1	0	0
## 125	1			NA	0		2	0	0
## 126	1			NA	0		2	0	0
## 127	1	Y		NA	0		1	0	0
## 128	3	Y		NA	0		0	0	0
## 129	1	N		NA	0		1	0	0
## 130	6	Y		NA	0		1	0	0
## 131	1	N		NA	0		2	0	0
## 132	1	N		NA	0		0	0	0
## 133	6	Y	AMT	33019	6	Y	1	0	0
## 134	1			NA	0		1	0	0

## 135	1			NA	0		1	0	0
## 136	1	N		NA	0		2	0	0
## 137	3	Y		NA	0		1	1	0
## 138	1	Y		NA	0		0	0	0
## 139	1	N		NA	0		1	0	0
## 140	1			NA	0		1	0	0
## 141	1	Y		NA	0		1	0	0
## 142	1	Y	MU	257	1	Y	1	0	2
## 143	1			NA	0		1	0	0
## 144	59	Y		NA	0		2	0	0
## 145	1			NA	0		2	0	0
## 146	1			NA	0		2	0	0
## 147	1			NA	0		1	0	0
## 148	1			NA	0		2	0	0
## 149	1			NA	0		2	0	0
## 150	1			NA	0		2	0	0
## 151	1			NA	0		3	0	0
## 152	5	Y		NA	0		1	0	0
## 153	1			NA	0		2	0	0
## 154	8	N		NA	0		0	0	0
## 155	1			NA	0		1	0	0
## 156	1			NA	0		1	0	0
## 157	1	Y		NA	0		0	0	0
## 158	1			NA	0		2	0	0
## 159	1			NA	0		2	0	0
## 160	1			NA	0		1	0	0
## 161	2			NA	0		2	0	0
## 162	1	Y		NA	0		1	0	0
## 163	1			NA	0		1	0	0
## 164	1			NA	0		1	0	0
## 165	1	Y		NA	0		7	0	0
## 166	1			NA	0		1	0	0
## 167	1	Y		NA	0		0	0	0
## 168	1			NA	0		1	0	0
## 169	1			NA	0		2	0	0
## 170	1	Y		NA	0		0	0	0
## 171	1			NA	0		2	0	0
## 172	1			NA	0		4	0	0
## 173	1	Y		NA	0		0	0	0
## 174	1	Y		NA	0		0	0	0
## 175	4	Y		NA	0		2	0	0
## 176	1	Y		NA	0		1	0	0
## 177	1	Y		NA	0		0	0	0
## 178	1			NA	0		1	0	0
## 179	1			NA	0		1	0	0
## 180	1			NA	0		1	0	0
## 181	8	Y		NA	0		2	0	0
## 182	1	Y	<NA>	105	0		0	0	0
## 183	1			NA	0		1	0	0
## 184	1			NA	0		1	0	0
## 185	1			NA	0		2	0	0
## 186	2		AMT	71	2		2	0	0
## 187	1			NA	0		1	0	0
## 188	1			NA	0		3	0	0



## 189	1	Y	NA	0	0	0	0
## 190	1	Y	NA	0	1	2	0
## 191	1		NA	0	1	0	0
## 192	1		NA	0	1	0	0
## 193	1	N	NA	0	0	0	0
## 194	3	Y	NA	0	0	0	0
## 195	1		NA	0	1	0	0
## 196	1	Y	NA	0	0	0	0
## 197	1		NA	0	3	0	0
## 198	4	Y	NA	0	2	0	0
## 199	2	Y	NA	0	0	0	0
## 200	1		NA	0	5	0	0
## 201	1	Y	NA	0	0	0	0
## 202	1	Y	NA	0	0	0	0
## 203	1	N	NA	0	1	0	0
## 204	1	Y	NA	0	0	0	0
## 205	1		NA	0	2	0	0
## 206	1		NA	0	3	0	0
## 207	1	N	NA	0	2	0	0
## 208	1		NA	0	2	0	0
## 209	1		NA	0	2	0	0
## 210	1	Y	NA	0	0	0	0
## 211	1		NA	0	2	0	0
## 212	1	N	NA	0	2	0	0
## 213	4	Y	NA	0	2	0	0
## 214	1		NA	0	2	0	0
## 215	1	Y	NA	0	2	0	0
## 216	1	Y	NA	0	0	0	0
## 217	1	Y	NA	0	0	0	0
## 218	1	Y	NA	0	0	0	0
## 219	1		NA	0	1	0	0
## 220	1		NA	0	1	0	0
## 221	1		NA	0	1	0	0
## 222	1	N	NA	0	2	0	0
## 223	1	Y	NA	0	1	0	0
## 224	2	Y	NA	0	1	0	0
## 225	1	Y	NA	0	1	0	0
## 226	1		NA	0	2	0	0
## 227	1		NA	0	1	0	0
## 228	1		NA	0	1	0	0
## 229	1		NA	0	2	0	0
## 230	1		NA	0	4	0	0
## 231	1		NA	0	1	0	0
## 232	1	Y	NA	0	0	0	0
## 233	1	Y	NA	0	0	0	0
## 234	1	N	NA	0	0	0	0
## 235	1		NA	0	1	0	0
## 236	1		NA	0	4	0	0
## 237	1	Y	NA	0	0	0	0
## 238	39	Y	UTLX 901717	39	Y	2	0
## 239	1		NA	0	1	0	0
## 240	1		NA	0	1	0	0
## 241	1		NA	0	1	0	0
## 242	1		NA	0	2	0	0

## 243	1			NA	0		1	0	0
## 244	1	N		NA	0		2	0	0
## 245	1	Y		NA	0		0	0	0
## 246	1	Y	CFRC	2008	1	Y	1	0	0
## 247	1			NA	0		1	0	0
## 248	1			NA	0		1	0	0
## 249	1	N		NA	0		1	0	0
## 250	5	Y		NA	0		2	0	0
## 251	1			NA	0		1	0	0
## 252	1			NA	0		1	0	0
## 253	1	Y		NA	0		0	0	0
## 254	1			NA	0		1	0	0
## 255	1			NA	0		1	0	0
## 256	1			NA	0		2	0	0
## 257	1			NA	0		1	0	0
## 258	1	Y		NA	0		0	0	0
## 259	1			NA	0		1	0	0
## 260	1			NA	0		1	0	0
## 261	1	Y		NA	0		0	0	0
## 262	1	Y		NA	0		0	0	0
## 263	1	Y		NA	0		0	0	0
## 264	1			NA	0		1	0	0
## 265	1			NA	0		1	0	0
## 266	1			NA	0		1	0	0
## 267	1			NA	0		1	0	0
## 268	35	N		NA	0		5	0	0
## 269	3	Y		NA	0		0	0	0
## 270	1			NA	0		1	0	0
## 271	1			NA	0		1	0	0
## 272	1			NA	0		2	0	0
## 273	7	Y	AMT	25016	7	Y	2	0	0
## 274	1	Y		NA	0		2	0	0
## 275	1			NA	0		3	0	0
## 276	5	Y		NA	0		1	0	0
## 277	7	Y		NA	0		1	0	0
## 278	1	Y		NA	0		0	0	0
## 279	1	Y		NA	0		0	0	0
## 280	1	N		NA	0	N	3	0	0
## 281	1			NA	0		1	0	0
## 282	1			NA	0		1	0	0
## 283	1			NA	0		1	0	0
## 284	1			NA	0		2	0	0
## 285	1	N		NA	0		1	0	0
## 286	1			NA	0		1	0	0
## 287	1			NA	0		1	0	0
## 288	1			NA	0		1	0	0
## 289	1	Y		NA	0		0	0	0
## 290	1	N	CSXT	362	1	N	2	0	0
## 291	1			NA	0		1	0	0
## 292	1	Y		NA	0		0	0	0
## 293	1	Y		NA	0		0	0	0
## 294	1	Y		NA	0		0	0	0
## 295	1			NA	0		2	0	0
## 296	1			NA	0		2	0	0

## 297	1			NA	0			2	0	0
## 298	1			NA	0			1	0	0
## 299	1			NA	0			2	0	0
## 300	1			NA	0			2	0	0
## 301	2	Y	<NA>	NA	0			0	0	0
## 302	1	Y		NA	0			0	0	0
## 303	1			NA	0			1	0	0
## 304	1	Y		NA	0			0	0	0
## 305	1			NA	0			1	0	0
## 306	3	N		NA	0			2	0	0
## 307	1	Y		NA	0			0	0	0
## 308	1			NA	0			1	0	0
##	RMAN1	RREM1	HEADEND2	MIDMAN2	MIDREM2	RMAN2	RREM2	LOADF1	LOADP1	EMPTYF1
## 1	0	0	2	0	0	0	0	0	16	0
## 2	0	0	1	0	0	0	0	0	5	0
## 3	0	0	0	0	0	0	0	0	5	0
## 4	0	0	0	0	0	0	0	0	0	0
## 5	0	0	2	0	0	0	0	0	15	0
## 6	0	0	2	0	0	0	0	4	7	1
## 7	0	0	0	0	0	0	0	0	0	53
## 8	0	0	0	0	0	0	0	0	15	0
## 9	0	0	2	0	0	0	0	0	19	0
## 10	0	0	1	0	0	0	0	0	4	0
## 11	0	0	0	0	0	0	0	0	5	0
## 12	0	0	0	0	0	0	0	3	0	0
## 13	0	0	0	0	0	0	0	0	7	1
## 14	0	0	0	0	0	0	0	86	0	26
## 15	0	0	0	0	0	0	0	63	0	0
## 16	0	0	1	0	0	0	0	0	13	0
## 17	0	0	0	0	0	0	0	32	0	16
## 18	0	0	0	0	0	0	0	0	13	0
## 19	0	0	0	0	0	0	0	0	12	0
## 20	0	0	0	0	0	0	0	0	8	0
## 21	0	1	0	0	0	0	0	0	3	0
## 22	0	0	1	0	0	0	0	0	6	0
## 23	0	0	1	0	0	0	0	0	8	3
## 24	0	0	0	0	0	0	0	23	0	79
## 25	0	0	1	0	0	0	0	0	10	0
## 26	0	0	1	0	0	0	0	0	3	0
## 27	0	0	0	0	0	0	0	0	40	0
## 28	0	0	0	0	0	0	0	0	14	0
## 29	0	0	0	0	0	0	0	0	0	1
## 30	0	1	0	0	0	0	0	0	4	0
## 31	0	0	1	0	0	0	0	0	10	0
## 32	0	1	1	0	0	0	0	0	0	0
## 33	0	0	0	0	0	0	0	0	8	0
## 34	0	0	0	0	0	0	0	57	0	1
## 35	0	0	0	0	0	0	0	0	7	0
## 36	0	1	0	0	1	0	0	0	6	0
## 37	0	1	0	0	0	0	1	0	4	0
## 38	1	0	0	0	0	0	0	0	0	0
## 39	0	0	2	0	0	0	0	0	4	0
## 40	0	0	0	0	0	0	0	0	10	0
## 41	0	0	0	0	0	0	0	0	0	29

## 42	1	0	1	2	0	0	0	0	0	0
## 43	0	0	4	0	0	0	0	0	28	0
## 44	0	0	0	0	0	0	0	0	5	0
## 45	0	0	1	0	0	0	0	0	9	0
## 46	0	0	0	0	0	0	0	0	7	0
## 47	0	0	0	0	0	0	0	0	0	0
## 48	0	0	0	0	0	0	0	0	0	42
## 49	0	0	0	0	0	0	0	0	0	5
## 50	0	0	4	0	0	0	0	74	0	0
## 51	1	0	0	0	0	0	0	0	2	0
## 52	0	1	0	0	0	0	0	124	0	0
## 53	0	0	0	0	0	0	0	21	0	49
## 54	1	0	0	0	0	0	0	0	0	0
## 55	0	0	0	0	0	0	0	0	5	0
## 56	0	0	0	0	0	0	0	0	15	0
## 57	0	0	0	0	0	0	0	0	10	0
## 58	0	0	2	0	0	0	0	64	0	0
## 59	0	0	3	0	0	0	0	63	0	0
## 60	0	0	1	0	0	0	0	0	4	0
## 61	0	0	0	0	0	0	0	0	9	0
## 62	0	0	3	0	0	0	0	0	9	0
## 63	0	0	1	0	0	0	0	0	7	0
## 64	0	1	0	0	0	0	0	0	5	0
## 65	0	0	1	0	0	0	0	0	6	0
## 66	0	0	1	0	0	0	0	0	11	0
## 67	0	0	0	0	0	0	0	22	0	0
## 68	0	0	0	0	0	0	0	0	0	60
## 69	0	0	0	0	0	0	0	0	6	0
## 70	0	1	0	0	0	0	1	0	3	0
## 71	0	0	0	0	0	0	0	0	4	0
## 72	0	0	2	0	0	0	0	25	0	17
## 73	1	0	0	0	0	1	0	0	3	0
## 74	0	0	0	0	0	0	0	0	2	0
## 75	0	0	0	0	0	0	0	13	0	40
## 76	0	0	0	0	0	0	0	6	0	1
## 77	0	0	0	0	0	0	0	0	6	0
## 78	0	0	1	0	0	0	0	0	9	0
## 79	0	0	1	0	0	0	0	0	4	0
## 80	0	0	0	0	0	0	0	0	7	0
## 81	0	0	0	0	0	0	0	0	11	0
## 82	0	1	0	0	0	0	0	0	0	105
## 83	0	0	0	0	0	0	0	0	6	0
## 84	1	0	0	0	0	1	0	0	6	0
## 85	1	0	0	0	0	0	0	9	0	0
## 86	0	0	2	0	0	0	0	48	0	0
## 87	1	0	0	0	0	0	0	0	7	0
## 88	0	0	1	0	0	0	0	0	0	0
## 89	0	0	0	0	0	0	0	0	0	102
## 90	0	0	0	0	0	0	0	0	2	0
## 91	0	0	1	0	0	0	0	8	0	2
## 92	0	0	0	0	0	0	0	0	0	0
## 93	0	0	0	0	0	0	0	0	0	91
## 94	0	0	0	0	0	0	0	72	0	0
## 95	0	0	0	0	0	0	0	0	7	0

## 96	0	0	0	0	0	0	0	0	6	0
## 97	0	0	0	0	0	0	0	27	0	48
## 98	0	0	2	0	0	0	0	55	0	28
## 99	0	0	1	0	0	0	0	0	3	0
## 100	0	0	0	0	0	0	0	0	12	0
## 101	1	0	0	0	0	0	0	0	5	0
## 102	0	0	3	0	0	0	0	21	0	0
## 103	1	0	0	0	0	1	0	0	2	0
## 104	1	0	0	0	0	0	0	0	0	0
## 105	1	0	0	0	0	0	0	0	0	0
## 106	1	0	0	0	0	0	0	0	6	0
## 107	0	0	2	0	0	0	0	14	1	0
## 108	0	0	0	0	0	0	0	64	0	22
## 109	0	0	0	0	0	0	0	39	0	0
## 110	0	0	0	0	0	0	0	0	0	0
## 111	0	0	1	0	0	0	0	0	8	0
## 112	0	0	0	0	0	0	0	0	4	0
## 113	0	0	0	0	0	0	0	0	5	0
## 114	0	0	1	0	0	0	0	0	3	0
## 115	0	0	0	0	0	0	0	54	0	4
## 116	0	0	0	0	0	0	0	0	9	0
## 117	0	0	2	0	0	0	0	0	9	0
## 118	0	0	1	0	0	0	0	0	4	0
## 119	0	0	0	0	0	0	0	0	9	0
## 120	0	0	0	0	0	0	0	0	1	0
## 121	0	0	0	0	0	0	0	0	10	0
## 122	0	0	1	0	0	0	0	0	3	0
## 123	0	0	0	0	0	0	0	0	4	0
## 124	0	0	1	0	0	0	0	0	6	0
## 125	0	0	0	0	0	0	0	0	6	0
## 126	0	0	0	0	0	0	0	16	0	21
## 127	1	0	1	0	0	0	0	0	2	0
## 128	1	0	0	0	0	0	0	0	4	0
## 129	0	0	0	0	0	0	0	0	6	0
## 130	0	0	0	0	0	0	0	0	5	0
## 131	0	0	2	0	0	0	0	26	0	0
## 132	0	0	0	0	0	0	0	0	0	1
## 133	1	0	0	0	0	0	0	0	8	0
## 134	0	0	1	0	0	0	0	0	4	0
## 135	0	0	0	0	0	0	0	0	5	0
## 136	0	0	0	0	0	0	0	3	0	2
## 137	1	0	0	0	0	0	0	0	0	0
## 138	1	0	0	0	0	0	0	0	4	0
## 139	1	0	0	0	0	0	0	0	4	0
## 140	0	0	0	0	0	0	0	0	4	0
## 141	0	0	1	0	0	0	0	0	0	0
## 142	0	1	0	0	0	0	0	0	0	0
## 143	0	0	1	0	0	0	0	0	5	0
## 144	0	0	0	0	0	0	0	78	0	36
## 145	0	0	2	0	0	0	0	0	0	102
## 146	0	0	0	0	0	0	0	0	7	0
## 147	0	0	0	0	0	0	0	0	5	0
## 148	0	0	0	0	0	0	0	0	9	0
## 149	0	0	0	0	0	0	0	0	9	0

## 150	0	0	0	0	0	0	0	0	12	0
## 151	0	0	0	0	0	0	0	0	44	0
## 152	1	0	0	0	0	0	0	0	7	0
## 153	0	0	0	0	0	0	0	54	0	38
## 154	1	0	0	0	0	0	0	0	0	0
## 155	0	0	0	0	0	0	0	0	7	0
## 156	0	0	1	0	0	0	0	0	3	0
## 157	1	0	0	0	0	0	0	0	5	0
## 158	0	0	0	0	0	0	0	0	10	0
## 159	0	0	0	0	0	0	0	0	7	0
## 160	0	0	0	0	0	0	0	0	5	0
## 161	0	0	1	0	0	0	0	0	5	0
## 162	1	0	0	0	0	0	0	0	4	0
## 163	0	0	0	0	0	0	0	0	11	0
## 164	0	0	0	0	0	0	0	0	6	0
## 165	0	0	1	0	0	0	0	0	0	0
## 166	0	0	0	0	0	0	0	0	4	0
## 167	1	0	0	0	0	0	0	0	4	0
## 168	0	0	0	0	0	0	0	0	9	0
## 169	0	0	2	0	0	0	0	0	9	0
## 170	1	0	0	0	0	0	0	0	2	0
## 171	0	0	2	0	0	0	0	0	10	0
## 172	0	0	4	0	0	0	0	22	0	48
## 173	1	0	0	0	0	0	0	0	3	0
## 174	0	1	0	0	0	0	0	0	6	0
## 175	0	0	0	0	0	0	0	0	10	0
## 176	0	0	0	0	0	0	0	0	11	0
## 177	1	0	0	0	0	0	0	0	13	0
## 178	1	0	1	0	0	0	0	0	6	0
## 179	0	0	0	0	0	0	0	0	7	0
## 180	0	0	0	0	0	0	0	0	4	0
## 181	0	0	0	0	0	0	0	68	0	14
## 182	0	0	0	0	0	0	0	0	2	0
## 183	0	0	0	0	0	0	0	0	6	0
## 184	1	0	1	0	1	0	0	0	4	0
## 185	0	0	0	0	0	0	0	0	10	0
## 186	0	0	0	0	0	0	0	0	0	0
## 187	0	0	0	0	0	0	0	0	7	0
## 188	0	1	0	0	0	0	0	84	0	0
## 189	0	0	0	0	0	0	0	0	1	0
## 190	1	0	0	1	0	1	0	0	0	0
## 191	0	0	0	0	0	0	0	0	5	0
## 192	0	0	0	0	0	0	0	0	7	0
## 193	0	0	0	0	0	0	0	7	0	2
## 194	1	0	0	0	1	0	0	0	4	0
## 195	0	0	0	0	0	0	0	0	4	0
## 196	1	0	0	0	0	0	0	0	5	0
## 197	0	0	0	0	0	0	0	0	0	101
## 198	0	0	0	0	0	0	0	0	3	0
## 199	0	0	0	0	0	0	0	0	8	0
## 200	0	0	1	0	0	0	0	0	0	0
## 201	1	0	0	0	0	0	0	0	5	0
## 202	0	0	0	0	0	0	0	0	1	0
## 203	0	0	0	0	0	0	0	0	6	0

## 204	1	0	0	0	0	0	0	0	4	0
## 205	0	0	0	0	0	0	0	17	0	0
## 206	0	0	0	0	0	0	0	0	11	0
## 207	0	0	0	0	0	0	0	60	0	8
## 208	0	0	0	0	0	0	0	0	0	0
## 209	0	0	1	0	0	0	0	0	7	0
## 210	1	0	0	0	0	1	0	0	7	0
## 211	0	0	2	0	0	0	0	60	0	0
## 212	0	0	0	0	0	0	0	14	0	31
## 213	0	0	0	0	0	0	0	0	9	0
## 214	0	0	0	0	0	0	0	0	7	0
## 215	0	0	2	0	0	0	0	0	14	0
## 216	1	0	0	0	0	0	0	0	2	0
## 217	1	0	0	0	0	0	0	0	4	0
## 218	1	0	0	0	0	0	0	0	7	0
## 219	0	0	0	0	0	0	0	0	7	0
## 220	0	0	0	0	0	0	0	0	3	0
## 221	0	0	0	0	0	0	0	0	7	0
## 222	0	0	0	0	0	0	0	70	0	33
## 223	0	0	0	0	0	0	0	0	6	0
## 224	0	0	0	0	0	0	0	0	5	0
## 225	0	0	1	0	0	0	0	0	9	0
## 226	0	0	0	0	0	0	0	0	6	0
## 227	0	0	0	0	0	0	0	0	7	0
## 228	0	0	1	0	0	0	0	0	5	0
## 229	0	0	0	0	0	0	0	0	9	0
## 230	0	0	4	0	0	0	0	69	0	0
## 231	0	0	1	0	0	0	0	0	7	0
## 232	0	0	0	0	0	0	0	0	8	0
## 233	0	0	0	0	0	0	0	0	1	0
## 234	0	0	0	0	0	0	0	0	0	1
## 235	0	0	0	0	0	0	0	0	7	0
## 236	0	1	0	0	0	0	0	133	0	0
## 237	1	0	0	0	0	1	0	0	4	0
## 238	0	0	0	0	0	0	0	45	0	12
## 239	0	0	0	0	0	0	0	0	8	0
## 240	0	0	0	0	0	0	0	0	7	0
## 241	0	0	1	0	0	0	0	0	7	0
## 242	0	0	0	0	0	0	0	0	12	0
## 243	0	0	0	0	0	0	0	0	7	0
## 244	0	0	0	0	0	0	0	1	0	62
## 245	1	0	0	0	0	0	0	0	5	0
## 246	0	0	0	0	0	0	0	0	2	0
## 247	0	0	0	0	0	0	0	0	14	0
## 248	0	0	0	0	0	0	0	0	8	0
## 249	0	0	0	0	0	0	0	17	0	13
## 250	0	0	0	0	0	0	0	0	10	0
## 251	0	0	0	0	0	0	0	0	8	0
## 252	0	0	0	0	0	0	0	0	8	0
## 253	0	0	0	0	0	0	0	0	1	0
## 254	0	0	1	0	0	0	0	0	10	0
## 255	0	0	0	0	0	0	0	0	5	0
## 256	0	0	0	0	0	0	0	0	10	0
## 257	0	0	0	0	0	0	0	0	8	0

## 258	1	0	0	0	0	0	0	0	4	0
## 259	0	0	0	0	0	0	0	0	8	0
## 260	0	0	0	0	0	0	0	0	8	0
## 261	1	0	0	0	0	0	0	0	5	0
## 262	1	0	0	0	0	0	0	0	5	0
## 263	1	0	0	0	0	0	0	0	4	0
## 264	0	0	0	0	0	0	0	0	5	0
## 265	0	1	1	0	0	0	0	0	12	0
## 266	0	1	1	0	0	0	0	0	13	0
## 267	0	0	0	0	0	0	0	0	8	0
## 268	0	0	0	0	0	0	0	128	0	50
## 269	0	0	0	0	0	0	0	0	7	0
## 270	0	0	0	0	0	0	0	0	5	0
## 271	0	0	0	0	0	0	0	0	8	0
## 272	0	0	0	0	0	0	0	0	8	0
## 273	0	0	0	0	0	0	0	0	11	0
## 274	0	0	0	0	0	0	0	0	11	0
## 275	0	0	0	0	0	0	0	38	0	0
## 276	0	0	0	0	0	0	0	0	10	0
## 277	0	0	0	0	0	0	0	0	8	0
## 278	0	0	0	0	0	0	0	0	6	0
## 279	0	0	0	0	0	0	0	0	4	0
## 280	0	0	0	0	0	0	0	27	0	25
## 281	0	0	0	0	0	0	0	0	8	0
## 282	0	1	1	0	0	0	0	0	10	0
## 283	0	0	0	0	0	0	0	0	7	0
## 284	0	0	0	0	0	0	0	0	7	0
## 285	0	0	0	0	0	0	0	0	2	0
## 286	0	0	0	0	0	0	0	0	8	0
## 287	0	0	1	0	0	0	0	0	7	0
## 288	1	0	0	0	0	0	0	0	6	0
## 289	2	0	0	0	0	0	0	0	12	0
## 290	0	0	0	0	0	0	0	10	0	0
## 291	0	0	0	0	0	0	0	0	5	0
## 292	1	0	0	0	0	0	0	0	5	0
## 293	1	0	0	0	0	0	0	0	9	0
## 294	1	0	0	0	0	0	0	0	7	0
## 295	0	0	0	0	0	0	0	0	12	0
## 296	0	0	0	0	0	0	0	0	9	0
## 297	0	0	1	0	0	0	0	0	7	0
## 298	0	0	0	0	0	0	0	0	7	0
## 299	0	0	0	0	0	0	0	0	5	0
## 300	0	0	0	0	0	0	0	0	10	0
## 301	0	0	0	0	0	0	0	0	2	0
## 302	1	0	0	0	0	0	0	0	2	0
## 303	1	0	0	0	0	0	0	0	6	0
## 304	0	0	0	0	0	0	0	0	4	0
## 305	0	0	0	0	0	0	0	0	9	0
## 306	0	0	0	0	0	0	0	50	0	53
## 307	0	0	0	0	0	0	0	0	12	0
## 308	0	0	1	0	0	0	0	0	7	0
##	EMPTYP1	CABOOSE1	LOADF2	LOADP2	EMPTYF2	EMPTYP2	CABOOSE2		EQPDMG	TRKDMG
## 1	0	0	0	11	0	0	0	0	3135000	0
## 2	0	0	0	4	0	0	0	0	300000	0



## 3	0	0	0	0	0	0	0	8644	0
## 4	7	0	0	0	0	0	0	7000000	9930000
## 5	0	0	0	9	0	0	0	3790000	0
## 6	0	0	0	4	0	0	0	597000	0
## 7	0	0	0	0	0	0	0	43192	0
## 8	0	0	0	0	0	0	0	36810	0
## 9	0	0	0	7	0	0	0	6000000	0
## 10	0	0	0	4	0	0	0	100000	80000
## 11	0	0	0	0	0	0	0	21116	0
## 12	0	0	0	0	0	0	0	10000	2000
## 13	0	5	0	3	0	0	0	7000	600
## 14	0	0	26	0	5	0	0	1037730	290000
## 15	0	0	0	0	0	0	0	45503	0
## 16	0	0	0	5	0	0	0	438500	0
## 17	0	0	0	0	0	0	0	2000	15332
## 18	0	0	0	11	0	0	0	0	0
## 19	0	0	0	0	0	0	0	325000	0
## 20	1	0	0	0	0	0	0	545	0
## 21	4	0	0	0	0	2	0	2000000	0
## 22	0	0	0	3	0	0	0	27500	30000
## 23	0	0	0	0	0	0	0	150000	34425
## 24	0	0	0	0	0	0	0	7067	0
## 25	0	0	0	10	0	0	0	621000	0
## 26	0	0	0	1	0	0	0	3500000	0
## 27	0	0	0	21	0	0	0	7277500	0
## 28	0	0	0	0	0	0	0	60816	0
## 29	0	0	0	0	1	0	0	230000	100
## 30	0	0	0	0	0	0	0	40000	0
## 31	0	0	0	10	0	0	0	860000	0
## 32	8	0	0	0	0	5	0	551965	0
## 33	0	0	0	0	0	0	0	98950	0
## 34	0	0	0	0	0	0	0	0	9000
## 35	0	0	0	1	0	0	0	66142	61600
## 36	0	0	0	1	0	0	0	45000	0
## 37	0	0	0	4	0	0	0	2800000	123230
## 38	6	0	0	0	0	1	0	80000	5572
## 39	1	0	0	4	0	1	0	4023290	1152000
## 40	0	0	0	0	0	0	0	10000	0
## 41	0	0	0	0	0	0	0	22613	5200
## 42	0	0	0	0	0	0	0	1000000	18000
## 43	0	0	0	16	0	0	0	100400	0
## 44	0	0	0	2	0	0	0	6187	0
## 45	0	0	0	9	0	0	0	6896000	0
## 46	0	0	0	0	0	0	0	25000	0
## 47	3	0	0	0	0	0	0	60500	8000
## 48	0	0	0	0	0	0	0	10000	0
## 49	0	0	0	0	0	0	0	300000	1700
## 50	0	0	20	0	0	0	0	5466740	234025
## 51	0	0	0	0	0	0	0	8000	0
## 52	0	0	0	0	0	0	0	86356	0
## 53	0	0	0	0	0	0	0	20000	0
## 54	4	0	0	0	0	1	0	7000	4000
## 55	0	0	0	0	0	0	0	1200000	28080
## 56	0	0	0	0	0	0	0	305000	0

## 57	0	0	0	0	0	0	0	300	0
## 58	0	0	11	0	0	0	0	751154	436091
## 59	0	0	3	0	0	0	0	185192	93500
## 60	0	0	0	4	0	0	0	555000	0
## 61	0	0	0	0	0	0	0	10684	0
## 62	0	0	0	4	0	0	0	683000	0
## 63	0	0	0	4	0	0	0	650000	0
## 64	0	0	0	1	0	0	0	558717	0
## 65	0	0	0	4	0	0	0	700000	0
## 66	0	0	0	0	0	0	0	42500	0
## 67	0	0	0	0	0	0	0	5835	1000
## 68	0	0	0	0	5	0	0	902639	45000
## 69	0	0	0	0	0	0	0	11137	0
## 70	2	0	0	3	0	2	0	5000000	3000000
## 71	0	0	0	0	0	0	0	8398	0
## 72	0	0	12	0	4	0	0	1664700	75900
## 73	0	0	0	3	0	0	0	6300000	301105
## 74	0	0	0	0	0	0	0	200000	0
## 75	0	0	1	0	12	0	0	292530	2053200
## 76	0	1	0	0	1	0	0	96790	0
## 77	0	0	0	0	0	0	0	35340	0
## 78	0	0	0	0	0	0	0	350000	0
## 79	0	0	0	4	0	0	0	121000	0
## 80	0	0	0	2	0	0	0	47684	0
## 81	0	0	0	0	0	0	0	19002	0
## 82	0	0	0	0	0	0	0	383	24774
## 83	0	0	0	0	0	0	0	37000	3500
## 84	0	0	0	3	0	0	0	400000	0
## 85	2	0	9	0	0	1	0	1400000	541000
## 86	0	0	31	0	0	0	0	1625060	329010
## 87	0	0	0	1	0	0	0	500000	29273
## 88	0	0	0	0	0	0	0	36200	0
## 89	0	0	0	0	0	0	0	9712	170
## 90	0	0	0	0	0	0	0	130000	4741
## 91	0	0	3	0	2	0	0	25864	34255
## 92	0	0	0	0	0	0	0	30000	0
## 93	0	0	0	0	0	0	0	7701	0
## 94	0	0	0	0	0	0	0	800	7200
## 95	0	0	0	0	0	0	0	200263	0
## 96	0	0	0	0	0	0	0	100000	0
## 97	0	0	11	0	13	0	0	1116250	97000
## 98	0	0	10	0	9	0	0	713413	166025
## 99	0	0	0	0	0	0	0	75000	0
## 100	0	0	0	0	0	0	0	38541	0
## 101	0	0	0	0	0	0	0	97000	0
## 102	0	0	1	0	0	0	0	250000	52441
## 103	2	0	0	2	0	2	0	107533	2000
## 104	0	0	0	0	0	0	0	250000	0
## 105	0	0	0	0	0	0	0	7100	4140
## 106	0	0	0	0	0	0	0	450000	15841
## 107	0	0	7	1	0	0	0	260000	2288000
## 108	0	0	14	0	2	0	0	947827	225043
## 109	0	0	0	0	0	0	0	8207	0
## 110	0	0	0	0	0	0	0	0	12961

## 111	0	0	0	8	0	0	0	215036	0
## 112	0	0	0	0	0	0	0	11624	0
## 113	0	0	0	0	0	0	0	30500	0
## 114	0	0	0	0	0	0	0	1700000	0
## 115	0	0	11	0	0	0	0	196997	35874
## 116	0	0	0	0	0	0	0	1500	0
## 117	0	0	0	9	0	0	0	675000	0
## 118	0	0	0	4	0	0	0	217500	0
## 119	0	0	0	0	0	0	0	100000	0
## 120	8	0	0	0	0	1	0	36000	0
## 121	0	0	0	0	0	0	0	5056	0
## 122	1	0	0	3	0	1	0	250303	0
## 123	0	0	0	1	0	0	0	334436	0
## 124	0	0	0	1	0	0	0	1200000	0
## 125	0	0	0	6	0	0	0	1151054	0
## 126	0	0	0	0	0	0	0	26126	0
## 127	0	0	0	1	0	0	0	9000000	117325
## 128	0	0	0	0	0	0	0	49799	0
## 129	0	0	0	0	0	0	0	875796	0
## 130	0	0	0	1	0	0	0	10000	8872
## 131	0	0	11	0	0	0	0	742126	135300
## 132	0	0	0	0	1	0	0	49922	290
## 133	0	0	0	2	0	0	0	11700	20000
## 134	0	0	0	0	0	0	0	165000	0
## 135	0	0	0	0	0	0	0	90000	0
## 136	0	0	0	0	0	0	0	12500	3100
## 137	0	0	0	0	0	0	0	100000	0
## 138	0	0	0	0	0	0	0	10000	1500
## 139	0	0	0	0	0	0	0	200000	0
## 140	0	0	0	0	0	0	0	68199	0
## 141	0	0	0	0	0	0	0	150000	0
## 142	0	0	0	0	0	0	0	65228	0
## 143	0	0	0	0	0	0	0	40054	0
## 144	0	0	19	0	0	0	0	1342947	473706
## 145	0	0	0	0	18	0	0	799923	264763
## 146	0	0	0	0	0	0	0	24783	0
## 147	0	0	0	0	0	0	0	56717	0
## 148	0	0	0	0	0	0	0	25250	0
## 149	0	0	0	0	0	0	0	10000	0
## 150	0	0	0	0	0	0	0	250000	0
## 151	0	0	0	0	0	0	0	10000	0
## 152	0	0	0	2	0	0	0	100000	0
## 153	0	0	0	0	0	0	0	123169	85500
## 154	7	0	0	0	0	4	0	365332	0
## 155	0	0	0	0	0	0	0	10000	0
## 156	0	0	0	3	0	0	0	3200000	0
## 157	0	0	0	1	0	0	0	136726	0
## 158	0	0	0	0	0	0	0	15000	0
## 159	0	0	0	0	0	0	0	24047	0
## 160	0	0	0	0	0	0	0	300000	0
## 161	0	0	0	5	0	0	0	76882	0
## 162	0	0	0	0	0	0	0	11228	54567
## 163	0	0	0	0	0	0	0	2000000	0
## 164	0	0	0	1	0	0	0	663550	0

## 165	0	0	0	0	0	0	0	76617	276000
## 166	0	0	0	0	0	0	0	40000	0
## 167	0	0	0	0	0	0	0	404592	0
## 168	0	0	0	0	0	0	0	1264000	0
## 169	0	0	0	3	0	0	0	2594785	0
## 170	4	0	0	1	0	0	0	80000	44923
## 171	0	0	0	6	0	0	0	2152942	0
## 172	0	0	13	0	2	0	0	2230165	118856
## 173	0	0	0	0	0	0	0	150000	0
## 174	0	0	0	1	0	0	0	450000	0
## 175	0	0	0	0	0	0	0	8554000	0
## 176	0	0	0	0	0	0	0	63824	15000
## 177	0	0	0	0	0	0	0	45000	0
## 178	0	0	0	2	0	0	0	2281720	0
## 179	0	0	0	0	0	0	0	36436	0
## 180	0	0	0	0	0	0	0	9277	23829
## 181	0	0	7	0	0	0	0	389654	63000
## 182	0	0	0	0	0	0	0	38754	1790
## 183	0	0	0	0	0	0	0	82514	0
## 184	0	0	0	4	0	0	0	250905	150000
## 185	0	0	0	0	0	0	0	88302	0
## 186	0	0	0	0	0	0	0	280000	0
## 187	0	0	0	0	0	0	0	27071	0
## 188	0	0	0	0	0	0	0	11078	4098
## 189	0	0	0	0	0	0	0	70000	0
## 190	0	0	0	0	0	0	0	85000	27857
## 191	0	0	0	0	0	0	0	119114	0
## 192	0	0	0	0	0	0	0	150000	0
## 193	0	0	0	0	1	0	0	60855	75
## 194	0	0	0	2	0	0	0	2500000	0
## 195	0	0	0	0	0	0	0	10000	0
## 196	0	0	0	0	0	0	0	40000	0
## 197	0	0	0	0	0	0	0	1000	18300
## 198	1	0	0	0	0	0	0	150000	99000
## 199	0	0	0	8	0	0	0	11000000	100000
## 200	0	0	0	0	0	0	0	908191	54066
## 201	0	0	0	0	0	0	0	238776	200000
## 202	0	0	0	0	0	0	0	20953	0
## 203	0	0	0	0	0	0	0	305200	0
## 204	0	0	0	0	0	0	0	7000	21162
## 205	0	0	0	0	0	0	0	15664	0
## 206	0	0	0	0	0	0	0	45864	0
## 207	0	0	0	0	0	0	0	75571	7870
## 208	0	0	0	0	0	0	0	500	54274
## 209	0	0	0	0	0	0	0	125985	0
## 210	0	0	0	7	0	0	0	5000000	876090
## 211	0	0	14	0	0	0	0	4210835	3832368
## 212	0	0	6	0	9	0	0	504575	100000
## 213	0	0	0	8	0	0	0	65000	0
## 214	0	0	0	0	0	0	0	250000	0
## 215	1	0	0	3	0	1	0	1100000	100000
## 216	0	0	0	1	0	0	0	1000000	0
## 217	0	0	0	0	0	0	0	56470	0
## 218	0	0	0	0	0	0	0	100000	0

## 219	0	0	0	0	0	0	0	250000	0
## 220	0	0	0	0	0	0	0	193000	0
## 221	0	0	0	0	0	0	0	13874	0
## 222	0	0	0	0	0	0	0	100	15281
## 223	0	0	0	0	0	0	0	80000	20869
## 224	0	0	0	0	0	0	0	25434	0
## 225	0	0	0	0	0	0	0	39312	0
## 226	0	0	0	0	0	0	0	27454	0
## 227	0	0	0	0	0	0	0	20000	0
## 228	0	0	0	4	0	0	0	4148125	0
## 229	0	0	0	0	0	0	0	62082	0
## 230	0	0	10	0	0	0	0	5592849	2176946
## 231	0	0	0	7	0	0	0	27140000	3630962
## 232	0	0	0	0	0	0	0	3600000	100000
## 233	0	0	0	0	0	0	0	15468	1893
## 234	0	0	0	0	0	0	0	185000	455165
## 235	0	0	0	0	0	0	0	510025	0
## 236	0	0	0	0	0	0	0	7385	14036
## 237	0	0	0	4	0	0	0	14000000	0
## 238	0	0	1	0	0	0	0	119559	152121
## 239	0	0	0	0	0	0	0	26000	0
## 240	0	0	0	0	0	0	0	34615	0
## 241	0	0	0	1	0	0	0	2013371	0
## 242	0	0	0	0	0	0	0	230000	0
## 243	0	0	0	0	0	0	0	23607	0
## 244	0	0	0	0	0	0	0	136620	50
## 245	0	0	0	0	0	0	0	28809	0
## 246	0	0	0	0	0	0	0	17370	0
## 247	0	0	0	0	0	0	0	53662	0
## 248	0	0	0	0	0	0	0	22657	0
## 249	0	0	0	0	0	0	0	11356	0
## 250	0	0	0	8	0	0	0	2784355	0
## 251	0	0	0	0	0	0	0	46031	0
## 252	0	0	0	0	0	0	0	120613	0
## 253	0	0	0	0	0	0	0	12810	0
## 254	0	0	0	0	0	0	0	3159938	497313
## 255	0	0	0	0	0	0	0	83708	0
## 256	0	0	0	0	0	0	0	34658	0
## 257	0	0	0	0	0	0	0	15066	0
## 258	0	0	0	1	0	0	0	595768	146950
## 259	0	0	0	0	0	0	0	19068	0
## 260	0	0	0	0	0	0	0	10542	0
## 261	0	0	0	0	0	0	0	34667	0
## 262	0	0	0	2	0	0	0	2608512	0
## 263	0	0	0	1	0	0	0	6000000	12000
## 264	0	0	0	0	0	0	0	61000	0
## 265	0	0	0	12	0	0	0	25406000	0
## 266	0	0	0	3	0	0	0	2634879	0
## 267	0	0	0	0	0	0	0	33661	0
## 268	0	0	20	0	12	0	0	2130312	74904
## 269	5	0	0	3	0	2	0	781821	153000
## 270	0	0	0	0	0	0	0	69819	0
## 271	0	0	0	0	0	0	0	23548	0
## 272	0	0	0	0	0	0	0	22421	0

## 273	0	0	0	3	0	0	0	50782	461768
## 274	0	2	0	0	0	0	0	24000	0
## 275	0	0	0	0	0	0	0	250	90446
## 276	0	0	0	3	0	0	0	245409	0
## 277	0	0	0	0	0	0	0	53271	0
## 278	0	0	0	3	0	0	0	4902864	446000
## 279	0	0	0	0	0	0	0	600000	5000
## 280	0	0	0	0	0	0	0	1600	32662
## 281	0	0	0	0	0	0	0	11477	0
## 282	0	0	0	0	0	0	0	40491	0
## 283	0	0	0	0	0	0	0	38550	0
## 284	0	0	0	0	0	0	0	38716	0
## 285	0	0	0	0	0	0	0	210000	960
## 286	0	0	0	0	0	0	0	15630	0
## 287	0	0	0	5	0	0	0	16994885	0
## 288	0	0	0	0	0	0	0	22129	0
## 289	0	0	0	3	0	0	0	77150	0
## 290	0	0	0	0	0	0	0	587	16069
## 291	0	0	0	0	0	0	0	360374	0
## 292	0	0	0	0	0	0	0	23100	0
## 293	0	0	0	0	0	0	0	15000	0
## 294	0	0	0	0	0	0	0	28384	1805
## 295	0	0	0	0	0	0	0	35841	0
## 296	0	0	0	0	0	0	0	15033	0
## 297	0	0	0	0	0	0	0	103926	0
## 298	0	0	0	0	0	0	0	70354	0
## 299	0	0	0	0	0	0	0	39620	4278
## 300	0	0	0	0	0	0	0	28341	0
## 301	0	0	0	0	0	0	0	50000	0
## 302	1	0	0	0	0	0	0	550000	31267
## 303	0	0	0	0	0	0	0	18075	0
## 304	0	0	0	0	0	0	0	200000	31000
## 305	0	0	0	0	0	0	0	250000	0
## 306	0	0	24	0	15	0	0	2279395	1466591
## 307	0	0	0	3	0	0	0	4000000	750000
## 308	0	0	0	5	0	0	0	1061627	0

##	CAUSE	CAUSE2	CASKLDRR	CASINJRR	CASKLD	CASINJ	ACCAUSE	ACCTRK	ACCTRKCL
## 1	T220		1	49	1	49	T220	1	4
## 2	H216	H605	0	41	0	41	H216	1	4
## 3	M302		7	2	7	2	M302	1	5
## 4	M501	M503	0	16	0	16	M501	1	3
## 5	H215		0	25	0	25	H104	1	5
## 6	H215	H604	0	18	0	18	H215	1	5
## 7	M399		0	4	0	4	M399	1	3
## 8	M302		0	4	0	4	M399	1	5
## 9	T002	M103	0	16	0	16	M103	1	4
## 10	M501	T108	0	19	0	19	M501	1	4
## 11	M307	H994	2	3	2	3	M307	1	4
## 12	M304		0	5	0	5	M304	1	X
## 13	T299		0	10	0	10	T299	1	1
## 14	T215		1	0	1	0	T215	1	3
## 15	M303		0	4	0	4	M303	1	5
## 16	H999		0	5	0	5	H999	1	5
## 17	M399	M302	3	1	3	1	M399	1	4

## 18	T109		0	72	0	72	H993	1	4
## 19	M302		0	4	0	4	M399	1	5
## 20	H499		0	20	0	20	H499	1	1
## 21	H204		0	5	0	11	H204	1	2
## 22	H403		0	64	0	64	H403	2	3
## 23	H204		0	6	0	11	H204	1	2
## 24	M302		2	2	2	2	M302	1	4
## 25	M304	M302	0	19	0	19	M304	1	4
## 26	H215		3	13	3	14	H215	1	4
## 27	T109		4	132	4	132	T109	1	4
## 28	M302		0	6	0	6	M302	1	4
## 29	T299		0	4	0	4	T299	1	2
## 30	M302		0	5	0	5	M302	1	4
## 31	M302		2	35	2	35	M302	1	4
## 32	H605		0	8	0	8	H605	1	3
## 33	M302		0	4	0	4	M302	1	4
## 34	M303		3	1	3	1	M303	1	4
## 35	H099	H401	0	9	0	9	H099	1	3
## 36	E53L	H218	0	16	0	17	E53L	1	6
## 37	M302		2	22	2	22	M302	1	4
## 38	H607	H601	0	10	0	10	H607	1	4
## 39	H699		0	54	0	54	H699	1	4
## 40	M302		1	19	1	19	M303	1	4
## 41	M302		1	3	1	3	M302	1	4
## 42	H307	H210	0	4	0	4	H307	1	1
## 43	T110		0	9	0	9	T110	1	4
## 44	H222		0	20	0	20	H222	1	1
## 45	T199		1	44	1	44	T199	1	4
## 46	H222		0	29	0	31	H222	1	3
## 47	H205		1	4	1	4	H205	1	6
## 48	M302		0	6	0	6	M302	1	4
## 49	M308		3	1	3	1	M308	1	2
## 50	H221		3	79	3	79	H221	1	4
## 51	M302		2	4	2	4	M302	1	4
## 52	M302		1	3	1	3	M302	1	4
## 53	M302		4	1	4	1	M302	1	3
## 54	H307	H607	0	0	0	4	H307	2	1
## 55	M304	M303	0	32	0	32	M304	1	3
## 56	M406		0	6	0	6	E99C	1	4
## 57	M302		3	1	3	1	M302	1	4
## 58	M302		1	3	1	3	M302	1	4
## 59	M399		1	4	1	4	M399	1	3
## 60	T110		0	45	0	45	T110	1	4
## 61	M302		4	0	4	0	M302	1	4
## 62	M404		0	10	0	10	M404	1	4
## 63	M308		2	21	2	21	M308	1	4
## 64	M302		0	5	0	5	M399	1	5
## 65	M404		0	35	0	35	M101	1	4
## 66	M302		1	4	1	4	M302	1	4
## 67	M302		1	3	1	3	M302	1	4
## 68	H405	H211	0	0	0	6	H405	1	3
## 69	M303		0	15	0	15	M303	1	4
## 70	H699		2	155	2	155	H699	1	1
## 71	M304		0	4	0	4	M304	1	2

## 72	H702		9	292	9	292	H702	4	1
## 73	M402		0	0	11	70	M402	1	4
## 74	M304		0	4	0	4	M304	1	4
## 75	H607		0	0	1	46	H607	1	2
## 76	H018		0	0	0	7	H018	1	2
## 77	M302		0	11	0	11	M302	1	5
## 78	M303		1	3	1	3	M302	1	5
## 79	T110		0	4	0	4	T110	1	3
## 80	T314		0	8	0	8	T314	1	2
## 81	M302		0	9	0	9	M302	1	5
## 82	M302	M305	3	1	3	1	M302	1	4
## 83	M304		0	11	0	11	M304	1	4
## 84	T314		0	7	0	7	T314	1	4
## 85	M504		2	2	2	2	M504	1	3
## 86	M303		1	3	1	3	M303	1	4
## 87	M303		0	28	0	28	M303	1	3
## 88	H221		0	42	0	42	H221	1	3
## 89	M399		1	3	1	3	M399	1	4
## 90	M304	M302	0	7	0	7	M304	1	2
## 91	M308		0	4	0	4	M308	1	4
## 92	H499		0	4	0	4	H499	1	4
## 93	M302	M304	0	4	0	4	M302	1	4
## 94	M402		3	2	3	2	M402	1	5
## 95	M302		0	6	0	6	M302	1	5
## 96	M304		0	8	0	8	M304	1	5
## 97	E46C		0	4	0	4	E46C	1	4
## 98	T202		0	34	0	34	T202	1	4
## 99	M304		0	5	0	5	M304	1	4
## 100	M303		4	0	4	0	M303	1	4
## 101	M302		1	13	1	13	M302	1	4
## 102	H205	M503	2	2	2	2	H205	1	2
## 103	H799		0	5	0	5	H799	1	3
## 104	M308		0	9	0	9	M308	1	3
## 105	M302		1	3	1	3	M302	1	3
## 106	H499	M599	2	10	2	10	H499	1	3
## 107	T401		0	6	0	6	T401	1	1
## 108	E62C		0	22	0	22	E62C	1	4
## 109	M308		1	4	1	4	M308	1	5
## 110	M399		1	3	1	3	M399	1	4
## 111	T113		0	5	0	5	T113	3	3
## 112	M302		6	0	6	0	M302	1	5
## 113	M302		0	18	0	18	M303	1	5
## 114	H222	H605	0	136	0	136	H222	1	3
## 115	T207		0	4	0	4	T207	1	2
## 116	M308		4	2	4	2	M308	1	4
## 117	M308		1	33	1	33	M308	1	4
## 118	M308		0	10	0	10	M308	1	5
## 119	M302		0	4	0	4	M302	1	4
## 120	H017		0	16	0	16	H017	1	2
## 121	H099		0	0	0	12	H099	1	1
## 122	M399		0	14	0	14	M399	1	4
## 123	M302		0	32	0	35	M302	1	5
## 124	M302		0	40	0	40	M302	1	4
## 125	M302		0	6	0	6	M302	1	4



## 126	M302		0	4	0	4	M302	1	4
## 127	H220		25	58	25	61	H220	1	3
## 128	M302		0	7	0	7	M302	1	5
## 129	M507		0	138	0	138	M599	1	8
## 130	H607		0	7	0	7	H607	3	1
## 131	M304		0	4	0	4	M304	1	4
## 132	M302		0	4	0	4	M302	1	4
## 133	E69C		0	4	0	4	E69C	1	1
## 134	M302		0	11	0	11	M302	1	4
## 135	M302		0	9	0	9	M302	1	5
## 136	M302		0	4	0	4	M302	1	3
## 137	H607	H402	0	20	0	20	H607	1	3
## 138	M399		0	10	0	10	M399	1	3
## 139	M302		0	9	0	9	M302	1	4
## 140	M304		0	5	0	5	M304	1	5
## 141	M404		0	5	0	5	M404	1	4
## 142	E74L		0	7	0	7	E74L	1	3
## 143	M404		0	11	0	11	M404	1	4
## 144	T002		1	11	1	11	T002	1	4
## 145	M304		0	4	0	4	M304	1	4
## 146	M302		0	6	0	6	M302	1	4
## 147	M402		0	4	0	4	M402	1	4
## 148	M302		3	3	3	3	M302	1	5
## 149	M302		2	2	2	2	M308	1	5
## 150	M302		0	9	0	9	M302	1	4
## 151	M302		0	4	0	4	M308	1	3
## 152	T319		0	14	0	14	T319	1	5
## 153	M304		0	4	0	4	M304	1	4
## 154	H221	H999	0	4	0	6	H221	2	1
## 155	M303		0	4	0	4	M303	1	4
## 156	M303		0	17	0	17	M303	1	4
## 157	M308		0	30	0	30	M308	1	4
## 158	M302		3	2	3	2	M302	1	4
## 159	M308	M301	0	21	0	21	M308	1	5
## 160	H993		0	4	0	4	H993	1	4
## 161	T001		0	14	0	14	T001	1	4
## 162	M308		0	3	0	3	M308	1	4
## 163	H221		0	16	0	19	H221	1	1
## 164	M302		1	8	1	8	M302	1	4
## 165	H599	H999	0	35	0	35	H599	1	3
## 166	M302		0	22	0	22	M302	1	5
## 167	M302		0	57	0	57	M302	1	5
## 168	M406		0	7	0	7	M406	1	6
## 169	M302		0	11	0	11	M302	1	4
## 170	M308		2	7	2	7	M308	1	4
## 171	M404		0	29	0	29	M404	1	4
## 172	M308	M304	0	4	0	4	M308	1	4
## 173	M402		0	19	0	19	M402	1	4
## 174	M308		1	31	1	31	M308	1	4
## 175	M303		6	101	6	101	M303	1	5
## 176	M308		1	7	1	7	M308	1	4
## 177	M304		0	5	0	5	M304	1	4
## 178	M304		0	17	0	17	M304	1	4
## 179	M308		1	3	1	3	M308	1	5

## 180	M302		0	10	0	10	M302	1	4
## 181	T401		0	385	0	385	T401	1	1
## 182	M308		3	16	3	16	M308	1	3
## 183	M302	M303	1	5	1	5	M302	1	5
## 184	H994		0	15	0	15	H994	2	4
## 185	M302		1	36	1	36	M302	1	5
## 186	E74L		0	5	0	5	E74L	2	1
## 187	M302		0	5	0	5	M302	1	4
## 188	M302		4	24	4	24	M302	1	5
## 189	M302	M303	1	3	1	3	M302	1	4
## 190	T399		0	11	0	11	T399	1	1
## 191	M304		0	5	0	5	M304	1	5
## 192	M302		1	7	1	7	M302	1	6
## 193	H318	H312	0	4	0	4	H318	4	1
## 194	M308		0	47	0	47	M308	1	5
## 195	M304		0	13	0	13	M304	1	5
## 196	M303		0	7	0	7	M303	1	4
## 197	M302		0	4	0	4	M302	1	5
## 198	M303		1	23	1	23	M303	1	2
## 199	T213	T001	0	0	0	132	T213	1	4
## 200	M399		1	3	1	3	M399	1	5
## 201	M304		0	10	0	10	M304	1	3
## 202	M302		0	5	0	5	M302	1	4
## 203	M303		0	7	0	7	M303	1	3
## 204	M302		0	22	0	22	M302	1	4
## 205	M302		1	3	1	3	M302	1	5
## 206	M302		1	12	1	12	M302	1	4
## 207	M399		0	5	0	5	M399	1	4
## 208	M302		2	2	2	2	M302	1	5
## 209	M302		0	23	0	23	M302	1	4
## 210	H604	H199	4	82	4	82	H604	1	2
## 211	H221	H605	0	7	0	7	H221	1	4
## 212	M304		0	7	0	7	M304	1	4
## 213	T308		0	21	0	21	T308	1	5
## 214	M308		0	7	0	7	M308	1	4
## 215	T310		0	24	0	24	T310	1	2
## 216	M302		0	7	0	7	M302	1	4
## 217	M302		1	7	1	7	M302	1	4
## 218	M302		0	6	0	6	M302	1	5
## 219	M302		0	9	0	9	M302	1	4
## 220	M303		0	16	0	16	M303	1	3
## 221	M302		0	6	0	6	M302	1	5
## 222	M399		4	1	4	1	M399	1	4
## 223	M399		0	4	0	4	M399	1	4
## 224	M302		1	3	1	3	M302	1	5
## 225	M402		3	2	3	2	M402	1	8
## 226	M308	M301	3	1	3	1	M308	1	4
## 227	M303		0	4	0	4	M302	1	4
## 228	M101		0	13	0	13	M101	1	3
## 229	M308		1	3	1	3	M308	1	5
## 230	M103		0	4	0	4	M103	1	4
## 231	H999		8	241	8	241	H999	1	7
## 232	M308	M303	6	40	6	40	M308	1	3
## 233	M308		1	7	1	7	M308	1	4

##	234	T403		0	4	0	4	T403	1	4
##	235	M302		1	15	1	15	M302	1	4
##	236	M302		0	4	0	4	M302	1	4
##	237	M402		1	28	1	28	M402	1	4
##	238	E53C		0	197	0	197	E53C	1	3
##	239	M308		0	17	0	17	M308	1	6
##	240	M302		0	8	0	8	M302	1	3
##	241	M303		0	87	0	87	M303	1	4
##	242	M304		0	12	0	12	M302	1	4
##	243	M302		0	6	0	6	M302	1	4
##	244	M308		1	3	1	3	M308	1	4
##	245	M308		2	2	2	2	M308	1	5
##	246	M402		0	7	0	7	M402	1	4
##	247	M302		0	12	0	12	M302	1	4
##	248	M302		3	3	3	3	M302	1	4
##	249	M302		0	4	0	4	M302	1	4
##	250	M506		0	60	0	60	M506	1	4
##	251	M302		0	4	0	4	M302	1	4
##	252	M302		1	13	1	13	M302	1	4
##	253	M308	M304	1	3	1	3	M308	1	4
##	254	H402		2	123	2	123	H402	1	6
##	255	M302		3	4	3	4	M302	1	5
##	256	M302		5	3	5	3	M302	1	4
##	257	M302		0	7	0	7	M302	1	5
##	258	M304		0	23	0	23	M304	1	4
##	259	M302		0	4	0	4	M302	1	5
##	260	M308		1	4	1	4	M308	1	4
##	261	M308		0	5	0	5	M308	1	4
##	262	M101		0	9	0	9	M101	1	3
##	263	H222	H604	1	158	1	158	H222	1	1
##	264	M308		0	4	0	4	M308	1	6
##	265	H604		3	90	3	90	H604	1	4
##	266	H221	H605	0	16	0	17	H221	1	3
##	267	M302		0	22	0	22	M302	1	4
##	268	H019		0	6	0	6	H019	1	3
##	269	H404	H607	0	8	0	8	H404	1	3
##	270	M402		0	4	0	4	M402	1	5
##	271	M303		0	7	0	7	M303	1	4
##	272	M304		0	9	0	9	M304	1	4
##	273	E40C		0	4	0	4	E40C	1	1
##	274	M304	M304	0	9	0	9	M304	1	2
##	275	M304		0	7	0	7	M304	1	2
##	276	T113		0	7	0	7	T113	1	1
##	277	T217		0	5	0	7	T217	1	1
##	278	H222	H605	0	113	0	113	H222	1	1
##	279	M309		0	3	0	3	M309	1	4
##	280	M302		4	41	4	41	M302	1	4
##	281	M308		1	3	1	3	M302	1	4
##	282	M308		1	10	1	10	M308	1	3
##	283	M302		1	10	1	10	M302	1	4
##	284	M302		0	5	0	5	M302	1	6
##	285	M308		2	5	2	5	M308	1	5
##	286	M308		0	6	0	6	M308	1	4
##	287	H702		2	133	2	134	H702	2	1

##	288	M308		0	5	0	5	M308	1	4	
##	289	M101		0	4	0	4	M101	1	4	
##	290	M308		3	1	3	1	M308	1	3	
##	291	M302		1	8	1	8	M302	1	4	
##	292	M302		0	5	0	5	M302	1	6	
##	293	M509		0	3	0	3	M509	1	5	
##	294	M304		0	4	0	4	M304	1	4	
##	295	M304		0	5	0	5	M304	1	4	
##	296	M308		0	4	0	4	M308	1	5	
##	297	M304		0	22	0	22	M304	1	4	
##	298	M302		1	9	1	9	M302	1	4	
##	299	M308		0	4	0	4	M308	1	6	
##	300	M308		3	2	3	2	M308	1	4	
##	301	M303	M302	1	3	1	3	M303	1	4	
##	302	M304	M302	0	5	0	5	M304	1	4	
##	303	M302		0	6	0	6	M302	1	4	
##	304	M308		0	4	0	4	M308	1	4	
##	305	M302		0	11	0	11	M302	1	4	
##	306	T204		0	6	0	6	T204	1	4	
##	307	M308		3	8	3	8	M308	1	4	
##	308	M308		1	7	1	7	M308	1	5	
##		HIGHSPD	ACCDMG	DUMMY2	STCNTY	TOTINJ	DUMMY3	TOTKLD	ENGRS	FIREMEN	CONDUCTR
##	1	52	3387850	NA	19C003	49	0	1	1	0	1
##	2	59	309672	NA	36C067	41	0	0	1	0	1
##	3	79	8644	NA	06C029	2	0	7	2	0	2
##	4	0	16930000	NA	36C061	16	0	0	NA	NA	NA
##	5	72	4640240	NA	49C045	25	0	0	2	0	2
##	6	46	1710440	NA	48C203	18	0	0	1	0	2
##	7	38	43192	NA	48C123	4	0	0	1	0	1
##	8	38	36810	NA	13C183	4	0	0	1	1	2
##	9	44	6214130	NA	29C093	16	0	0	2	0	2
##	10	60	180000	NA	34C003	19	0	0	1	NA	1
##	11	79	21116	NA	06C047	3	0	2	1	1	1
##	12	7	12000	NA	47C095	5	0	0	1	NA	1
##	13	12	7600	NA	18C047	10	0	0	2	0	1
##	14	41	1327730	NA	38C101	1000	0	1	1	0	1
##	15	67	45503	NA	06C029	4	0	0	1	0	1
##	16	60	580417	NA	06C001	5	0	0	1	0	1
##	17	47	17332	NA	27C097	1	0	3	1	0	1
##	18	59	58700	NA	24C031	72	0	0	1	0	1
##	19	76	327000	NA	12C105	4	0	0	2	0	2
##	20	10	10289	NA	36C081	18	0	0	1	0	1
##	21	18	2184430	NA	24C005	5	0	0	1	0	1
##	22	16	149000	NA	17C089	55	0	0	1	0	1
##	23	18	2184430	NA	24C005	6	0	0	1	0	1
##	24	40	7067	NA	48C073	2	0	2	1	0	1
##	25	80	716000	NA	45C053	19	0	0	1	0	1
##	26	20	3518750	NA	06C059	13	0	3	1	NA	1
##	27	56	7388050	NA	12C107	132	0	4	2	0	2
##	28	50	60816	NA	01C073	6	0	0	2	0	1
##	29	25	230100	NA	51C085	4	0	0	1	0	1
##	30	43	40000	NA	06C013	5	0	0	1	0	1
##	31	78	1060000	NA	13C179	35	0	2	1	1	1
##	32	10	558168	NA	06C067	8	0	0	1	1	2

## 33	55	98950	NA 29C223	4	0	0	1	1	1
## 34	47	9000	NA 21C015	1	0	3	1	0	1
## 35	8	127742	NA 34C017	9	0	0	1	0	1
## 36	69	193857	NA 34C017	16	0	0	1	0	1
## 37	79	2923230	NA 06C037	22	0	2	1	NA	1
## 38	12	135572	NA 36C119	5	0	0	1	0	1
## 39	68	5175290	NA 17C031	54	0	0	1	NA	2
## 40	78	27500	NA 51C153	19	0	1	2	0	1
## 41	55	27813	NA 38C093	3	0	1	1	0	1
## 42	5	1018000	NA 42C101	4	0	0	1	0	1
## 43	24	142400	NA 20C209	9	0	0	1	1	1
## 44	9	10639	NA 17C031	18	0	0	1	0	1
## 45	78	6996000	NA 28C163	44	0	1	1	0	2
## 46	10	80000	NA 36C061	29	0	0	1	NA	1
## 47	60	68500	NA 09C009	4	0	1	1	0	1
## 48	38	10000	NA 28C145	6	0	0	1	0	1
## 49	19	301700	NA 22C087	1	0	3	1	0	1
## 50	45	6323070	NA 48C029	79	0	3	1	0	1
## 51	79	8000	NA 09C003	4	0	2	1	0	1
## 52	41	86356	NA 48C487	3	0	1	1	0	1
## 53	40	20000	NA 13C087	1	0	4	1	0	1
## 54	14	24000	NA 34C025	4	0	0	1	0	1
## 55	60	1228080	NA 36C119	32	0	0	1	0	1
## 56	74	305000	NA 39C123	6	0	0	1	0	1
## 57	73	7369	NA 37C127	1	0	3	1	0	1
## 58	48	1187250	NA 48C325	3	0	1	1	0	1
## 59	29	278692	NA 55C027	4	0	1	1	1	2
## 60	60	709019	NA 53C059	45	0	0	1	0	2
## 61	74	10684	NA 22C105	0	0	4	1	0	2
## 62	49	801781	NA 08C077	10	0	0	1	0	1
## 63	48	658000	NA 37C183	21	0	2	1	0	1
## 64	64	559717	NA 06C111	5	0	0	1	0	1
## 65	60	780000	NA 29C099	35	0	0	2	0	1
## 66	70	50632	NA 49C019	4	0	1	1	0	2
## 67	53	6835	NA 05C093	3	0	1	1	0	2
## 68	39	1812590	NA 51C175	6	0	0	1	0	1
## 69	70	11137	NA 17C031	15	0	0	1	NA	1
## 70	69	8000000	NA 17C031	155	0	2	1	NA	2
## 71	30	8398	NA 17C031	4	0	0	1	NA	1
## 72	47	2333400	NA 45C003	292	0	9	1	0	1
## 73	74	13020300	NA 06C037	37	0	8	1	NA	1
## 74	44	200000	NA 34C005	4	0	0	1	0	0
## 75	17	2379170	NA 05C091	46	0	1	1	0	1
## 76	18	125610	NA 49C051	7	0	0	1	0	1
## 77	69	35760	NA 48C089	11	0	0	1	1	1
## 78	76	451400	NA 12C057	3	0	1	1	0	2
## 79	40	233168	NA 53C043	4	0	0	1	0	1
## 80	9	74184	NA 48C245	8	0	0	2	0	2
## 81	76	31002	NA 12C099	9	0	0	2	0	2
## 82	55	25157	NA 17C163	1	0	3	1	0	1
## 83	61	40500	NA 17C031	11	0	0	1	0	1
## 84	42	425000	NA 51C153	7	0	0	1	0	2
## 85	40	1941000	NA 06C061	2	0	2	2	0	1
## 86	47	1954070	NA 40C017	3	0	1	1	0	1

## 87	40	529273	NA 25C021	28	0	0	1	0	3
## 88	11	179700	NA 42C091	17	0	0	1	0	1
## 89	53	9882	NA 20C149	3	0	1	1	0	1
## 90	27	134741	NA 08C023	7	0	0	1	0	1
## 91	37	73304	NA 01C097	4	0	0	2	0	1
## 92	21	30000	NA 21C019	4	0	0	1	0	1
## 93	48	105701	NA 08C045	4	0	0	1	0	1
## 94	61	8000	NA 48C375	2	0	3	1	0	1
## 95	37	200263	NA 22C001	6	0	0	2	0	2
## 96	69	101800	NA 22C089	8	0	0	2	0	3
## 97	52	1213250	NA 48C309	4	0	0	1	0	1
## 98	30	879438	NA 17C055	34	0	0	1	0	1
## 99	79	83000	NA 17C031	5	0	0	1	NA	1
## 100	75	38541	NA 53C015	0	0	4	1	0	1
## 101	75	97000	NA 26C075	13	0	1	1	0	1
## 102	20	302441	NA 40C089	2	0	2	1	0	1
## 103	47	109533	NA 09C009	5	0	0	1	0	1
## 104	48	250000	NA 42C091	9	0	0	1	0	1
## 105	48	11240	NA 42C091	3	0	1	1	0	1
## 106	62	560841	NA 25C017	6	0	0	1	0	2
## 107	4	2548000	NA 01C091	6	0	0	1	0	0
## 108	50	1172870	NA 05C037	22	0	0	1	0	1
## 109	62	8207	NA 05C031	4	0	1	1	0	1
## 110	27	12961	NA 31C157	3	0	1	1	0	1
## 111	29	265912	NA 06C071	5	0	0	2	0	1
## 112	78	15624	NA 06C099	0	0	6	1	0	2
## 113	38	48500	NA 06C095	18	0	0	1	0	2
## 114	33	1719000	NA 17C031	136	0	0	2	0	3
## 115	11	232871	NA 28C035	4	0	0	1	NA	1
## 116	74	8929	NA 12C105	2	0	4	1	0	2
## 117	67	750000	NA 12C057	33	0	1	1	0	1
## 118	64	515500	NA 06C029	10	0	0	1	0	1
## 119	79	100500	NA 13C051	4	0	0	2	0	1
## 120	14	57000	NA 17C031	16	0	0	1	0	1
## 121	8	22906	NA 11C001	12	0	0	1	0	1
## 122	51	409488	NA 17C117	14	0	0	1	0	2
## 123	70	377436	NA 06C031	32	0	0	1	0	2
## 124	79	1256768	NA 28C029	40	0	0	2	0	2
## 125	68	1206561	NA 48C201	6	0	0	2	0	2
## 126	52	26126	NA 48C091	4	0	0	1	0	1
## 127	42	13071151	NA 06C037	58	0	25	1	0	1
## 128	79	49799	NA 06C095	7	0	0	1	0	1
## 129	0	878796	NA 25C021	138	0	0	1	0	2
## 130	9	18872	NA 06C077	7	0	0	1	0	1
## 131	47	877426	NA 47C157	4	0	0	2	1	1
## 132	8	50212	NA 28C075	4	0	0	0	0	1
## 133	13	31700	NA 17C031	4	0	0	1	0	2
## 134	77	184263	NA 17C117	11	0	0	1	0	2
## 135	69	125000	NA 37C119	9	0	0	1	0	2
## 136	25	15600	NA 13C207	4	0	0	1	0	1
## 137	30	700000	NA 42C101	15	0	0	1	0	1
## 138	45	11500	NA 34C007	10	0	0	1	0	1
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## 140	70	68199	NA 37C025	5	0	0	1	0	1

## 141	4	150000	NA 34C007	5	0	0	1	0	0
## 142	50	65228	NA 42C101	7	0	0	1	0	1
## 143	73	68418	NA 28C113	11	0	0	1	0	2
## 144	34	1816653	NA 17C201	11	0	1	1	0	1
## 145	47	1064686	NA 48C145	4	0	0	1	1	1
## 146	46	24783	NA 22C099	6	0	0	1	1	1
## 147	50	56757	NA 06C013	4	0	0	1	0	1
## 148	80	160233	NA 17C099	3	0	3	1	0	1
## 149	77	10000	NA 18C039	2	0	2	1	0	1
## 150	79	250000	NA 12C099	9	0	0	1	2	2
## 151	30	10100	NA 37C051	4	0	0	1	1	1
## 152	26	238135	NA 05C119	14	0	0	2	1	1
## 153	45	208669	NA 48C283	4	0	0	1	0	1
## 154	12	416332	NA 11C001	4	0	0	1	0	1
## 155	58	35000	NA 26C163	4	0	0	1	0	2
## 156	59	3305000	NA 37C001	17	0	0	1	0	2
## 157	77	144726	NA 06C029	30	0	0	1	0	2
## 158	69	15000	NA 12C107	2	0	3	2	0	2
## 159	66	24047	NA 22C001	21	0	0	1	1	1
## 160	69	301440	NA 36C065	4	0	0	1	0	2
## 161	48	154479	NA 17C119	14	0	0	1	0	1
## 162	58	65795	NA 06C037	3	0	1	1	0	1
## 163	12	2041199	NA 17C031	16	0	0	1	0	1
## 164	75	860655	NA 23C031	8	0	1	1	0	1
## 165	13	352617	NA 34C017	35	0	0	1	0	1
## 166	44	70374	NA 06C099	22	0	0	1	0	2
## 167	79	404592	NA 06C013	57	0	0	1	0	2
## 168	0	1264000	NA 10C003	7	0	0	1	0	1
## 169	47	2635985	NA 22C103	11	0	0	1	0	2
## 170	68	124923	NA 17C031	7	0	2	1	NA	1
## 171	55	2310942	NA 31C057	29	0	0	3	0	2
## 172	47	2349021	NA 22C081	4	0	0	1	0	1
## 173	50	150000	NA 12C011	19	0	0	1	0	1
## 174	51	450000	NA 17C031	31	0	1	1	0	3
## 175	79	8768682	NA 32C001	101	0	6	1	0	1
## 176	65	78824	NA 36C103	7	0	1	1	0	1
## 177	67	45000	NA 53C033	5	0	0	1	0	1
## 178	60	2318720	NA 26C075	17	0	0	1	0	1
## 179	79	36461	NA 28C163	3	0	1	1	0	1
## 180	45	33106	NA 06C037	10	0	0	1	0	1
## 181	8	452654	NA 34C015	385	0	0	1	0	1
## 182	41	40544	NA 06C067	16	0	3	1	0	0
## 183	83	120514	NA 06C073	5	0	1	1	0	1
## 184	61	400905	NA 26C021	15	0	0	1	0	1
## 185	60	193802	NA 12C095	36	0	1	1	1	1
## 186	0	280000	NA 17C031	5	0	0	1	0	0
## 187	75	27771	NA 28C049	5	0	0	1	0	1
## 188	62	15176	NA 48C329	24	0	4	1	0	1
## 189	40	70000	NA 48C453	3	0	1	1	0	0
## 190	15	112857	NA 42C101	11	0	0	1	0	1
## 191	52	119114	NA 06C107	5	0	0	1	0	1
## 192	47	153000	NA 48C439	7	0	1	1	0	1
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## 195	51	11333	NA 37C081	13	0	0	1	0	2
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## 198	10	249000	NA 54C083	23	0	1	1	0	1
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## 201	59	438776	NA 34C031	10	0	0	1	0	1
## 202	53	20953	NA 34C005	5	0	0	1	0	0
## 203	48	305200	NA 34C003	7	0	0	1	0	1
## 204	76	28162	NA 06C037	22	0	0	1	0	1
## 205	59	15664	NA 05C111	3	0	1	1	1	1
## 206	62	45864	NA 27C153	12	0	1	1	0	1
## 207	46	83441	NA 13C077	5	0	0	1	1	1
## 208	58	54774	NA 19C101	2	0	2	1	0	1
## 209	79	127489	NA 28C051	23	0	0	1	0	1
## 210	82	5876090	NA 36C005	82	0	4	1	0	3
## 211	47	8686769	NA 29C201	7	0	0	1	0	1
## 212	48	604575	NA 24C005	7	0	0	1	0	1
## 213	60	245000	NA 45C083	21	0	0	1	0	2
## 214	78	250000	NA 48C481	7	0	0	2	0	1
## 215	27	1200000	NA	24	0	0	1	NA	1
## 216	80	1000000	NA 09C003	7	0	0	1	0	1
## 217	73	57470	NA 12C099	7	0	1	1	0	1
## 218	77	120000	NA 06C047	6	0	0	1	0	2
## 219	79	258080	NA 22C105	9	0	0	2	0	2
## 220	60	193000	NA 18C181	16	0	0	1	0	2
## 221	79	13973	NA 48C029	6	0	0	1	0	3
## 222	46	15381	NA 17C051	1	0	4	1	0	1
## 223	60	100869	NA 17C031	4	0	0	1	NA	1
## 224	79	25434	NA 06C039	3	0	1	1	1	2
## 225	107	39312	NA 25C005	2	0	3	1	0	1
## 226	74	27454	NA 48C177	1	0	3	2	0	2
## 227	70	20000	NA 51C081	4	0	0	1	0	3
## 228	59	4329857	NA 50C023	13	0	0	1	0	1
## 229	44	62082	NA 01C073	3	0	1	2	0	2
## 230	34	7769795	NA 48C097	4	0	0	1	0	1
## 231	106	31538754	NA 42C101	241	0	8	1	0	1
## 232	58	3700000	NA 36C119	40	0	6	1	0	1
## 233	50	17361	NA 34C005	7	0	1	1	0	0
## 234	0	640165	NA 28C039	4	0	0	1	0	0
## 235	77	511019	NA 22C105	15	0	1	1	0	1
## 236	40	21421	NA 06C037	4	0	0	1	0	1
## 237	56	14154754	NA 06C111	28	0	1	2	0	1
## 238	34	271680	NA 47C009	197	0	0	1	0	1
## 239	52	39993	NA 17C197	17	0	0	1	0	2
## 240	59	34615	NA 45C055	8	0	0	2	0	2
## 241	70	2044084	NA 37C083	87	0	0	1	0	2
## 242	77	230000	NA 38C049	12	0	0	2	0	1
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## 244	46	136670	NA 13C093	3	0	1	1	1	1
## 245	79	28809	NA 06C019	2	0	2	1	0	1
## 246	28	17370	NA 12C095	7	0	0	1	0	1
## 247	39	85066	NA 41C047	12	0	0	1	0	1
## 248	67	23450	NA 28C089	3	0	3	1	0	2



## 249	42	11356	NA 01C097	4	0	0	1	0	1
## 250	60	3147355	NA 20C069	60	0	0	1	1	1
## 251	45	46056	NA 28C135	4	0	0	1	0	2
## 252	79	120638	NA 28C051	13	0	1	1	0	2
## 253	30	12810	NA 34C005	3	0	1	1	NA	NA
## 254	102	3657251	NA 42C045	123	0	2	1	0	1
## 255	79	84008	NA 06C039	4	0	3	1	0	2
## 256	74	34658	NA 08C071	3	0	5	1	2	2
## 257	70	15212	NA 12C057	7	0	0	1	0	2
## 258	64	742718	NA 12C099	23	0	0	1	0	1
## 259	57	25368	NA 48C113	4	0	0	1	0	1
## 260	73	12964	NA 17C075	4	0	1	1	0	2
## 261	79	34667	NA 06C001	5	0	0	1	0	1
## 262	40	2650471	NA 06C001	9	0	0	1	0	1
## 263	21	6012000	NA 34C017	158	0	1	1	0	1
## 264	64	61000	NA 17C197	4	0	0	2	0	2
## 265	78	25831000	NA 53C053	90	0	3	1	0	2
## 266	32	2719791	NA 53C053	16	0	0	1	0	1
## 267	54	85115	NA 45C025	22	0	0	1	0	1
## 268	29	2205216	NA 42C009	6	0	0	1	0	1
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## 270	80	74819	NA 06C029	4	0	0	1	0	2
## 271	72	28031	NA 12C105	7	0	0	2	0	2
## 272	79	41336	NA 12C097	9	0	0	1	0	2
## 273	13	512550	NA 17C031	4	0	0	1	0	1
## 274	9	24000	NA 37C173	9	0	0	1	0	1
## 275	17	90696	NA 48C201	7	0	0	1	0	1
## 276	13	963409	NA 36C061	7	0	0	1	0	1
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## 278	12	5348864	NA 36C047	113	0	0	1	NA	1
## 279	69	605000	NA 08C001	3	0	1	1	NA	NA
## 280	19	34262	NA 28C047	41	0	4	1	0	1
## 281	71	11574	NA 12C055	3	0	1	2	0	2
## 282	61	284491	NA 51C003	10	0	1	1	0	1
## 283	79	39850	NA 22C105	10	0	1	1	0	1
## 284	57	55448	NA 48C157	5	0	0	2	0	2
## 285	75	210960	NA 48C439	5	0	2	1	0	1
## 286	75	15880	NA 48C203	6	0	0	1	0	1
## 287	52	17336899	NA 45C063	133	0	2	1	0	2
## 288	63	67785	NA 26C045	5	0	0	1	0	2
## 289	5	77315	NA 13C051	4	0	0	1	0	2
## 290	39	16656	NA 13C121	1	0	3	1	0	1
## 291	78	360374	NA 17C011	8	0	1	1	0	1
## 292	79	23100	NA 42C071	5	0	0	1	0	1
## 293	90	15000	NA 34C023	3	0	1	1	0	1
## 294	62	30189	NA 34C003	4	0	0	1	0	1
## 295	73	35938	NA 12C107	5	0	0	1	1	1
## 296	70	15333	NA 48C141	4	0	0	1	0	1
## 297	60	107906	NA 48C291	22	0	0	2	0	1
## 298	77	70354	NA 28C049	9	0	1	1	0	1
## 299	110	43898	NA 26C021	4	0	0	2	0	2
## 300	70	28341	NA 06C013	2	0	3	1	0	1
## 301	35	50000	NA 06C097	3	0	1	1	NA	2
## 302	57	581267	NA 36C027	5	0	0	1	0	1

## 303	58	18075	NA	18C089	6	0	0	1	0	1
## 304	45	231000	NA	08C001	4	0	0	1	0	0
## 305	51	250000	NA	28C163	11	0	0	1	0	1
## 306	47	3745986	NA	13C163	6	0	0	1	0	1
## 307	75	4750000	NA	36C059	8	0	3	1	0	1
## 308	69	1561627	NA	17C197	7	0	1	1	1	1
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## 3	2	7	19	7	19	2	7		1L	NA
## 4	NA	NA	NA	NA	NA	1	1		3L	NA
## 5	0	5	NA	5	NA	2	7		1L	NA
## 6	0	2	22	2	22	2	5		1L	NA
## 7	0	12	NA	12	NA	1	5	W	1L	NA
## 8	0	6	31	6	31	2	3		1L	NA
## 9	0	5	32	5	32	2	6		1L	NA
## 10	1	4	15	4	15	1	1		3L	NA
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## 15	0	2	45	2	45	1	7		1	NA
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## 17	0	3	40	3	40	1	4		1	NA
## 18	2	6	6	8	55	2	2		1L	NA
## 19	0	5	57	5	57	2	3		1L	NA
## 20	1	5	10	5	10	1	1	E	3L	NA
## 21	1	3	1	3	1	2	2		3	NA
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## 23	1	5	51	1	41	1	2		1L	NA
## 24	0	6	15	6	15	1	5	W	1L	NA
## 25	1	3	6	3	16	1	3		1L	NA
## 26	NA	6	45	6	45	2	7		3L	NA
## 27	0	2	5	2	5	1	3		1L	NA
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## 1		E	192	NA	2001	0	15	1	34	
## 2		G	58	NA	2001	0	4	0	37	
## 3		E	43	NA	2001	0	2	0	0	
## 4		MO	1499	NA	2001	0	16	0	0	
## 5		E	157	NA	2001	0	11	0	14	
## 6		E	165	NA	2001	0	8	0	10	
## 7	SANANT	J	228	NA	2001	0	1	0	0	
## 8		E	157	NA	2001	0	4	0	0	

## 9		EO	183	NA	2001	0	7	0	9
## 10	HOBOKE	DEGM	182	NA	2001	0	1	0	18
## 11		E	115	NA	2001	0	0	0	3
## 12	SYSTEM	L	607	NA	2001	0	0	0	0
## 13	SYSTEM	I	1080	NA	2002	0	0	0	10
## 14		J	1499	NA	2002	0	1	0	0
## 15		A	151	NA	2002	0	2	0	0
## 16		GIJ	318	NA	2002	0	3	0	2
## 17		E	148	NA	2002	0	0	0	0
## 18		E	207	NA	2002	0	11	0	61
## 19		E	150	NA	2002	0	1	0	3
## 20	SYSTEM	FM	433	NA	2002	0	3	0	15
## 21		F	74	NA	2002	0	4	0	1
## 22		E	259	NA	2002	0	3	0	52
## 23		F	89	NA	2002	0	1	0	5
## 24	HOUSTO	E	110	NA	2002	0	0	0	0
## 25		E	157	NA	2002	0	6	0	13
## 26	SYSTEM	E	71	NA	2002	0	2	3	9
## 27		E	76	NA	2002	0	25	4	107
## 28		E	125	NA	2002	0	4	0	1
## 29		K	206	NA	2002	0	4	0	0
## 30	PAC	E	160	NA	2003	0	4	0	0
## 31	SOU	E	233	NA	2003	1	10	0	25
## 32	PAC	E	205	NA	2003	0	8	0	0
## 33	CEN	EIM	97	NA	2003	0	1	0	2
## 34	CENTRA	E	111	NA	2003	0	0	0	0
## 35	TRANSP	CFG	1498	NA	2003	0	0	0	8
## 36	AMTRAK	BCDE	274	NA	2003	0	0	0	16
## 37	SYSTEM	E	64	NA	2003	0	2	1	20
## 38	NEW HA	DE	277	NA	2003	0	5	0	0
## 39	ROCK I	E	317	NA	2003	0	3	0	51
## 40	MAD	E	172	NA	2003	0	5	0	14
## 41	TWIN C	JG	229	NA	2003	0	3	0	0
## 42	SYSTEM	DGL	205	NA	2004	0	4	0	0
## 43	CEN	EFM	176	NA	2004	0	5	0	4
## 44	COMMUT	F	189	NA	2004	0	3	0	15
## 45	SOU	E	301	NA	2004	0	11	1	33
## 46	SYSTEM	BCDG	306	NA	2004	0	2	0	27
## 47	NED	BDG	136	NA	2004	0	1	0	0
## 48	SPRING	E	191	NA	2004	0	0	0	0
## 49	ALABAM	O	114	NA	2004	2	1	0	0
## 50	SAN AN	E	255	NA	2004	1	1	0	0
## 51	NED	BCDEGH	123	NA	2004	0	3	0	1
## 52	TEXAS	E	103	NA	2004	0	2	0	0
## 53	JACKSO	E	232	NA	2004	0	1	0	0
## 54	NEWARK	N	327	NA	2004	0	4	0	0
## 55	HARLEM	DE	218	NA	2004	0	8	0	24
## 56	CEN	A	142	NA	2004	0	6	0	0
## 57	SOU	E	109	NA	2004	0	0	0	0
## 58	SAN AN	E	225	NA	2005	0	2	0	0
## 59	TWIN C	GJ	314	NA	2005	0	4	0	0
## 60	PAC	E	132	NA	2005	0	8	0	37
## 61	SOU	E	95	NA	2005	0	0	0	0
## 62	CEN	E	170	NA	2005	0	4	0	6



## 63	SOU	J	91	NA	2005	0	4	0	17
## 64	SWD	EG	193	NA	2005	0	3	0	0
## 65	SWD	E	186	NA	2005	0	8	0	27
## 66	PAC	E	166	NA	2005	0	1	0	3
## 67	SPRING	E	265	NA	2005	0	3	0	0
## 68	FLOREN	K	45	NA	2005	0	6	0	0
## 69	CHICAG	E	97	NA	2005	0	0	0	3
## 70	ROCK I	E	103	NA	2005	0	5	2	150
## 71	METRA	GH	88	NA	2005	0	0	0	0
## 72	PIEDMO	J	333	NA	2005	1	1	0	0
## 73	SYSTEM	E	379	NA	2005	0	2	8	35
## 74	RIVERL	CGE	420	NA	2005	0	0	0	3
## 75	NORTH	L	213	NA	2005	0	1	0	0
## 76	SYSTEM	I	293	NA	2005	0	2	0	5
## 77	SWD	E	111	NA	2006	0	2	0	8
## 78	SOU	E	423	NA	2006	0	1	0	2
## 79	PAC	E	128	NA	2006	0	2	0	2
## 80	SWD	EI	124	NA	2006	0	0	0	8
## 81	SOU	E	201	NA	2006	0	0	0	1
## 82	CENTRA	E	495	NA	2006	0	0	0	0
## 83	COMMUT	BE	214	NA	2006	0	0	0	10
## 84	MADV	DEI	173	NA	2006	0	2	0	5
## 85	ROSEVI	GJ	337	NA	2006	0	0	0	0
## 86	WICHIT	J	222	NA	2006	0	3	0	0
## 87	FRANKL	G	79	NA	2006	0	2	0	26
## 88	SYSTEM	GK	119	NA	2006	0	3	0	14
## 89	DENVER	G	96	NA	2006	0	2	0	0
## 90	SYSTEM	J	81	NA	2006	0	0	0	6
## 91	ALABAM	J	70	NA	2006	0	3	0	0
## 92	C&O	E	153	NA	2006	0	4	0	0
## 93	POWDER	E	55	NA	2006	0	0	0	0
## 94	KANSAS	E	188	NA	2006	0	0	0	0
## 95	CEN	GJ	121	NA	2006	0	2	0	4
## 96	SOU	GJ	129	NA	2006	0	0	0	8
## 97	TEXAS	E	188	NA	2006	0	0	0	0
## 98	ST LOU	E	134	NA	2006	0	0	0	0
## 99	HERITA	E	49	NA	2006	0	0	0	5
## 100	PAC	E	206	NA	2006	0	0	0	0
## 101	CEN	G	151	NA	2006	0	0	0	13
## 102	SYSTEM	IL	1500	NA	2007	1	2	0	0
## 103	WATERB	J	232	NA	2007	0	2	0	3
## 104	SYSTEM	AGIM	81	NA	2007	0	3	0	5
## 105	SYSTEM	ADGI	68	NA	2007	0	1	0	2
## 106	NEW HA	GIK	395	NA	2007	0	0	0	6
## 107	SYSTEM	L	239	NA	2007	0	1	0	5
## 108	NORTH	E	94	NA	2007	0	0	0	0
## 109	NORTH	E	222	NA	2007	0	1	0	0
## 110	NORTH	E	236	NA	2007	0	3	0	0
## 111	SWD	EG	161	NA	2007	0	1	0	4
## 112	PAC	E	122	NA	2007	0	0	0	0
## 113	PAC	E	119	NA	2007	0	1	0	16
## 114	DEARBO	E	207	NA	2007	0	5	0	131
## 115	SOUTHE	K	343	NA	2007	0	0	0	0
## 116	SOU	E	164	NA	2007	0	2	0	0

## 117	SOU	E	165	NA	2007	0	7	0	26
## 118	SWD	E	165	NA	2007	0	2	0	8
## 119	SOU	A	170	NA	2007	0	1	0	3
## 120	CENTRA	F	105	NA	2007	0	2	0	14
## 121	MAD	F	307	NA	2008	0	4	0	8
## 122	CEN	E	199	NA	2008	0	1	0	13
## 123	PAC	E	354	NA	2008	0	1	0	30
## 124	SOU	EI	168	NA	2008	0	8	0	30
## 125	SWD	E	202	NA	2008	0	3	0	2
## 126	SAN AN	E	230	NA	2008	0	1	0	0
## 127	SYSTEM	E	917	NA	2008	1	1	24	57
## 128	PAC	EO	162	NA	2008	0	3	0	4
## 129	NST	ADGP	527	NA	2008	0	3	0	135
## 130	SYSTEM	N	287	NA	2008	0	1	0	6
## 131	NASHVI	K	195	NA	2008	0	3	0	0
## 132	SOUTHE	O	242	NA	2008	0	1	0	0
## 133	CEN	E	195	NA	2009	0	0	0	4
## 134	CEN	E	150	NA	2009	0	1	0	9
## 135	SOU	G	185	NA	2009	0	0	0	9
## 136	GEORGI	J	205	NA	2009	0	3	0	0
## 137	SYSTEM	DGF	78	NA	2009	0	3	0	12
## 138	NEWARK	DEGM	139	NA	2009	0	1	0	9
## 139	SWD	G	221	NA	2009	0	1	0	7
## 140	SOU	E	112	NA	2009	0	0	0	5
## 141	CAMDEN	G	1201	NA	2009	0	0	0	5
## 142	SYSTEM	ACDI	51	NA	2009	0	3	0	1
## 143	SOU	EG	133	NA	2009	0	2	0	9
## 144	CHICAG	G	1059	NA	2009	0	0	0	0
## 145	FORT W	E	270	NA	2009	0	3	0	0
## 146	SOU	GIJM	197	NA	2009	0	2	0	2
## 147	PAC	E	99	NA	2009	0	0	0	3
## 148	CEN	G	161	NA	2009	0	0	0	1
## 149	CEN	G	137	NA	2009	0	2	0	0
## 150	SOU	EGIM	121	NA	2009	0	0	0	9
## 151	SOU	EIM	193	NA	2009	0	0	0	0
## 152	CEN	EFIJM	112	NA	2010	0	0	0	14
## 153	SAN AN	E	404	NA	2010	0	3	0	0
## 154	MADM	F	224	NA	2010	0	4	0	0
## 155	CEN	O	156	NA	2010	0	1	0	2
## 156	SOU	E	259	NA	2010	0	1	0	16
## 157	SWD	IM	195	NA	2010	0	1	0	29
## 158	JACKSO	E	110	NA	2010	0	2	0	0
## 159	GULF	GJ	120	NA	2010	0	6	0	15
## 160	NST	H	157	NA	2010	0	0	0	4
## 161	CEN	E	158	NA	2010	0	1	0	13
## 162	SYSTEM	E	298	NA	2010	1	0	0	3
## 163			130	NA	2011	0	1	0	15
## 164			113	NA	2011	0	2	0	6
## 165	TRANSP	G	1348	NA	2011	0	2	0	33
## 166			126	NA	2011	0	0	0	22
## 167			133	NA	2011	0	3	0	54
## 168	MAD	ABCDF	57	NA	2011	0	4	0	3
## 169	ALABAM	GJ	104	NA	2011	0	6	0	4
## 170			190	NA	2011	0	3	0	4

## 171		319	NA	2011	0	15	0	14	
## 172		276	NA	2011	0	3	0	0	
## 173		418	NA	2011	0	0	0	19	
## 174	COMMUT	CGH	348	NA	2011	0	2	0	29
## 175		123	NA	2011	1	12	4	89	
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##	OTHERKLD	OTHERINJ		COUNTY	CNTYCD	ALCOHOL	DRUG	DUMMY7	PASSTRN
## 1	0	0		ADAMS	3	0	0	NA	Y
## 2	0	0		ONONDAGA	67	0	0	NA	Y
## 3	7	0		KERN	29	NA	NA	NA	Y
## 4	0	0		NEW YORK	61	NA	NA	NA	N
## 5	0	0		TOOELE	45	0	0	NA	Y
## 6	0	0		HARRISON	203	0	0	NA	Y
## 7	0	3		DE WITT	123	NA	NA	NA	N
## 8	0	0		LONG	183	NA	NA	NA	Y
## 9	0	0		IRON	93	NA	NA	NA	Y
## 10	0	0		BERGEN	3	NA	NA	NA	Y
## 11	2	0		MERCED	47	NA	NA	NA	Y
## 12	0	5		LAKE	95	NA	NA	NA	N
## 13	0	0		FRANKLIN	47	NA	NA	NA	Y
## 14	1	999		WARD	101	0	0	NA	N
## 15	0	2		KERN	29	NA	NA	NA	N
## 16	0	0		ALAMEDA	1	NA	NA	NA	Y
## 17	3	1		MORRISON	97	NA	NA	NA	N
## 18	0	0		MONTGOMERY	31	0	0	NA	Y
## 19	0	0		POLK	105	NA	NA	NA	Y
## 20	0	0		QUEENS	81	0	0	NA	Y
## 21	0	0		BALTIMORE	5	NA	NA	NA	Y
## 22	0	0		KANE	89	0	0	NA	Y
## 23	0	0		BALTIMORE	5	NA	0	NA	Y

## 24	2	2	CHEROKEE	73	NA	NA	NA	N
## 25	0	0	JASPER	53	NA	NA	NA	Y
## 26	0	2	ORANGE	59	NA	NA	NA	Y
## 27	0	0	PUTNAM	107	0	0	NA	Y
## 28	0	1	JEFFERSON	73	NA	NA	NA	Y
## 29	0	0	HANOVER	85	NA	NA	NA	N
## 30	0	1	CONTRA COSTA	13	NA	NA	NA	Y
## 31	1	0	LIBERTY	179	NA	NA	NA	Y
## 32	0	0	SACRAMENTO	67	NA	NA	NA	N
## 33	0	1	WAYNE	223	NA	NA	NA	Y
## 34	3	1	BOONE	15	NA	NA	NA	N
## 35	0	1	HUDSON	17	0	0	NA	Y
## 36	0	0	HUDSON	17	0	0	NA	Y
## 37	1	0	LOS ANGELES	37	NA	NA	NA	Y
## 38	0	0	WESTCHESTER	119	0	0	NA	N
## 39	0	0	COOK	31	0	0	NA	Y
## 40	1	0	PRINCE WILLIAM	153	NA	NA	NA	Y
## 41	1	0	STUTSMAN	93	NA	NA	NA	N
## 42	0	0	PHILADELPHIA	101	0	1	NA	Y
## 43	0	0	WYANDOTTE	209	0	0	NA	Y
## 44	0	0	COOK	31	0	0	NA	Y
## 45	0	0	YAZOO	163	0	0	NA	Y
## 46	0	0	NEW YORK	61	0	0	NA	Y
## 47	1	3	NEW HAVEN	9	0	0	NA	N
## 48	0	6	UNION	145	NA	NA	NA	N
## 49	1	0	ST BERNARD	87	NA	NA	NA	N
## 50	2	78	BEXAR	29	1	0	NA	N
## 51	2	0	HARTFORD	3	NA	NA	NA	Y
## 52	1	1	WILBARGER	487	NA	NA	NA	N
## 53	4	0	DECATUR	87	NA	NA	NA	N
## 54	0	0	MONMOUTH	25	0	0	NA	N
## 55	0	0	WESTCHESTER	119	NA	NA	NA	Y
## 56	0	0	OTTAWA	123	NA	NA	NA	Y
## 57	3	1	NASH	127	NA	NA	NA	Y
## 58	1	1	MEDINA	325	NA	NA	NA	N
## 59	1	0	DODGE	27	NA	NA	NA	N
## 60	0	0	SKAMANIA	59	0	NA	NA	Y
## 61	4	0	TANGIPAHOA	105	NA	NA	NA	Y
## 62	0	0	MESA	77	NA	NA	NA	Y
## 63	2	0	WAKE	183	NA	NA	NA	Y
## 64	0	2	VENTURA	111	NA	NA	NA	Y
## 65	0	0	JEFFERSON	99	NA	NA	NA	Y
## 66	1	0	GRAND	19	NA	NA	NA	Y
## 67	1	0	MISSISSIPPI	93	NA	NA	NA	N
## 68	0	0	SOUTHAMPTON	175	0	0	NA	N
## 69	0	12	COOK	31	NA	NA	NA	Y
## 70	0	0	COOK	31	0	0	NA	Y
## 71	0	4	COOK	31	NA	NA	NA	Y
## 72	8	291	AIKEN	3	0	0	NA	N
## 73	0	0	LOS ANGELES	37	NA	NA	NA	Y
## 74	0	1	BURLINGTON	5	NA	NA	NA	Y
## 75	1	45	MILLER	91	0	0	NA	N
## 76	0	0	WASATCH	51	NA	NA	NA	Y
## 77	0	1	COLORADO	89	NA	NA	NA	Y

## 78	1	0	HILLSBOROUGH	57	NA	NA	NA	Y
## 79	0	0	LINCOLN	43	NA	NA	NA	Y
## 80	0	0	JEFFERSON	245	NA	NA	NA	Y
## 81	0	8	PALM BEACH	99	NA	NA	NA	Y
## 82	3	1	ST CLAIR	163	NA	NA	NA	N
## 83	0	1	COOK	31	NA	NA	NA	Y
## 84	0	0	PRINCE WILLIAM	153	NA	NA	NA	Y
## 85	2	2	PLACER	61	0	0	NA	N
## 86	1	0	CANADIAN	17	NA	NA	NA	N
## 87	0	0	NORFOLK	21	NA	NA	NA	Y
## 88	0	0	MONTGOMERY	91	0	0	NA	Y
## 89	1	1	POTTAWATOMIE	149	NA	NA	NA	N
## 90	0	1	COSTILLA	23	0	0	NA	Y
## 91	0	1	MOBILE	97	NA	NA	NA	N
## 92	0	0	BOYD	19	0	0	NA	N
## 93	0	4	GARFIELD	45	NA	NA	NA	N
## 94	3	2	POTTER	375	NA	NA	NA	N
## 95	0	0	ACADIA	1	NA	NA	NA	Y
## 96	0	0	ST CHARLES	89	NA	NA	NA	Y
## 97	0	4	MCLENNAN	309	NA	NA	NA	N
## 98	0	34	FRANKLIN	55	0	0	NA	N
## 99	0	0	COOK	31	NA	NA	NA	Y
## 100	4	0	COWLITZ	15	NA	NA	NA	Y
## 101	1	0	JACKSON	75	NA	NA	NA	Y
## 102	1	0	MCCURTAIN	89	0	0	NA	N
## 103	0	0	NEW HAVEN	9	NA	NA	NA	Y
## 104	0	1	MONTGOMERY	91	0	0	NA	Y
## 105	1	0	MONTGOMERY	91	0	0	NA	Y
## 106	0	0	MIDDLESEX	17	0	1	NA	Y
## 107	0	0	MARENGO	91	0	0	NA	Y
## 108	0	22	CROSS	37	0	0	NA	N
## 109	1	3	CRAIGHEAD	31	0	0	NA	N
## 110	1	0	SCOTTS BLUFF	157	NA	NA	NA	N
## 111	0	0	SAN BERNARDINO	71	NA	NA	NA	Y
## 112	6	0	STANISLAUS	99	NA	NA	NA	Y
## 113	0	1	SOLANO	95	NA	NA	NA	Y
## 114	0	0	COOK	31	NA	0	NA	Y
## 115	0	4	FORREST	35	NA	NA	NA	N
## 116	4	0	POLK	105	NA	NA	NA	Y
## 117	1	0	HILLSBOROUGH	57	NA	NA	NA	Y
## 118	0	0	KERN	29	NA	NA	NA	Y
## 119	0	0	CHATHAM	51	NA	NA	NA	Y
## 120	0	0	COOK	31	NA	NA	NA	Y
## 121	0	0	WASHINGTON, DC	1	0	0	NA	Y
## 122	0	0	MACOUPIN	117	NA	NA	NA	Y
## 123	0	1	KINGS	31	NA	NA	NA	Y
## 124	0	2	COPIAH	29	NA	NA	NA	Y
## 125	0	1	HARRIS	201	NA	NA	NA	Y
## 126	0	3	COMAL	91	NA	NA	NA	N
## 127	0	0	LOS ANGELES	37	0	0	NA	Y
## 128	0	0	SOLANO	95	NA	NA	NA	Y
## 129	0	0	NORFOLK	21	NA	NA	NA	Y
## 130	0	0	SAN JOAQUIN	77	0	0	NA	Y
## 131	0	1	SHELBY	157	NA	NA	NA	N

## 132	0	3	LAUDERDALE	75	0	0	NA	N
## 133	0	0	COOK	31	NA	NA	NA	Y
## 134	0	1	MACOUPIN	117	NA	NA	NA	Y
## 135	0	0	MECKLENBURG	119	NA	NA	NA	Y
## 136	0	1	MONROE	207	NA	NA	NA	Y
## 137	0	0	PHILADELPHIA	101	0	0	NA	Y
## 138	0	0	CAMDEN	7	NA	NA	NA	Y
## 139	0	1	COOKE	97	NA	NA	NA	Y
## 140	0	0	CABARRUS	25	NA	NA	NA	Y
## 141	0	0	CAMDEN	7	NA	NA	NA	Y
## 142	0	3	PHILADELPHIA	101	NA	NA	NA	Y
## 143	0	0	PIKE	113	NA	NA	NA	Y
## 144	1	11	WINNEBAGO	201	0	0	NA	N
## 145	0	1	FALLS	145	NA	NA	NA	N
## 146	0	2	ST MARTIN	99	NA	NA	NA	Y
## 147	0	1	CONTRA COSTA	13	NA	NA	NA	Y
## 148	3	2	LA SALLE	99	NA	NA	NA	Y
## 149	2	0	ELKHART	39	0	0	NA	Y
## 150	0	0	PALM BEACH	99	NA	NA	NA	Y
## 151	0	4	CUMBERLAND	51	NA	NA	NA	Y
## 152	0	0	PULASKI	119	NA	NA	NA	Y
## 153	0	1	LA SALLE	283	NA	NA	NA	N
## 154	0	0	WASHINGTON, DC	1	0	0	NA	N
## 155	0	1	WAYNE	163	NA	NA	NA	Y
## 156	0	0	ALAMANCE	1	NA	NA	NA	Y
## 157	0	0	KERN	29	NA	NA	NA	Y
## 158	3	0	PUTNAM	107	NA	NA	NA	Y
## 159	0	0	ACADIA	1	NA	NA	NA	Y
## 160	0	0	ONEIDA	65	NA	NA	NA	Y
## 161	0	0	MADISON	119	NA	NA	NA	Y
## 162	0	0	LOS ANGELES	37	NA	NA	NA	Y
## 163	0	0	COOK	31	0	0	NA	Y
## 164	1	0	YORK	31	NA	NA	NA	Y
## 165	0	0	HUDSON	17	0	0	NA	Y
## 166	0	0	STANISLAUS	99	NA	NA	NA	Y
## 167	0	0	CONTRA COSTA	13	NA	NA	NA	Y
## 168	0	0	NEW CASTLE	3	NA	NA	NA	Y
## 169	0	1	ST TAMMANY	103	NA	NA	NA	Y
## 170	2	0	COOK	31	NA	NA	NA	Y
## 171	0	0	DUNDY	57	NA	NA	NA	Y
## 172	0	1	RED RIVER	81	NA	NA	NA	N
## 173	0	0	BROWARD	11	NA	NA	NA	Y
## 174	1	0	COOK	31	NA	NA	NA	Y
## 175	1	0	CHURCHILL	1	NA	NA	NA	Y
## 176	1	1	SUFFOLK	103	NA	NA	NA	Y
## 177	0	1	KING	33	NA	NA	NA	Y
## 178	0	1	JACKSON	75	NA	NA	NA	Y
## 179	1	0	YAZOO	163	NA	NA	NA	Y
## 180	0	0	LOS ANGELES	37	NA	NA	NA	Y
## 181	0	384	GLOUCESTER	15	0	0	NA	N
## 182	3	1	SACRAMENTO	67	0	0	NA	Y
## 183	1	0	SAN DIEGO	73	NA	NA	NA	Y
## 184	0	0	BERRIEN	21	0	0	NA	Y
## 185	1	0	ORANGE	95	NA	NA	NA	Y



## 186	0	0	COOK	31	NA	NA	NA	N
## 187	0	1	HINDS	49	NA	NA	NA	Y
## 188	4	24	MIDLAND	329	NA	NA	NA	N
## 189	1	2	TRAVIS	453	NA	NA	NA	Y
## 190	0	0	PHILADELPHIA	101	0	0	NA	Y
## 191	0	1	TULARE	107	NA	NA	NA	Y
## 192	1	0	TARRANT	439	NA	NA	NA	Y
## 193	0	4	IBERVILLE	47	0	0	NA	N
## 194	0	1	KINGS	31	NA	NA	NA	Y
## 195	0	0	GUILFORD	81	NA	NA	NA	Y
## 196	0	4	SAN DIEGO	73	NA	NA	NA	Y
## 197	0	4	TARRANT	439	NA	NA	NA	N
## 198	1	0	RANDOLPH	83	NA	NA	NA	Y
## 199	0	0	FAIRFIELD	1	0	0	NA	Y
## 200	1	1	JEFFERSON	245	NA	NA	NA	N
## 201	0	1	PASSAIC	31	NA	NA	NA	Y
## 202	0	2	BURLINGTON	5	NA	NA	NA	Y
## 203	0	0	BERGEN	3	NA	NA	NA	Y
## 204	0	0	LOS ANGELES	37	0	0	NA	Y
## 205	1	0	POINSETT	111	NA	NA	NA	N
## 206	1	0	TODD	153	NA	NA	NA	Y
## 207	0	5	COWETA	77	NA	NA	NA	N
## 208	2	2	JEFFERSON	101	NA	NA	NA	N
## 209	0	0	HOLMES	51	NA	NA	NA	Y
## 210	0	0	BRONX	5	0	0	NA	Y
## 211	0	5	SCOTT	201	0	0	NA	N
## 212	0	7	BALTIMORE	5	NA	NA	NA	N
## 213	0	0	SPARTANBURG	83	NA	NA	NA	Y
## 214	0	0	WHARTON	481	NA	NA	NA	Y
## 215	0	0	SKAGWAY-HOONAH-ANGOO	NA	NA	NA	NA	Y
## 216	0	1	HARTFORD	3	NA	NA	NA	Y
## 217	1	0	PALM BEACH	99	NA	NA	NA	Y
## 218	0	1	MERCED	47	NA	NA	NA	Y
## 219	0	1	TANGIPAHOA	105	NA	NA	NA	Y
## 220	0	1	WHITE	181	NA	NA	NA	Y
## 221	0	0	BEXAR	29	NA	NA	NA	Y
## 222	4	1	FAYETTE	51	NA	NA	NA	N
## 223	0	0	COOK	31	NA	NA	NA	Y
## 224	1	0	MADERA	39	NA	NA	NA	Y
## 225	3	0	BRISTOL	5	NA	NA	NA	Y
## 226	3	0	GONZALES	177	NA	NA	NA	Y
## 227	0	1	GREENSVILLE	81	NA	NA	NA	Y
## 228	0	0	WASHINGTON	23	NA	NA	NA	Y
## 229	1	0	JEFFERSON	73	NA	NA	NA	Y
## 230	0	0	COOKE	97	0	0	NA	N
## 231	0	0	PHILADELPHIA	101	0	0	NA	Y
## 232	1	0	WESTCHESTER	119	0	0	NA	Y
## 233	1	1	BURLINGTON	5	NA	NA	NA	Y
## 234	0	0	GEORGE	39	NA	NA	NA	N
## 235	1	0	TANGIPAHOA	105	NA	NA	NA	Y
## 236	0	4	LOS ANGELES	37	NA	NA	NA	N
## 237	0	0	VENTURA	111	NA	NA	NA	Y
## 238	0	197	BLOUNT	9	0	0	NA	N
## 239	0	1	WILL	197	0	0	NA	Y

## 240	0	1	KERSHAW	55	NA	NA	NA	Y
## 241	0	1	HALIFAX	83	NA	NA	NA	Y
## 242	0	1	MCHENRY	49	NA	NA	NA	Y
## 243	0	1	LEFLORE	83	NA	NA	NA	Y
## 244	1	0	DOOLY	93	NA	NA	NA	N
## 245	2	0	FRESNO	19	NA	NA	NA	Y
## 246	0	0	ORANGE	95	NA	NA	NA	Y
## 247	0	0	MARION	47	NA	NA	NA	Y
## 248	3	0	MADISON	89	NA	NA	NA	Y
## 249	0	2	MOBILE	97	NA	NA	NA	N
## 250	0	0	GRAY	69	0	0	NA	Y
## 251	0	0	TALLAHATCHIE	135	NA	NA	NA	Y
## 252	1	0	HOLMES	51	NA	NA	NA	Y
## 253	1	1	BURLINGTON	5	0	0	NA	Y
## 254	0	0	DELAWARE	45	0	3	NA	Y
## 255	3	0	MADERA	39	NA	NA	NA	Y
## 256	5	1	LAS ANIMAS	71	NA	NA	NA	Y
## 257	0	0	HILLSBOROUGH	57	NA	NA	NA	Y
## 258	0	1	PALM BEACH	99	NA	NA	NA	Y
## 259	0	0	DALLAS	113	NA	NA	NA	Y
## 260	1	0	IROQUOIS	75	NA	NA	NA	Y
## 261	0	1	ALAMEDA	1	NA	NA	NA	Y
## 262	0	0	ALAMEDA	1	NA	NA	NA	Y
## 263	1	15	HUDSON	17	0	0	NA	Y
## 264	0	0	WILL	197	NA	NA	NA	Y
## 265	0	11	PIERCE	53	0	0	NA	Y
## 266	0	0	PIERCE	53	0	0	NA	Y
## 267	0	0	CHESTERFIELD	25	NA	NA	NA	Y
## 268	0	6	BEDFORD	9	0	0	NA	N
## 269	0	0	WESTCHESTER	119	0	0	NA	Y
## 270	0	1	KERN	29	NA	NA	NA	Y
## 271	0	0	POLK	105	NA	NA	NA	Y
## 272	0	0	OSCEOLA	97	NA	NA	NA	Y
## 273	0	0	COOK	31	NA	NA	NA	Y
## 274	0	8	SWAIN	173	0	0	NA	Y
## 275	0	7	HARRIS	201	NA	NA	NA	N
## 276	0	0	NEW YORK	61	NA	NA	NA	Y
## 277	0	0	NEW YORK	61	NA	NA	NA	Y
## 278	0	0	KINGS	47	0	0	NA	Y
## 279	1	0	ADAMS	1	0	0	NA	Y
## 280	4	41	HARRISON	47	NA	NA	NA	N
## 281	1	0	HIGHLANDS	55	NA	NA	NA	Y
## 282	1	2	ALBEMARLE	3	0	0	NA	Y
## 283	1	0	TANGIPAHOA	105	NA	NA	NA	Y
## 284	0	0	FORT BEND	157	NA	NA	NA	Y
## 285	2	0	TARRANT	439	NA	NA	NA	Y
## 286	0	0	HARRISON	203	NA	NA	NA	Y
## 287	0	0	LEXINGTON	63	0	0	NA	Y
## 288	0	3	EATON	45	NA	NA	NA	Y
## 289	0	0	CHATHAM	51	NA	NA	NA	Y
## 290	3	1	FULTON	121	NA	NA	NA	N
## 291	1	0	BUREAU	11	NA	NA	NA	Y
## 292	0	1	LANCASTER	71	NA	NA	NA	Y
## 293	1	0	MIDDLESEX	23	NA	NA	NA	Y

## 294	0	1	BERGEN	3	NA	NA	NA	Y
## 295	0	0	PUTNAM	107	NA	NA	NA	Y
## 296	0	4	EL PASO	141	NA	NA	NA	Y
## 297	0	1	LIBERTY	291	NA	NA	NA	Y
## 298	1	0	HINDS	49	NA	NA	NA	Y
## 299	0	0	BERRIEN	21	NA	NA	NA	Y
## 300	3	0	CONTRA COSTA	13	NA	NA	NA	Y
## 301	1	0	SONOMA	97	NA	NA	NA	Y
## 302	0	0	DUTCHESS	27	NA	NA	NA	Y
## 303	0	0	LAKE	89	NA	NA	NA	Y
## 304	0	1	ADAMS	1	0	0	NA	Y
## 305	0	1	YAZOO	163	NA	NA	NA	Y
## 306	0	4	JEFFERSON	163	0	0	NA	N
## 307	3	0	NASSAU	59	NA	NA	NA	Y
## 308	1	0	WILL	197	NA	NA	NA	Y
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## 307 CWR 000-000-000  
## 308 CWR



##  
 ## 1 TRAIN NO.#5 WITH ENGS 140/141 AND 16 CARS DERAILED BOTH ENGINE UNITS AND 11 CARS AT MP419.9, 2  
 ## 2 TRAIN 286 STRUCK REAR OF CSX FREIGHT EAST OF SYRACUS  
 ## 3 TRAIN 714 STRUCK A MINVAN NEAR SHAFTER  
 ## 4 AT APPROXIMATELY 8:48 AM, PATH POLICE COMMAND WAS NOTIFIED THAT A PLANE STRUCK THE WORLD TRADE  
 ## 5 TRAIN NO.#5 WITH ENGS 143/149 AND 15 CARS STRUCK UPRR COAL TRAIN CBY SR-12 WITH 31 CARS, CAUSING  
 ## 6 TRAIN NO.#21 WITH ENGS 163/151 AND 12 CARS WAS INVOLVED IN A COLLISION WITH UNION PACIFIC FREIGHT  
 ## 7 18 WHEELER PULLED ONTO TRACK FROM E-W AND STOPPED ON TOP OF MAIN LINE. TRAIN STRUCK TRAILER J  
 ## 8 TRAIN NO.#91 WITH ENGS 158/176 AND 15 CARS STRUCK A LOWBOY TRACTOR-TRAILER AT MP A542.01, COU  
 ## 9 TRAIN NO.#21 WITH ENGS 131/76 AND 19 CARS DERAILED BOTH ENGINES AND 7 CARS AT MP105. THE DERA  
 ## 10 WESTBOUND COMMUTER TRAIN CONSISTING OF ONE (1) ENGINE AND FOUR (4) COACHES DERAILED ACCOUNT G  
 ## 11 TRAIN 703 STRUCK VEHICLE EAST OF MERCED, CA. THE GATES DID NOT WORK BECAUSE THEY WERE DISABLED  
 ## 12 ON MARCH 26, 2001 NORTHBOUND TRAIN TKN 9435 PULLING THREE LOADED HAZMAT CARS STRUCK A TENNESSEE  
 ## 13 ON DECEMBER 7, 2002, WHITEWATER VALLEY RAILROAD PASSENGER EXCURSION TRAIN 25X DEPARTED CONNERS  
 ## 14 CP TRAIN 292-16 (86 LOADS, 26 EMPTIES, 12,342 EGT) INCLUDING 15 LOADS ANHYDROUS AMMONIA; 10 LO  
 ## 15 TRAIN P-CHIRIC1-03 STRUCK AN OCCUPIED SEMI-TRUCK AT A PROTECTED CROSSING. CAUSE HIGHWAY USER I  
 ## 16 TRAIN 14, WITH 3 ENGINES AND 13 CARS, DERAILED NORTH OF SAN JOSE, CA, AFTER STRIKING A FREIGHT  
 ## 17 TRAIN Z-CHCLAU9-02 WAS TRAVELING WESTBOUND AT MP 115.7 WHEN MOTORIST TRAVELING NORTHBOUND WENT  
 ## 18 TRAIN NO.#30 OPERATING WITH ENGS 154/74 AND 13 CARS DERAILED 11 CARS AT MP BA11.8. IT WAS DET  
 ## 19 TRAIN NO.#92 OPERATING WITH ENG 10 AND 12 CARS STRUCK A TRACTOR-TRAILER CARRYING A LARGE BULLDO  
 ## 20 TRAIN 6721 PULLING INTO #2 STATION JAMAICA WITH TRAIN 8017 IN FRONT ON SAME TRACK. TRAIN 8017  
 ## 21 AMTRAK TRAIN #90 STRUCK MARC COMMUTER TRAIN #437 OUTSIDE OF BALTIMORE  
 ## 22 ASUB1235: METRA SUBURBAN TRAINS 1235 AND 1270 HEAD ON COLLISION AT MP 36.75, CTC NORTH HILL Y  
 ## 23 AMTRAK TRAIN #90 STRUCK MARC TRAIN #437 AT CHARLES INTERLOCKING OUTSIDE OF BALTIMORE  
 ## 24 VEHICLE FAILED TO STOP AT CROSSING AND WAS STRUCK BY TRAIN QBLNL-29, RESULTING IN 2 INJURIES AN  
 ## 25 TRAIN NO.#97 WITH ENG 50 AND 10 CARS DERAILED THE LOCOMOTIVE WITH ALL CARS, UPRIGHT AND INLINE  
 ## 26 BNSF ENGINEER RAN SIGNAL AND COLLIDED WITH HEAD-ON METROLINK TRAIN  
 ## 27 AUTO TRAIN NO.#52 WITH ENGS 834/843 AND 40 CARS DERAILED 21 CARS AT MP  
 ## 28 TRAIN NO.#19 WITH ENGS 38/81 AND 14 CARS STRUCK AN 18-WHEEL TRACTOR-TRAILER AT MP157.20, INDUS  
 ## 29 RAIL INSPECTION EQUIPMENT, GRMS-1, OPERATING AS W00407, DERAILED TO NORTH SIDE OF TRACK CAUSING  
 ## 30 TRAIN NO.#520 OPERATING CAB CAR 8305 IN THE LEAD, 3 CARS, AND ENGINE 464 IN THE REAR, STRUCK A  
 ## 31 TRAIN NO.#91 OPERATING WITH ENG 199 AND 10 CARS STRUCK A TRUCK LOADED WITH PLYWOOD AT MP A522.  
 ## 32 EQUIPMENT FROM TRAINS 717 AND 715 WERE COUPLED TOGETHER AND SITTING IN THE AMTRAK DEPOT ON MAIN  
 ## 33 TRAIN NO.#22 OPERATING WITH LOCOMOTIVE 169 AND 8 CARS STRUCK A TRACTOR-TRAILER TRUCK AT MP1  
 ## 34 61AT8 SOUTHBOUND AT 47 MPH APPROACHING MAHRER RD CROSSING, STRUCK 1991 FORD PROBE THAT HAD STAI  
 ## 35 AT APPROXIMATELY 6:36PM A TRAIN STRUCK THE BUMPING BLOCK WHILE PLATFORMING ON TRACK 1 AT THE H  
 ## 36 EASTBOUND COMMUTER TRAIN CONSISTING OF SIX (6) ELECTRIC MOTOR UNITS AND SIX (6) ELECTRIC TRAIL  
 ## 37 VEHICLE DROVE AROUND CROSSING GATES AND WAS STRUCK BY TRAIN  
 ## 38 DUE TO POWER FAILURE IN NORTHEAST TRAIN#1342 BECAME DISABLED/DEAD EAST OF NEW ROCHELLE STATION  
 ## 39 H 699 - TRAIN FAILED TO COMPLY WITH MANDATORY SPEED REDUCTION THROUGH CROSSOVER (TRAIN WAS TR  
 ## 40 TRAIN 20 ENGINES 59/72 WITH 10 CARS STRUCK A DUMP TRUCK ON THE NS PIEDMONT DIVISION AT BRISTOW  
 ## 41 THE L TWI8401 16A STRUCK A USED OIL TRUCK AT THE CROSSING LOCATED JUST EAST OF THE SWITCH AT D  
 ## 42 PIN UP CREW, CONDUCTOR, AND ENGINEER WERE SHOVING 11 CARS MU NUMBERS: 154, 153, 126, 125, 360  
 ## 43 TRAIN NO.#4 OPERATING WITH LOCOMOTIVES 94/43/86/839 AND 28 CARS DERAILED ALL 4 LOCOMOTIVES AND  
 ## 44 LITE UNIT METX164 FROM TRAIN M608-26 STRUCK UNIT METX131 ON PASSENGER TRAIN M611-26 AT THE LAK  
 ## 45 TRAIN 58 WITH 1 ENGINE AND 9 CARS DERAILED NEAR FLORA, MS. IT WAS FOUND THAT ON 1/29/04 A 2-1/2  
 ## 46 TRAIN 183 WITH E/929 AND 6 CARS, OPERATING IN LINE 2, COLLIDED WITH THE REAR OF STOPPED LIRR T  
 ## 47 AMTRAK SHORE LINE EAST TEST EXTRA WITH ENGINE 6695 AND 3 CARS STRUCK 3 PIECES OF CONTRACTOR EQ  
 ## 48 CLIPPED REAR END OF TRACK AT CROSSING. TRUCK DRIVER CLAIMS WHEN TRAIN HIT HIS TRUCK IT KNOCKED  
 ## 49 AN20 STRUCK A LOADED FUEL TRUCK AT MP 3.7 LS. TRAILER EXPLODED ON IMPACT. 30. OPERATING METH  
 ## 50 MHOTU-23 HIT EASTBOUND MEAPTUL1-26. BNSF DAMAGE = \$622,304. UP4929 & UP4811/ EMD SD70M-02/FU  
 ## 51 TRAIN 491, WITH CONTROL CAR/9643,CAR 82524 AND ENGINE 828 STRUCK AN OCCUPIED VEHICLE AT THE WIL  
 ## 52 TRAIN C-BTMMONO-42 TRAVELING EAST STRUCK A TRACTOR TRAILER ON THE PASSENGER SIDE AT A PRIVATE C  
 ## 53 TRACTOR TRAILER STOPPED AT CROSSING. AT THE LAST MINUTE, THE TRUCK DROVE ONTO THE CROSSING. TH

## 54 CREW SHOVING 4 CARS INTO YARD FAILED TO OBSERVE ROUTE AND STRUCK EQUIPMENT ON TRACK 5. THEY TH  
 ## 55 TRAIN 638 WHILE OPERATING SOUTH ON TRACK 2 STRUCK AN EMPTY CAR CARRIER DISABLED ON GREEN LANE  
 ## 56 TRAIN NO.#48 OPERATING WITH LOCOMOTIVES 155/135 AND 15 CARS REPORTED IN EMERGENCY AT MP251 AS A  
 ## 57 TRAIN 97 WITH ENGINE 84 AND 10 CARS STRUCK AN AUTO AT TRAINING SCHOOL ROAD, 4 MILES NORTH OF R  
 ## 58 ZYCMX-13, LEAD UNIT UP9690, COLLIDED WITH A TRACTOR/TRAILER PULLING A LOADED WATER TANK. TRAI  
 ## 59 OC7SC-29 STRUCK A UP TRACTOR/TRAILER RIG AFTER DRIVER STOPPED AND PROCEEDED. CSXT 713-GM-SD70  
 ## 60 TRAIN NO.#27 OPERATING WEST WITH LOCOMOTIVE 163 AND 4 CARS DERAILED THE ENTIRE CONSIST CAUSING  
 ## 61 TRAIN 58 ENGINE 148-124 WITH 9 CARS OPERATING NORTH , STRUCK A PICK-UP TRUCK AT TANGIPAHO.  
 ## 62 TRAIN NO.#5 OPERATING WITH LOCOMOTIVES 99/31/195 AND 9 CARS STRUCK A BOULDER, CAUSING THE DERA  
 ## 63 TRAIN 80 STRUCK A DUMP TRUCK AT A CROSSING, DERAILING THE ENGINE & 4 CARS NEAR RALEIGH  
 ## 64 TRAIN NO.#796 OPERATING WITH CAB CAR 6952, 4 CARS AND ENGINE 452 TRAILING STRUCK A DUMP TRUCK C  
 ## 65 TRAIN NO.#21 OPERATING WITH LOCOMOTIVE 54 AND 6 CARS STRUCK A BOULDER AT MP48.7, AS A RESULT OF  
 ## 66 TRAIN NO.#6 OPERATING WITH ENGINES 97/7 AND 11 CARS STRUCK A TRACTOR-TRAILER TRUCK AT MP508.36  
 ## 67 TRAIN S-MEMTAC1-09 REPORTED STRIKING A DUMP TRUCK AT COUNTY ROAD 80 CROSSING WITH CROSSBUCK.  
 ## 68 K96021 HAD A HEAD ON COLLISION WITH K95  
 ## 69 METRA TRAIN NCS#107 STRUCK A NUMBER OF CARS THAT WERE STOPPED ON THE HIGHWAY/RAIL GRADE CRO  
 ## 70 TRAIN FAILED TO COMPLY WITH MANDATORY SPEED REDUCTION THROUGH A CROSSOVER, CAUSING THE TRAIN TO  
 ## 71 VEHICLE WENT AROUND CROSSING GATES AND WAS STRUCK BY A SOUTHWARD TRAIN IN SOUTH CH  
 ## 72 TRAIN 192P005 MOVING NORTH ON MAIN TRACK ENTERED OPEN SWITCH INTO AVONDALE MILLS INDUSTRY CONT  
 ## 73 TRAIN 100 STRUCK A JEEP AT A NON-GRADE CROSSING LOCATION, WHICH CAUSED THE TRAIN TO DERAIL AND  
 ## 74 TRAIN #309 3501 (SOUTH END) 3519 (NORTH END) WAS TRAVELING SOUTHBOUND THROUGH MANOR RD. GRADE C  
 ## 75 ZYCLD-13 REAR-ENDED MPBHG-15. DERAILED CARS DAMAGED STANDING CARS ON ADJACENT TRACK, AND FIRE  
 ## 76 CAR WAS SET OUT AND COUPLED TO ANOTHER CAR. JOINT WAS NOT PROPERLY MADE. HANDBRAKE WAS NOT S  
 ## 77 TRAIN NO.#2 OPERATING WITH LOCOMOTIVES 40/120 AND 6 CARS STRUCK A GRAVEL TRUCK AT MP86.35, A C  
 ## 78 TRAIN 91 WITH ENGINES 158 AND 22 AND 9 CARS STRUCK A TRACTOR TRAILER AT A GRADE CROSSING. THE  
 ## 79 TRAIN NO.#28 OPERATING WITH LOCOMOTIVE 156 AND 4 CARS DERAILED THE ENTIRE TRAIN, UPRIGHT, AT M  
 ## 80 TRAIN NO.#2 OPERATING WITH LOCOMOTIVES E/179-4 AND 7 CARS DERAILED C/35005 AND C/34100 AT MP27  
 ## 81 TRAIN NO.#92 STRUCK THE TRAILER PORTION OF A TRACTOR-TRAILER THAT FAILED TO CLEAR THE CROSSING  
 ## 82 TRAIN C71391-20 WAS TRAVELING NORTHBOUND AT APPROX. 55 MPH WHEN THEY APPROACHED THE MAIN STREET  
 ## 83 TRACTOR TRAILER RIG STOPPED ON THE KILBOURN AVENUE CROSSING AS GATES CAME DOWN AND WAS STRUCK I  
 ## 84 VRE 304 COMMUTER TRAIN, OPERATING WITH CAB CAR 701 IN THE LEAD, 5 CARS, AND ENGINE VO4 IN THE  
 ## 85 OPERATOR ON HARSCO TRACK TECHNOLOGIES'' WORK TRAIN WITH RAIL GRINDERS DIDN''T CONTROL SPEED AND I  
 ## 86 A DUMP TRUCK FAILED TO YEILD AND WAS STRUCK BY UP1977 ON RCJKC-07. 3 UP EMPLOYEES WERE SERIOUS  
 ## 87 LOW TRUCK WITH EXCAVATOR ON IT BECAME STUCK ON CROSSING AND WAS STRUCK BY  
 ## 88 SEPTA TRAIN #1134 OPERATING NORTHWARD, STANDING ON SINGLE TRACK WAS STRUCK BY SEPTA TRAIN #114  
 ## 89 CTWWE-02, WITH LEAD UNIT UP8087, STRUCK A STOPPED SANITATION TRUCK FOULING THE PRIVATE CRO  
 ## 90 SEMI TRUCK AND TRAILER LOADED WITH POTATOES FAILED TO STOP FOR APPROACHING  
 ## 91 A89 TRAVELING SOUTHBOUND AT MP 128.2MB AND STRUCK LOADED TANKER  
 ## 92 V30723 (LIGHT ENGINES) STRUCK N65721 (LIGHT ENGINES) ON THE MAINLINE ACCOUNT DISPATCHER FAILED  
 ## 93 X FRSCY1 22 TRAIN STRUCK A FIRE TRUCK ON THE CRO  
 ## 94 Z ALTRIC1 30 TRAVELING WEST ON MAIN 1 APPROACHING HANEY, TEXAS STRUCK A VEHICLE ON THE MAIN TR  
 ## 95 TRAIN NO.#2 OPERATING WITH LOCOMOTIVES 42/11 AND 7 CARS STRUCK A TRACTOR-TRAILER TRUCK AT MP1  
 ## 96 TRAIN NO.#1 OPERATING WITH 2 LOCOMOTIVES AND 6 CARS STRUCK AN 18-WHEELER, TRACTOR-TRAILER TRUCK  
 ## 97 H TPLTUL1 19A TRAIN, HEADING NORTH WHEN 24 CARS DERAILED. CARS PILED UP AND DID DAMAGE TO A G  
 ## 98 MHOYC-02 WAS NORTHBOUND WHEN CREW FELT ROUGH TRACK AND THEN WENT INTO EMERGENCY. TWO UNITS AN  
 ## 99 TRAIN STRUCK TRUCK TRAILER ON A PRIVATE CRO  
 ## 100 TRAIN NO.#507 OPERATING WITH LOCOMOTIVE 465 AND 12 CARS STRUCK AN AUTOMOBILE AT MP83.80, DWIGH  
 ## 101 TRAIN NO.#350 OPERATING WITH CAB CAR 90218 IN THE LEAD, 4 CARS AND LOCOMOTIVE UNIT #35 IN THE  
 ## 102 ON OCTOBER 18, 2007 THE WEST DAY LOCAL WENT ON DUTY AT 6:00 AM IN DE QUEEN, AR AT MILE POST 50  
 ## 103 SWITCH TO SOUTH END OF BALLEST TRACK ON THE WATERBURY MAIN (MBS TERRITORY) AT MP .06 WAS LINED  
 ## 104 TRAIN 4232 STRUCK A TRACTOR TRAILER ATTEMPTING TO MANEUVER AROUND CROSSING C  
 ## 105 AUTO RAN CROSSING AT COUNTY LINE ROAD AND WAS STRUCK, DRIVER K  
 ## 106 H499\nTRAIN DISPATCHER MISTAKENLY REMOVED BLOCKING DEVICE AND AUTHORIZED BY SIGNAL ONTO AN OUT  
 ## 107 TRESTLE COLLAPSED UNDER TRAIN CAUSING BOTH ENGINES AND SLEEPER OUTFIT CAR TO ROLL ON THEIR SIDE

## 108 MPSSF-23 DERAILED 16 CARS DUE TO A BROKEN WHEEL. FOURTEEN CARS WERE DESTROYED. RAIL WAS  
 ## 109 ZYCHOB-20, WITH LEAD UNIT UP2453, STRUCK A PICKUP FAILING TO YIELD AT SH 226 CROSSING INJURING  
 ## 110 CREW OF THE CJROM-27 MOVING THE UP6635 TO THE FUELING AREA STRUCK A RAIL CREW EXPRESS VAN (LIM  
 ## 111 TRAIN NO.#2 OPERATING WITH LOCOMOTIVES E/43-87 AND 8 CARS DERAILED THE 2ND LOCOMOTIVE AND ALL  
 ## 112 TRAIN NO.#713 OPERATING WITH LOCOMOTIVE 2011 AND 4 CARS STRUCK A SPORT UTILITY VEHICLE AT MP109  
 ## 113 TRAIN NO.#541 OPERATING WITH LOCOMOTIVE E/2001 AND 5 CARS, STRUCK A GRAVEL TRUCK AT MP40.10,  
 ## 114 TRAIN NO.#371 OPERATING WITH LOCOMOTIVE E/8 AND 3 CARS STRUCK THE REAR OF NORFOLK SOUTHERN FRE  
 ## 115 TRAVELING WHEN IN CURVE, ENGINEER LOOKED BACK AT TRAIN AND SAW CARS DERAILED. CARS HAD DERAILED  
 ## 116 TRAIN 92 WITH ENGINES 63 AND 23 AND 9 CARS STRUCK A VEHICLE THAT DROVE AROUND THE LOWERED GATES  
 ## 117 TRAIN NO.#92 OPERATING WITH LOCOMOTIVES E/191-E/91 AND 9 CARS STRUCK A FLAT BED TRUCK HAULING  
 ## 118 TRAIN NO.#715 STRUCK A WATER TANKER TRUCK/TRAILER AT MP904.4, BEECH ST CROSSING, CAUSING THE L  
 ## 119 TRAIN NO.#98 OPERATING WITH LOCOMOTIVES E/202-E/94 AND 9 CARS STRUCK THE TRAILER PORTION OF A  
 ## 120 A STOPPED METRA TRAIN WAS STRUCK HEAD ON BY AN UNATTENDED CN/IC LIGHT ENGINE CONSIST (UP6522 A  
 ## 121 TRAIN 98 EQUIPMENT, CONSISTING OF 10 CARS, WAS OCCUPYING TRACK 25 AT WASHINGTON TERMINAL. EN  
 ## 122 TRAIN 301 OPERATING WITH LOCOMOTIVE E/173 AND 4 CARS STRUCK A TRACTOR-TRAILER TRUCK AFTER IT  
 ## 123 TRAIN 717 OPERATING WITH LOCOMOTIVE E/148 AND 4 CARS WAS STRUCK BY A FLAT BED TRUCK WITH A LOA  
 ## 124 TRAIN 59 OPERATING WITH LOCOMOTIVE E/7 AND 6 CARS STRUCK A GARBAGE DISPOSAL TRUCK AT MP751.20,  
 ## 125 TRAIN 1 OPERATING WITH LOCOMOTIVES E/157 IN THE LEAD, 6 CARS, AND LOCOMOTIVE E/36 IN THE REAR  
 ## 126 AMXASB-13 WITH LEAD UNIT UP9657, WAS NORTHBOUND ON AUSTIN'S NO. 1 MAIN TRACK WHEN A TRACTOR TRA  
 ## 127 TRAIN 111 RAN A RED SIGNAL AND COLLIDED HEAD-ON WITH A UPRR FREIGHT. THE NUMBER OF FATALITIES  
 ## 128 TRAIN 736 OPERATING WITH CAB C/8306, 3 CARS AND LOCOMOTIVE E/2013 IN THE REAR WAS STRUCK BY A  
 ## 129 RUNAWAY FREIGHT CAR STRUCK TRAIN 917\NAN MBCR PRELIMINARY INVESTIGATION REPORT WAS BEGUN IN APR  
 ## 130 AT 5:40PM ACE #4 OPERATING NORTH IN PUSH MODE WITH ENGINE ACEX 31 STRUCK THE BUMPING POST PROTI  
 ## 131 TRACTOR TRAILER PULLED OVER CROSSING AND WAS STRUCK BY Q26922 CAUSING DERAILEMENT AND INJURIES  
 ## 132 HIGH-RAIL VEHICLE SLID ON RAIL INTO CROSSING AND WAS STRUCK ON PASSENGER SIDE. EMPLOYEE DRIVIN  
 ## 133 TRAIN #3, WHILE DEPARTING FROM CHICAGO, DERAILED CAR 33019 AND 34034 AT CROSS OVER SWITCH. UPON  
 ## 134 TRAIN 302 OPERATING WITH LOCOMOTIVE E/32 AND 4 CARS, STRUCK A GARBAGE TRUCK AT MP 221.90, CISC  
 ## 135 TRAIN 74 OPERATING WITH LOCOMOTIVE NC/1755 AND 5 CARS STRUCK A TRACTOR-TRAILER TRUCK AT MP370.  
 ## 136 GO2G811 TRAVELING NORTH ON MAINLINE WITH 2 UNITS, 31 LOADS, 1 EMPTY AND 305 TONS, STRUCK VEHIC  
 ## 137 REAR-ENDED BY BABY WIRE TRAIN. CREW NOT TESTED. #13 NEWTOWN JCT INTERL  
 ## 138 TRAIN #4687 STRUCK AN UNOCCUPIED BUS DISABLED ON THE PARK AVE GRADE CROSSING LOCATED AT MP 2.1  
 ## 139 TRAIN 821 OPERATING WITH LOCOMOTIVE E/171 IN THE LEAD, 4 CARS, AND LOCOMOTIVE E/194 IN THE REAR  
 ## 140 TRAIN 73 OPERATING WITH ENGINE NC/1755 AND 4 CARS STRUCK A TRACTOR-TRAILER AT MP 361.50, PHARI  
 ## 141 ON MONDAY, DECEMBER 21,2009 AT APPROXIMATELY 0921 HOURS, TRAIN #229, LRV 3510, REPORTED STRIKIN  
 ## 142 SMOKING TRAIN, ENGULFED IN FLAMES, CREW NOT TI  
 ## 143 TRAIN 59 WITH ENGINE 115 AND 5 CARS REPORTED STRIKING A TREE AT MCCOMB SUBDIVISION, DERAILING  
 ## 144 U70691-18 WAS EASTBOUND AT 37 MPH ON SINGLE MAIN TRACK WITH 2 LOCOMOTIVES, 78 LOADS AND 36 EM  
 ## 145 GSBEAB-04, WITH LEAD UNITUP6469, STRUCK A TRACTOR TRAILER RIG AT COUNTY ROAD 301. UP6469 STRUC  
 ## 146 TRAIN 2 OPERATING WITH LOCOMOTIVES E/181-E58 AND 7 CARS STRUCK A TRACTOR-TRAILER TRUCK AT MP13  
 ## 147 TRAIN 751 OPERATING WITH LOCOMOTIVE 2011 AND 5 CARS STRUCK A VEHICLE AT MP13.75 ON UP SUBDIV  
 ## 148 TRAIN 5 OPERATING WITH LOCOMOTIVES E/205-E/150 AND 9 CARS STRUCK AN AUTOMOBILE AT MP61.99, EAST  
 ## 149 TRAIN 30 OPERATING WITH LOCOMOTIVES E/169-E/122 AND 9 CARS STRUCK A FLATBED TOW TRUCK AT MP411  
 ## 150 TRAIN # 97 OPERATING WITH LOCOMOTIVES E/60-E/50 AND 12 CARS STRUCK A PICK-UP TRUCK AT MP945.03  
 ## 151 AUTO TRAIN # 53 OPERATING WITH LOCOMOTIVES E/116-E/13-E/17 AND 44 CARS STRUCK A VEHICLE STUCK  
 ## 152 TRAIN 21 OPERATING WITH LOCOMOTIVES 193 - 142 AND 7 CARS DERAILED 5TH AND 6TH CAR ON THE UPRR  
 ## 153 QMXAS-18, WITH LEAD UNIT UP7912, STRUCK A TRACTOR TRAILER RIG THAT WAS DRIVING ALONG SIDE OF TI  
 ## 154 MACZ YARD CREW WS3A WITH ENGINE 4910 WAS SHOVING 7 CARS IN WASHINGTON, DC AND MOVED PAST A STOP  
 ## 155 TRAIN 353 OPERATING WITH LOCOMOTIVE E/28 AND 7 CARS STRUCK A FIRE TRUCK PARKED FOULING MAIN TRA  
 ## 156 TRAIN 73 OPERATING WITH LOCOMOTIVE UNIT RNCX1792 AND 3 CARS, STRUCK A LOW-BOY TRAILER CARRYING  
 ## 157 TRAIN 714, OPERATING WITH CAB CAR C/8302 IN THE LEAD, 4 CARS AND LOCOMOTIVE E/56 IN THE REAR,  
 ## 158 TRAIN 98 OPERATING WITH LOCOMOTIVES E/4-E/73 AND 10 CARS STRUCK AN AUTOMOBILE AT MP713.70, A PI  
 ## 159 TRAIN 2 OPERATING WITH LOCOMOTIVES E/821-E/195 AND 7 CARS STRUCK A TRACTOR-TRAILER TRUCK AT MP  
 ## 160 TRAIN 63 ENGINE 173 AND 5 CARS STRUCK THE RAIL THREADER ON CSX WORK TRAIN 0035-16 CAUSING EXT  
 ## 161 TRAIN 306 OPERATING WITH LOCOMOTIVES E/145-E/21 AND 5 CARS DERAILED LOCOMOTIVE E/21 AND ALL 5 C

## 162 TRAIN 354 STRUCK A UPRR MAINTENANCE-OF-WAY TRUCK AT TEMPLE AVENUE. NOTE: QUES. 46 UPDATED 5/2/11  
 ## 163 AMTRACK 391-1-03 PASSED SIGNAL IN STOP POSITION WITHOUT AUTHORITY AND STRUCK BNSF/METRA A-1247  
 ## 164 TRAIN 681 OPERATING WITH LOCOMOTIVE E/121 AND 5 CARS STRUCK A TRACTOR-TRAILER TRUCK AT MP 234.5  
 ## 165 AT APPROXIMATELY 0832 HOURS ON MAY 8, 2011, THE 0820 33RD STREET TO JOURNAL SQUARE VIA HOBOKEN  
 ## 166 TRAIN 713 OPERATING WITH LOCOMOTIVE E/77 AND 4 CARS STRUCK A TRACTOR-TRAILER HAULING TOMATOES  
 ## 167 TRAIN 718 OPERATING WITH CAB CAR 8305, 3CARS, AND LOCOMOTIVE E/162 TRAILING STRUCK A TRACTOR-TRAILER  
 ## 168 TRAIN 92 REPORTED A SMOKE CONDITION IN CAB OF ENGINE  
 ## 169 TRAIN 20 STRUCK A TRACTOR-TRAILER TRUCK AT CROSSING CAUSING LOCOMOTIVES E/187-E/80 AND 3 CARS  
 ## 170 VEHICLE DELIBERATELY DISREGARDED AND DROVE THROUGH THE ACTIVATED GRADE CROSSING WARNING MECHANISM  
 ## 171 TRAIN 6 WITH ENGINES 174 AND 100 AND 10 CARS STRUCK A DEMOLITION CRANE WHICH WAS FOULING THE TRACK  
 ## 172 MFWLI-26, WITH LEAD UNIT UP8242, WHILE TRAVELING ON SINGLE MAIN LINE STRUCK A TRACTOR TRAILER  
 ## 173 OPERATOR OF HIGHWAY VEHICLE TURNED SOUTH ONTO ML2, MISTAKING THE TRACKS AS THE I-95 ON RAMP, AND  
 ## 174 COMMUTER TRAIN M636-13, STRUCK A TRUCK LOADED WITH BROKEN CONCRETE AND DERAILED ALL WHEELS ON TRACK  
 ## 175 TRAIN 5 OPERATING WITH LOCOMOTIVES E/43-E/177 AND 10 CARS WAS STRUCK BY A SEMI TRACTOR-TRAILER  
 ## 176 TRAIN 2013 STRUCK A TRUCK THAT WENT AROUND LOWERED GATES AT EXECUTIVE DRIVE RESULTING IN DAMAGE  
 ## 177 TRAIN 509 OPERATING WITH CAB CAR C/90253 IN THE LEAD, 13 CARS AND LOCOMOTIVE E/190 IN THE REAR  
 ## 178 TRAIN 351 OPERATING WITH LOCOMOTIVE E/128, 5 CARS, AND LOCOMOTIVE E/31 IN THE REAR STRUCK A TRACTOR-TRAILER  
 ## 179 TRAIN 59 OPERATING WITH LOCOMOTIVE E/94 AND 7 CARS STRUCK A PICK-UP TRUCK AT MP172.30, GRAND AVENUE  
 ## 180 TRUCK-TRAILER BECAME HIGH-CENTERED ON PRIVATE CROSSING AND WAS STRUCK BY TRAIN 271. INJURIES TO  
 ## 181 THE FC42 WAS PULLING SOUTH WITH 68 LOADS, 14 EMPTIES, 9,321 TONS AND 4,916 FEET WHEN ECUX881493  
 ## 182 VEHICLE TRAVELED INTO THE OPPOSITE LANE OF TRAFFIC AND AROUND THE LOWERED CROSSING GATE INTO THE  
 ## 183 AMTRAK TRAIN 774 OPERATING WITH LOCOMOTIVE E/456 AND 6 CARS STRUCK A TOW-TRUCK AT MP 239.86, CROSSING  
 ## 184 TRAIN 350 OPERATING WITH LOCOMOTIVE E/31 IN THE LEAD, 4 CARS, AND LOCOMOTIVE E/28 IN THE REAR  
 ## 185 TRAIN 91 OPERATING WITH LOCOMOTIVES E/60-E/144 AND 10 CARS STRUCK A DUMP TRUCK AT MP 795.87, GATE  
 ## 186 LOCOMOTIVES E/71-E/108 WERE REPORTED WITH HEAVY SMOKE AT THE SOUTH END OF THE PORTAL IN THE S&W  
 ## 187 TRAIN 59 OPERATING WITH LOCOMOTIVE E/54 AND 7 CARS STRUCK THE REAR PORTION OF A TRACTOR-TRAILER  
 ## 188 ZLCAI-14, WITH LEAD UNIT UP7877, STRUCK THE REAR OF A TRAILER THAT WAS BEING PULLED BY A SEMI TRUCK  
 ## 189 HIGHWAY USER FAILED TO STOP AT PRIVATE GRADE CROSSING AND WAS STRUCK BY TRAIN. ONE PASSENGER WAS  
 ## 190 DERAILED AT BROAD INTERLOCKING, ENGINEER TESTED. CAUSE UNDER INVESTIGATION  
 ## 191 TRAIN 713 OPERATING WITH LOCOMOTIVE E/2005 AND 5 CARS STRUCK A SEMI-TRACTOR TRAILER AT MP934.23  
 ## 192 TRAIN 21 OPERATING WITH LOCOMOTIVE E/69 AND 7 CARS STRUCK A COMMERCIAL TRACTOR-TRAILER TRUCK AT  
 ## 193 R97471-19 WAS IN THE PROCESS OF NORMAL SWITCHING OPERATIONS BETWEEN TAMINCO STORAGE YARD AND E  
 ## 194 TRAIN 712 OPERATING WITH CAB CAR C/8311 IN THE LEAD, 3 CARS AND LOCOMOTIVE E/94 TRAILING, WAS  
 ## 195 TRAIN 74 OPERATING WITH LOCOMOTIVE E/1893 AND 4 CARS STRUCK A TRACTOR-TRAILER TRUCK AT MP294.5  
 ## 196 TRACTOR TRAILER STOPPED ON TRACKS, REPORTEDLY BLOCKED BY TRAFFIC AHEAD. TRAIN STRUCK REAR OF TRUCK  
 ## 197 X-BNTENI9-27 DAMAGED LOCOMOTIVE, SIGNAL EQUIPMENT, AND TRACK WHEN IT STRUCK A PICKUP TRUCK AT  
 ## 198 HIGHWAY USER STRUCK PASSENGER TRAIN WITH LOADED LOG TRUCK. THE HIGHWAY USER WAS KILLED; ONE RAILROAD  
 ## 199 TRAIN #1548, WHILE TRAVELING EAST ON TRACK #4 TOWARDS BRIDGEPORT STATION, DERAILED AT MP 53.3  
 ## 200 EDYLIM-19, WITH LEAD UNIT UP8232, WHILE CONDUCTING A POWER MOVE, STRUCK A TRACTOR TRAILER RIG  
 ## 201 TRAIN #1006 STRUCK THE TRAILER OF AN UNOCCUPIED TRACTOR TRAILER CARRYING PAINTMATERIALS AT MAIN  
 ## 202 AT 8:05 AM THE OPERATOR OF TRAIN #221 LRV 3506 MADE AN EMERGENCY NOTIFICATION TO THE CONTROL CENTER  
 ## 203 TRAIN #1255 STRUCK A DISABLED TRACTOR TRAILER AT HOBART PLACE CROSSING CAUSING DAMAGE TO LOCOMOTIVE  
 ## 204 DUMP TRUCK BECAME STUCK BY CROSSING GATES, BACKED-UP, THEN PROCEEDED FORWARD AND WAS STRUCK BY  
 ## 205 MJBPB-26, WITH LEAD UNIT CSXT 8199, STRUCK A TRACTOR PULLING A TRAILER, DRIVER FAILED TO STOP AT  
 ## 206 TRAIN 8 OPERATING WITH LOCOMOTIVES E/90-E/468-E/206 AND 11 CARS STRUCK AN OCCUPIED TRACTOR-TRAILER  
 ## 207 Q60007 STRUCK A TRACTOR TRAILER THAT WAS STALLED ON CROSSING RESULTING IN INJURIES TO THE FIVE  
 ## 208 A MINI VAN OCCUPIED WITH 1 ADULT AND 3 CHILDREN WENT AROUND THE CROSSING GATE AND WAS STRUCK BY  
 ## 209 TRAIN 59 OPERATING WITH LOCOMOTIVE E/824-E/68 AND 7 CARS STRUCK A TRACTOR-TRAILER LOADED WITH C  
 ## 210 WHILE OPERATING TRAIN 8808, ENGINEER FAILED TO ADHERE TO LIMITATIONS CONCERNING TRAIN SPEED WHILE  
 ## 211 THE 2ASMAR-25 PASSED SIGNAL DISPLAYING STOP AT MP131, COLLIDING WITH A BNSF TRAIN. THE COLLISION  
 ## 212 Q40927 STRUCK A DUMP TRUCK THAT FAILED TO STOP AT THE CROSSING AND DROVE INTO THE PATH OF THE TRAIN  
 ## 213 TRAIN 20 OPERATING WITH LOCOMOTIVES E/160-E/92 AND 9 CARS DERAILED 8 OF THE 9 CARS AS A RESULT  
 ## 214 TRAIN 2 OPERATING WITH LOCOMOTIVES E/120-E/170 AND 9 CARS STRUCK A PIECE OF FARM EQUIPMENT (FELDER  
 ## 215 TRAIN #23 WAS TRAVELLING NORTHBOUND WHEN IT CROSSED THE SOUTH SWITCH AT WHITE PASS. THE CONDUCTOR

## 216 TRAIN 490 OPERATING WITH CAB CAR 9639 IN THE LEAD, 1 CAR, AND LOCOMOTIVE E/107 TRAILING STRUCK  
 ## 217 OPERATOR OF HIGHWAY VEHICLE DROVE THROUGH THE LOWERED CROSSING GATE INTO THE PATH OF THE TRAIN  
 ## 218 TRAIN 718 OPERATING WITH CAB CAR 90225 IN THE LEAD, 6 CARS AND LOCOMOTIVE E/2002 IN THE REAR  
 ## 219 TRAIN 59 OPERATING WITH LOCOMOTIVE E/809 AND 7 CARS STRUCK THE CAB OF AN 18 WHEELER TRACTOR-T  
 ## 220 TRAIN 851 OPERATING WITH LOCOMOTIVE E/154 AND 3 CARS STRUCK AN OCCUPIED TRACTOR-TRAILER TRUCK  
 ## 221 TRAIN 22 OPERATING WITH LOCOMOTIVE E/131 AND 7 CARS STRUCK A TRACTOR-TRAILER AT MP 249.80, EIS  
 ## 222 Q33230 TRAVELING EAST STRUCK AN OCCUPIED VEHICLE AT SIXTH STREET. VEHICLE DID NOT STOP AND WENT  
 ## 223 A SEMI TRUCK TRAILER DISCONNECTED FROM A SEMI TRUCK WHILE CROSSING OVER TOUHY AVENUE. AS A RES  
 ## 224 TRAIN 701 OPERATING WITH LOCOMOTIVE E/155 AND 5 CARS WAS STRUCK BY AN OCCUPIED SUV AT MP1015.1  
 ## 225 TRAIN 132 STRUCK AN OCCUPIED SUV THAT WAS HIGH-CENTERED ON THE TRACKS CAUSING LEAD ENGINE UNIT  
 ## 226 TRAIN 1 OPERATING WITH LOCOMOTIVES E/161-E/153 AND 6 CARS STRUCK AN OCCUPIED PICK-UP TRUCK AT  
 ## 227 TRAIN 80 OPERATING WITH LOCOMOTIVE E/135 AND 7 CARS STRUCK AN OCCUPIED TRACTOR-TRAILER TRUCK AT  
 ## 228 TRAIN 55 OPERATING WITH LOCOMOTIVE E/102 AND 5 CARS DERAILED THE LOCOMOTIVE E/102 AND 4 COACH  
 ## 229 TRAIN 20 OPERATING WITH LOCOMOTIVES E/99-E/79 AND 9 CARS STRUCK AN OCCUPIED DUMP TRUCK AT MP 1  
 ## 230 Z-WSPALT8-06 DERAILED 4 LOCOMOTIVES AND 10 RAILCARS WHILE TRAVERSING SINGLE MAIN TRACK DUE TO  
 ## 231 TRAIN 188 WITH LOCOMOTIVE E/601 AND 7 CARS DERAILED AT MP 81.7 WHILE OPERATING EAST ON # 2 TRA  
 ## 232 TRAIN 659, WHILE TRAVELING NORTHBOUND ON TRACK 2, STRUCK A VEHICLE THAT HAD STOPPED ON THE GRA  
 ## 233 TRAIN 284 LRV 3503 WAS TRAVELING NORTH ON THE SINGLE TRACK WHEN THE TRAIN STRUCK AN AUTOMOBILE  
 ## 234 CREW WAS PERFORMING BRIDGE REPAIRS WHEN A 60-TON LOCOMOTIVE CRAN WAS ATTEMPTING TO PLACE A 26''  
 ## 235 TRAIN 59 OPERATING WITH LOCOMOTIVE E/823 AND 7 CARS STRUCK AN OCCUPIED FLATBED TRUCK AT MP 842  
 ## 236 THE KLBG3-01 WAS PROCEEDING EASTWARD, BLOWING THEIR HORN AND WHISTLE FOR THE FAIRWAY AVE. CROSS  
 ## 237 TRAIN 102 STRUCK AN ABANDONED VEHICLE AT A NON-GRADE LOCATION, APPROX. 80 FEET FROM THE NORTH  
 ## 238 S54101 DERAILED DUE TO JOURNAL (ROLLER BEARING) FAILURE FROM OVERHEATING. CAR CAME TO REST AT  
 ## 239 TRAIN 22 OPERATING WITH LOCOMOTIVE E/66 AND 8 CARS STRUCK AN OCCUPIED TRACTOR-TRAILER TRUCK AT  
 ## 240 TRAIN 92 STRUCK AN OCCUPIED LOG TRUCK AT MP 312.18, ROBERT REYNOLDS RD CROSSING. AMTRAKS EQUIP  
 ## 241 TRAIN 80 OPERATING WITH LOCOMOTIVE E/185 AND 7 CARS STRUCK AN OCCUPIED TRACTOR-TRAILER HAULING  
 ## 242 TRAIN 7 OPERATING WITH LOCOMOTIVES E/91-E/155 AND 12 CARS STRUCK AN OCCUPIED DUMP TRUCK LOADE  
 ## 243 TRAIN 59 OPERATING WITH LOCOMOTIVE E/821 AND 7 CARS STRUCK AN OCCUPIED DUMP TRUCK AT MP 107.99  
 ## 244 L23020 STRUCK A LOADED LOG TRUCK AT MT. PLEASANT CHURCH ROAD CROSSING. CSXT 922 IMPACTED THE P  
 ## 245 TRAIN 702 OPERATING WITH CAB CAR C/8306 IN THE LEAD, 4 CARS AND LOCOMOTIVE E/2011 IN PUSH MODE  
 ## 246 AT 0810 AM , THURSDAY OCTOBER 8, 2015 SUNRAIL TRAIN P31108 WAS SOUTBOUND ON # 1 TRACK AT MP  
 ## 247 TRAIN 500 OPERATING WITH LOCOMOTIVE E/465 AND 14 CARS STRUCK THE REAR OF A TRACTOR-TRAILER TR  
 ## 248 TRAIN 58 OPERATING WITH LOCOMOTIVE E/194 AND 8 CARS STRUCK AN OCCUPIED VEHICLE AT MP 200.62, KI  
 ## 249 NS TRAIN A89A408 STRUCK A HWY-USER AT A HWY-GRADE CROSSING  
 ## 250 TRAIN 4 OPERATING WITH LOCOMOTIVES E/153-E/152 AND 10 CARS DERAILED 8 CARS AT MP 372.92 CIMARRA  
 ## 251 TRAIN 59 STRUCK AN OCCUPIED TRACTOR-TRAILER AT CROSSING. AMTRAKS EQUIPMENT DAMAGE IS \$46,0  
 ## 252 TRAIN 59 OPERATING WITH LOCOMOTIVE E/197 AND 8 CARS STRUCK AN OCCUPIED TRACTOR-TRAILER TRUCK AT  
 ## 253 AT APPROXIMATELY 10:10 AM, ON MAY 5, 2016, TRAIN 297, LRV 3515, WHILE OPERATING SOUTHBOUND ON  
 ## 254 TRAIN 89 STRUCK A BACKHOE FOULING #3 TRACK AT PW LINE MP 15.7. AMTRAKS EQUIPMENT DAMAGE FOR TI  
 ## 255 TRAIN 713 OPERATING WITH LOCOMOTIVE CDTX 2004 AND 5 CARS STRUCK AN OCCUPIED FARM PICK-UP TRUCK  
 ## 256 TRAIN 3 OPERATING WITH LOCOMOTIVES E/183-E/112 AND 10 CARS STRUCK AN OCCUPIED VEHICLE AT MP 6  
 ## 257 TRAIN 91 STRUCK AN OCCUPIED TRACTOR-TRAILER AT CROSSING. THERE WERE NO CROSSING SIGNS OR SIGNA  
 ## 258 OPERATOR OF A CITY OF LAKE WORTH GARBAGE TRUCK STOPPED ON THE CROSSING AND EXITED THE VEHICLE.  
 ## 259 TRAIN 21 OPERATING WITH LOCOMOTIVE E/189 AND 8 CARS STRUCK A SEMI TRACTOR-TRAILER AT MP 641.66  
 ## 260 TRAIN 59 OPERATING WITH LOCOMOTIVE E/130 AND 8 CARS STRUCK AN OCCUPIED VEHICLE AT MP 83.20, 16  
 ## 261 TRAIN 718 OPERATING WITH CAB CAR 8312, 4 CARS AND 1 LOCOMOTIVE TRAILING, STRUCK AN OCCUPIED MO  
 ## 262 ACE 10 WAS OPERATING AT MAXIMUM AUTHORIZED SPEED(40MPH), EASTWARD ON THE OAKLAND SUB WHEN IT  
 ## 263 TRAIN #1614 STRUCK THE BUMPING BLOCK AND HOBOKEN TERMINAL WHILE ARRIVING TRACK#5. 358 PEOPLE W  
 ## 264 TRAIN 303 STRUCK AN OCCUPIED TRACTOR-TRAILER TRUCK AT MP 40.36, LARAWAY RD CROSSING. AMTRAKS  
 ## 265 AMTRAK NO. 501 DERAILED LOCOMOTIVE WDTX1402 AND TWELVE CARS WHILE APPROACHING AN OVERPASS NEAR  
 ## 266 TRAIN 506 OPERATING WITH LOCOMOTIVE E/467 IN THE LEAD, 13 CARS, AND LOCOMOTIVE E/470 IN PUSH MO  
 ## 267 TRAIN 92 OPERATING WITH LOCOMOTIVE E/173 AND 8 CARS STRUCK AN UNOCCUPIED TRACTOR-TRAILER THAT  
 ## 268 THE LEAD TRUCK OF THE 35TH CAR ON TRAIN Q38831 DERAILED AT MP BF 193.7 WITH THE UDE AND GENERA  
 ## 269 ENGINEER OF TRAIN #1373 WAS OPERATING AT 55.9 MPH THROUGH A 10 MPH TEMPORARY SPEED RESTRICTION

## 270 TRAIN 711 OPERATING WITH CAMERA-EQUIPPED LOCOMOTIVE E/19 AND 5 CARS STRUCK AN OCCUPIED PICK-UP  
 ## 271 TRAIN 91 OPERATING WITH LOCOMOTIVE E/93 AND 8 CARS STRUCK A TRACTOR-TRAILER (LOW BOY) AT MP 8  
 ## 272 TRAIN 92 OPERATING WITH LOCOMOTIVES E/175-E/153 AND 8 CARS STRUCK THE TRAILER PORTION OF AN OC  
 ## 273 TRAIN 49 OPERATING WITH LOCOMOTIVES E/184-E/180 AND 11 CARS DERAILED 3 CARS (25016, 25091, 280  
 ## 274 TRAIN WAS TRAVELING WEST BOUND AT 9 MPH AND COLLIDED WITH A BUS THAT FAILED TO STOP BEFORE APPI  
 ## 275 ZLAJX-01, LEAD UNIT UP8653 STRUCK THE REAR OF AN OCCUPIED VEHICLE WHICH WAS STOPPED ON THE TRAC  
 ## 276 TRAIN #3926 DERAILED ALL WHEELS OF CAR #7714, A END TRUCK OF #7265 AND B END TRUCK OF #7727 WH  
 ## 277 AMTRAK TRAIN #2151 DERAILED FIRST TRUCK OF THIRD CAR AND REAR TRUCK OF 4TH CARWHILE OPERATING C  
 ## 278 TRAIN 2817 COLLIDED WITH THE BUMPER BLOCK ON ATLANTIC TERMINAL TRACK 6 DERAILING LEAD MOTOR NUI  
 ## 279 AT 0336 A 57-YEAR-OLD MALE DRIVER OF A GMC VAN ENTERED THE CHAMBERS HIGHWAY GRADE CROSSING AND  
 ## 280 Q60607 STRUCK BUS THAT WAS STUCK ON THE TRACKS AT CROSSING. THE CROSSING CONTAINED LOW GROUND  
 ## 281 TRAIN 92 OPERATING WITH CAMERA-EQUIPPED LOCOMOTIVE E/46 AND 8 CARS WAS STRUCK BY AN OCCUPIED P  
 ## 282 TRAIN 923(31) OPERATING WESTBOUND WITH LOCOMOTIVES E/145/4 AND TEN CARS IN PUSH PULL MODE STRUC  
 ## 283 TRAIN 59(09) OPERATING WITH E/28 AND 7 CARS STRUCK A TRACTOR TRAILER AT A PRIVATE ROAD CROSSING  
 ## 284 TRAIN 2 OPERATING WITH LOCOMOTIVES E/113-E/168 AND 7 CARS STRUCK AN OCCUPIED TRACTOR-TRAILER AT  
 ## 285 TRE 3915 TRAVELING WESTBOUND STRUCK LOADED DUMP TRUCK THAT WAS FOULING THE TRACK AT CALLOWAY CR  
 ## 286 TRAIN 21 OPERATING WITH LOCOMOTIVE E/6 AND 8 CARS STRUCK AN UNOCCUPIED VEHICLE AT MP 78.31, ST  
 ## 287 TRAIN 91(03) OPERATING SOUTHBOUND ON MAIN TRACK WITH LOCOMOTIVE E/47 AND SEVEN CARS, WAS DIVER  
 ## 288 TRAIN 364 OPERATING WITH LEAD LOCOMOTIVE E/28, 6 CARS AND LOCOMOTIVE E/29 TRAILING, STRUCK AN  
 ## 289 TRAIN 98 OPERATING WITH LOCOMOTIVES E/42-E/132 AND 12 CARS DERAILED 3 CARS (61044, 62021, 6201  
 ## 290 Q19729 STRUCK OCCUPIED VEHICLE THAT WENT AROUND THE GATES TO BEAT THE TRAIN. PROTECTION ALSO AT  
 ## 291 TRAIN 381(22) OPERATING WITH E/ID4611 AND 5 CARS, STRUCK A FARM VEHICLE AT A PRIVATE CROSSING.  
 ## 292 TRAIN 648 OPERATING WITH CAB CAR C/9650 IN THE LEAD, 4 CARS AND CAMERA-EQUIPPED LOCOMOTIVE E/6  
 ## 293 TRAIN #3701 STRUCK AND FATALLY INJURED A TRESPASSER WHO JUMPED FROM THE PLATFORM AT METUCHEN A  
 ## 294 TRAIN #66 STRUCK AN UNOCCUPIED BUS THAT WAS STOPPED ON THE GRADE CROSSING WITH THE EAST GATE RI  
 ## 295 TRAIN 97 OPERATING WITH LOCOMOTIVES E/79-E/125 AND 12 CARS STRUCK A TRACTOR TRAILER AT A GRADE C  
 ## 296 TRAIN 1 OPERATING WITH LOCOMOTIVES E/78-E/12 AND 9 CARS STRUCK AN OCCUPIED AUTO AT MP 807.31, I  
 ## 297 TRAIN 2 OPERATING WITH LOCOMOTIVES E/20-E/183 AND 7 CARS STRUCK AN OCCUPIED TRACTOR-TRAILER AT  
 ## 298 TRAIN 59(15) OPERATING WITH E/35, 7 CARS STRUCK A SEMI-TRACTOR TRAILER AT MILEPOST/746 ON THE C  
 ## 299 TRAIN 350 OPERATING WITH LOCOMOTIVES E/126-E/35 AND 5 CARS STRUCK A SEMI-TRACTOR TRAILER AT MP 1  
 ## 300 TRAIN 14 STRUCK AN OCCUPIED VEHICLE AT MP 13.59, MARKET AVE CROSSING. THE 3 OCCUPANTS OF THE  
 ## 301 MOTORCYCLE DROVE UNTO OPPOSITE LANE OF TRAFFIC TO BYPASS VEHICLES STOPPED BY CROSSING ARMS FOR  
 ## 302 TRAIN 956 WAS TRAVELING SOUTH ON TRACK 1 OPERATING AT CORBIN ROAD CROSSING WHEN IT MADE CONTACT  
 ## 303 TRAIN 365 OPERATING WITH LOCOMOTIVE E/29, 6 CARS AND LOCOMOTIVE E/28 TRAILING STRUCK AN OCCUPI  
 ## 304 NB TRAIN 4056/55, 4018/17, TRIP 151 STRUCK A SEMI AT THE SABLE BLVD HIGHWAY GRADE CROSS  
 ## 305 TRAIN 59 OPERATING WITH LOCOMOTIVE E/32, 7 CARS AND 2 PRIVATE CARS STRUCK AN OCCUPIED ROAD TRAC  
 ## 306 192G506 REPORTED PASSING OVER A BROKEN RAIL FOLLOWED BY TRAIN GOING IN EMERGENCY. CONDUCTOR RE  
 ## 307 AT THE WESTBURY SCHOOL STREET CROSSING, TRAIN 2065 STRUCK A MOTOR VEHICLE THAT WAS STUCK ON TH  
 ## 308 TRAIN 393 OPERATING WITH LOCOMOTIVE ID4616 PULLING 7 CARS STRUCK A LARGE OCCUPIED BOX TRUCK AT  
 ##  
 ## 1 S WEST OF CRESTON, IA. THE CAUSE OF THE DERAILMENT HAS BEEN DETERMINED TO BE A BROKEN  
 ## 2  
 ## 3  
 ## 4 R. AT 8:52 AM TRAIN SERVICE WAS SUSPENDED INTO THE WORLD TRADE CENTER. ALL PATH EMPLOYEES WE  
 ## 5 IN #5 TO DERAIL BOTH ENGINES 143/149 AND THE LEAD 9  
 ## 6 ONL-10 AT MP76 CAUSING DERAILMENT OF SEVERAL CARS IN BOTH TI  
 ## 7 FRONT OF THE TANDEM ON THE PASSENGER SIDE. ASPBVX-23 ENGINEER STATED HE GOT ON FLOOR PRIOR  
 ## 8 60 CROSSING CAUSING EXTENSIVE DAMAGE TO ENG UNIT NO  
 ## 9 WAS DUE TO A WASHOUT OF THE TRACK SUBSTRUCTURE WHICH WAS CAUSED BY FLASH FLO  
 ## 10 TRUCK HAD BACKED INTO TRACK INFRASTRUCTURE AND CAUSE IRREGULAR ALIGNMENT TO  
 ## 11 NSF MAINT.  
 ## 12 T OF CORRECTIONS BUT AT ABOUT 3:35 PM. THE BUS CARRYING A LOAD OF INMATES TURNED OFF OF HWY 7  
 ## 13 INDIANA STATION (MP 68.5) AT 5:37 PM FOR METAMORA, INDIANA WITH 386 PASSENGERS. AT 6:55 PM TI  
 ## 14 G AND 11 LOADS STYRENE MONOMER INHIBITED, DERAILED 31 CARS, ALL ON THEIR SIDES, RESULTING IN

## 15 GEMENT UNDER NORMAL WEATHER AND TRAFFIC CONDIT  
 ## 16 AR THAT WAS ON THE TRACK. DISPATCHER FAILED TO ACKNOWLEDGE REPORT FROM CONDUCTOR AND ENGINEER  
 ## 17 D THE CROSSING GATE AND WAS STRUCK BY BNSF  
 ## 18 D THAT THE DERAILMENT WAS CAUSED BY TRACK OUT OF ALIGNMENT AS WELL AS TRACK/ROADBED DISTURBANC  
 ## 19 T MP A832.90, DELBERT COLLINS PRIVATE RD CROSS  
 ## 20 PULLING OUT BUT STOPPED AT THE SECOND SIGNAL. THE ENGINEER OF TRAIN 6721 HAD RESTRICTING IND  
 ## 21  
 ## 22 AD APPROXIMATELY 15:21. APPROXIMATELY 64 INJURIES COMBINED BETWEEN METRA 1235 AND 1270. MOVED  
 ## 23  
 ## 24 ATAL  
 ## 25 R STRIKING A LOG TRUCK AT MP A449.38, A PRIVATE CROSS  
 ## 26  
 ## 27  
 ## 28 PARK, A PRIVATE CROSS  
 ## 29 PMENT TO TURN OVER ON SIDE. PILOT, FRACTURED ANKLE. TRACKMAN, FRACTURED RIB. ENGINEER, DISLOCAT  
 ## 30 LOADED WITH CHLORINE BLEACH AT MP22.83, A PRIVATE CROSS  
 ## 31 SSEELS RD CROSSING, CAUSING THE ENTIRE TRAIN CONSIST TO DERAIL. ALL CARS, INCLUDING THE LOCOMO  
 ## 32 K 2. UP TRAIN 3542W STRUCK THE REAR OF AMTRAK UNIT 2001, CAUSING UNIT 2001 TO DERAIL, ALONG W  
 ## 33  
 ## 34 N CROSS  
 ## 35 STATION. THE COLLISION CAUSED THIRD RAIL POWER TO SHUT OFF. POLICE WERE NOTIFIED TO RESPOND  
 ## 36 TS DERAILED 6TH AND 7TH CARS ACCOUNT #2 RIGHT SIDE WHEEL BURNED OFF ON 6TH CAR. TRAIN WAS PRE  
 ## 37  
 ## 38 TO SAME THE PMMO SWITCHER, SHOVING TRAIN 1742"S EQUIPMENT, WAS ATTEMPTING TO RESCUE/TOW 1342 A  
 ## 39 67.7 MPH THROUGH 10 MPH CROSSOVER) CAUSING DERAILMENT. THE RAILROAD IS IN THE PROCESS OF DET  
 ## 40 THE TRUCK PULLED OUT AND FOULED BOTH MAIN TRACKS ON A PRIVATE CROSS  
 ## 41 M. THE DRIVER OF THE VEHICLE DID NOT APPEAR TO SEE, OR HEAR THE TRAIN AT THE CROSSING, AND D  
 ## 42 108, 107, 284, 156, AND 155 HIT THE WALL ON TRACK 0 AT SUBURBAN STATION, AND REQUESTED MEDICAL  
 ## 43 RS AT MP3.9 OF THE BNSF, AS A RESULT OF WIDE GAUGE DUE TO DETERIORATED  
 ## 44 ET INTERLOCKING. TWO LOADED PASSENGER CARS ON TRAIN M611-26 DERAILED. MILE POST IS  
 ## 45 ION OF RAIL WAS ADDED TO THE EAST RAIL TO REPLACE A SECTION OF RAIL CONTAINING A CRUSHED HEAD.  
 ## 46 099, FAILURE OF THE AMTRAK ENGINEER TO COMPLY WITH THE REQUIREMENTS OF RESTRICTED SPEED IN CONT  
 ## 47 T AT MP 77.6, EAST OF NEW HAVEN  
 ## 48 NTO ANOTHER VEHICLE CARRYING (6) SIX PASSENGERS. TRAIN COCSISTED OF ARTICULATED EQUIP  
 ## 49 BSOLUTE I  
 ## 50 ACITY 4900 GALLONS EA/SPILLED 2000 GALLONS FUEL EACH. ACFX86305 SPILLED 60 TONS OF CHLORINE.  
 ## 51 VENUE CROSSING MP  
 ## 52  
 ## 53 TRUCK THE TRUCK. THE TRUCK EXPLODED INTO FIRE. VEHICLE DRIVER AND OCCUPANTS WERE FATALLY IN  
 ## 54 THEY WERE LINED FOR 7 TRACK. BRAKEMAN ON LEADING CAR FAILED TO RADIO OR APPLY BRAKES TO STOP I  
 ## 55 CROSSING, CAUSING INJURIES TO CREW AND CUSTOMERS AND DAMAGE TO EQUIPMENT, TRACK, 3RD RAIL AND  
 ## 56 LT OF A FIRE ON THE INSIDE OF DORM C  
 ## 57 QUN  
 ## 58 ILED AS A RESULT OF COLLISION. THERE WERE THREE INJURIES AND ONE FATALITY. TRACTRO/TRAILER L  
 ## 59 / FUEL CAPACITY 5000 GALLONS/SPILLED 1000 GALLONS DIESEL FUEL; CSXT7513/GE-C40-8-89/FUEL TANK C  
 ## 60 SIVE EQUIPMENT AND TRACK D  
 ## 61  
 ## 62 OF THE 3 LOCOMOTIVES AND 4 CARS (1246/39032/32013/32075) AT MP 4  
 ## 63  
 ## 64 NG A LOAD OF ASPHALT AT MP420.08, A PRIVATE RD CROSSING CAUSING CC/6952 TO DERAIL LEAD  
 ## 65 CK LANDSLIDE, CAUSING THE DERAILMENT OF LOCOMOTIVE UNIT #54 AND 4 CARS IN THE CO  
 ## 66 TY RD CROSSING, CAUSING ENGINE 97 TO DERAIL 1 WHEEL ON LEAD  
 ## 67 LOCOMOTIVE (BNSF 68365 ) WAS DAMAGED. REPORT TO DIESEL FUEL LEAKED FRO THE DUMP TRUCK. NO IN  
 ## 68

## 69  
 ## 70  
 ## 71  
 ## 72 STANDING ENGINE AND 2 CARS RESULTING IN DERAILMENT OF THREE ENGINES AND EIGHTEEN CARS AND REL  
 ## 73 E A UPRR LOCOMOTIVE ON THE SIDING. UPDATED 6/20/05 TO INCLUDE 8 ADDITIONAL CLASS "C" INJURIES.  
 ## 74 NG AT APPROXIMATELY 44 MPH WHEN IT WAS STRUCK BY A 1994 FORD EXPLORER. THE FORD EXPLORER WAS  
 ## 75 D THE M/W EQUIPMENT THAT WAS LOADED ON THEM. MPBHG-15 HAD CAR TIMX33429 DERAIL & SPILL 129,7  
 ## 76 T WORKING). AIR BRAKES BLED OFF, CAR ROLLED ONTO THE MAIN LINE AND COLLIDED WITH TRAIN #3 WHI  
 ## 77 G ACC  
 ## 78 R TRAILER AND ENGINE 158 CAUGHT FIRE. ENGINE 158 ALSO DERAILED. THE TRACTOR TRAILER THAT WAS S  
 ## 79 AS A RESULT OF RAIL S  
 ## 80 UE TO WORN SWITCH I  
 ## 81 964.1, MILITARY TRAIL. AFTER IMPACT, THE TRAILER SPUN AROUND AND STRUCK 4 VEHICLES, CAUSING IN  
 ## 82 SING WITH ACTIVATED WARNING DEVICES. AT THE SAME TIME A VEHICLE APPROACHED THE CROSSING AND I  
 ## 83 T METX178 ON M39-28. A UTILITY PERSON IN A BUCKET TRUCK WORKING ON R-OF-W WAS ALSO INJURED WHI  
 ## 84 DERAILED 3 CARS AND ENGINE VO4 AT MP 79.7 DUE TO SWITCH POINT BEING  
 ## 85 ED ON UP''S NO 1 MAIN''S LEFT-HAND CURVE. TWO CONTRACTORS WERE KILLED AND TWO WERE INJURED. TH  
 ## 86 JURED. TRUCK DRIVER WAS A FATALITY. UP1977/UP2095, EM RGP60-90, FUEL CAP 3700 GAL, EACH SPILL  
 ## 87  
 ## 88 ESTIGATION PE  
 ## 89  
 ## 90  
 ## 91  
 ## 92 PLY BLOCKING DEVICE TO PROTECT CONFLICTING MOVE  
 ## 93  
 ## 94 APPROX MP 560.9. TRAIN CONTAINED ARTICULATED EQUIPMENT. NO HAZARDOUS MATERAILS LEA  
 ## 95 13TH STREET CRO  
 ## 96 P 27.98, A CROSSING ACC  
 ## 97 LEVATOR. CAR DOWX 40077, STCC 4935665, UN2491, RELEASED 20,840 GALLONS OF ETHANOL  
 ## 98 ARS DERAILED DUE TO A BROKEN  
 ## 99  
 ## 100 A PRIVATE CROSSING. THE CROSSING WAS EQUIPPED WITH STOP SIGNS AND YELLOW WARNING SIGN PRIOR TO  
 ## 101 STRUCK A DUMP TRUCK AT MP79.20, A PRIVATE CRO  
 ## 102 WDL PUT THEIR TRAIN TOGETHER AND DEPARTED DE QUEEN WITH 22 LOADS AND 37 EMPTIES, WEST FOR VAL  
 ## 103 OCKED IN THE REVERSE POSITION ALLOWING TRAIN 1926 TO DIVERT INTO SIDE TRACK AT APPROXIMATELY 4  
 ## 104  
 ## 105  
 ## 106 RVICE TRACK\nm599\nFOREMAN FAILED TO SUPPLY SUPPLEMENTAL PROTECTION REQUIRED BY TIMETABLE INST  
 ## 107 TER TRAIN OCCUPIED TRESTLE FROM WEST END WITH 2 ENGINES AND SLEEPER OUTFIT CAR, A LOUD POP WAS  
 ## 108  
 ## 109 R AND 2 PASSENGERS AND 1 PASSENGER FATALITY. UP2453, EMD SD-60M-91, FUEL TANK CAP 5000 GAL, SI  
 ## 110 . VAN CAME TO A STOP AT THE CROSSING, TURNED ON HAZARD LITES AND THEN PROCEEDED ACROSS TRACKS  
 ## 111 AT MP525.0. THE CAUSE OF THE DERAILMENT IS WIDE TRACK  
 ## 112 CLARIBEL RD CRO  
 ## 113 HARBOR RD CRO  
 ## 114 RAIN #23M, CAUSING AMTRAK LOCOMOTIVE UNIT E/8 TO DERAIL. THE OTHER METHOD OF OPERATION (ITEM 3  
 ## 115 UNT BROKE RAIL. \nLEAKING CARS GATX 44100 - STCC 4935240 - SODIUM HYDROXIDE RELEASED 11980 GAL  
 ## 116 ABASH AVENUE CROSSING, RESULTING IN 4 FATALITIES IN THE VE  
 ## 117 DUSTRIAL WASTE BIN. BOTH LOCOMOTIVES AND THE 9 CARS TO D  
 ## 118 IVE UNIT E/2012 AND THE 4 CARS TO DERAIL IN THE UPRIGHT POS  
 ## 119 R-TRAILER TRUCK AT MP A487.72, DEAN FORREST RD, STATE RD 307 CRO  
 ## 120  
 ## 121 ON SOUTH END OF LOCOMOTIVE E/659 WITH UTILITY CONDUCTOR ON GROUND GUIDING MOVE, ROUGH COUPLED A  
 ## 122 STUCK ON THE CROSSING, AT MP242.90 MILE STATION RD, CAUSING E/173 AND ALL 4 CARS TO DERAIL UPR



## 123 EMONS AT MP959.88, KANSAS AVE CROSSING. THE STRIKE CAUSED THE ENGINE TO SEPARATE FROM THE RES  
 ## 124 EY LANE AND COUNTY RD CAUSING THE LOCOMOTIVE AND REAR CAR TO D  
 ## 125 A SEMI TRACTOR-TRAILER TRUCK AT MP349.12, PINELAND RD CROSSING, CAUSING THE 6 CARS TO DERAIL U  
 ## 126 IG DID NOT STOP AT THE BRAUNTEX MATERIAL CROSSING STOP SIGN. UP9657 STRUCK THE REAR OF THE TI  
 ## 127 R INJURIES MAY BE UPDATED AS NECESSARY.\n\nQUES. 17 CHANGED TO 74 DEGREES PER NTSB DATA\nQUES.  
 ## 128 AT MP58.30, FRY RD CROSSING. OTHER METHOD OF OPERATION  
 ## 129 BUT WAS NOT COMPLETED AS THE SAFETY DEPT HAD NO INVOLVEMENT IN THE INVESTIGATION AND ITS CONC  
 ## 130 THE END OF THE ACE STATION TACKTHE IMPACT CAUSED THE LEADING CAB CAR ACE#3309 TO DERAIL THE LI  
 ## 131 DRIVER AND CREW MEMBERS. PROTECTION ALSO AT CROSSING: ADVANCE WARNING; VEHICLE SPEED UNKI  
 ## 132 H-RAIL VEHICLE SUFFERED A CUT ON LEFT SIDE OF BACK. THREE OF THE FOUR VEHICLE OCCUPANTS WERE I  
 ## 133 ECTION, CONDUCTOR NOTICED HIGH VERTICAL FLANGE ON LOUNGE CAR 33019 WHICH CAUSED THE DERAIL  
 ## 134 ROSSING CAUSING LOCOMOTIVE E/32 TO DERAIL UP  
 ## 135 WELL HICKORY GROVE ROAD CROSSING CAUSING EXTENSIVE DAMAGE TO LOCOMOTIVE UNIT NC,  
 ## 136 MP S212.4 RUMBLE ROAD, DOT # 718345H. DUE TO DRIVER FAILED TO STOP WHILE TRAIN WAS APPROACHING  
 ## 137  
 ## 138 E ACRL DURING SNOWY AND ICY CONDIT  
 ## 139 UCK A TRACTOR-TRAILER TRUCK AT MP 406.56, COUNTY RD 2126 CROSSING CAUSING EXTENSIVE DAMAGE TO M  
 ## 140 RD CRO  
 ## 141 BUCKET OF A FRONT END LOADER NORTH OF 36TH STREET STATION RESULTING IN THE DERAILEMENT OF THE I  
 ## 142  
 ## 143 AD TRUCK OF THE LEAD LOCOMO  
 ## 144 WHEN THE TRAIN WENT INTO EMERGENCY AT THE MULFORD ROAD CROSSING ACCOUNT WASHOUT DUE TO HEAVY RA  
 ## 145 ILER PORTTION OF TRACTOR TRAILER LOADED WITH ROCK. LOCOMOTIVES UP6469 AND UP5675 DAMAGED AND I  
 ## 146 BABINEAUX RD CROSSING. THE TRACTOR-TRAILER WAS SHOVED INTO A PICK-UP TRUCK PARKED ON THE S  
 ## 147  
 ## 148 RD CROSSING. THE DRIVER OF THE VEHICLE WAS 82 YEARS OF  
 ## 149 TATE RD 4, EAST LINCOLN AVE CRO  
 ## 150 CORBETT HWY CRO  
 ## 151 CKS AT MP209.21, MOORE ST CROSSING THAT WAS OUT OF SERVICE FOR RENOVATION WITH BARRACAD  
 ## 152 SUBDIV.  
 ## 153 N ACCESS ROAD WHEN IT PASSED A TRAIN THEN MADE A LEFT HAND TURN ON FM133 AND PROCEEDED WEST AT  
 ## 154 AL AND STRUCK AMTRAK YARD CREW WS6A WITH 1 ENGINE AND 2 CARS. THIS RESULTED IN THE DERAILEMENT  
 ## 155 MP4.50, LONYO RD CROSSING. THE 261 RULE WAS IN E  
 ## 156 ATION EQUIPMENT AT MP H31.64, FIFTH ST CROSSING. THE IMPACT CAUSED ENGINE UNIT RNCX1792 AND 1  
 ## 157 A SEMI TRACTOR-TRAILER TRUCK AT MP 905.80, SHAFTER AVE CROSSING CAUSING UNIT C/8302 TO D  
 ## 158 CRO  
 ## 159 , NN3 ROAD CRO  
 ## 160 DAMAGES. CSX EMPLOYEES FOULED TRACK 2 WITHOUT PERMI  
 ## 161 T MP275.87, CAUSING EXTENSIVE TRACK AND EQUIPMENT DA  
 ## 162 ER CITI/FRA. UPRR FILED SEPEARATE 6180.55A FOR RR EMPLOYEE FATALITY, INCIDENT 0310LA017. PER  
 ## 163 RESULTING IN RAKING COLL  
 ## 164 ST CRO  
 ## 165 VAL TRAIN WAS MOVING INTO HOBOKEN TERMINAL ON TRACK 2. AS THE TRAIN ENTERED THE TERMINAL, IT I  
 ## 166 083.80, GREER RD CRO  
 ## 167 AT MP1139.0, WERNER RD CRO  
 ## 168  
 ## 169  
 ## 170 D STRUCK EASTBOUND TRAIN #420 AT THE CENTRAL AVE CROSSING CAUSING CAB CAR #8553 TO D  
 ## 171 AUSING BOTH ENGINES AND 6 CARS TO DERAIL. THERE ARE A TOTAL OF 15 EMPLOYEE INJURIES, WHICH INC  
 ## 172 ICH WAS FOULING US 84 CROSSING. DRIVER AND CREW MEMBERS INJURED. LOCOMOTIVES AND RAILCARS DERA  
 ## 173 AME STUCK. OPERATOR AND TWO OCCUPANTS EXITED THE VEHICLE. THE NORTHBOUND TRAIN STRUCK THE VEHIC  
 ## 174 AD CAR (CAB CAR). M636-13 WAS TRAVELLING SOUTHBOUND ON MAIN TRACK #3 AT 51 MPH, MP 18.77. THI  
 ## 175 AT MP318.6, US HW  
 ## 176 QUIPMENT AND THIRD RAIL AS WELL AS DEATH OF THE TRUCK DR

## 177 K A TOW TRUCK AT MP16.18, SMITH ST CROSSING  
 ## 178 TRAILER TRUCK AT MP68.22, PORTAGE RD CROSSING CAUSING ENGINE UNIT 128 AND 2 CARS TO DERAIL  
 ## 179  
 ## 180 TED AS RECEIVED. QUES. 37 REVISED 11/3/00  
 ## 181 R 6298, UTLX 207398, OCPX80323, OCPX 80234, UTLX 98097 AND UTLX 98041 DERAILED. APPROXIMATELY  
 ## 182 H OF THE APPROACHING TRAIN. VEHICLE WAS TRAVELING EAST IN THE WESTBOUND LANE AND THE TRAIN WAS  
 ## 183 FIELD DRIVE CROSSING. AMTRAKS EQUIPMENT DAMAGE IS \$82,500  
 ## 184 ED THE ENTIRE TRAIN AS A RESULT OF A MISALIGNED SWITCH. THERE WERE A TOTAL OF 4 EMPLOYEE INJURIES  
 ## 185 E STREET CROSSING  
 ## 186 DING. IT WAS DETERMINED THAT THE TURBO ON ENGINE UNIT 71 WAS RUNNING ON ITS OWN OIL CAUSING HIGHWAY  
 ## 187 P734.94, ELTON RD CROSSING  
 ## 188 THE DRIVER DISREGARDED 8-9 SECONDS OF FLASHING WARNING LIGHTS AND BELLS BEFORE HE DROVE ONTO  
 ## 189 NSPORTED FROM THE TRAIN FOR UNKNOWN REASONS  
 ## 190  
 ## 191 NUE 56 RD CROSSING CAUSING EXTENSIVE DAMAGE TO THE LEAD UNIT E/824  
 ## 192 6.56, A PRIVATE RD CROSSING  
 ## 193 EN LEAD. THE CREW HAD MADE SEVERAL SWITCHING MOVES BEFORE KICKING 9 CARS AGAINST 12 CARS WITH  
 ## 194 BY A TRACTOR-TRAILER TRUCK CAUSING 2 CARS AND THE LOCOMOTIVE TO DERAIL AT MP959.88, KANSAS AVENUE  
 ## 195 DALE AND DILLION ROADS CROSSING  
 ## 196 , SWINGING TRAILER INTO OCCUPIED PSGR CAR. 3 OF 4 OCCUPANTS IN CAR INJURED, TRUCK DRIVER UNINJURED  
 ## 197 WAY GRADE CROSSING DUE TO HIGHWAY USER INATTENTIVENESS  
 ## 198 D EMPLOYEE AND 22 PASSENGERS WERE INJURED  
 ## 199 ME TO A STOP WITH A PORTION OF THE TRAIN FOULING TRACK #2. TRAIN #1548 WAS THEN STRUCK BY WEST  
 ## 200 AS CARRYING A CRANE WHICH WAS HUNG UP ON A PRIVATE CROSSING  
 ## 201 ET CROSSING LOCATED AT MP 19.2. 9 FRA INJURED  
 ## 202 STATING THAT HIS TRAIN HAD STRUCK A PICKUP TRUCK AT MAIN ST CROSSING IN DELRAN, NJ. THE PICKUP  
 ## 203 4020, CAR #6501. WHEELSETS REPLACED 5 CARS. 7 INJURED  
 ## 204 266. PASSENGER INJURY COUNT UPDATED 10/3/00  
 ## 205 S FATALLY INJURED  
 ## 206 RUCK THAT FAILED TO STOP AT MP 133.43, RED PINE RD CROSSING. AMTRAKS EQUIPMENT DAMAGE IS \$45,000  
 ## 207 ANTS OF THE TRUCK. PROTECTION ALSO AT CROSSING: ADVANCE WARNING AND PAVEMENT MARKINGS  
 ## 208 N D-GALED  
 ## 209 T MP 151.90, WESTFIELD RD CROSSING CAUSING THE LEAD UNIT E/824 TO DERAIL. SIX NON-OPERATING ENGINES  
 ## 210 SPEED AT WHICH THE TRAIN WAS OPERATED EXCEEDED THE MAXIMUM AUTHORIZED LIMIT BY AT LEAST 10 MPH  
 ## 211 USED A HIGHWAY OVERPASS TO COLLAPSE AND INJURY TO FIVE MOTORISTS THAT WERE USING THE ROADWAY.  
 ## 212 THIS CAUSED A TRAIN DERAILMENT AND AN EXPLOSION THAT DAMAGED MANY NEARBY BUSINESSES AND HOMES  
 ## 213 BROKEN RAIL UNDER TRAIN MOVEMENT. AMTRAKS EQUIPMENT DAMAGE IS \$65,000  
 ## 214 ER APPLICATOR) AT MP 61.60, COUNTY RD 275 CROSSING. AMTRAKS EQUIPMENT DAMAGE IS \$250,000  
 ## 215 ROD OF THAT SWITCH WAS DETERMINED TO HAVE CRACKED WHICH LEFT THE SWITCH POINTS FREE FLOATING LEADING  
 ## 216 E CUTTING TRUCK AND WOOD CHIPPING MACHINERY AT SILVER LAKE CROSSING. THE DEBRIS FROM THE TRUCK  
 ## 217 AS STRUCK. SUSTAINED MULTIPLE FATAL INJURIES AND EXPIRED. 7 PASSENGERS ALLEGED INJURY FROM THE  
 ## 218 A TRACTOR-TRAILER TRUCK AT MP1065.26, WINTON WAY CROSSING. AMTRAKS EQUIPMENT DAMAGE IS \$100,000  
 ## 219 AT MP 846.72, DIAMOND B TRUCKING, A PRIVATE CROSSING. AMTRAKS EQUIPMENT DAMAGE IS \$250,000.00  
 ## 220 Q0093.9, COUNTY ROAD 200N CROSSING. AMTRAKS EQUIPMENT DAMAGE IS \$193,000  
 ## 221 R RD CROSSING. AMTRAKS EQUIPMENT DAMAGE IS \$13,700  
 ## 222 ND GATES WHICH CAUSED MULTIPLE FATAL INJURIES  
 ## 223 E SEMI TRAILER WAS FOULING TRACKS AND WAS STRUCK BY METRA TRAIN #2102 CAB CAR #1  
 ## 224 NUE 12 CROSSING. HIGHWAY USER SPEED IS UNKNOWN. AMTRAKS EQUIPMENT DAMAGE IS \$25,400  
 ## 225 TO DERAIL. AMTRAKS EQUIPMENT DAMAGE IS \$39,000  
 ## 226 .16, FM 0794 RD CROSSING. AMTRAKS EQUIPMENT DAMAGE IS \$27,400  
 ## 227 3.36, FOREST RD CROSSING. AMTRAKS EQUIPMENT DAMAGE IS \$20,000  
 ## 228 T MP 64.9, NORTHFIELD, VT. THE CAUSE OF THE DERAILMENT WAS TRAIN 55 STRUCK A ROCK SLIDE ON THE  
 ## 229 32ND STREET CROSSING. AMTRAKS EQUIPMENT DAMAGE IS \$62,000  
 ## 230 E ENVIRONMENTAL CONDITION - FLOOD. 4000 GALLONS OF FUEL WERE RELEASED FROM THE LOCOMOTIVES. PER

## 231 HE FIRST 4 CARS IN THE CONSIST COMPLETELY DERAILED, WITH THE FIRST 3 CARS ON THEIR SIDE AND THE  
 ## 232 SSING AT COMMERCE STREET IN VALHALLA.  
 ## 233 ESTER AVE. DELRAN NJ. THE AUTOMOBILE WAS TRAVELING SOUTH ON RIVER ROAD AND TURNED LEFT IN FRONT  
 ## 234 ETE BRIDGE GIRDER ONTO NEWLY CONSTRUCTED CONCRETE AND STEEL PIERS. THE CRANE WAS SITTING ON T  
 ## 235 IY ST/POPE ST CROSSING. THREE (3) TRAIN ATTENDANTS ALSO REPORTED INJURIES. AMTRAKS EQUIPMENT D  
 ## 236 ND NOTICED THE REAR END OF A TRACTOR TRAILER BLOCKING THE FAIRWAY CROSSING. THE ENGINEER AND  
 ## 237 F THE RICE AVENUE CROSSING. ALL CARS AND THE ENGINE DERAILED. NOTE: QUES 11 UPDATED 4/1/15.\n  
 ## 238 9 MILES AFTER IT DERAILED AROUND MT. TABOR. THE CAR CAUGHT FIRE AND RELEASED HA  
 ## 239 IVER RD CROSSING. THE DRIVER IN THE VEHICLE STOPPED ON THE TRACKS FOR AN UNKNOWN REASON. UPS  
 ## 240 AMAGE IS \$10,100.  
 ## 241 E LOAD AT MP A89.81, HALIFAX RD CROSSING, CAUSING LOCOMOTIVE E/185 AND BAGGAGE CAR C/1755 TO DI  
 ## 242 SAND AT MP 180.92, 11TH AVENUE CROSSING. AMTRAKS EQUIPMENT DAMAGE IS \$230,000.  
 ## 243 IVATE RD CROSSING. THE AGE OF THE HIGHWAY USER IS UNKNOWN. AMTRAKS EQUIPMENT DAMAGE IS \$23,600.  
 ## 244 ER SIDE DOOR OF THE LOG TRUCK TRAVELING 45 MPH. THE TRUCK WAS TRAVELING EASTBOUND ON MT. PLEAS  
 ## 245 K AN OCCUPIED VEHICLE AT MP 982.08, CONEJO AVE CROSSING. THE CREWS HOURS OF SERVICE ARE UNKNOWN  
 ## 246 9 STRUCK A DUMP TRUCK THAT WAS PARKED IN THE FOUL OF THE TRACK JUST OFF THE WEST RAIL AT THE  
 ## 247 MP 743.17, EHLEN ROAD (MAIN ST) CROSSING. THE AGE OF THE DRIVER WAS NOT AVAILABLE. AMTRAKS E  
 ## 248 PARK RD CROSSING.  
 ## 249  
 ## 250 . THE CAUSE OF THE DERAILMENT WAS DETERMINED TO BE TRACK DAMAGE CAUSED BY NON-RAILROAD INTERFER  
 ## 251  
 ## 252 40.78, LINDEN RD CROSSING. AMTRAKS EQUIPMENT DAMAGE IS \$120,600.  
 ## 253 NGLE TRACK OVER MAIN ST. IN RIVERTON, NJ, STRUCK AN AUTOMOBILE. THE AUTOMOBILE DRIVER MADE AN  
 ## 254 9 IS \$3,159,938.00 AND THE EQUIPMENT DAMAGE FOR THE BACKHOE (A 48533) IS \$138,363.00. THE FOR  
 ## 255 1012.1, A PRIVATE CROSSING. AMTRAKS EQUIPMENT DAMAGE IS \$83,700.  
 ## 256 A COUNTY RD CROSSING. AMTRAKS EQUIPMENT DAMAGE IS \$34,600.  
 ## 257 THIS LOCATION. DRIVER OF THE SEMI WAS NOT INJURED AND HIS AGE WAS NOT AVAILABLE. AMTRAKS EQ  
 ## 258 ENGINEER OBSERVED THE VEHICLE ON THE TRACKS AND PLACED THE TRAIN IN EMERGENCY. TRAIN IMPACTED  
 ## 259 ET CENTER BLVD CROSSING. VEHICLE PULLED FORWARD IN FRONT OF TRAIN AS TRAIN ARRIVED AT THE CRO  
 ## 260 TH STREET CROSSING. AMTRAKS EQUIPMENT DAMAGE IS \$10,500.  
 ## 261 ME STALLED ON THE TRACKS WITH THE CROSSING GATES DOWN AT MP 6.0, BANCROFT WAY CROSSING. AMTRAK  
 ## 262 AROUND A CURVE AND STRUCK A TREE THAT WAS LYING ACROSS THE TRACKS AT MP 34.00. THE IMPACT PUSH  
 ## 263 ACUATED. CONFIRMED SPEED EXCEEDED MAXIMUM SPEED FOR TRACK C  
 ## 264 ENT DAMAGE IS \$61,000.  
 ## 265 S ROAD. SOME OF THE CARS DERAILED ONTO THE I-5 FREEWAY CAUSING DAMAGE TO A NUMBER OF HIGHWAY V  
 ## 266 RAILED LEAD LOCO E/467 ON ITS SIDE AND 3 CARS UPRIGHT AT MP 14.4 NORTH OF OLYMPIA STATION. THE  
 ## 267 UCK ON THE TRACKS AT MP 284.78, POLSON ST CROSSING. THE TRUCK DRIVER SAW TRAIN APPROACHING AN  
 ## 268 -UP OCCURRING AT BF 192.3. THE CONDUCTOR WALKED BACK AND FOUND 32 CARS DERAILED WITH A PROPAN  
 ## 269 O A TRACK DEFECT ON TRACK #3 ON THE NEW HAVEN LINE BETWEEN CATENARY 216 AND CATENARY 217  
 ## 270 AT MP 919.47. NOT AT A CROSSING.  
 ## 271 NEPTUNE RD CROSSING. THE TRAIN CAME TO A STOP BLOCKING RECKER HIGHWAY (623082F). HIGHWAY USER  
 ## 272 TRACTOR-TRAILER TRUCK AT MP 813.77, SOUTH POINCIANNA BLVD CROSSING. DRIVER IN VEHICLE STOPPED  
 ## 273 L UPRIGHT WHILE PULLING INTO CHICAGO UNION STATION. 197 PASSENGERS DETRA  
 ## 274 NG THE CROSSING, THE LOCOMOTIVE HORN WAS BLOWING AND THE BELL RINGING, THIS ACCIDENT WAS RECOR  
 ## 275 TH ACTIVATED GATES. NO INJURIES TO UP  
 ## 276 RIVING NY PENN STATION. 7 INJ  
 ## 277 GAPPED SWITCH AND STRUCK INTO THE 7TH AND 8TH CAR OF ARRIVING NJT TRAIN #6214 ON THE M LADDER  
 ## 278 553 AND TRAILING CARS 7554 AND 7068.\n\nUPDATED ONE ADDITIONAL TRAIN PASSENGER/CUSTOMER NON FA  
 ## 279 ED ON THE UP TRACKS. AFTER APPROXIMATELY 90 SECONDS, THE GRADE CROSSING WARNING DEVICES AND R  
 ## 280 RANCE SIGNS. PROTECTION ALSO AT CROSSING: PAVEMENT MARKINGS (STOP LINES & RR XING SYMBOLS). BU  
 ## 281 TRUCK AT MP 880.23, SR 700/US 98 AND COWHOUSE RD CROSSING. THE DRIVER IN THE PICK-UP ATTEMPT  
 ## 282 ARBAGE TRUCK AT A CROSSING AT MP 195.85. AS A RESULT, LOCOMOTIVE E/145 DERAILED. THE CHARTERED  
 ## 283 37.20 ON THE CN MCCOMB SUBDIVISION. THE DRIVER OF THE TRUCK WAS FATALY INJURED.  
 ## 284 7.5, CRAVENS RD CROSSING. THERE WERE NO INJURIES TO REPORT. HIGHWAY USER AGE AND GENDER UNK

## 285 Y RD MP  
 ## 286 RD CROSSING. THE VEHICLE, A PICKUP TRUCK WAS STOPPED ON THE CROSSING WHEN THE TOWING STRAP I  
 ## 287 A STORAGE TRACK DUE TO AN IMPROPERLY LINES SWITCH, WHERE IT COLLIDED WITH STANDING NORTHBOUND  
 ## 288 ED VEHICLE AT MP 208.26, VERMONTVILLE HIGHWAY CROSSING  
 ## 289 ROACHING SAVANNAH STATION. WHILE REVERSING INTO SAVANNAH STATION FROM THE NORTH END DUE TO SNO  
 ## 290 SING: ADVANCE WARNING AND PAVEMENT MARKINGS (STOP LINES & RR XING SYM  
 ## 291 ARM VEHICLE WAS REPORTEDLY CARRYING A TANKER WITH ANHYDROUS AMMONIA. THE OPERATOR OF THE FARM  
 ## 292 UCK AN OCCUPIED FARM TRACTOR AT MP 78.56, BENDERS RD, A PRIVATE CROSSING  
 ## 293 T THROUGH THE WINDSHIELD OF CAB CAR #7003 CAUSING SERIOUS INJURIES TO THE ENGINEER. CONFIRMED S  
 ## 294 ON IT WHILE FOULING TRACK #2. 2 INJ  
 ## 295 NG. THE RAILROAD CROSSING ARMS LOWERED ONTO THE TRACK  
 ## 296 O, A PUBLIC CROSSING  
 ## 297 4.65, COUNTY ROAD 621 CROSSING. THE LEAD TRUCK OF LOCOMOTIVE E/20 DERAILED AND THERE WAS SIGN  
 ## 298 CCOMB SUBDIVISION. THE SEMI OPERATED THROUGH THE CROSSING INTO THE PATH OF THE TRAIN AND BECAME  
 ## 299 , S. ELM STREET CROSSING. THE TRUCK WAS CAUGHT BETWEEN THE CROSSING C  
 ## 300 E WERE FATAL  
 ## 301 ING TRAIN. MOTORCYCLE ENTERED THE CROSSING AS THE TRAIN TRANSOTED THE CROSSING AND RAN INTO S  
 ## 302 THE DETACHED TRAILER OF A TRUCK. REGARDING THE RAILROAD EMPLOYEE COUNTS, THERE WERE FIVE EMP  
 ## 303 CTOR-TRAILER TRUCK AT NORTH CLARK RD CROSSING  
 ## 304  
 ## 305 ULLING A SALT WATER TANK AT MP 186.58, CESSNA RD CROSSING  
 ## 306 DERAILED STARTING FROM 3RD CAR BACK IN TRAIN. EVACUTED 280 RESIDENTS, INJURIES UNKNOWN AT TH  
 ## 307 SING. THIS VEHICLE HAD PREVIOUSLY STRUCK TRAIN 1260 AT THIS SAME CROSSING. CURRENTLY, WE ARE U  
 ## 308 .4, STUENKEL ROAD CROSSING CAUSING THE LOCOMOTIVE AND 5 CARS TO D  
 ##  
 ## 1  
 ## 2  
 ## 3  
 ## 4 IFIED BY PHONE TO EVACUATE. ALL REMAINING EMPLOYEES WERE EVACUATED ON A TRAIN THAT DEPARTED THE  
 ## 5  
 ## 6  
 ## 7 ACT AND FELT RIGHT KNEE I  
 ## 8  
 ## 9  
 ## 10  
 ## 11  
 ## 12 HWY 212 INTO THE PATH OF TRAIN. THE DRIVER OF THE BUS WAS CHARGED WITH FAILURE TO YIELD THE R  
 ## 13 ERAILED AT MP 56.4 AFTER A RAIL BROKE UNDER THE MOVING TRAIN. THREE PASSENGER CARS DERAILED WHIC  
 ## 14 RELEASE FROM ELEVEN CARS (SEE APPENDED LIST) RESULTING IN SPILL OF APPROXIMATELY 590 TONS. EVACU  
 ## 15  
 ## 16 RACK WAS FOULED AND DIDN''T LOCKOUT TRACK WHICH ALLOWED NORTHBOUND AMTRAK #14 TO ENTER LOCATION,  
 ## 17  
 ## 18 KID  
 ## 19  
 ## 20 N ALLOWING HIM TO PULL IN BEHIND - HE FAILED TO OBSERVE 8017 STOP AND STRUCK REAR OF TRAIN. ENG  
 ## 21  
 ## 22 F ENGINE(S) OR CAR(S) WITHOUT AUTHORITY (RAILROAD EMPLOYE  
 ## 23  
 ## 24  
 ## 25  
 ## 26  
 ## 27  
 ## 28  
 ## 29 NG

## 30  
 ## 31 DERAILED IN AN UPRIGHT POSITION.  
 ## 32 C.  
 ## 33  
 ## 34  
 ## 35 LL AS HOBOKEN EMS. THE CARS IN CONSIST WERE 808-827-857-627-656-147-619. THE TRAIN TRAVELED 15  
 ## 36 Y INSTRUCTED TO STOP AND INSPECT FOR OVERHEADING OR ANY UNUSUAL CONDITIONS.  
 ## 37  
 ## 38 UPLED ONTO SAME AT APPROXIMATELY 12MPH CAUSING DAMAGE TO EQUIPMENT AND TRAIN.  
 ## 39 NG THE ACTUAL NUMBER OF FRA REPORTABLE INJURIES INVOLVED IN THIS DERAILMENT VIA WORKING WITH THE  
 ## 40  
 ## 41 SLOW DOWN TO AVOID THE TRAIN.  
 ## 42 T.  
 ## 43  
 ## 44  
 ## 45 ESSIVE FORCES, COMBINED WITH POOR TIE CONDITIONS, CAUSED THE EAST RAIL TO ROLL OUTWARD UNDER MOVEMENT.  
 ## 46 NG THE MOVEMENT OF HIS TRAIN. LONG ISLAND RAILROAD - EQUIPMENT WAS STRUCK FROM BEHIND BY AMTRAK TRAIN.  
 ## 47  
 ## 48  
 ## 49  
 ## 50 LCOHOL POSITIVE - NOT DETERMINED TO BE A CAUSAL FACTOR.  
 ## 51  
 ## 52  
 ## 53 TRAIN CREW MEMBER WAS INJURED.  
 ## 54 NT. TRAIN STRUCK COACHES AT 14 MPH HURTING 3 MECHANICAL EMPLOYEES AND THEMSELVES. 100 FEET OF RAILROAD CROSSING PROTECTED.  
 ## 55  
 ## 56  
 ## 57  
 ## 58 0 GALLONS OF DIESEL FUEL.  
 ## 59 TY 5,000 GALLONS/SPILLED 10 GALLONS OF DIESEL FUEL. THE HIGHWAY USER WHO WAS KILLED WAS ALSO A RAILROAD EMPLOYEE.  
 ## 60  
 ## 61  
 ## 62  
 ## 63  
 ## 64  
 ## 65  
 ## 66  
 ## 67 S TO BNSF EMPLOYEES. DRIVER OF DUMP TRUCK SUFFERED FATAL INJURY.  
 ## 68  
 ## 69  
 ## 70  
 ## 71  
 ## 72 F HAZARDOUS MATERIAL. UTLX 900270 RELEASED APPROXIMATELY 120,000 POUNDS OF CHLORINE. FRA TRACK  
 ## 73 TED 7/18/05 TO ADD 2 ADDITIONAL CLASS "C" INJURIES. UPDATED 8/16/05 TO ADD 12 ADDITIONAL CLASS "C" INJURIES.  
 ## 74 ING FROM EAST TO WEST, AND HIT 3501 A-UNIT JUST NORTH OF THE EAST DOOR. NO SKID MARKS FROM THE TRAIN.  
 ## 75 OF PROPYLENE GLYCOL.  
 ## 76 STOPPED AT MILEPOST #5. END CAR OF THE TRAIN HAD 1 TUCK DERAILED. REFER TO INCIDENT #2005-001.  
 ## 77  
 ## 78 BY THE TRAIN HAD BEEN FOLLOWING ANOTHER TRACTOR TRAILER ACROSS THE CROSSING. THE FIRST TRACTOR TRAILER  
 ## 79  
 ## 80  
 ## 81  
 ## 82 TO STOP FOR THE ACTIVATED FLASHERS AND WAS STRUCK BY THE ONCOMING TRAIN. THREE OF THE FOUR OCCUPANTS WERE KILLED.  
 ## 83 UCK BY DEBRIS.

## 84  
 ## 85 IST IS AS FOLLOWS: 2 LOCOMOTIVES, 2 CREW/SLEEPER CARS (ONE DERAILED) & 9 OTHER CARS (1 COMPUTER  
 ## 86 00 GAL OF DIESEL F  
 ## 87  
 ## 88  
 ## 89  
 ## 90  
 ## 91  
 ## 92  
 ## 93  
 ## 94  
 ## 95  
 ## 96  
 ## 97  
 ## 98  
 ## 99  
 ## 100 S  
 ## 101  
 ## 102 OK AT MILE POST 0. THE CREW STOPPED IN WRIGHT CITY, OK AT MILE POST 8 TO SET OUT 38 CARS ON TH  
 ## 103 RESULTING IN DERAILMENT OF S  
 ## 104  
 ## 105  
 ## 106 N\n\n\n\n\nTRAIN 322 STRUCK THE MAINTENANCE OF WAY EQUIPMENT A SWING LOADER T47948 RESULTING IN  
 ## 107 . TRESTLE COLLAPSED FROM THE EAST  
 ## 108  
 ## 109 5 GAL OF DIESEL F  
 ## 110 MPLOYEES INJURED, DRIVER A FATAL  
 ## 111  
 ## 112  
 ## 113  
 ## 114 AS  
 ## 115 TILX 110109 - STCC 4930228 - HYDROCHLORIC ACID RELEASED 18260 GALLONS\n\n\nTRACK IS NOT CWR\n5/30/  
 ## 116  
 ## 117  
 ## 118  
 ## 119  
 ## 120  
 ## 121 T TRAIN 98 CONSIST AS A RESULT OF THE ENGINEER APPLYING THE THROTTLE WHEN HE SHOULD HAVE APPLIED  
 ## 122  
 ## 123 HE TRAIN AND THE FIRST CAR BEHIND THE ENGINE DERAILED. THE STRIKE ALSO CAUSED THE AMTRAK ENGINE  
 ## 124  
 ## 125  
 ## 126 DRIVER WAS INJURED. RAIL=  
 ## 127 ANGED FROM 4 TO 3\nQUES. 23 DATA ADDED PER FRA REQUEST.\nQUES. 38 CHANGED TO H220 TO MATCH REPORT  
 ## 128  
 ## 129 S THUS WE WERE UNABLE TO MAKE AN OFFICIAL DETERMINATION OF CAUSES.\nCURRENT TOTAL PASSENGER INJUR  
 ## 130 UCK. AS A REULT OF THE INCIDENT 1 EMPLOYEE AND 7 PASSENGERS RECEIVED MEDICAL ATTENT  
 ## 131  
 ## 132 . FORM 54 Q30 CTC. CORRECTED FORM 54  
 ## 133  
 ## 134  
 ## 135  
 ## 136 S  
 ## 137

## 138  
 ## 139 OCOMOTIVE UNIT E/  
 ## 140  
 ## 141 RAIN #229 WAS A SINGLE UNIT CONSIST, PROCEEDING SOUTHBOUND (RAILROAD DIRECTION) UNDER PERMISSIVE  
 ## 142  
 ## 143  
 ## 144 N THE AREA. A TOTAL OF 19 LOADED ETHANOL (ALCOHOLS, N.O.S.) CARS WERE DERAILED. SIXTEEN OF THE C  
 ## 145 ED ALONG WITH SEVERAL CARS. DRIVER WAS ISSUED A CITATION. RAIL =  
 ## 146  
 ## 147  
 ## 148  
 ## 149  
 ## 150  
 ## 151  
 ## 152  
 ## 153 TIME IT WAS STRUCK AT THE CROSSING DUE TO FAILURE TO YIELD RIGHT OF WAY TO TRAIN. DRIVER WAS A  
 ## 154 CARS OF THE 7 MACZ C.  
 ## 155  
 ## 156 CAR TO CATCH FIRE, WITH THE ENTIRE TRAIN CONSIST DERAILED  
 ## 157  
 ## 158  
 ## 159  
 ## 160  
 ## 161  
 ## 162 FRA 7/27/10 SINCE UPRR FILED 55A FOR THEIR EMPLOYEE, SCAX 55A (032010) FOR TRESPASSER WAS DELETED  
 ## 163  
 ## 164  
 ## 165 TIMING SIGNAL 94Z, AND STARTED TO ACCELERATE. AN EMERGENCY BRAKE APPLICATION WAS INITIATED APPROXIMATELY  
 ## 166  
 ## 167  
 ## 168  
 ## 169  
 ## 170  
 ## 171 O TRAIN ATTENDANTS AND ARE UNABLE TO BE CAPTURED UNDER 40 .ENGINEERS/OPERATORS 41. FIREMEN 42. CONDUCTORS 43. C  
 ## 172 APPROXIMATELY 18,000 GALLONS OF DIESEL FUEL SPILLED FROM LOCOMOTIVE, UP9000, WHICH BECAME ENGULFED IN FLAMES. THE TRAIN WAS EVACUATED AND SOME PASSENGERS SUSTAINED INJURIES DURING THE  
 ## 173  
 ## 174 K ALLEGEDLY DROVE AROUND THE GATES & THE TRUCK DRIVER WAS FATALLY INJURED. THERE WERE INJURIES TO THE TRAIN  
 ## 175  
 ## 176  
 ## 177  
 ## 178  
 ## 179  
 ## 180  
 ## 181 O GALLONS OF HAZARDOUS MATERIAL PRODUCT (VINYL CHLORIDE) RELEASED FROM TANK CAR OCPX 80234. APPROXIMATELY 18,000 GALLONS OF DIESEL FUEL SPILLED FROM LOCOMOTIVE, UP9000, WHICH BECAME ENGULFED IN FLAMES. THE TRAIN WAS EVACUATED AND SOME PASSENGERS SUSTAINED INJURIES DURING THE  
 ## 182 ELING SOUTH. CROSSING ARMS, CROSSING AUDIBLE WARNINGS, AND CROSSING FLASHING LIGHTS WERE FUNCTIONING  
 ## 183  
 ## 184 NCLUDING 1 LEAD SERVICE ATTENDANT  
 ## 185  
 ## 186 M  
 ## 187  
 ## 188 CROSSING AND IN FRONT OF ONCOMING TRAIN. THE CROSSING GATES CAME DOWN AT THE FRONT OF THE LONG TRAIN  
 ## 189  
 ## 190  
 ## 191

## 192  
 ## 193 BRAKES APPLIED IN E-TRACK. THE CARS WERE RELEASED INTO THE TRACK AT 8 MPH AS CONFIRMED BY THE DO  
 ## 194 S  
 ## 195  
 ## 196 ENGINEER AND TWO PSGRS REPORTED INJURY. MODERATE DAMAGE TO TRAIN, TOTALED TRAILER AND PASSENGER  
 ## 197  
 ## 198  
 ## 199 D TRAIN #1581 AFTER TRAIN #1548 CAME TO A STOP DUE TO THE DERAILED  
 ## 200  
 ## 201  
 ## 202 K WAS FACING NORTHBOUND ON RIVER. WAITING AT THE TRAFFIC LIGHT TO MAKE A RIGHT TURN ACROSS THE  
 ## 203  
 ## 204  
 ## 205  
 ## 206  
 ## 207  
 ## 208  
 ## 209 ES INCLUDED IN THE TOTAL INJURED EMPLOYEES COUNT. AMTRAKS EQUIPMENT DAMAGE IS \$125,985.00. SIX  
 ## 210 WO LOCATIONS. H199 - UNDIAGNOSED MEDICAL CONDI  
 ## 211 CREW MEMBERS REPORTED INJURIES AS DID SOME OF THE HIGHWAY USERS. BNSF DAMAGES ARE \$643,  
 ## 212 128076 HAD AN ESTIMATED 218,279 POUNDS OF SODIUM CHLORATE RELEASED AS A RESULT OF THIS CROSSING  
 ## 213  
 ## 214  
 ## 215 TO THE DERAILED. IN TOTAL 2 LOCOMOTIVES AND 4 CARS DERAILED. 3 CARS CARRIED PASSENGERS. TI  
 ## 216 MACHINERY BECAME WEDGED UNER CC/9639 CAUSING THE UNIT TO DERAILED AND A FIRE TO START BURNING. AM  
 ## 217 T AND WERE TRANSPORTED TO A MEDICAL FACILITY FOR EVALUATION. CAB CAR SUSTAINED CONSIDERABLE DAM  
 ## 218  
 ## 219 E WERE A TOTAL OF FIVE (5) EMPLOYEE NON-FATAL INJURIES. FOUR (4) CREW MEMBERS AND ONE (1) ONBOARD  
 ## 220  
 ## 221  
 ## 222  
 ## 223  
 ## 224  
 ## 225  
 ## 226  
 ## 227  
 ## 228 KS. AMTRAKS EQUIPMENT DAMAGE IS \$4,148,125  
 ## 229  
 ## 230 ROAD, THE TRAIN CREW IN #40-#43 CONSISTED OF THE ENGINEER AND THE CONDUCTOR. THERE WERE ALSO 2  
 ## 231 NE CAME TO REST A DISTANCE AWAY IN CONRAIL FRANKFORD YARD. THREE (3) CLASS B EMPLOYEES WERE DEAD  
 ## 232  
 ## 233 RAIN 284. A 2 YEAR OLD CHILD IN THE AUTOMOBILE WAS AIR LIFTED TO COOPER MEDICAL CENTER CAMDEN NJ  
 ## 234 TEMPORARY STEEL SPANS SUPPORTED BY A FRAMED TIMBER BENT ON THE SOUTH END. THE FRAMED TIMBER BEN  
 ## 235 IS \$510,025  
 ## 236 TOR PLACED TRAIN INTO EMERGENCY PRIOR TO IMPACTING THE TRAILER. THE TRAILER THEN COLLIDED WITH  
 ## 237 NJURY ADDED 4-21-15. QUESTIONS 17, 18 & 24 UPDATED 4.30.15 PER FRA. QUES. 28 UPDATED 7-1  
 ## 238  
 ## 239 ENANCE OF WAY DAMAGE IS \$13,993.00. AMTRAKS EQUIPMENT DAMAGE IS \$26,000  
 ## 240  
 ## 241 THE LOCOMOTIVE DERAILED ON ITS SIDE AND THE BAGGAGE CAR DERAILED UPRIGHT. AMTRAKS EQUIPMENT D  
 ## 242  
 ## 243  
 ## 244 HURCH ROAD AND FAILED TO STOP AT THE CROSSING. THE DRIVER OF THE TRUCK WAS THE SOLE OCCUPANT AND  
 ## 245 HIS TIME. AMTRAKS EQUIPMENT DAMAGE IS \$28,809



## 246 F THE TIES.THIS COLLISION RESULTED IN 7 PASSENGER BEING TRANSPORTED TO THE HOSPITAL WITH POSSIB  
 ## 247 ED EQUIPMENT DAMAGE IS \$53,662  
 ## 248  
 ## 249  
 ## 250 WITH TRACK STRUCTURE. AMTRAKS EQUIPMENT DAMAGE IS \$2,784,355  
 ## 251  
 ## 252  
 ## 253 L LEFT TURN IN FRONT OF THE LRV. CROSSING GATES AND FLASHERS WERE ALL OPERATIONAL AT THE TIME OF  
 ## 254 AILED TO CLEAR EQUIPMENT FROM TRACK PRIOR TO RELEASING FOUL TIME. THE POSITIVE DRUG RESULTS WERE  
 ## 255  
 ## 256  
 ## 257 T DAMAGE IS \$15,066  
 ## 258 RUCK AND PUSHED IT UP THE ROW. THE LEAD CAR SUBSEQUENTLY DERAILED BUT REMAINED UPRIGHT. SEVERAL I  
 ## 259 AGE OF THE DRIVER WAS NOT AVAILA  
 ## 260  
 ## 261 IPMENT DAMAGE IS \$34,667  
 ## 262 LEAD CAB CAR OFF THE TRACKS, DOWN THE ALAMEDA CREEK EMBANKMENT AND COMING TO REST ON ITS SIDE I  
 ## 263  
 ## 264  
 ## 265 ES. THE TRAILING LOCOMOTIVE REMAINED UPRIGHT. TWO OF THE FIVE EMPLOYEES THAT WERE INJURED WERE  
 ## 266 E OF THE DERAILEMENT -- FAILED TO SLOW TO 40 MPH FOR AN APPROACH SIGNAL AT MP 16.6 AND SUBSEQUENT  
 ## 267 ED OUT OF THE CAB BEFORE THE TRAIN STRUCK. THE AGE AND GENDER OF THE TRUCK DRIVER WAS NOT AVAILA  
 ## 268 CAR CBTX 781553 ON FIRE. HAZMAT RELEASE: CBTX 781553 RELEASED 29,712 GALLONS OF PROPANE LIQUEFIE  
 ## 269  
 ## 270  
 ## 271 S UNKNOWN. HIGHWAY USER SPEED IS AN ESTI  
 ## 272 HE TRACKS AND DID NOT MOVE IN TIME BEFORE THE COLLISION. AMTRAKS EQUIPMENT DAMAGE IS \$22,421  
 ## 273  
 ## 274 A SURVALANCE CAMERA DURING THE ENTIRE INCIDENT. WE OPERATE BY TRACK WARRANT CONTROLL AND BULLIT  
 ## 275  
 ## 276  
 ## 277 PENN STATION. 4 INJUR  
 ## 278 SE AND UPDATED FORM TO REFLECT TODAY'S D  
 ## 279 APPARATUS ACTIVATED AND THE DRIVER MOVED HIS VEHICLE FURTHER INTO THE CROSSING AND STOPPED IN TH  
 ## 280 AGE IS ESTIMATED AT \$500,  
 ## 281 BEAT THE TRAIN ACROSS THE TRACKS AND THE FRONT OF THE TRUCK STRUCK THE LEFT SIDE OF THE TRAIN. A  
 ## 282 WAS CARRYING MEMBERS OF CONGRESS. THE TRUCK WENT AROUND GATE AND STOPPED ON THE TRACKS. THE CON  
 ## 283  
 ## 284  
 ## 285  
 ## 286 TRAIN WAS TEMINATED AT THE LOCAT  
 ## 287 REIGHT TRAIN, F777-03, ON THE CSX COLUMBIA SUBDIVISION, AT MP 367.1. AS A RESULT E/47 DERAILED ON  
 ## 288  
 ## 289 ICE PREVENTING THE DISPATCHER FROM LINING TRAIN THRU THE SOUTH END OF STATION (NORMAL ROUTE) THE  
 ## 290  
 ## 291 E WAS FATALLY INJUR  
 ## 292  
 ## 293  
 ## 294  
 ## 295  
 ## 296  
 ## 297 T STRUCTURAL DAMAGE TO THE ENGINE U  
 ## 298 ED AROUND E,  
 ## 299

## 300  
## 301 TRAIN . MOTORCYCLE CAUGHT FIRE AND THE FLAMES ENTERED THE DMU ENGINE AIR INTAKE, DAMAGING THE EN  
## 302 ON BOARD, TWO WERE CREW MEMBERS WORKING THE TRAIN, TWO WERE DEADHEADING EMPLOYEES, AND ONE WAS A  
## 303  
## 304  
## 305  
## 306 ME. CAR OLN32000 RELEASED 14000 GALLONS HYDROCHLORIC ACID, CAR TILX200141 RELEASED 12000 GALLONS  
## 307 TO DETERMINE WHO WAS THE DRIVER OF THE MOTOR VEHICLE. 04-17-2019, UPDATED TIME OF INCIDENT AND #  
## 308  
##  
## 1  
## 2  
## 3  
## 4 TION AT 9:11 AM. THE CREW ON THE HOB46 ARRIVING AT WTC WAS INSTRUCTED TO KEEP THE DOORS CLOSED  
## 5  
## 6  
## 7  
## 8  
## 9  
## 10  
## 11  
## 12 OF WAY. THE MATERIALS BEING CARRIED AND LOCOMOTIVE FUEL WERE NOT SPILLED. DRUGS AND ALCOHOL W  
## 13 WERE THE SIXTH, SEVENTH, AND EIGHTH CARS IN THE CONSIST. SIXTH AND SEVENTH CARS COMPLETELY DERAIL  
## 14 ON OF APPROXIMATELY 20 HOMES IN A HALF-MILE RADIUS IMMEDIATELY EAST OF THE DERAILMENT SITE AND  
## 15  
## 16 OBJECT AND D  
## 17  
## 18  
## 19  
## 20 R REPORTS THAT HIS ATTENTION HAD SHIFTED DUE TO AN UNSTABLE PERSON ON THE PLATFORM - WHOM HE I  
## 21  
## 22  
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## 33  
## 34  
## 35 T BEYOND THE BUMPING BLOCK CAUSING EXCESSIVE DAMAGE TO THE DRAW HEADS, PLATFORM AREA AND CONSIST  
## 36  
## 37  
## 38  
## 39 LAIMS DEPART  
## 40  
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URNED. THREE CARS DER.

ROAD EMP

SS AND CONSIST SPEED ARE CO

INJURIES UPDATED 11/28/05 TO REFLECT ACCURATE TOTAL OF FATALITIES FOR TRA  
EXPLORER WERE FOUND AND THE DRIVER WAS TRANSPORTED TO COOPER HOSPITAL. HE STILL REMAINS IN TI

ER STOPPED JUST PAST THE CROSSING. THE SECOND TRACTOR TRAILER WAS THEN TRAPPED ON THE CROSSING

S WERE FATALLY INJURED, THE FOURTH OCCUPANT WAS AIRLIFTED TO A HOSPITAL. THE IMPACT CAUSED MI

, 3 WATER TANK CARS, 5 GRINDER C

## 99  
## 100  
## 101  
## 102 OP TRACK IN THE WRIGHT CITY YARD. THEY CAME BACK OUT OF THE LOOP TRACK TO THE MAIN AND PICKED  
## 103  
## 104  
## 105  
## 106 RIES AND FATALITIES MOW EQUIPMENT DESTROYED \$95000\n\nREVISED 7 30 2008 AFTER CONFERRING  
## 107  
## 108  
## 109  
## 110  
## 111  
## 112  
## 113  
## 114  
## 115 CORRECTED Q32 \n10/05/07 - UPDATED Q  
## 116  
## 117  
## 118  
## 119  
## 120  
## 121  
## 122  
## 123 SIDESWIPE A FREIGHT TRAIN ENGINE ON AN ADJACENT T  
## 124  
## 125  
## 126  
## 127 LED BY THE UPRR\nQUES. 47 CHANGED FROM 25 TO 24 PASSENGER FATALITIES. PASSENGER INJURIES CHANG  
## 128  
## 129 AS OF JULY 2010 = 135\nNO INCIDENT NUMBER NEEDED FROM CSX\nBLOCK 36 - BREAKS DOWN AS FOLLOWS  
## 130  
## 131  
## 132  
## 133  
## 134  
## 135  
## 136  
## 137  
## 138  
## 139  
## 140  
## 141 NAL INDICATION, WITH THIRTY-FOUR (34) PASSENGERS ON BOARD. THE FRONT-END LOADER, WITH A SINGLE  
## 142  
## 143  
## 144 WERE DESTROYED AND RELEASED 323,963 GALLONS OF ETHANOL, THIRTEEN OF THESE WERE INVOLVED IN F  
## 145  
## 146  
## 147  
## 148  
## 149  
## 150  
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## 153 FTED TO UNIVERSITY HOSPITAL IN SAN ANTONIO, TX. THREE EMPLOYEES INJURED. DRIVER WAS ISSUED A  
 ## 154  
 ## 155  
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 ## 161  
 ## 162  
 ## 163  
 ## 164  
 ## 165 MATELY TWO SECONDS BEFORE LEAD CAR 853 STRUCK THE BUMPING BLOCK AT THE EAST END OF THE TERMINAL  
 ## 166  
 ## 167  
 ## 168  
 ## 169  
 ## 170  
 ## 171 CTORS 43. BRA  
 ## 172  
 ## 173 EVACUATION. INJURED PASSENGERS WERE TRANSPORTED TO MEDICAL FACILITIES FOR TREATMENT OF NON LI  
 ## 174 REW MEMBERS AND COMMUTER PASSENGERS. RAIL  
 ## 175  
 ## 176  
 ## 177  
 ## 178  
 ## 179  
 ## 180  
 ## 181 MATELY 680 PEOPLE EVACUATED AND THE SIZE OF THE AFFECTED AREA WAS 260 PROPERTIES WITHIN A 27 B  
 ## 182 G AS INTENDED. TRAIN WAS FUNCTIONING AS INTENDED. TRAIN OPERATOR WAS UNABLE TO STOP IN  
 ## 183  
 ## 184  
 ## 185  
 ## 186  
 ## 187  
 ## 188 ER BEING PULLED BY THE SEMI TRUCK AS THE VEHICLE MOVED VERY SLOWLY ACROSS THE CROSSING. TRAIN  
 ## 189  
 ## 190  
 ## 191  
 ## 192  
 ## 193 AD OF THE LOCOMOTIVE. THE IMPACT OF THE 9 CARS KICKED INTO THE 12 CARS DERAILED TILX 316860 AN  
 ## 194  
 ## 195  
 ## 196  
 ## 197  
 ## 198  
 ## 199  
 ## 200  
 ## 201  
 ## 202 ROAD TRACKS ON MAIN ST. A CAR TRAVELING NORTHBOUND, REAR ENDED THE PICKUP TRUCK PUSHING IT ON  
 ## 203  
 ## 204  
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## 207  
 ## 208  
 ## 209 BOARD SERVICE EMPLOYEES AND 4 CREW EMPLOYEES WERE IN  
 ## 210  
 ## 211  
 ## 212 IDENT AND DERAILMENT. THERE WAS A VOLUNTARY EVACUATION OF BALTIMORE COUNTY, BUT NO ONE REPORT  
 ## 213  
 ## 214  
 ## 215 WERE 22 MINOR PASSENGER INJURIES AND 2 REPORTABLE CREW INJURIES. THERE WAS AN IMMEDIATE RESPON  
 ## 216 S EQUIPMENT DAMAGE IS \$1,000,000  
 ## 217  
 ## 218  
 ## 219 SERVICE TRAIN ATTEN  
 ## 220  
 ## 221  
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 ## 229  
 ## 230 ONS DEADHEADING FOR A TOTAL OF FOUR EMPLOYEES WHO WERE IN  
 ## 231 ING TO AND OR HOME FROM WORK AND ONE (1) TRAIN ATTENDANT ALSO RECEIVED AN INJURY. THE NATIONAL  
 ## 232  
 ## 233 RE THE CHILD PASSED AWAY. THE DRIVER OF THE AUTOMOBILE AND 5 CUSTOMERS ON TRAIN 284 WERE TRANS  
 ## 234 VED TO THE SOUTH ALLOWING THE STEEL SPANS AND CRANE TO FALL THROUGH THE BRIDGE. FOUR EMPLOYEES  
 ## 235  
 ## 236 RAL OTHER VEHICLES IN THE AREA, CAUSING INJURY TO SEVERAL OF THE VEHICLE OCCUPANTS. THE TRAIN  
 ## 237  
 ## 238  
 ## 239  
 ## 240  
 ## 241 E IS \$2,013,371.00. THE AGE OF THE DRIVER IS UN  
 ## 242  
 ## 243  
 ## 244 NOT SURVIVE. MT PLEASANT CHURCH ROAD IS A DIRT-PUBLIC ROAD CROSSING WITH CROSSBUCKS ON BOTH S  
 ## 245  
 ## 246 ECK INJ  
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 ## 251  
 ## 252  
 ## 253 INCIDENT. LOCAL FIRE, POLICE AND EMS, ALONG WITH NJ TRANSIT POLICE, IMMEDIATELY RESPONDED. TH  
 ## 254 OT DEEMED TO BE A CAUSAL FACTOR IN THIS INCIDENT. OTHER ON DUTY EMPLOYEES REPORTING INJURY WERE  
 ## 255  
 ## 256  
 ## 257  
 ## 258 ENGERS WERE TRANSPORTED FOR POSSIBLE INJURIES. CROSSING WARNING SYSTEM FUNCTIONED AS INTI  
 ## 259  
 ## 260

## 261  
 ## 262 E CREEK. THE LEAD CAB CAR HAD COMPLETELY DETACHED ITSELF FROM THE REST OF THE CONSIST. THE A E  
 ## 263  
 ## 264  
 ## 265 BOARD SERVICE EMPLOYEES. THIS WAS THE INAUGURAL RUN FOR THIS ROUTE. SCR REPORTS \$425,000 IN DA  
 ## 266 AILED TO STOP SHORT (NEXT SIGNAL) OF A STOP SIGNAL AT BRIDGE 14. TRAIN TRAVELED OVER DERAILED PAS  
 ## 267  
 ## 268 TROLEUM GAS; ITDX 5082 RELEASED 13,229 GALLONS OF MOLTEN SULFUR; UTLX 643949 RELEASED 14,092 G  
 ## 269  
 ## 270  
 ## 271  
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 ## 278  
 ## 279 a\200\231 SECTION BETWEEN UP AND RTDC TRACKS. THE DRIVER OF THE CAR REMAINED STATIONARY THEN SLOW  
 ## 280  
 ## 281 AKS EQUIPMENT DAMAGE IS \$11,4  
 ## 282 ED CONSIST SPEED IS C  
 ## 283  
 ## 284  
 ## 285  
 ## 286  
 ## 287 S SIDE AND FIVE CARS DERAILED. THE TWO AMTRAK CREW MEMBERS IN THE LOCOMOTIVE WERE FATALLY INJUR  
 ## 288  
 ## 289 DING END OF BAG CAR CLIMBED RAIL DUE TO SNOW AND ICE OBSTRUCTION AND STARTED DOWN MAIN TRACK IN  
 ## 290  
 ## 291  
 ## 292  
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 ## 300  
 ## 301 . STRUCTURAL DAMAGE FROM COLLOISION TO SIDE OF DMU BODY. THE MOTORCLE OPERATOR DIED AS A RESULT  
 ## 302 FF-DUTY EMPLOYEE COMMUTING TO/FROM WORK. THE INJURED EMPLOYEES WERE NOT THE TRAIN CREW. THERE  
 ## 303  
 ## 304  
 ## 305  
 ## 306 DROGEN PEROXIDE, CAR GATX31792 RELEASED 1 GALLON SODIUM BISULPHITE AND CAR OLNX114043 RELEASED  
 ## 307 ARS DER  
 ## 308  
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 ## 4 OPERATE THROUGH THE WTC WITHOUT STOPPING. THESE PASSENGERS WERE RE-ROUTED TO 33RD STREET. AT  
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OT A FACTOR IN THIS ACCIDENT. THE LOCOMOTIVE RECEIVED EXTENSIVE DAMAGE TO THE FRONT - ALL SAFE  
EIGHTH CAR HAD ONLY THE FRONT TRUCK DERAILED. PASSENGERS WERE REMOVED FROM THE SITE BY BUS A  
NS IN EFFECT AS OF 2/27/02. ONE FATALITY TO A MINOT, ND RESIDENT RESULTED DURING VOLUNTARY EVA

MIGHT JUMP IN FRONT OF THE TI

HE OPERATING CAR (808) NUMBER ONE TRUCK WAS RAISED 10 INCHES IN THE AIR, AND WAS BEING HELD UP I



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PITAL AS OF 5/2

AS STRUCK BY THE T

MAGE TO THE LEAD LOCOMOTIVE BUT DESTROYED THE FLASHERS AND MAINTAINER'S SHANTY AT THE CROSS

E REST OF THEIR TRAIN, 21 LOADS OF MIXED FREIGHT. THERE WERE TWO HAZMAT CARS ON THE END OF THE

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## 127 OM 55 TO 54.\n\nUPDATED 12/15/08 TO INCLUDE ONE ADDITIONAL CLASS "C" INJURY.\nQUES. 28 CHANGED T  
## 128  
## 129 OF COACH REPAIRS = 351,796 - ESTIMATED COST OF REPAIRS TO LOCOMOTIVE 500,000, ESTIMATED COST TO  
## 130  
## 131  
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## 140  
## 141 ON) OCCUPANT, WAS STRUCK BY THE (A) END OF CAR 3510 ON THE DRIVER''S RIGHT CORNER OF THE RAISED I  
## 142  
## 143  
## 144 FLAME. AN EVACUATION OF APPROXIMATELY 2,000 PEOPLE FOR 20 HOURS TOOK PLACE DUE TO THE HAZARDOUS  
## 145  
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## 164  
## 165 E LEAD CAR MOVED PAST THE 7 CAR MARKER, AND STRUCK THE BUMPING BLOCK. THE FORCE OF THE IMPACT S  
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EATENING INJUR

REA AND THE LENGTH OF THE EVACUATION WAS 7 I

K THE REAR OF THE TRAILER THAT WAS BEING PULLED BY THE SEMI TRUCK. THE COLLISION RESULTED IN C

319655 (LOAD STANDING IN THE TRACK). TILX 319655 SUSTAINED A PUNCTURE TO THE TANK AND THERE WAS

TRACKS AT THE CROSSING. KNOCKING DOWN A HIGHWAY CROSSING FIXTURE. WHICH LANDED ON TO TOP OF TI

THE OUTREACH CENTER THAT WAS SET UP FOR ANY BUSINESSES OR RESIDENTS THAT WANTED TO EVACU

LLOWED BY AN INVESTIGATION AND REPORTING TO THE NRC FOLLOWING THE INCIDENT. ALL PASSENGERS AND

## 222  
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 ## 230  
 ## 231 PORTATION SAFETY BOARD DETERMINED THAT THE PROBABLE CAUSE OF THE ACCIDENT WAS THE ENGINEERS ACCI  
 ## 232  
 ## 233 TO THE HOSPITAL WITH NON LIFE THREATENING INJUR  
 ## 234 AINED INJURIES WHEN THE CRAN FELL. THE RESPONSES IN BOX #40 AND #46 ARE CORRECT. THERE WAS ON  
 ## 235  
 ## 236 ED ROUGHLY 812 FT FROM THE CROSSING AND CALLED DISPATCH FOR A 911 EMERGENCY CALL. NO DERAILEMEN  
 ## 237  
 ## 238  
 ## 239  
 ## 240  
 ## 241  
 ## 242  
 ## 243  
 ## 244 ALL THREE EMPLOYEES WERE TRANSPORTED VIA AMBULANCE TO CRISP REGIONAL MEDICAL CENTER. ALL THREE  
 ## 245  
 ## 246  
 ## 247  
 ## 248  
 ## 249  
 ## 250  
 ## 251  
 ## 252  
 ## 253 RE 2 REPORTED INJURIES TO THE OCCUPANTS OF THE AUTOMOBILE, AND 3 REPORTED INJURIES FROM THE PAS  
 ## 254 RT OF THE ENGINEERING WORK CREW OR  
 ## 255  
 ## 256  
 ## 257  
 ## 258  
 ## 259  
 ## 260  
 ## 261  
 ## 262 CKS OF CAR #4 DERAILED AS WELL BUT STAYED IN THE UPRIGHT POSITION. A TOTAL OF 214 PASSENGERS WE  
 ## 263  
 ## 264  
 ## 265  
 ## 266 NAL RESULTING IN TRAIN DERAILING THE LEAD LOCO AND THREE C  
 ## 267  
 ## 268 OF ELEVATED TEMPERATURE LIQUID N.O.S.; PERSONS EVACUATED -  
 ## 269  
 ## 270  
 ## 271  
 ## 272  
 ## 273  
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## 276  
## 277  
## 278  
## 279 RWARD, STOPPED, AND THEN PULLED DIRECTLY IN FRONT OF AN RTDC NORTHBOUND TRAIN. THE TRAIN COLLIDED  
## 280  
## 281  
## 282  
## 283  
## 284  
## 285  
## 286  
## 287 SX CONFIRMED THEY WILL BE IDENTIFYING THEIR EMPLOYEE(S), AND PROVIDING THEIR EMPLOYEE(S) FRA FOR  
## 288  
## 289 OF THE INTENDED ROUTE, STATION TRACK  
## 290  
## 291  
## 292  
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## 296  
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## 299  
## 300  
## 301 HE COLL  
## 302 BE ANY NUMBER OF ON-DUTY EMPLOYEES THAT ARE USING THE TRAIN FOR COMMUTATION. THE GUIDE STATES  
## 303  
## 304  
## 305  
## 306 ND OF CHLO  
## 307  
## 308  
##  
## 1  
## 2  
## 3  
## 4 AM THE PATH EMERGENCY OPERATIONS PLAN WAS PUT INTO EFFECT AND REMAINING SERVICE OPERATED ON A  
## 5  
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## 11  
## 12 PLIANCES - CONDUCTOR SIDE STEPS - HAND RAILS - TRACK DAMAGE REPLACED TWO PIECES RAIL - TIES -  
## 13 KEN TO LAUREL, INDIANA ELEMENTARY SCHOOL BEFORE BEING RELEASED. TEN PASSENGERS WERE TAKEN TO  
## 14 ON. APPROXIMATELY 1,000-2,000 PEOPLE WERE SEEN AND EVALUATED AT HOSPITALS AND CLINICS WITH S  
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E PLATFORM. THE ENGINEER STATES THAT HE WAS PROCEEDING AT A SUFFICIENTLY LOW SPEED. HE APPL.

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N. THE WDL WAS OPERATING UNDER YARD LIMIT RULE AS THE APPROACHED HIGHWAY 98 CROSSING. THEY I

PER FRA REQUEST.\nQUES. 35B CHANGED TO "2" PER FRA REQUEST.\nUPDATED 3/11/09 TO INCLUDE ONE I

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IR 192 SEAT FRAMES =

T. THE FRONT END LOADER WAS OPERATED BY A SNOW REMOVAL CONTRACTOR IN A PUBLICLY ACCESSIBLE R

EASE AND FIRE. THE DERAILMENT AND ENSUING FIRE CAUSED 1 DEATH AND INJURIES TO 11 INDIVIDUALS

ELY DAMAGED THE BUMPING BLOCK, AND THE SURROUNDING CONCRETE ON THE PLATFORM AT THE NORTH END



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TIES TO CITIZENS THAT WERE RIDING ON THE TRAILER PORTION OF THE

LOSS OF 29,245 GALLONS OF ACRYLONITRILE. FOUR TAMINCO EMPLOYEES WERE TREATED FOR EXPOSURE TO A

THERE WERE 50 CUSTOMERS ON BOARD, WITH 1 REPORTED INJURY. THE VEHICLE OPERATOR REPORTED NO

WERE TRANSPORTED BACK SAFELY TO SKAGWAY WHERE 19 PASSENGERS WERE TREATED AT THE LOCAL CLINIC

TION TO 106 MILES PER HOUR AS HE ENTERED A CURVE WITH A 50 MILE PER HOUR SPEED RESTRICTION, D

RATOR ON THE CRANE AND A TOTAL OF FOUR RAILROAD EMPLOYEES THAT WERE INJURED. THE OTHER EMPLO

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OYEES WERE GIVEN PRESCRIPTION AND PRESCRIBED TI

RS ONBOARD THE LRV, ALL OF WHICH WERE TRANSPORTED TO LOCAL HOSPITALS. THE LRV WAS RELEASED AT

ACUATED FROM THE TRAIN. OUT OF THE 214 PASSENGERS EVACUATED, 9 REPORTED INJURIES AND 0 FATALITY.

TH THE CAR RESULTING IN THE DEATH OF THE DRIVER. CORONER'S REPORT CONFIRMED SUICIDE. ONE PASS

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## 302 DEADHEADING EMPLOYEES SHOULD BE SHOWN AS ON-DUTY BUT THEYâ200\231RE NOT PART OF THE â200æNUMBE  
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## 4 UTE SCHEDULE. AT 10:45 AM PASSENGER TRAIN OPERATIONS WERE SUSPENDED AS A RESULT OF CONCERNS FOR I  
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## 13 E MEMORIAL HOSPITAL IN CONNERSVILLE. NINE WERE TREATED AND RELEASED. ONE WAS KEPT OVERNIGHT FOR  
## 14 NG TREATED AND/OR ADMITTED INTO THE HOSPITAL. EMERGENCY RESPONSE DISPATCHED, COMPANY PERSONNEL  
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## 35 POINTS OF POWER BRIEFLY AFTER PASSING SIGNAL 98Z. HE ALLEGED THAT HE APPLIED THE BRAKES BUT IT

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## 102 RACK WARRANT, WARRANT NUMBER SEVEN (7), PROCEED FROM MILE POST 23 TO VALLIANT. ON THE WARRANT N  
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## 126  
## 127 NAL "C" CLASS, NON-FATAL INJURY.\nUPDATED 3/16/09 TO INCLUDE 2 "C" CLASS, NON-FATAL INJURIES.\nU  
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## 141 THE FRONT END LOADER SLIPPED ON ICE AND TRAVERSED THE ROADWAY CURB RESULTING IN ITS FOULING THE I  
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## 144 AREA AT THE TIME OF THE INCIDENT OR RESPONDING TO THE DERAILMENT. FRA POST ACCIDENT DRUG AND A  
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## 165 BUMPING BLOCK. IN ADDITION, SEVERAL TURNSTILES WERE DAMAGED. BOTH THE NORTH AND SOUTH RAILS AT  
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## 202 . THERE WAS MINOR DAMAGE TO THE CAR BODY, IN ADDITION TO THE WINDSHIELD BEING BROKEN WHEN THE H  
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## 215 WERE RELEASED TO THEIR CRUISE SHIPS. TWO PASSENGERS REPORTED MINOR INJURIES AT A LATER DATE AND  
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## 231 IS LOSS OF SITUATIONAL AWARENESS LIKELY BECAUSE HIS ATTENTION WAS DIVERTED TO AN EMERGENCY SITUAT  
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## 234 INVOLVED WERE NOT ON THE CRANE AT THE TIME OF THE INCIDENT BUT ON THE BRIDGE AND GROU  
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IMATELY 12:35 PM, AND THE TRAIN WAS RETURNED TO THE CLRC FOR INSPECTION, INVESTIGATION AND REP

\nCORRECTION TO ITEMS 14,22,27,S

S ACTUALLY A CONTRACT TRANSIT POLICE OFFIC

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IC SAFETY. BOTH TOWERS FELL CAUSING DEBRIS TO FALL INTO THE STATION AND ON A TRAIN LOCATED ON T

SERVATION AND RELEASED THE NEXT DAY. NONE OF THE TRAIN CREW WERE INJURED. DERAILMENT SITE WAS  
WELL AS NTSB AND FRA PERSONNEL AT SITE. STATIONARY COMMAND CENTER SET UP AT LOCAL FIRE STATION

NO EFFECT. HE ALLEGED THAT HE CONTINUED TO APPLY THE SERVICE BRAKE UNTIL EVENTUALLY PLACING TH

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## 102 R 7 UNDER "OTHER SPECIFIC INSTRUCTIONS: THEY WERE INSTRUCTED TO FLAG NEW 98 CROSSING AT WRIGHT C.

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## 127 ED 11/10/09. NUMBER OF NON-FATAL PASSENGER INJURIES DECREASED FROM 58-TO-57. DURING MECICAL RECO  
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## 141 THE TRAIN OPERATION APPLIED AN EMERGENCY BRAKING AND STRUCK THE FRONT END OF LOADER AT A SPEED (C  
## 142  
## 143  
## 144 OL TESTING WAS DONE ON THE CREW AND ALL RESULTS WERE NEGATIVE. #11 ACTUAL NUMBER IS 2000 PEOPLE  
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ED TO THE BUMPING BLOCK BROKE AWAY AT THE INSULATED JOINTS, AND WERE PUSHED 5 FEET EAST. THE NO

AY CROSSING FIXTURE STRUCK THE WINDSHIELD. THE DRIVER OF BOTH AUTO VEHICLE WERE TAKEN TO THE HO

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ACCOUNTED 1

WITH ANOTHER TRAIN. AMTRAKS EQUIPMENT DAMAGE IS \$27,140,000

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3 AT WORLD TRADE CENTER. CARS IN CONSIST WERE: 612-139-750-731-160-143-745. FLOODING OCCURRED

## 12  
## 13 ECTED BY FRA TRACK INSPECTOR THE NEXT MORNING. CAUSE WAS DETERMINED TO BE A RAIL WHICH BROKE UP  
## 14 A MOBILE COMMAND CENTER NEAREST DERAILMENT SITE HAS BEEN SET UP. FIRE DEPARTMENT RESPONDED AND I  
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## 35 AKE VALVE INTO THE EMERGENCY POSITION. CAR WAS THEN TOO CLOSE TO THE BUMPING BLOCK. SEVERAL PAS  
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AFTER COUPLING INTO THEIR TRAIN THEY WERE APPROXIMATELY 1/2 MILE FROM 98 CROSSING. THE CONDU

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## 127 HECK IT WAS DISCOVERED THAT ONE INDIVIDUAL HAD BEEN LISTED TWICE. HARD COPIES OF ALL INJURIES AND  
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## 141 MPH. THERE WERE NO (0) INJURIES REPORTED BY THE LRV OPERATOR, THE FRONT END LOADER OPERATOR OR  
## 142  
## 143  
## 144 CUATED. THE CARS THAT WERE DESTROYED AND RELEASED HAZMAT WERE: CTCX 731600, CTCX 731601, CTCX 731602  
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## 165 AXLE OF LEAD CAR 853 REMAINED ON THE RAILS, AND THE NO. 2 AXLE DERAILED FOUR INCHES TO THE SOUTH  
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AL AS PRECAUTIONARY FOR EVALUAT

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WATER FLOWED AS FAR AS EXCHANGE PLACE STATION IN JERSEY CITY. MAINTENANCE PERSONNEL WORKED ROUN

MOVING TRAIN. RAIL BREAK WOULD BE DESCRIBED AS AN ORDINARY BREAK. ANY PRIOR INSPECTION OF RAIL  
D DOWN HAZMAT CARS. SPAN OF DERAILMENT SITE TOTALED 475 FEET. SINGLE MAIN CWR TRACK, CLASS 3, 4

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GERS IN CAR 808 WERE INJURED INCLUDING A PASSENGER ON THE PLATFORM. CAR EQUIPMENT DIVISION GAVE

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## 102 STATED THAT THEY HAD A JOB BRIEFING AS THE LOCOMOTIVE BEGAN TO FLAG THE CROSSING\nTHE BRAKEMAN N  
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## 141 34 PASSENGERS ONBOARD THE TRAIN. THE LRV SUSTAINED DAMAGE TO THE BODY FRAME/STRUCTURE, WINDSHIELD  
## 142  
## 143  
## 144 96, CTCX 731599, CTCX 730958, CITX 224236, TILX 193772, TILX 193767, NATX 303375, NATX 303504, I  
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## 165 AR 853 SUSTAINED DAMAGE TO THE NO. 1 END ANTI-CLIMBER, FIBERGLASS BONNET, PANTOGRAPH GATES, DRAF  
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NAI  
HE CLOCK TO PUMP TUNNELS E AND F AND BUILD INTERIM WATER BARRIERS TO PREVENT POTENTIALLY CATASTR  
LD NOT HAVE NOTICED ANY VISUAL DEFECT. TRAIN WAS MOVING AT APPROXIMATELY 12 M  
PH. HULCHER RERAILED CARS. SERVICE RESUMED AT APPROXIMATELY 0600 CST ON 1/23/02. CONDUCTOR RE  
EQUIPMENT, ONCE RE-RAILED A STANDING BRAKE TEST. THE EMERGENCY BRAKE AND PILOT VALVE DEAD MAN I

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## 102 LLY RIDES THE TRAILING LOCOMOTIVE BUT WAS ON THE HEAD END TO FLAG THE CROSSING. THE CONDUCTOR S  
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## 141 HEELS, PLOW AND TRUCK ASSEMBLY. THE FRONT END LOADER SUSTAINED MINOR DAMAGE TO THE CORNER OF THE  
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## 144 302974, NATX 302968, NATX 303067, NATX 303174, NATX 302  
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## 165 AR, INCLUDING THE COUPLER ASSEMBLY, AND ELECTRIC PORTION. THE OTHER SIX CARS SUSTAINED DAMAGE TO  
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## 4 C WATER INTRUSION INTO THE REMAINDER OF THE PATH SYSTEM. SIXTEEN PATH STAFF INCURRED STRESS/ PH  
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## 14 ED BEING INJURED DUE TO CHEMICAL EXPOSURE. NO INJURIES SUSTAINED BY ANY CONTRACTOR PERSONNEL DU  
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## 35 URE WERE ALSO TESTED. ALL OPERATED AS DESIGNED. TOTAL DAMAGE TO BOTH EQUIPMENT AND TRACK STRUC  
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## 102 ED DOING HIS PAPER WORK AND DID NOT LOOK UP UNTIL THE TRAIN WENT INTO EMERGENCY. THE CROSSING WAS  
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## 141 KET (SCRATCHES). DAMAGE ESTIMATES ARE \$150,000. THIS INCIDENT WAS REPORTED TO THE NRC-REPORT #92  
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## 165 AFT GEAR SHEAR BOLTS, AND ANTI CLIMBERS. \n\nDAMAGES ASSOCIATED WITH THIS INCIDENT ARE: WAY & S  
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AL INJURIES RESULTING FROM THEIR EVACUATION FROM THE NORTH TOWER AND WTC COMPLEX. AS A RESULT OF

THE CLEAN-UP PROCESS. NTSB PERSONNEL ON SITE AND INVESTIGATING CAUSE. CAUSE UNDER INVESTIGATION.

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WERE APPROXIMATELY \$127,742. THE CREW WERE SENT FOR 'TOX BOX' TESTING AT CHRIST HOSPITAL. ALL

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## 102 T FLAGGED. THE TRAIN WENT INTO EMERGENCY 75 FT FROM THE EAST END OF THE CROSSING SURFACE. THE  
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CTURES- \$276,000.00; CAR EQUIPMENT \$76,617.78. AS A RESULT OF THE COLLISION, 32 PASSENGERS, AND



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IS INCIDENT THE PRELIMINARY DAMAGE ESTIMATE TO REPLACE 7 CARS, REBUILD THE WTC TERMINAL STATION,

FRA FORMS 6180.55A TO BE PROVIDED AS INFORMATION IS RECEIVED. 7/19/06 ã»UPDATED CAUSE TO T215-

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ULTS WERE NEGATIVE.\nFINAL DETERMINATION WAS AS FOLLOWS: THE ESTIMATED SPEED OF THE CONSIST AT

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## 102 LOCOMOTIVE HAD FULLY OCCUPIED THE CROSSING WHEN A LOADED LOG TRUCK COLLIDED. #39 M503 A VANDAL S  
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H THE ENGINEER AND CONDUCTOR SUSTAINED INJUR.

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AND RESTORE TUNNELS E AND F IS IN EXCESS OF \$1 BILLION DOLLARS. THIS DOES NOT INCLUDE COSTS TO

NT BAR BROKEN (NON-INSULATED). THE TOTAL NUMBER OF OTHERS NONFATAL IS ACTUALLY 1440. ALL ELEV

TIME OF IMPACT WAS CALCULATED TO BE 6 MPH, WHICH WAS BELOW THE SPEED LIMIT FOR ENTERING A STAT

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## 102 ALL OF THE WIRING FROM THE HIGHWAY GRADE CROSSING SYSTEM - IMPOSSIBLE FOR THE SIGNAL SYSTEM TO V  
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##	RCL	Latitude	Longitud	SIGNAL	MOPERA	ADJUNCT1	ADJUNCT2	ADJUNCT3
## 1	NA	NA	NA	NA	NA	<NA>	<NA>	<NA>
## 2	NA	NA	NA	NA	NA	<NA>	<NA>	<NA>
## 3	NA	NA	NA	NA	NA	<NA>	<NA>	<NA>
## 4	NA	NA	NA	NA	NA	<NA>	<NA>	<NA>
## 5	NA	NA	NA	NA	NA	<NA>	<NA>	<NA>
## 6	NA	NA	NA	NA	NA	<NA>	<NA>	<NA>
## 7	NA	NA	NA	NA	NA	<NA>	<NA>	<NA>
## 8	NA	NA	NA	NA	NA	<NA>	<NA>	<NA>

[illegible]

[illegible]



[illegible]

## 171	0	40.03521	-101.62205	1	1				
## 172	0	32.08614	-93.47476	1	2	P			
## 173	0	26.18806	-80.15320	1	1	D			
## 174	0	0.00000	0.00000	NA	NA				
## 175	0	39.89561	-118.75262	1	1				
## 176	0	0.00000	0.00000	NA	NA				
## 177	0	47.38174	-122.23296	1	1				
## 178	0	42.24350	-84.26930	1	1				
## 179	0	32.85513	-90.40565	1	1				
## 180	0	34.46447	-118.54866	1	1				
## 181	0	39.83458	-75.23670	2	2	P			
## 182	0	38.52870	-121.48029	1	2	D			
## 183	0	33.01910	-117.28140	1	1	C	Q		
## 184	0	41.82977	-86.25418	2	5				
## 185	0	28.46140	-81.36730	1	1				
## 186	0	41.86106	-87.61895	2	5				
## 187	0	32.22059	-90.21936	1	1				
## 188	0	31.98561	-102.09356	1	1	Q			
## 189	0	30.42788	-97.70260	1	1	Q			
## 190	0	39.94502	-75.14854	1	2				
## 191	0	35.89130	-119.40563	1	1				
## 192	0	32.73149	-97.17300	1	1				
## 193	0	30.24874	-91.09260	2	5	K			
## 194	0	36.21133	-119.63957	1	1	Q			
## 195	0	35.99551	-79.93134	1	1				
## 196	0	32.74127	-117.18379	1	1				
## 197	0	32.70131	-97.34146	1	1				
## 198	0	38.61660	-79.86957	2	2				
## 199	0	41.10780	-73.18675	1	1	A	B	C	
## 200	0	30.06092	-94.24064	1	1	Q			
## 201	0	40.88634	-74.24289	1	1	A	L	Q	
## 202	0	40.03200	-74.97142	1	1	D	C		
## 203	0	40.86480	-74.10366	1	1	A	L	Q	
## 204	0	34.24839	-118.40300	1	1				
## 205	0	35.60885	-90.90549	1	1	Q			
## 206	0	46.27580	-94.71012	1	1	Q			
## 207	0	33.45005	-84.70033	1	1	D			
## 208	0	40.99197	-92.16854	1	2	P			
## 209	0	33.13791	-90.25365	1	1				
## 210	0	40.87960	-73.92283	1	1	A	B	C	
## 211	0	37.20475	-89.63310	1	1	Q			
## 212	0	39.30303	-76.53545	1	1	D			
## 213	0	34.94642	-82.04160	1	1				
## 214	0	29.55329	-96.20852	1	1	Q			
## 215	0	59.45800	-135.31300	2	2	P			
## 216	0	41.57920	-72.77810	1	1	A	D		
## 217	0	26.43940	-80.09082	1	1	Q			
## 218	0	37.38552	-120.61351	1	1	Q			
## 219	0	30.64194	-90.50281	1	1				
## 220	0	40.78028	-86.87449	1	1				
## 221	0	29.49654	-98.40128	1	1				
## 222	0	38.96172	-89.09923	1	1				
## 223	0	41.98860	-87.93880	1	1	Q			
## 224	0	36.92327	-119.97376	1	1				

## 225	0	41.99612	-71.24582	1	1	B	C	D
## 226	0	29.66572	-97.50522	1	1			
## 227	0	36.54628	-77.53008	1	1			
## 228	0	44.11284	-72.67623	2	2	P		
## 229	0	33.41396	-86.93973	1	1	Q		
## 230	0	33.45677	-97.15473	1	1	Q		
## 231	0	39.95711	-75.18492	1	1	A	B	D
## 232	0	41.08628	-73.78803	1	1	A	B	C
## 233	0	40.03382	-74.96880	1	1	D		
## 234	0	30.85954	-88.42313	2	2	P		
## 235	0	30.73983	-90.50894	1	1			
## 236	0	33.99841	-117.87092	1	1	Q		
## 237	0	34.20783	-119.12983	1	1	Q		
## 238	0	35.87075	-83.96094	1	1			
## 239	0	41.32687	-88.14069	1	1			
## 240	0	34.37097	-80.42706	1	1	Q		
## 241	0	36.33077	-77.59413	1	1			
## 242	0	48.27319	-100.82101	1	1			
## 243	0	33.76793	-90.24225	1	1			
## 244	0	32.05627	-83.80406	1	1	D		
## 245	0	36.51827	-119.72325	1	1	Q		
## 246	0	28.60412	-81.35287	1	1	D	Q	
## 247	0	45.23280	-122.75592	1	1	Q		
## 248	0	32.44931	-90.12147	1	1	Q		
## 249	0	30.82380	-88.06734	1	2	P		
## 250	0	37.80848	-100.38127	1	2	D	P	
## 251	0	33.91824	-90.28612	1	1			
## 252	0	33.27849	-90.22215	1	1			
## 253	0	40.00965	-75.01189	1	1	D	G	L
## 254	0	39.83232	-75.39609	1	1	A	B	
## 255	0	36.88763	-119.94226	1	1	Q		
## 256	0	37.21670	-104.46455	1	2	D	P	
## 257	0	27.99776	-82.20438	1	1	D	Q	
## 258	0	26.60891	-80.06936	1	1			
## 259	0	32.80562	-96.82977	1	1	Q		
## 260	0	40.73707	-88.00149	1	1	Q		
## 261	0	37.86291	-122.29950	1	1			
## 262	0	37.59641	-121.92009	1	1	Q		
## 263	0	40.73504	-74.02801	1	1	A	G	L
## 264	0	41.48052	-88.09008	1	1			
## 265	0	47.08242	-122.67515	1	1	Q		
## 266	0	47.18499	-122.58561	1	1	Q		
## 267	0	34.57501	-80.04596	1	1	Q		
## 268	0	39.82633	-78.72203	1	1	Q	J	
## 269	0	40.98912	-73.67444	1	1	A	B	Q
## 270	0	35.69595	-119.33079	1	1	Q		
## 271	0	28.05417	-81.81760	1	1	Q		
## 272	0	28.25890	-81.48602	1	1	Q		
## 273	0	41.86878	-87.63754	1	1	G	Q	
## 274	0	35.33294	-83.59127	2	2			
## 275	0	29.67955	-95.36737	1	1			
## 276	0	40.75174	-73.99682	1	1	G	L	
## 277	0	40.75173	-73.99688	1	1	A	G	L
## 278	0	40.68459	-73.97752	1	1	A		

## 279	0	39.75968	-104.81013	1	1	B	J		
## 280	0	30.39912	-88.88566	1	1				
## 281	0	27.43775	-81.24027	1	1	Q			
## 282	0	38.07733	-78.71674	1	1	Q			
## 283	0	30.81752	-90.51032	1	1	Q			
## 284	0	29.62383	-95.52625	1	1	Q			
## 285	0	32.81083	-97.09045	1	1	Q			
## 286	0	32.50734	-94.54023	1	1	Q			
## 287	0	33.91128	-81.06532	2	5	L			
## 288	0	42.62567	-84.75087	1	1	Q			
## 289	0	32.07618	-81.08837	1	1	Q			
## 290	0	33.62185	-84.49946	1	1				
## 291	0	41.35281	-89.61052	1	1	J	Q		
## 292	0	40.10799	-76.47410	1	1	A	D	J	
## 293	0	40.54086	-74.36048	1	1	A	G	L	
## 294	0	40.88669	-74.10232	1	1	A	L	Q	
## 295	0	29.74555	-81.64209	1	1	Q			
## 296	0	31.58988	-106.22636	1	1	J	Q		
## 297	0	30.05921	-94.99263	1	1	Q			
## 298	0	32.07573	-90.31125	1	1	Q			
## 299	0	41.80085	-86.61043	1	1	J			
## 300	0	37.95864	-122.35970	1	1	J			
## 301	0	38.45601	-122.73722	1	2	J	A	B	
## 302	0	41.57482	-73.59443	1	1	A	B	G	
## 303	0	41.61547	-87.39401	1	1	Q			
## 304	0	39.76224	-104.81931	1	1	Q	B	J	
## 305	0	32.71860	-90.43827	1	1				
## 306	0	32.90099	-82.49389	2	2	J			
## 307	0	40.75456	-73.58125	1	1	A			
## 308	0	41.45633	-87.72476	1	1	Q			
##			SUBDIV					Cause	MultiRR
## 1			<NA>			(T) Rack, Roadbed and Structures		FALSE	
## 2			<NA>			(H) Train operation - Human Factors		TRUE	
## 3			<NA>			(M) Miscellaneous Causes Not Otherwise Listed		FALSE	
## 4			<NA>			(M) Miscellaneous Causes Not Otherwise Listed		FALSE	
## 5			<NA>			(H) Train operation - Human Factors		TRUE	
## 6			<NA>			(H) Train operation - Human Factors		TRUE	
## 7			<NA>			(M) Miscellaneous Causes Not Otherwise Listed		FALSE	
## 8			<NA>			(M) Miscellaneous Causes Not Otherwise Listed		FALSE	
## 9			<NA>			(T) Rack, Roadbed and Structures		FALSE	
## 10			<NA>			(M) Miscellaneous Causes Not Otherwise Listed		FALSE	
## 11			<NA>			(M) Miscellaneous Causes Not Otherwise Listed		FALSE	
## 12			<NA>			(M) Miscellaneous Causes Not Otherwise Listed		FALSE	
## 13			<NA>			(T) Rack, Roadbed and Structures		FALSE	
## 14			<NA>			(T) Rack, Roadbed and Structures		FALSE	
## 15			<NA>			(M) Miscellaneous Causes Not Otherwise Listed		FALSE	
## 16			<NA>			(H) Train operation - Human Factors		FALSE	
## 17			<NA>			(M) Miscellaneous Causes Not Otherwise Listed		FALSE	
## 18			<NA>			(T) Rack, Roadbed and Structures		FALSE	
## 19			<NA>			(M) Miscellaneous Causes Not Otherwise Listed		FALSE	
## 20			<NA>			(H) Train operation - Human Factors		FALSE	
## 21			<NA>			(H) Train operation - Human Factors		TRUE	
## 22			<NA>			(H) Train operation - Human Factors		FALSE	
## 23			<NA>			(H) Train operation - Human Factors		TRUE	

## 24	<NA> (M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 25	<NA> (M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 26	<NA> (H) Train operation - Human Factors	TRUE
## 27	<NA> (T) Rack, Roadbed and Structures	FALSE
## 28	<NA> (M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 29	<NA> (T) Rack, Roadbed and Structures	FALSE
## 30	<NA> (M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 31	<NA> (M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 32	<NA> (H) Train operation - Human Factors	TRUE
## 33	<NA> (M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 34	<NA> (M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 35	<NA> (H) Train operation - Human Factors	FALSE
## 36	<NA> (E) Mechanical and Electrical Failures	FALSE
## 37	<NA> (M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 38	<NA> (H) Train operation - Human Factors	FALSE
## 39	<NA> (H) Train operation - Human Factors	FALSE
## 40	<NA> (M) Miscellaneous Causes Not Otherwise Listed	FALSE
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## 42	<NA> (H) Train operation - Human Factors	FALSE
## 43	<NA> (T) Rack, Roadbed and Structures	FALSE
## 44	<NA> (H) Train operation - Human Factors	FALSE
## 45	<NA> (T) Rack, Roadbed and Structures	FALSE
## 46	<NA> (H) Train operation - Human Factors	TRUE
## 47	<NA> (H) Train operation - Human Factors	FALSE
## 48	<NA> (M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 49	<NA> (M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 50	<NA> (H) Train operation - Human Factors	TRUE
## 51	<NA> (M) Miscellaneous Causes Not Otherwise Listed	FALSE
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## 54	<NA> (H) Train operation - Human Factors	FALSE
## 55	<NA> (M) Miscellaneous Causes Not Otherwise Listed	FALSE
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## 59	<NA> (M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 60	<NA> (T) Rack, Roadbed and Structures	FALSE
## 61	<NA> (M) Miscellaneous Causes Not Otherwise Listed	FALSE
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## 63	<NA> (M) Miscellaneous Causes Not Otherwise Listed	FALSE
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## 68	<NA> (H) Train operation - Human Factors	FALSE
## 69	<NA> (M) Miscellaneous Causes Not Otherwise Listed	FALSE
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## 71	<NA> (M) Miscellaneous Causes Not Otherwise Listed	FALSE
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## 73	<NA> (M) Miscellaneous Causes Not Otherwise Listed	TRUE
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## 77	<NA> (M) Miscellaneous Causes Not Otherwise Listed	FALSE

## 78	<NA> (M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 79	<NA> (T) Rack, Roadbed and Structures	FALSE
## 80	<NA> (T) Rack, Roadbed and Structures	FALSE
## 81	<NA> (M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 82	<NA> (M) Miscellaneous Causes Not Otherwise Listed	FALSE
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## 84	<NA> (T) Rack, Roadbed and Structures	FALSE
## 85	<NA> (M) Miscellaneous Causes Not Otherwise Listed	TRUE
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## 88	<NA> (H) Train operation - Human Factors	FALSE
## 89	<NA> (M) Miscellaneous Causes Not Otherwise Listed	FALSE
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## 92	<NA> (H) Train operation - Human Factors	FALSE
## 93	<NA> (M) Miscellaneous Causes Not Otherwise Listed	FALSE
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## 96	<NA> (M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 97	<NA> (E) Mechanical and Electrical Failures	FALSE
## 98	<NA> (T) Rack, Roadbed and Structures	FALSE
## 99	<NA> (M) Miscellaneous Causes Not Otherwise Listed	FALSE
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## 102	<NA> (H) Train operation - Human Factors	FALSE
## 103	<NA> (H) Train operation - Human Factors	FALSE
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## 108	<NA> (E) Mechanical and Electrical Failures	FALSE
## 109	<NA> (M) Miscellaneous Causes Not Otherwise Listed	FALSE
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## 111	<NA> (T) Rack, Roadbed and Structures	FALSE
## 112	<NA> (M) Miscellaneous Causes Not Otherwise Listed	FALSE
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## 115	<NA> (T) Rack, Roadbed and Structures	FALSE
## 116	<NA> (M) Miscellaneous Causes Not Otherwise Listed	FALSE
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## 120	<NA> (H) Train operation - Human Factors	TRUE
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## 127	<NA> (H) Train operation - Human Factors	TRUE
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## 131	<NA> (M) Miscellaneous Causes Not Otherwise Listed	FALSE

## 132	<NA>	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 133	<NA>	(E) Mechanical and Electrical Failures	FALSE
## 134	<NA>	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
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## 136	<NA>	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 137	<NA>	(H) Train operation - Human Factors	FALSE
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## 142	<NA>	(E) Mechanical and Electrical Failures	FALSE
## 143	<NA>	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 144	<NA>	(T) Rack, Roadbed and Structures	FALSE
## 145	<NA>	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
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## 152	<NA>	(T) Rack, Roadbed and Structures	FALSE
## 153	<NA>	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 154	<NA>	(H) Train operation - Human Factors	TRUE
## 155	<NA>	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
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## 159	<NA>	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 160	<NA>	(H) Train operation - Human Factors	TRUE
## 161	<NA>	(T) Rack, Roadbed and Structures	FALSE
## 162	<NA>	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 163	ATK	(H) Train operation - Human Factors	TRUE
## 164	CENTRAL	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 165		(H) Train operation - Human Factors	FALSE
## 166	CALIFORNIA	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 167	STOCKTON	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 168		(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 169		(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 170	JOLIET	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 171	AKRON	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 172	REISOR SUB	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 173	SYSTEM	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 174		(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 175	NEVADA	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 176		(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 177	SEATTLE	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 178	MICHIGAN LINE	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 179	YAZOO	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 180	VALLEY	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 181	SOUTH JERSEY	(T) Rack, Roadbed and Structures	FALSE
## 182	LR	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 183	SAN DIEGO	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 184	MICHIGAN LINE	(H) Train operation - Human Factors	FALSE
## 185	ORLANDO	(M) Miscellaneous Causes Not Otherwise Listed	FALSE

## 186	CEN	(E) Mechanical and Electrical Failures	FALSE
## 187	MCCOMB	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 188	TOYAH SUB	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 189	CENTRAL	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 190	SYSTEM	(T) Rack, Roadbed and Structures	FALSE
## 191	BAKERSFIELD	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 192	DALLAS	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 193	BATON ROUGE	(H) Train operation - Human Factors	FALSE
## 194	BAKERSFIELD	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 195	PIEDMONT	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 196	SAN DIEGO	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 197	FT WORTH	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 198	GCE	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 199	NEW HAVEN LINE	(T) Rack, Roadbed and Structures	FALSE
## 200	LAFAYETTE SUB	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 201	HOBOKEN	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 202	CAMDEN	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 203	HOBOKEN	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 204	VALLEY	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 205	JONESBORO SUB	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 206	STAPLES	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 207	AWP W OF A	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 208	OTTUMWA	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 209	YAZOO	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 210	HUDSON LINE	(H) Train operation - Human Factors	FALSE
## 211	CHESTER SUB	(H) Train operation - Human Factors	TRUE
## 212	PHILADELPHIA	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 213	PIEDMONT	(T) Rack, Roadbed and Structures	FALSE
## 214	GLIDDEN	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 215	WPYR	(T) Rack, Roadbed and Structures	FALSE
## 216	NST	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 217	MIAMI	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 218	STOCKTON	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 219	MCCOMB	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 220	STATE SUPPORTED	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 221	AUSTIN	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 222	ST LOUIS LINE	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 223	C AND M SUB	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 224	STOCKTON	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 225	NORTHEAST CORRIDOR	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 226	GLIDDEN	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 227	NORTH END	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 228	ROXBURY	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 229	ALABAMA	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 230	FT WORTH	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 231	NORTHEAST CORRIDOR	(H) Train operation - Human Factors	TRUE
## 232	HARLEM LINE	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 233	CAMDEN	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 234	BEAUMONT	(T) Rack, Roadbed and Structures	FALSE
## 235	MCCOMB	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 236	LOS ANGELES SUB	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 237	SANTA BARBARA	(M) Miscellaneous Causes Not Otherwise Listed	FALSE
## 238	NON SUBDIVISION	(E) Mechanical and Electrical Failures	FALSE
## 239	JOLIET	(M) Miscellaneous Causes Not Otherwise Listed	FALSE



## 240	HAMLET	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 241	NORTH END	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 242	DEVILS LAKE	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 243	YAZOO	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 244	FITZGERALD	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 245	BAKERSFIELD	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 246	ORLANDO	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 247	BROOKLYN	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 248	YAZOO	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 249	ALABAMA	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 250	LA JUNTA	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 251	YAZOO	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 252	YAZOO	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 253	CAMDEN	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 254	NEC		(H) Train operation - Human Factors			FALSE
## 255	STOCKTON	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 256	RATON	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 257	LAKELAND	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 258	SOUTHFLRAILCORRIDOR	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 259	DFW	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 260	CHICAGO	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 261	MARTINEZ	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 262	OAKLAND	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 263	HOBOKEN		(H) Train operation - Human Factors			FALSE
## 264	JOLIET	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 265	LAKEWOOD		(H) Train operation - Human Factors			FALSE
## 266	SEATTLE		(H) Train operation - Human Factors			FALSE
## 267	HAMLET	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 268	KEYSTONE		(H) Train operation - Human Factors			FALSE
## 269	NEW HAVEN LINE		(H) Train operation - Human Factors			FALSE
## 270	BAKERSFIELD	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 271	CARTERS	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 272	ORLANDO	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 273	SOSS		(E) Mechanical and Electrical Failures			FALSE
## 274	SYSTEM	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 275	HARRISBURG SUB	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 276	NEWARK		(T) Rack, Roadbed and Structures			FALSE
## 277	NEWARK		(T) Rack, Roadbed and Structures			TRUE
## 278	SYSTEM		(H) Train operation - Human Factors			FALSE
## 279	A LINE	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 280	NO & M	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 281	AUBURNDALE	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 282	NORTH MOUNTAIN	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 283	MCCOMB	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 284	GLIDDEN	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 285	TRE	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 286	LITTLE ROCK	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 287	COLUMBIA		(H) Train operation - Human Factors			FALSE
## 288	FLINT	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 289	SAVANNAH	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 290	ATLANTA TERMINAL	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 291	MENDOTA	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 292	SOSS	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE
## 293	NEWARK	(M)	Miscellaneous Causes	Not	Otherwise Listed	FALSE

## 294	HOBOKEN	(M)	Miscellaneous	Causes	Not	Otherwise Listed	FALSE
## 295	SANFORD	(M)	Miscellaneous	Causes	Not	Otherwise Listed	FALSE
## 296	VALENTINE	(M)	Miscellaneous	Causes	Not	Otherwise Listed	FALSE
## 297	BEAUMONT	(M)	Miscellaneous	Causes	Not	Otherwise Listed	FALSE
## 298	MCCOMB	(M)	Miscellaneous	Causes	Not	Otherwise Listed	FALSE
## 299	MICHIGAN	(M)	Miscellaneous	Causes	Not	Otherwise Listed	FALSE
## 300	MARTINEZ	(M)	Miscellaneous	Causes	Not	Otherwise Listed	FALSE
## 301	MAINLINE	(M)	Miscellaneous	Causes	Not	Otherwise Listed	FALSE
## 302	HARLEM LINE	(M)	Miscellaneous	Causes	Not	Otherwise Listed	FALSE
## 303	CHICAGO LINE	(M)	Miscellaneous	Causes	Not	Otherwise Listed	FALSE
## 304	EC	(M)	Miscellaneous	Causes	Not	Otherwise Listed	FALSE
## 305	YAZOO	(M)	Miscellaneous	Causes	Not	Otherwise Listed	FALSE
## 306	GEORGIA		(T)	Rack, Roadbed and Structures			FALSE
## 307	LIRRMALINE	(M)	Miscellaneous	Causes	Not	Otherwise Listed	FALSE
## 308	CHICAGO	(M)	Miscellaneous	Causes	Not	Otherwise Listed	FALSE
##	Time24hr	Casualty	freq				
## 1	23.666667	50	1				
## 2	8.516667	41	1				
## 3	8.516667	9	1				
## 4	8.516667	16	1				
## 5	8.516667	25	1				
## 6	8.516667	18	1				
## 7	8.516667	4	1				
## 8	8.516667	4	1				
## 9	8.516667	16	1				
## 10	8.516667	19	1				
## 11	8.516667	5	1				
## 12	8.516667	5	1				
## 13	8.516667	10	1				
## 14	8.516667	1001	1				
## 15	8.516667	4	1				
## 16	8.516667	5	1				
## 17	8.516667	4	1				
## 18	8.516667	72	1				
## 19	8.516667	4	1				
## 20	8.516667	18	1				
## 21	8.516667	5	1				
## 22	8.516667	55	1				
## 23	8.516667	6	1				
## 24	8.516667	4	1				
## 25	8.516667	19	1				
## 26	8.516667	16	1				
## 27	8.516667	136	1				
## 28	8.516667	6	1				
## 29	8.516667	4	1				
## 30	8.516667	5	1				
## 31	8.516667	37	1				
## 32	8.516667	8	1				
## 33	8.516667	4	1				
## 34	8.516667	4	1				
## 35	8.516667	9	1				
## 36	8.516667	16	1				
## 37	8.516667	24	1				
## 38	8.516667	5	1				

## 39	8.516667	54	1
## 40	8.516667	20	1
## 41	8.516667	4	1
## 42	8.516667	4	1
## 43	8.516667	9	1
## 44	8.516667	18	1
## 45	8.516667	45	1
## 46	8.516667	29	1
## 47	8.516667	5	1
## 48	8.516667	6	1
## 49	8.516667	4	1
## 50	8.516667	82	1
## 51	8.516667	6	1
## 52	8.516667	4	1
## 53	8.516667	5	1
## 54	8.516667	4	1
## 55	8.516667	32	1
## 56	8.516667	6	1
## 57	8.516667	4	1
## 58	8.516667	4	1
## 59	8.516667	5	1
## 60	8.516667	45	1
## 61	8.516667	4	1
## 62	8.516667	10	1
## 63	8.516667	23	1
## 64	8.516667	5	1
## 65	8.516667	35	1
## 66	8.516667	5	1
## 67	8.516667	4	1
## 68	8.516667	6	1
## 69	8.516667	15	1
## 70	8.516667	157	1
## 71	8.516667	4	1
## 72	8.516667	301	1
## 73	8.516667	45	1
## 74	8.516667	4	1
## 75	8.516667	47	1
## 76	8.516667	7	1
## 77	8.516667	11	1
## 78	8.516667	4	1
## 79	8.516667	4	1
## 80	8.516667	8	1
## 81	8.516667	9	1
## 82	8.516667	4	1
## 83	8.516667	11	1
## 84	8.516667	7	1
## 85	8.516667	4	1
## 86	8.516667	4	1
## 87	8.516667	28	1
## 88	8.516667	17	1
## 89	8.516667	4	1
## 90	8.516667	7	1
## 91	8.516667	4	1
## 92	8.516667	4	1

## 93	8.516667	4	1
## 94	8.516667	5	1
## 95	8.516667	6	1
## 96	8.516667	8	1
## 97	8.516667	4	1
## 98	8.516667	34	1
## 99	8.516667	5	1
## 100	8.516667	4	1
## 101	8.516667	14	1
## 102	8.516667	4	1
## 103	8.516667	5	1
## 104	8.516667	9	1
## 105	8.516667	4	1
## 106	8.516667	6	1
## 107	8.516667	6	1
## 108	8.516667	22	1
## 109	8.516667	5	1
## 110	8.516667	4	1
## 111	8.516667	5	1
## 112	8.516667	6	1
## 113	8.516667	18	1
## 114	8.516667	136	1
## 115	8.516667	4	1
## 116	8.516667	6	1
## 117	8.516667	34	1
## 118	8.516667	10	1
## 119	8.516667	4	1
## 120	8.516667	16	1
## 121	8.516667	12	1
## 122	8.516667	14	1
## 123	8.516667	32	1
## 124	8.516667	40	1
## 125	8.516667	6	1
## 126	8.516667	4	1
## 127	8.516667	83	1
## 128	8.516667	7	1
## 129	8.516667	138	1
## 130	8.516667	7	1
## 131	8.516667	4	1
## 132	8.516667	4	1
## 133	8.516667	4	1
## 134	8.516667	11	1
## 135	8.516667	9	1
## 136	8.516667	4	1
## 137	8.516667	15	1
## 138	8.516667	10	1
## 139	8.516667	9	1
## 140	8.516667	5	1
## 141	8.516667	5	1
## 142	8.516667	7	1
## 143	8.516667	11	1
## 144	8.516667	12	1
## 145	8.516667	4	1
## 146	8.516667	6	1

## 147	8.516667	4	1
## 148	8.516667	6	1
## 149	8.516667	4	1
## 150	8.516667	9	1
## 151	8.516667	4	1
## 152	8.516667	14	1
## 153	8.516667	4	1
## 154	8.516667	4	1
## 155	8.516667	4	1
## 156	8.516667	17	1
## 157	8.516667	30	1
## 158	8.516667	5	1
## 159	8.516667	21	1
## 160	8.516667	4	1
## 161	8.516667	14	1
## 162	8.516667	4	1
## 163	8.516667	16	1
## 164	8.516667	9	1
## 165	8.516667	35	1
## 166	8.516667	22	1
## 167	8.516667	57	1
## 168	8.516667	7	1
## 169	8.516667	11	1
## 170	8.516667	9	1
## 171	8.516667	29	1
## 172	8.516667	4	1
## 173	8.516667	19	1
## 174	8.516667	32	1
## 175	8.516667	107	1
## 176	8.516667	8	1
## 177	8.516667	5	1
## 178	8.516667	17	1
## 179	8.516667	4	1
## 180	8.516667	10	1
## 181	8.516667	385	1
## 182	8.516667	19	1
## 183	8.516667	6	1
## 184	8.516667	15	1
## 185	8.516667	37	1
## 186	8.516667	5	1
## 187	8.516667	5	1
## 188	8.516667	28	1
## 189	8.516667	4	1
## 190	8.516667	11	1
## 191	8.516667	5	1
## 192	8.516667	8	1
## 193	8.516667	4	1
## 194	8.516667	47	1
## 195	8.516667	13	1
## 196	8.516667	7	1
## 197	8.516667	4	1
## 198	8.516667	24	1
## 199	8.516667	77	1
## 200	8.516667	4	1

## 201	8.516667	10	1
## 202	8.516667	5	1
## 203	8.516667	7	1
## 204	8.516667	22	1
## 205	8.516667	4	1
## 206	8.516667	13	1
## 207	8.516667	5	1
## 208	8.516667	4	1
## 209	8.516667	23	1
## 210	8.516667	86	1
## 211	8.516667	7	1
## 212	8.516667	7	1
## 213	8.516667	21	1
## 214	8.516667	7	1
## 215	8.516667	24	1
## 216	8.516667	7	1
## 217	8.516667	8	1
## 218	8.516667	6	1
## 219	8.516667	9	1
## 220	8.516667	16	1
## 221	8.516667	6	1
## 222	8.516667	5	1
## 223	8.516667	4	1
## 224	8.516667	4	1
## 225	8.516667	5	1
## 226	8.516667	4	1
## 227	8.516667	4	1
## 228	8.516667	13	1
## 229	8.516667	4	1
## 230	8.516667	4	1
## 231	8.516667	249	1
## 232	8.516667	46	1
## 233	8.516667	8	1
## 234	8.516667	4	1
## 235	8.516667	16	1
## 236	8.516667	4	1
## 237	8.516667	29	1
## 238	8.516667	197	1
## 239	8.516667	17	1
## 240	8.516667	8	1
## 241	8.516667	87	1
## 242	8.516667	12	1
## 243	8.516667	6	1
## 244	8.516667	4	1
## 245	8.516667	4	1
## 246	8.516667	7	1
## 247	8.516667	12	1
## 248	8.516667	6	1
## 249	8.516667	4	1
## 250	8.516667	60	1
## 251	8.516667	4	1
## 252	8.516667	14	1
## 253	8.516667	4	1
## 254	8.516667	125	1

## 255	8.516667	7	1
## 256	8.516667	8	1
## 257	8.516667	7	1
## 258	8.516667	23	1
## 259	8.516667	4	1
## 260	8.516667	5	1
## 261	8.516667	5	1
## 262	8.516667	9	1
## 263	8.516667	159	1
## 264	8.516667	4	1
## 265	8.516667	93	1
## 266	8.516667	16	1
## 267	8.516667	22	1
## 268	8.516667	6	1
## 269	8.516667	8	1
## 270	8.516667	4	1
## 271	8.516667	7	1
## 272	8.516667	9	1
## 273	8.516667	4	1
## 274	8.516667	9	1
## 275	8.516667	7	1
## 276	8.516667	7	1
## 277	8.516667	5	1
## 278	8.516667	113	1
## 279	8.516667	4	1
## 280	8.516667	45	1
## 281	8.516667	4	1
## 282	8.516667	11	1
## 283	8.516667	11	1
## 284	8.516667	5	1
## 285	8.516667	7	1
## 286	8.516667	6	1
## 287	8.516667	135	1
## 288	8.516667	5	1
## 289	8.516667	4	1
## 290	8.516667	4	1
## 291	8.516667	9	1
## 292	8.516667	5	1
## 293	8.516667	4	1
## 294	8.516667	4	1
## 295	8.516667	5	1
## 296	8.516667	4	1
## 297	8.516667	22	1
## 298	8.516667	10	1
## 299	8.516667	4	1
## 300	8.516667	5	1
## 301	8.516667	4	1
## 302	8.516667	5	1
## 303	8.516667	6	1
## 304	8.516667	4	1
## 305	8.516667	11	1
## 306	8.516667	6	1
## 307	8.516667	11	1
## 308	8.516667	8	1

```
print("Fraction of total accidents that are above upper whisker:")
```

```
## [1] "Fraction of total accidents that are above upper whisker:"
```

```
# count(tib %>% filter(Casualty > upper))/count(tib)
```

```
print("Fraction of total casualties that occurred in extreme accidents:")
```

```
## [1] "Fraction of total casualties that occurred in extreme accidents:"
```

```
tot_cas <- tib %>% summarize(Casualties = sum(Casualty))
xtrm_cas <- tib %>% filter(Casualty > upper) %>% summarize(Casualties = sum(Casualty))
xtrm_cas/tot_cas
```

```
##    Casualties
## 1  0.6384417
```

```
print("This means that 10% of the accidents are responsible for 64% of casualties.")
```

```
## [1] "This means that 10% of the accidents are responsible for 64% of casualties."
```

```
## Inspecting for potential relationships between categorical variables
```

```
totacts_wCasualties_DR$Cas_factor <- rep(NA, nrow(totacts_wCasualties_DR))
```

```
totacts_wCasualties_DR$Cas_factor[which(totacts_wCasualties_DR$Casualty <= 3)] <- "Less than or equal to 3 Casualties"
totacts_wCasualties_DR$Cas_factor[which(totacts_wCasualties_DR$Casualty > 3)] <- "Greater than 3 Casualties"
totacts_wCasualties_DR$Cas_factor <- factor(totacts_wCasualties_DR$Cas_factor)
```

```
### (SUM) What other conditions are present for each casualty?
```

```
plt_1 <- ggplot(totacts_wCasualties_DR, aes(TYPE, Casualty, fill=Cause)) + geom_col(na.rm=TRUE)
```

```
plt_2 <- ggplot(totacts_wCasualties_DR, aes(TYPE, Casualty, fill=WEATHER)) + geom_col(na.rm=TRUE)
```

```
plt_3 <- ggplot(totacts_wCasualties_DR, aes(TYPE, Casualty, fill=VISIBLTY)) + geom_col(na.rm=TRUE)
```

```
plt_4 <- ggplot(totacts_wCasualties_DR, aes(TYPE, Casualty, fill=Cas_factor)) + geom_col(na.rm=TRUE)
```

```
plt_5 <- ggplot(totacts_wCasualties_DR, aes(TYPE, Casualty, fill=TYPEQ)) + geom_col(na.rm=TRUE)
```

```
plt_6 <- ggplot(totacts_wCasualties_DR, aes(TYPE, Casualty, fill=MultiRR)) + geom_col(na.rm=TRUE)
```

```
### (COUNT) What other conditions are present for each accident with a casualty?
```

```
plt_7 <- ggplot(totacts_wCasualties_DR, aes(TYPE, fill=Cause)) + geom_bar(na.rm=TRUE)
```

```
plt_8 <- ggplot(totacts_wCasualties_DR, aes(TYPE, fill=WEATHER)) + geom_bar(na.rm=TRUE)
```

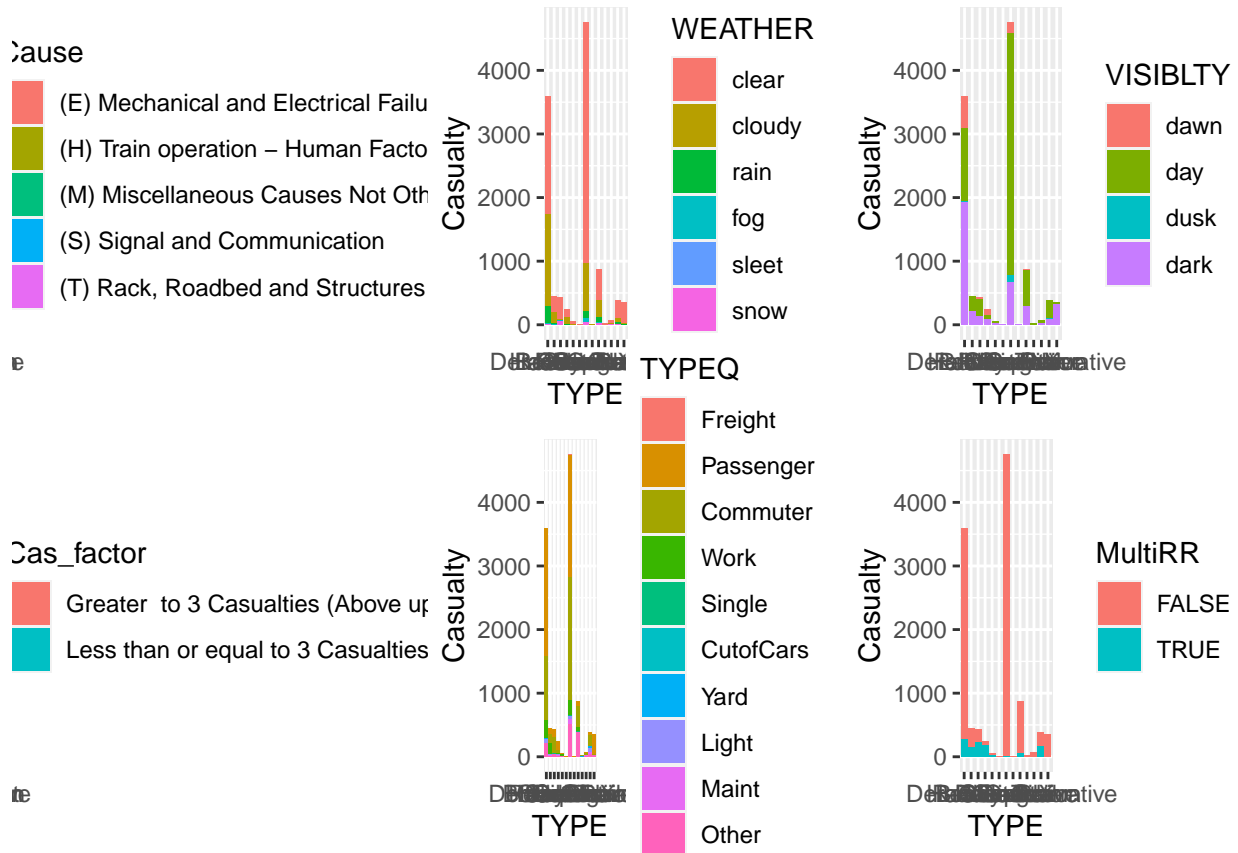
```
plt_9 <- ggplot(totacts_wCasualties_DR, aes(TYPE, fill=VISIBLTY)) + geom_bar(na.rm=TRUE)
```

```
plt_10 <- ggplot(totacts_wCasualties_DR, aes(TYPE, fill=Cas_factor)) + geom_bar(na.rm=TRUE)
```

```
plt_11 <- ggplot(totacts_wCasualties_DR, aes(TYPE, fill=TYPEQ)) + geom_bar(na.rm=TRUE)
```

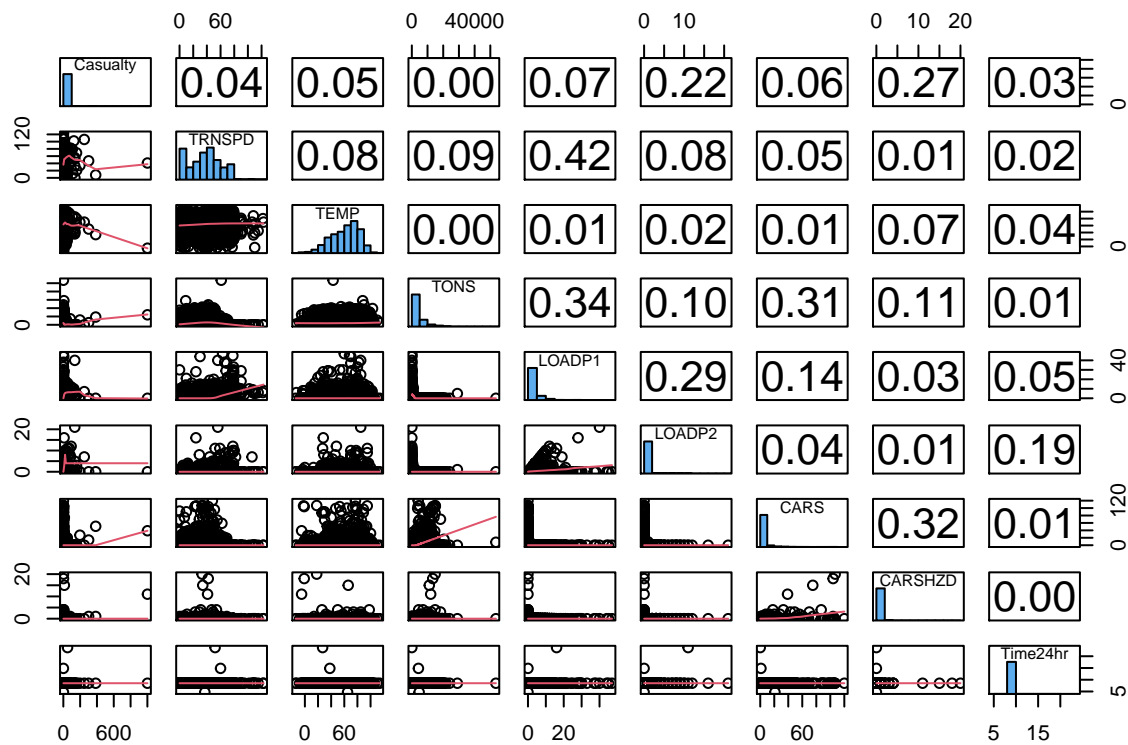


```
plt_12 <- ggplot(totacts_wCasualties_DR, aes(TYPE, Casualty, fill=MultiRR)) + geom_col(na.rm=TRUE)
ggarrange(plt_1, plt_2, plt_3, plt_4, plt_5, plt_6, nrow = 2, ncol = 3)
```



```
ggarrange(plt_7, plt_8, plt_9, plt_10, plt_11, plt_12, nrow = 2, ncol = 3)
```





```
print("These are the four variables with the highest correlations coefficient. Unsurprisingly, the LOAD")
```

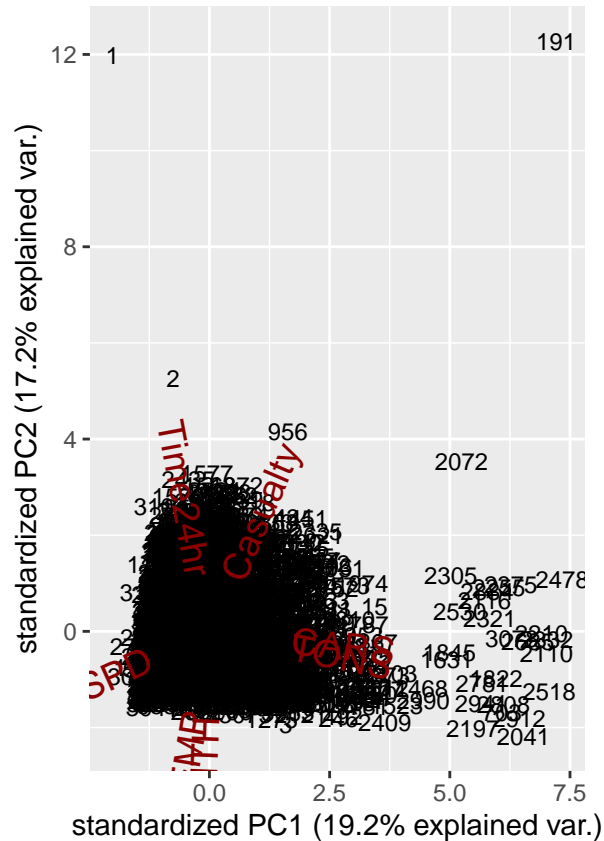
```
## [1] "These are the four variables with the highest correlations coefficient. Unsurprisingly, the LOAD"
```

```
## Doing PCA to look for hidden quantitative relationships:
```

```
# Perform PCA using the correlation matrix
```

```
totacts_wCasualties.pca <- princomp(totacts_wCasualties_DR[,c("Casualty", "TRNSPD", "CARS", "Time24hr",
```

```
ggbiplot(totacts_wCasualties.pca, varname.size = 5, labels=row(totacts_wCasualties_DR)[,1], main="Biplot")
```



```
### Inspecting outliers:
totacts_wCasualties_DR[191, ]
```

```
##      i..IYR IMO RAILROAD INCDTNO IYR2 IMO2 RR2 INCDTNO2 IYR3 IMO3 RR3 INCDTNO3
## 191      2  1      SOO 170488  NA  NA      2  1 SOO 170488
##      DUMMY1 GXID YEAR MONTH DAY TIMEHR TIMEMIN AMPM      TYPE CARS CARSDMG
## 191      NA      2  1  18      1      39  AM Derailment  39      15
##      CARSHZD EVACUATE DIVISION STATION MILEPOST STATE TEMP VISIBLTY WEATHER
## 191      11      75  ST PAUL  MINOT  471.6  38  -5      dark cloudy
##      TRNSPD TYPSPD TRNNBR TRNDIR  TONS      TYPEQ EQATT      TRKNAME TRKCLAS
## 191      41      R      292      3 12015 Passenger      Y SINGLE MAIN      3
##      TRKDNSTY TYPTRK RRCAR1 CARNBR1 POSITON1 LOADED1 RRCAR2 CARNBR2 POSITON2
## 191  000024      1      SOO 73223      6      Y      NA      0
##      LOADED2 HEADEND1 MIDMAN1 MIDREM1 RMAN1 RREM1 HEADEND2 MIDMAN2 MIDREM2 RMAN2
## 191      2      0      0      0      0      0      0      0      0      0
##      RREM2 LOADF1 LOADP1 EMPTYP1 EMPTYP1 CABOOSE1 LOADF2 LOADP2 EMPTYP2 EMPTYP2
## 191      0      86      0      26      0      0      26      0      5      0
##      CABOOSE2 EQPDMG TRKDMG CAUSE CAUSE2 CASKLDRR CASINJRR CASKLD CASINJ
## 191      0 1037730 290000  T215      1      0      1      0
##      ACCAUSE ACCTRK ACCTRKCL HIGHSPD  ACCDMG DUMMY2 STCNTY TOTINJ DUMMY3 TOTKLD
## 191  T215      1      3      41 1327730  NA 38C101  1000      0      1
##      ENGRS FIREMEN CONDUCTR BRAKEMEN ENGHR ENGMIN CDTRHR CDTRMIN JOINTCD REGION
## 191      1      0      1      0      4      24      4      24      1      8
##      DUMMY4 TYPRR DUMMY5 RRDIV METHOD NARRLEN DUMMY6 YEAR4 RREMPKLD RREMPINJ
## 191      1L      NA      J      1499  NA 2002      0      1
##      PASSKLD PASSINJ OTHERKLD OTHERINJ COUNTY CNTYCD ALCOHOL DRUG DUMMY7 PASSTRN
```

```

## 191      0      0      1      999  WARD      101      0      0      NA      N
##      SSB1 SSB2
## 191      <NA>
##
## 191 CP TRAIN 292-16 (86 LOADS, 26 EMPTIES, 12,342 EGT) INCLUDING 15 LOADS ANHYDROUS AMMONIA; 10 LOADS
##
## 191 G AND 11 LOADS STYRENE MONOMER INHIBITED, DERAILED 31 CARS, ALL ON THEIR SIDES, RESULTING IN HAZ
##
## 191 RELEASE FROM ELEVEN CARS (SEE APPENDED LIST) RESULTING IN SPILL OF APPROXIMATELY 590 TONS.  EVACU
##
## 191 ON OF APPROXIMATELY 20 HOMES IN A HALF-MILE RADIUS IMMEDIATELY EAST OF THE DERAILMENT SITE AND R
##
## 191 NS IN EFFECT AS OF 2/27/02.  ONE FATALITY TO A MINOT, ND RESIDENT RESULTED DURING VOLUNTARY EVACU
##
## 191 ON.  APPROXIMATELY 1,000-2,000 PEOPLE WERE SEEN AND EVALUATED AT HOSPITALS AND CLINICS WITH SOME
##
## 191 NG TREATED AND/OR ADMITTED INTO THE HOSPITAL.  EMERGENCY RESPONSE DISPATCHED, COMPANY PERSONNEL
##
## 191 WELL AS NTSB AND FRA PERSONNEL AT SITE.  STATIONARY COMMAND CENTER SET UP AT LOCAL FIRE STATION
##
## 191 A MOBILE COMMAND CENTER NEAREST DERAILMENT SITE HAS BEEN SET UP.  FIRE DEPARTMENT RESPONDED AND
##
## 191 D DOWN HAZMAT CARS.  SPAN OF DERAILMENT SITE TOTALED 475 FEET.  SINGLE MAIN CWR TRACK, CLASS 3,
##
## 191 PH.  HULCHER RERAILED CARS.  SERVICE RESUMED AT APPROXIMATELY 0600 CST ON 1/23/02.  CONDUCTOR RE
##
## 191 ED BEING INJURED DUE TO CHEMICAL EXPOSURE.  NO INJURIES SUSTAINED BY ANY CONTRACTOR PERSONNEL DU
##
## 191 THE CLEAN-UP PROCESS.  NTSB PERSONNEL ON SITE AND INVESTIGATING CAUSE.  CAUSE UNDER INVESTIGATION
##
## 191 FRA FORMS 6180.55A TO BE PROVIDED AS INFORMATION IS RECEIVED.  7/19/06 Å»UPDATED CAUSE TO T215-
##
## 191 NT BAR BROKEN (NON-INSULATED).  THE TOTAL NUMBER OF OTHERS NONFATAL IS ACTUALLY 1440.  ALL ELEV
##
##      RCL Latitude Longitud SIGNAL MOPERA ADJUNCT1 ADJUNCT2 ADJUNCT3 SUBDIV
## 191  NA      NA      NA      NA      NA      <NA>      <NA>      <NA>      <NA>
##
##      Cause MultiRR Time24hr Casualty
## 191 (T) Rack, Roadbed and Structures  FALSE 8.516667      1001
##
##      Cas_factor
## 191 Greater  to 3 Casualties (Above upper whisker)

```

```

#### Removing outliers:

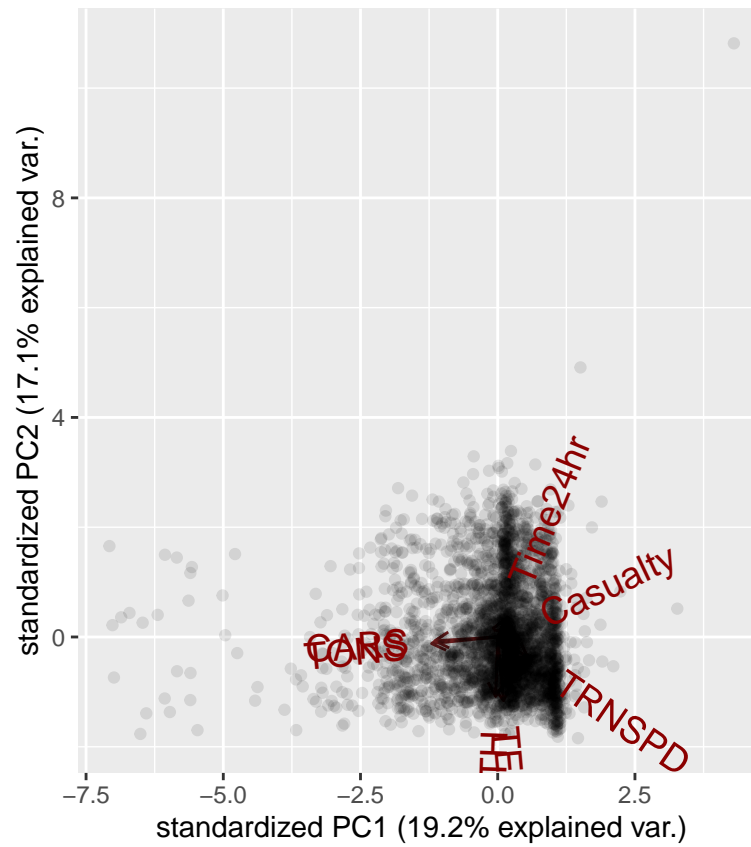
```

```

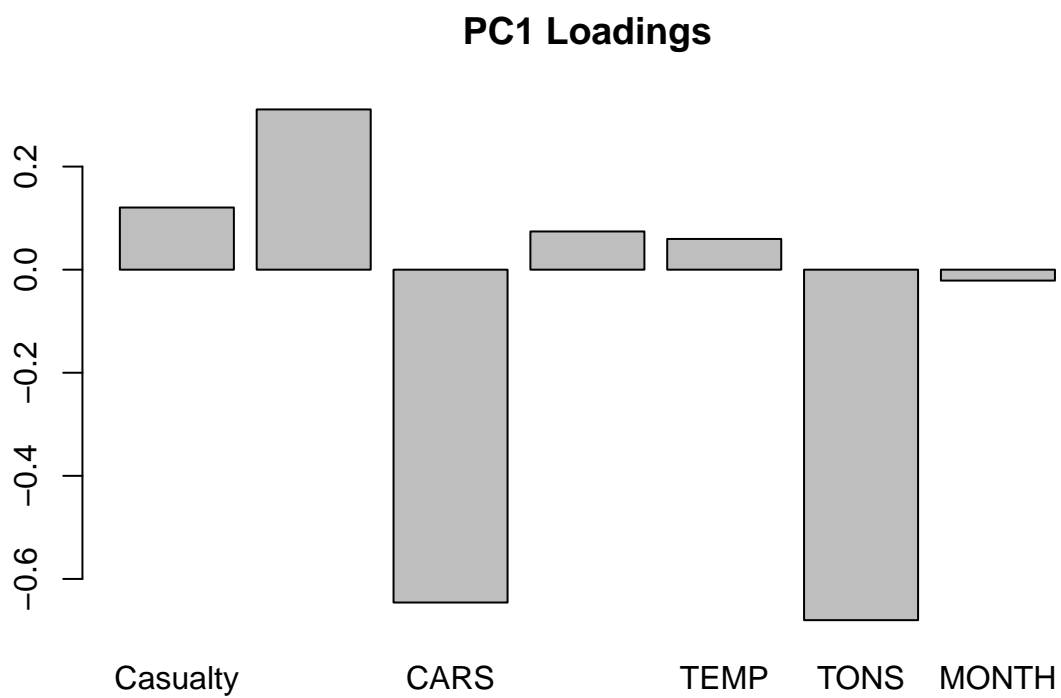
df <- totacts_wCasualties_DR[-191,]

totacts_wCasualties.pca <- princomp(df[,c("Casualty", "TRNSPD", "CARS", "Time24hr", "TEMP", "TONS", "MOI
ggbiplot(totacts_wCasualties.pca, varname.size = 5, labels=NULL[,1], main="Biplot", alpha = 0.1)

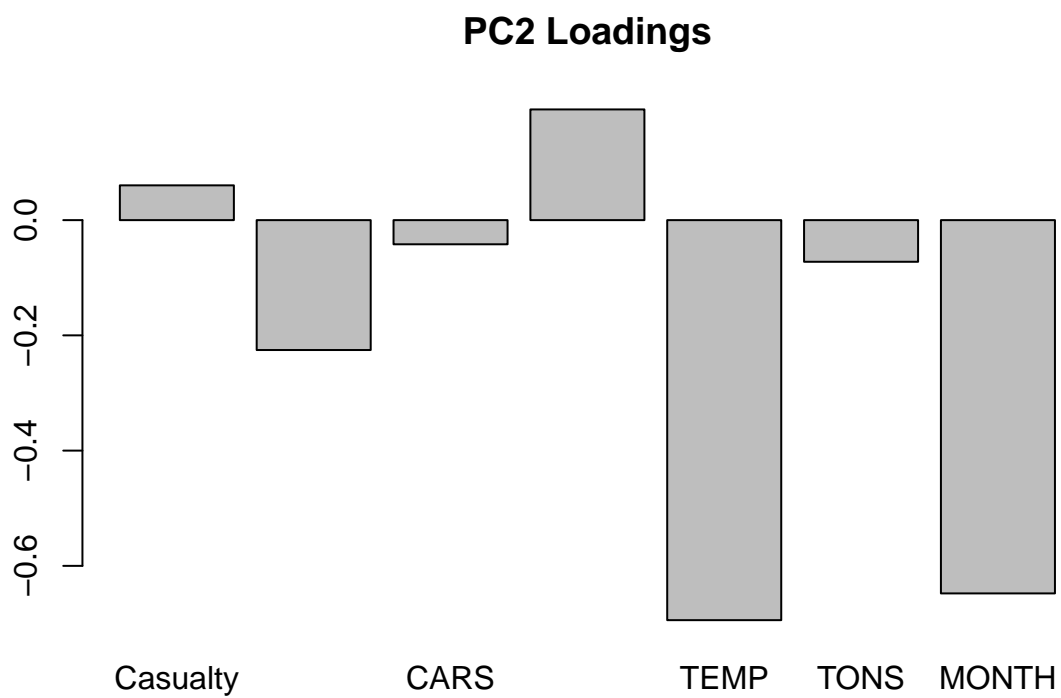
```



```
### Loadings on first 2 PCs
barplot(totacts_wCasualties.pca$loadings[,1], main="PC1 Loadings")
```



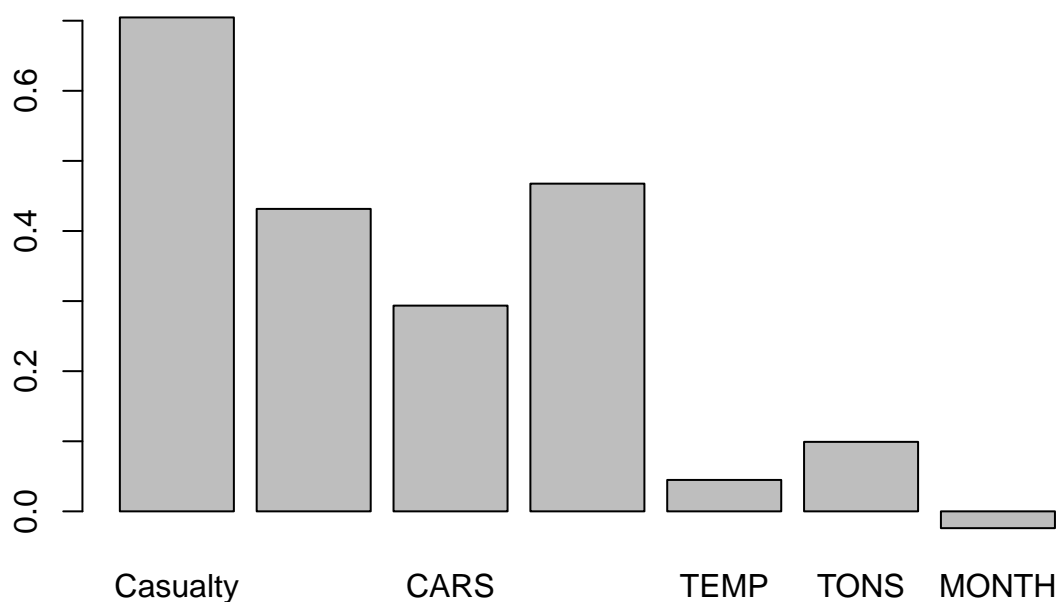
```
barplot(totacts_wCasualties.pca$loadings[,2], main='PC2 Loadings')
```



```
barplot(totacts_wCasualties.pca$loadings[,3], main='PC3 Loadings')
```



## PC3 Loadings



```
print("The loading on casualty is relatively insignificant until the 3rd PC where it moves with transp
```

```
## [1] "The loading on casualty is relatively insignificant until the 3rd PC where it moves with transp
```

```
## Interaction plots
```

```
### Decided to work with the dataframe with the most extreme accident removed
```

```
totacts_wCasualties_DR_ER <- df
```

```
### Define qualitative variables
```

```
#### Create Day/Not Day as a variable
```

```
day <- rep(0, nrow(totacts_wCasualties_DR_ER))
```

```
day[which(totacts_wCasualties_DR_ER$VISIBLTY == 'day')] <- 1
```

```
day <- as.factor(day)
```

```
contrasts(day)
```

```
## 1
```

```
## 0 0
```

```
## 1 1
```

```
#### Clear/not clear as variable
```

```
clear <- rep(0, nrow(totacts_wCasualties_DR_ER))
```

```
clear[which(totacts_wCasualties_DR_ER$WEATHER == 'clear')] <- 1
```

```
clear <- as.factor(clear)
contrasts(clear)
```

```
##    1
## 0 0
## 1 1
```

```
#### Create highway-rail variable
HwyRail <- rep(0, nrow(totacts_wCasualties_DR_ER))
HwyRail[which(totacts_wCasualties_DR_ER$TYPE == 'Hwy-Rail')] <- 1
HwyRail <- as.factor(HwyRail)
contrasts(HwyRail)
```

```
##    1
## 0 0
## 1 1
```

```
#### Create derailment variable
Derail <- rep(0, nrow(totacts_wCasualties_DR_ER))
Derail[which(totacts_wCasualties_DR_ER$TYPE == 'Derailment')] <- 1
Derail <- as.factor(Derail)
contrasts(Derail)
```

```
##    1
## 0 0
## 1 1
```

```
#### Create passenger or commuter variable
Pass_or_Comm <- rep(0, nrow(totacts_wCasualties_DR_ER))
Pass_or_Comm[which(totacts_wCasualties_DR_ER$TYPEQ == 'Passenger' | totacts_wCasualties_DR_ER$TYPEQ == 'Commuter')] <- 1
Pass_or_Comm <- as.factor(Pass_or_Comm)
contrasts(Pass_or_Comm)
```

```
##    1
## 0 0
## 1 1
```

```
#### Cause - Train roadbed and structures
clear <- rep(0, nrow(totacts_wCasualties_DR_ER))
clear[which(totacts_wCasualties_DR_ER$WEATHER == 'clear')] <- 1
clear <- as.factor(clear)
contrasts(clear)
```

```
##    1
## 0 0
## 1 1
```

```
### Quantitative Variables
```

```
#### Create TRNSPD variable
```

```
TrnSpd_box <- ggplot(totacts_wCasualties_DR_ER, aes(y=TRNSPD)) + geom_boxplot()

med <- ggplot_build(TrnSpd_box)$data[[1]]$middle

TRNSPD.factor <- totacts_wCasualties_DR_ER$TRNSPD
TRNSPD.factor[which(totacts_wCasualties_DR_ER$TRNSPD<med)]<-'low train speed'
TRNSPD.factor[which(totacts_wCasualties_DR_ER$TRNSPD>=med)]<-'high train speed'
TRNSPD.factor <- factor(TRNSPD.factor)
contrasts(TRNSPD.factor)
```

```
##                low train speed
## high train speed          0
## low train speed          1
```

```
#### Create CARS variable
CARS.factor <- totacts_wCasualties_DR_ER$CARS
CARS.factor[which(totacts_wCasualties_DR_ER$CARS == 0)]<-'No Hazard Cars'
CARS.factor[which(totacts_wCasualties_DR_ER$CARS > 0)]<-'1 or More Hazard Cars'
CARS.factor <- factor(CARS.factor)
contrasts(CARS.factor)
```

```
##                No Hazard Cars
## 1 or More Hazard Cars          0
## No Hazard Cars                1
```

```
#### Create TONS variable
Tons_box <- ggplot(totacts_wCasualties_DR_ER, aes(y=TONS)) + geom_boxplot()

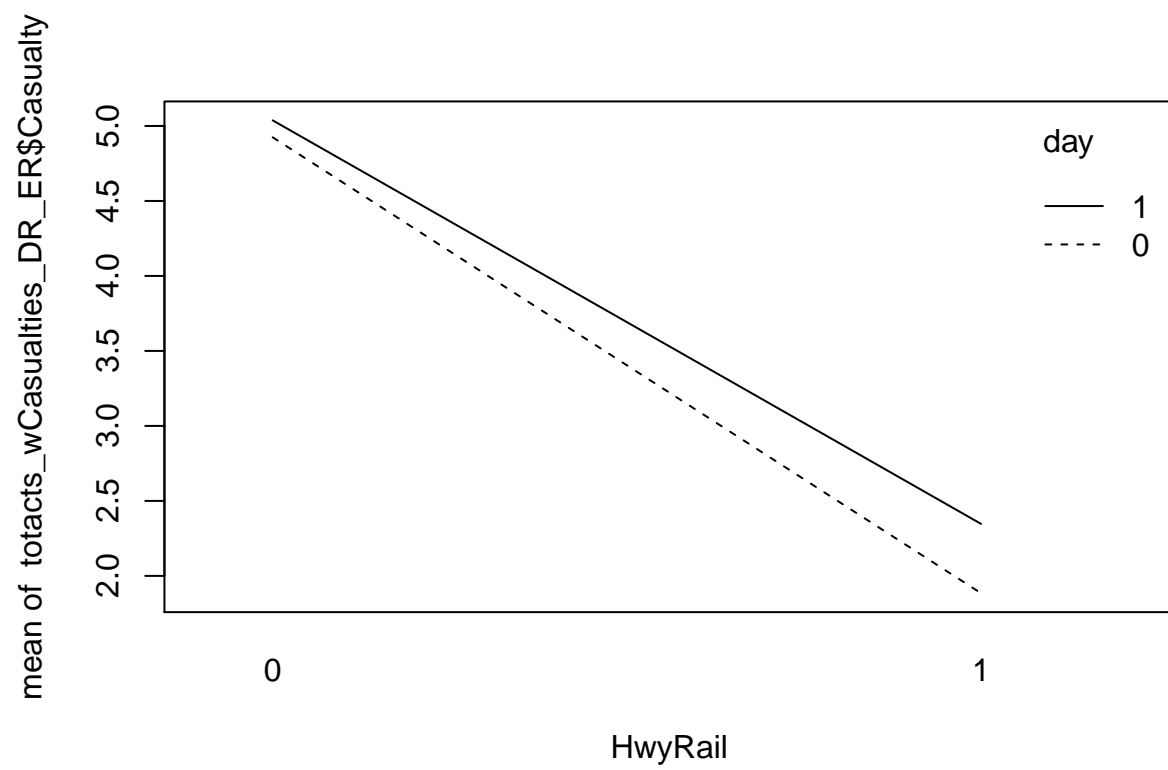
med <- ggplot_build(Tons_box)$data[[1]]$middle

TONS.factor <- totacts_wCasualties_DR_ER$TONS
TONS.factor[which(totacts_wCasualties_DR_ER$TONS<med)]<-'Low tonnage'
TONS.factor[which(totacts_wCasualties_DR_ER$TONS>=med)]<-'high tonnage'
TONS.factor <- factor(TONS.factor)
contrasts(TONS.factor)
```

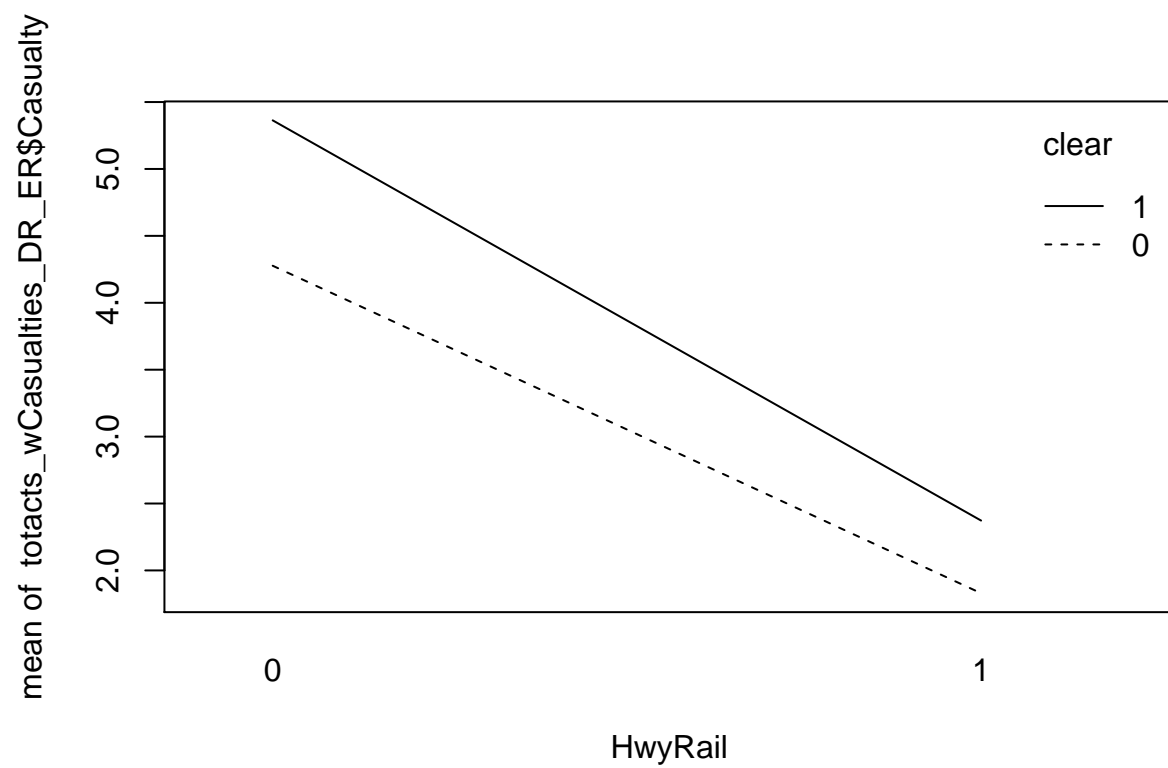
```
##                Low tonnage
## high tonnage          0
## Low tonnage          1
```

```
### Plot
#### Variables of interest: day, clear, HwyRail, Derail, Pass_or_Comm, TRNSPD.factor, CARS.factor, TONS.factor

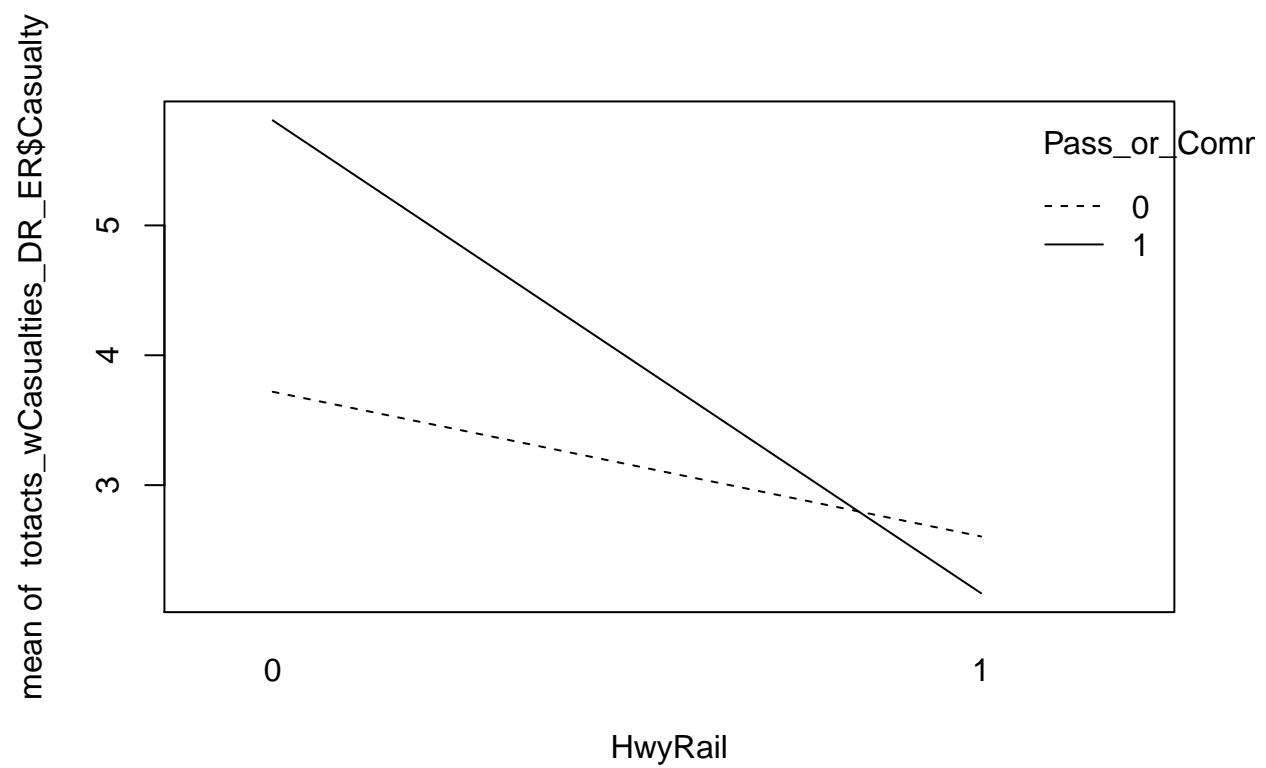
#### Highway Rail Plots
# Interaction of highway rail and day
interaction.plot(HwyRail, day, totacts_wCasualties_DR_ER$Casualty)
```



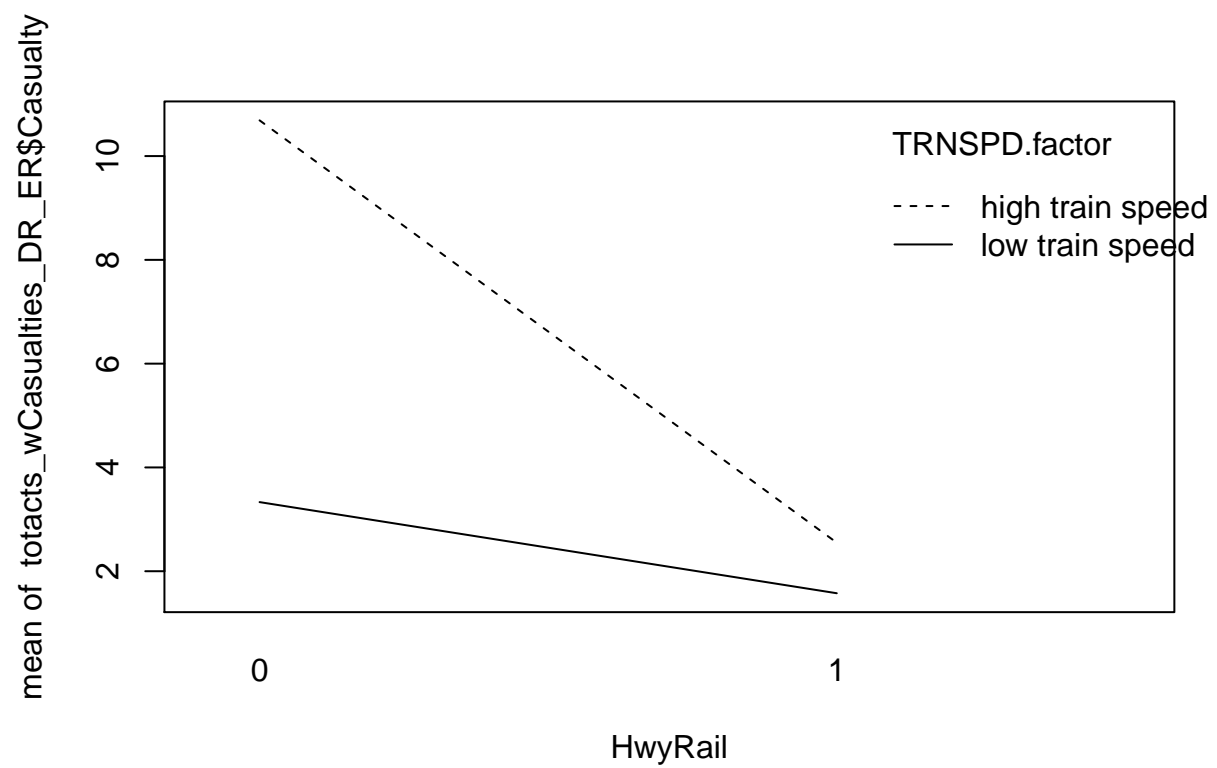
```
# Interaction of highway rail and clear  
interaction.plot(HwyRail, clear, totacts_wCasualties_DR_ER$Casualty)
```



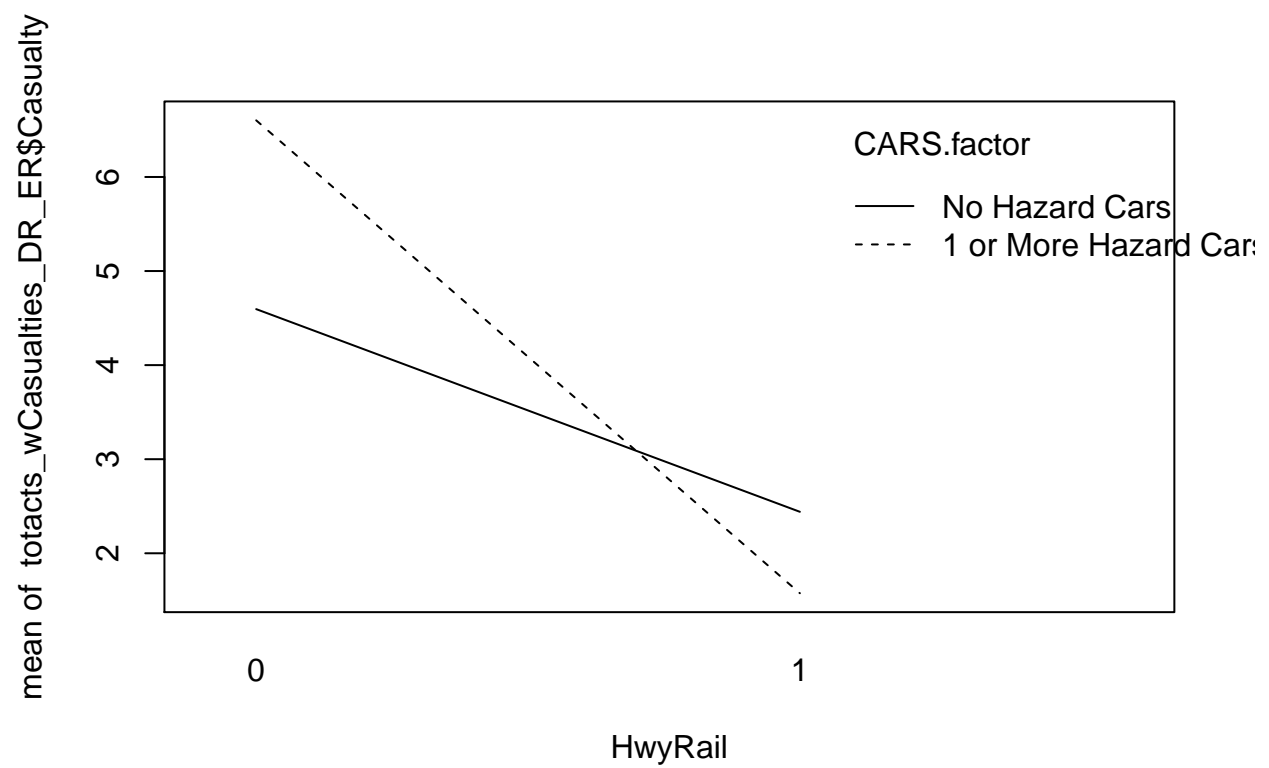
```
# Interaction of highway rail and Pass_or_Comm  
interaction.plot(HwyRail, Pass_or_Comm, totacts_wCasualties_DR_ER$Casualty)
```



```
# Interaction of highway rail and TRNSPD.factor  
interaction.plot(HwyRail, TRNSPD.factor, totacts_wCasualties_DR_ER$Casualty)
```

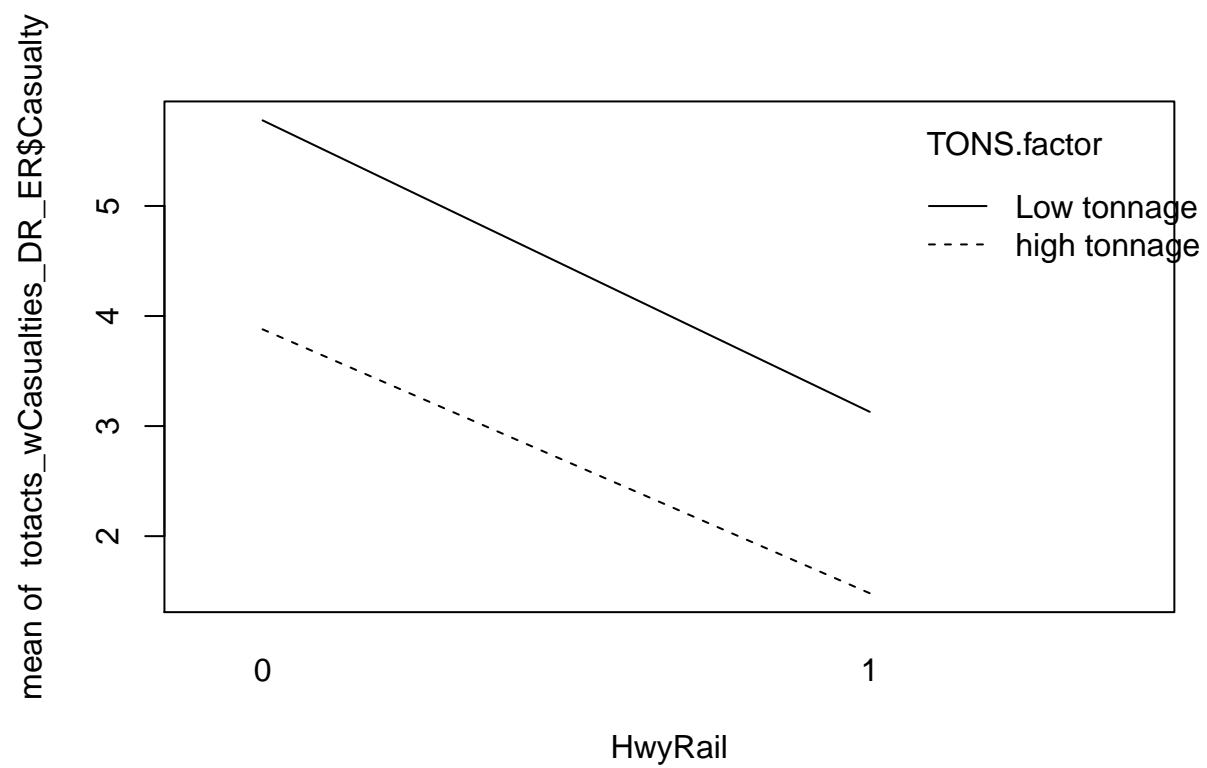


```
# Interaction of highway rail and CARS.factor  
interaction.plot(HwyRail, CARS.factor, totacts_wCasualties_DR_ER$Casualty)
```

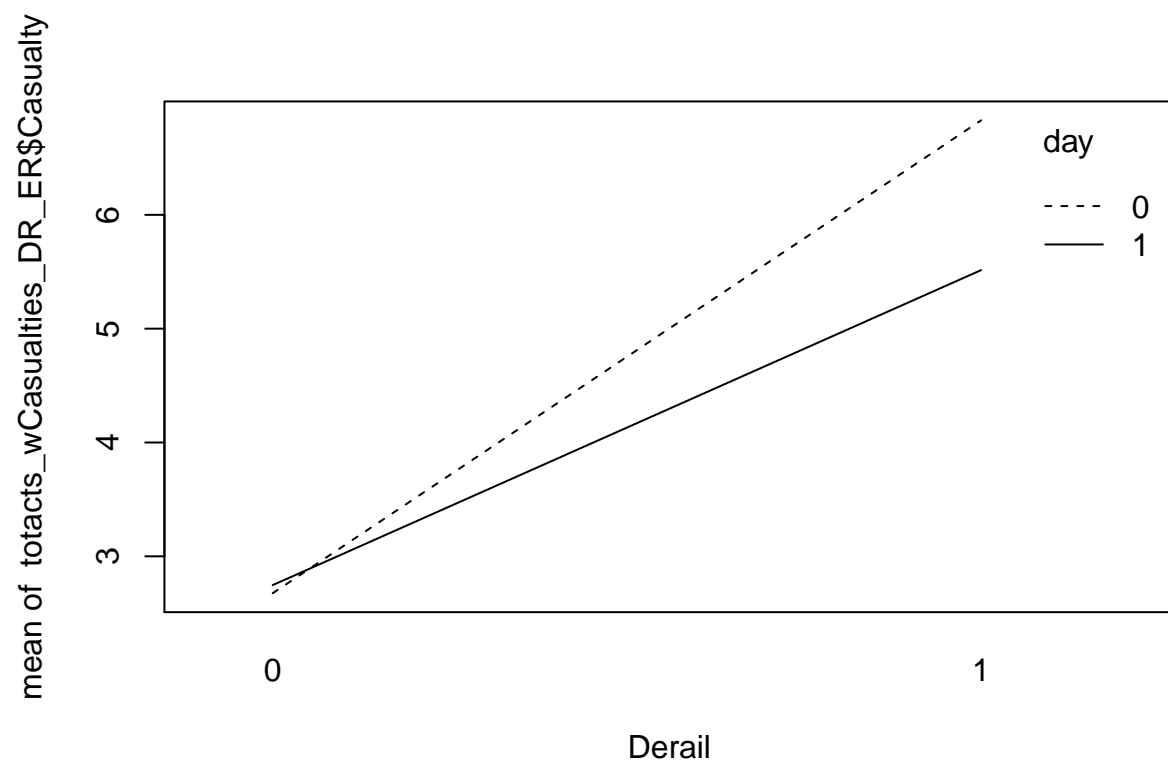


```
# Interaction of highway rail and TONS.factor  
interaction.plot(HwyRail, TONS.factor, totacts_wCasualties_DR_ER$Casualty)
```

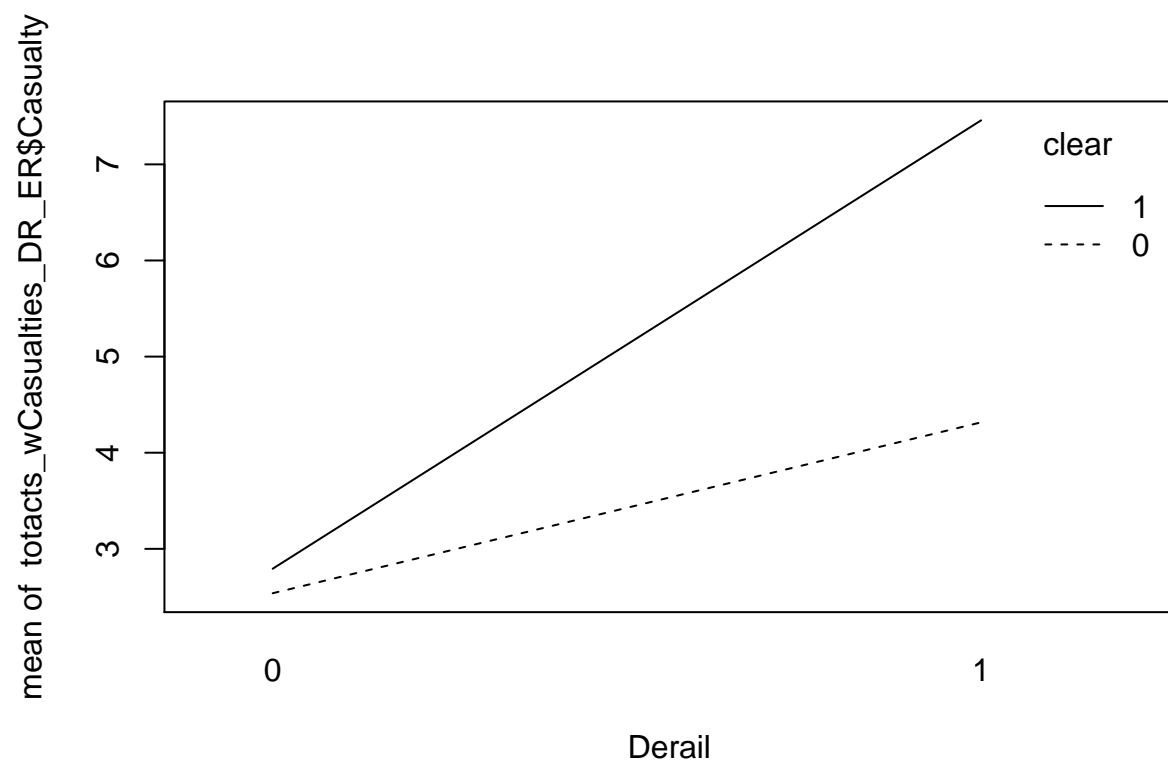




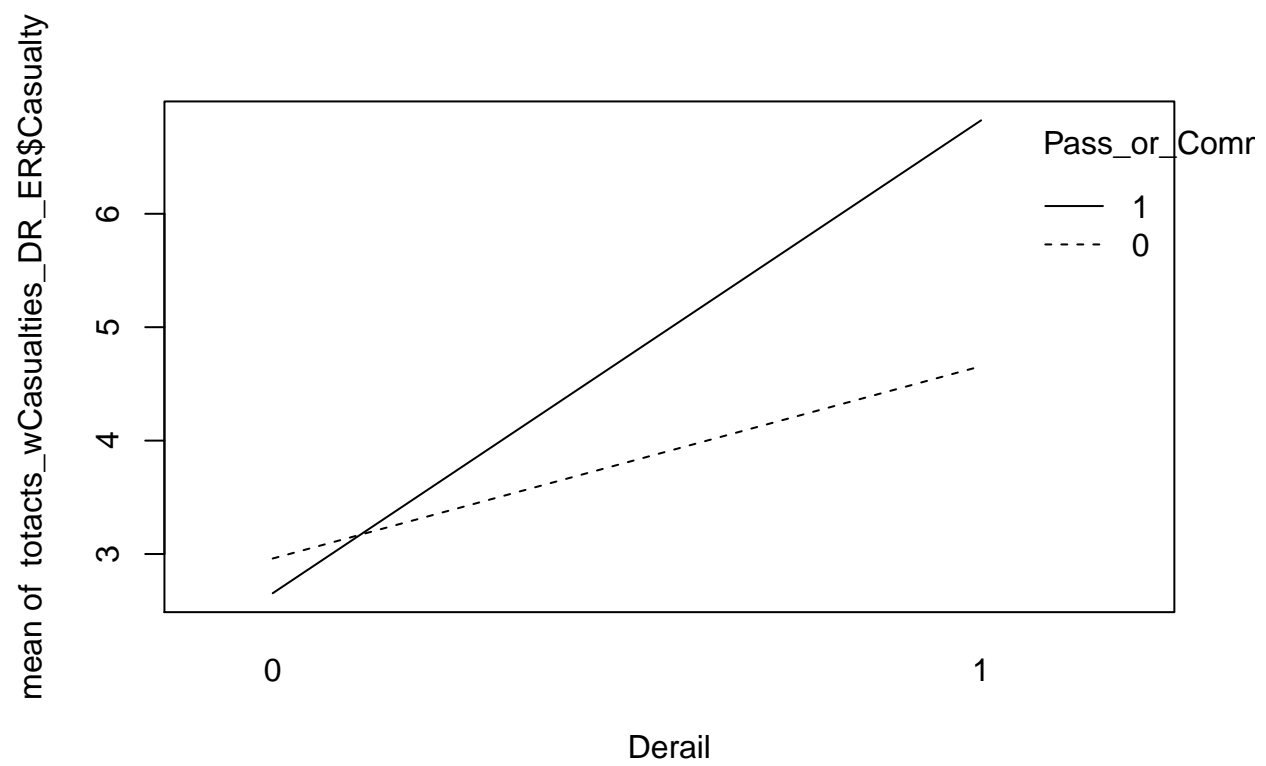
```
#### Derailment Plots
# Interaction of highway rail and day
interaction.plot(Derail, day, totacts_wCasualties_DR_ER$Casualty)
```



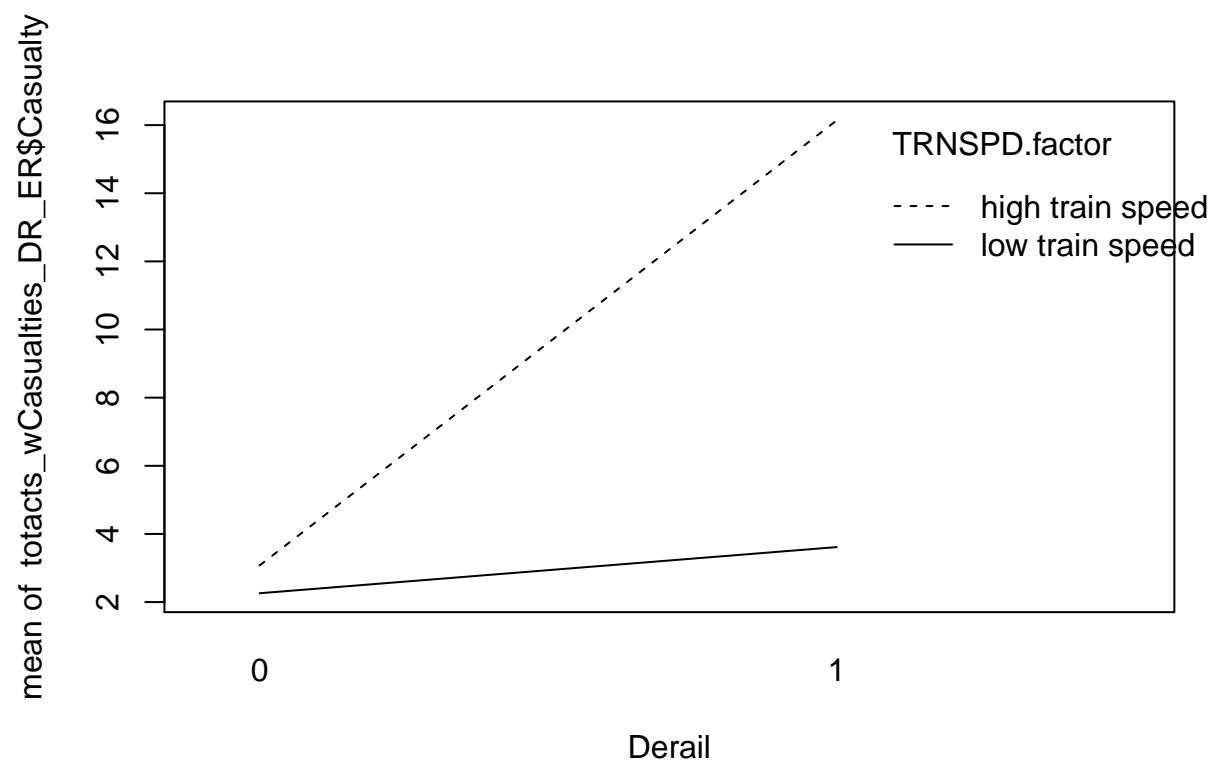
```
# Interaction of highway rail and clear  
interaction.plot(Derail, clear, totacts_wCasualties_DR_ER$Casualty)
```



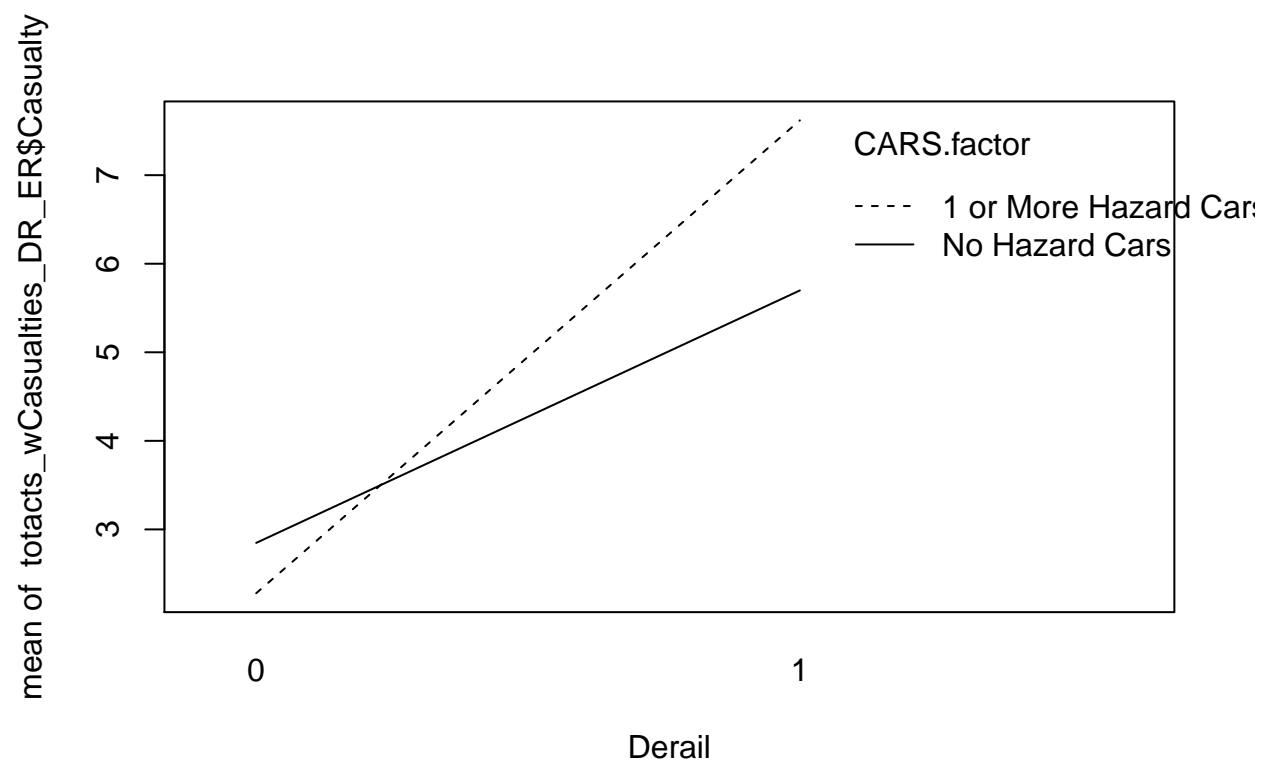
```
# Interaction of highway rail and Pass_or_Comm  
interaction.plot(Derail, Pass_or_Comm, totacts_wCasualties_DR_ER$Casualty)
```



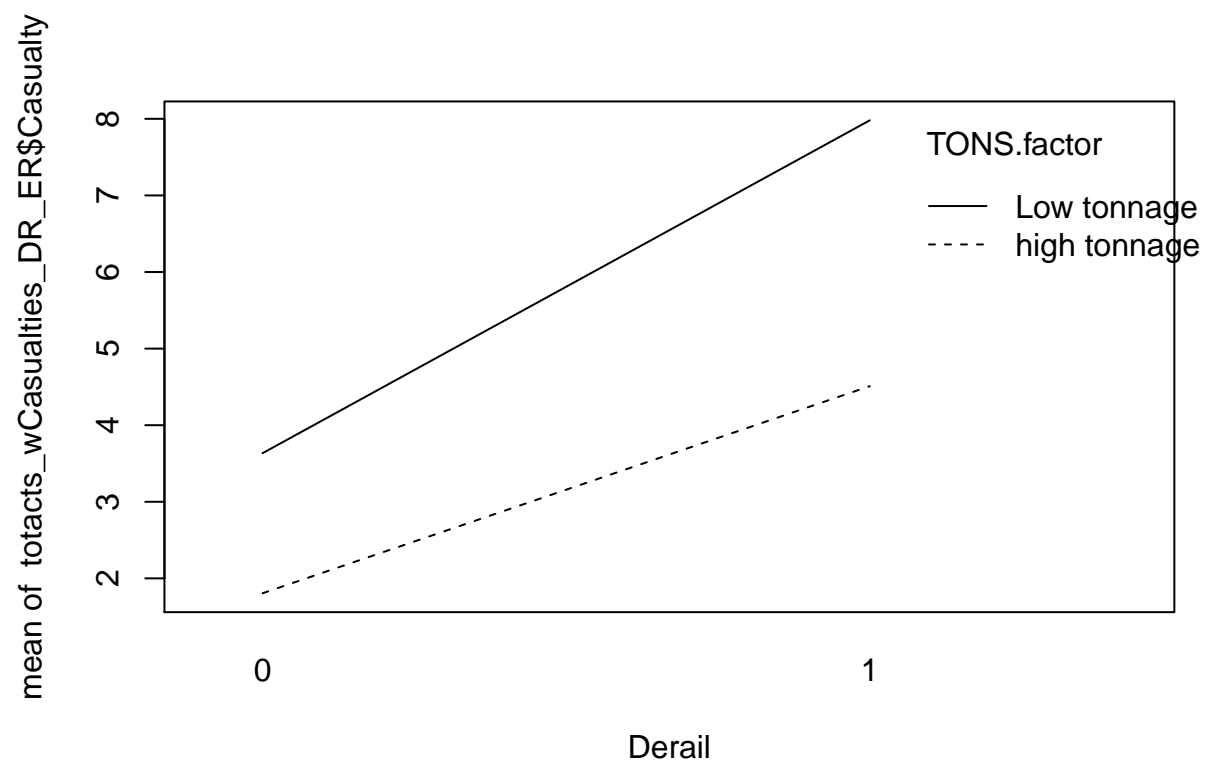
```
# Interaction of highway rail and TRNSPD.factor  
interaction.plot(Derail, TRNSPD.factor, totacts_wCasualties_DR_ER$Casualty)
```



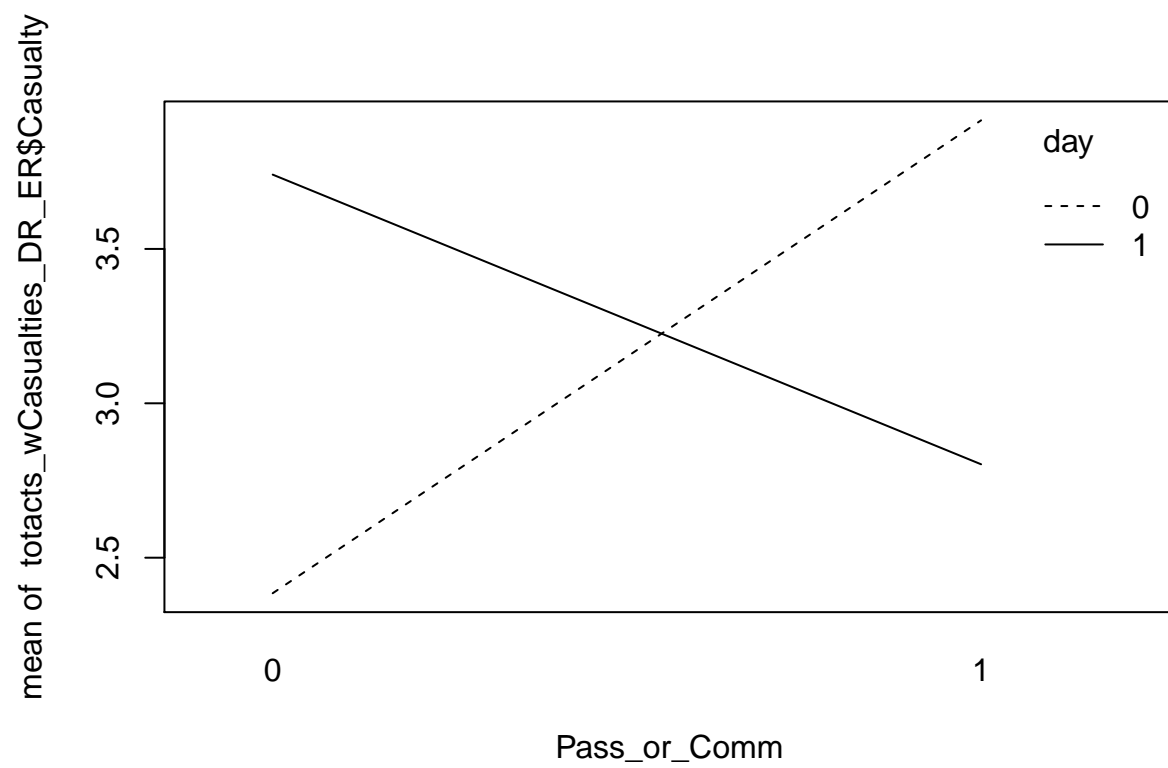
```
# Interaction of highway rail and CARS.factor  
interaction.plot(Derail, CARS.factor, totacts_wCasualties_DR_ER$Casualty)
```



```
# Interaction of highway rail and TONS.factor  
interaction.plot(Derail, TONS.factor, totacts_wCasualties_DR_ER$Casualty)
```

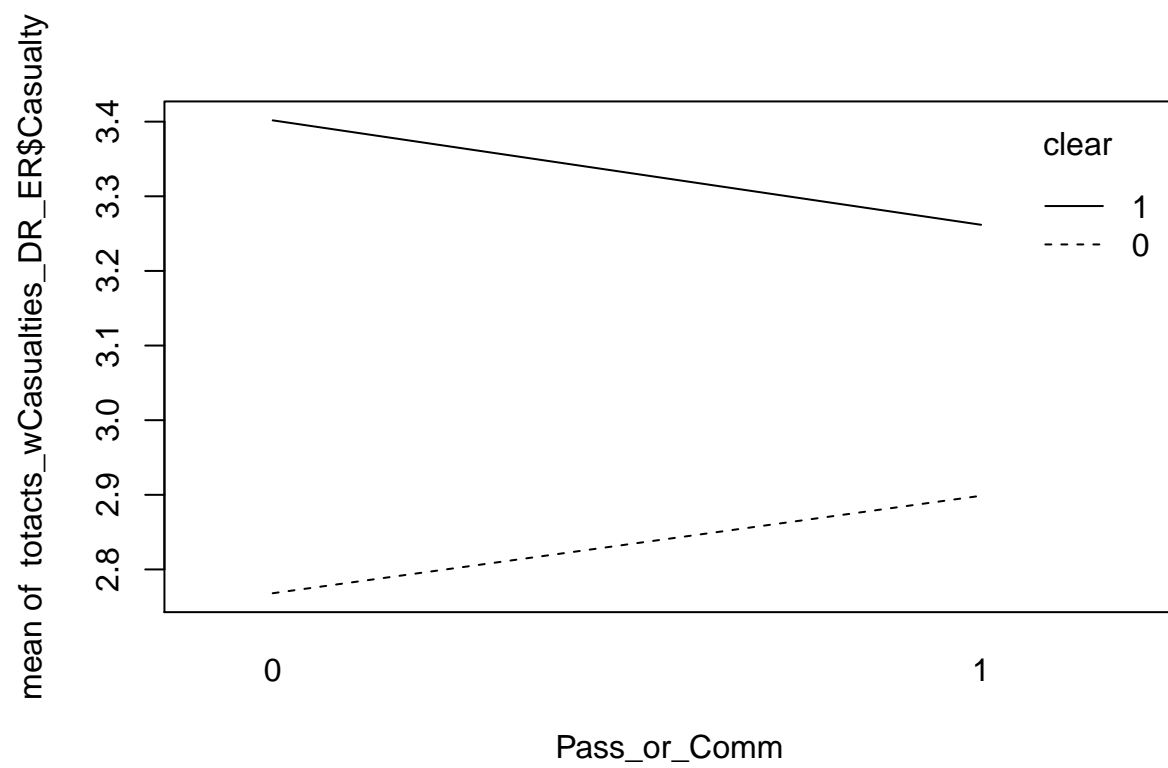


```
#### Passenger or Commuter
# Interaction of Passenger or Commuter and day
interaction.plot(Pass_or_Comm, day, totacts_wCasualties_DR_ER$Casualty)
```

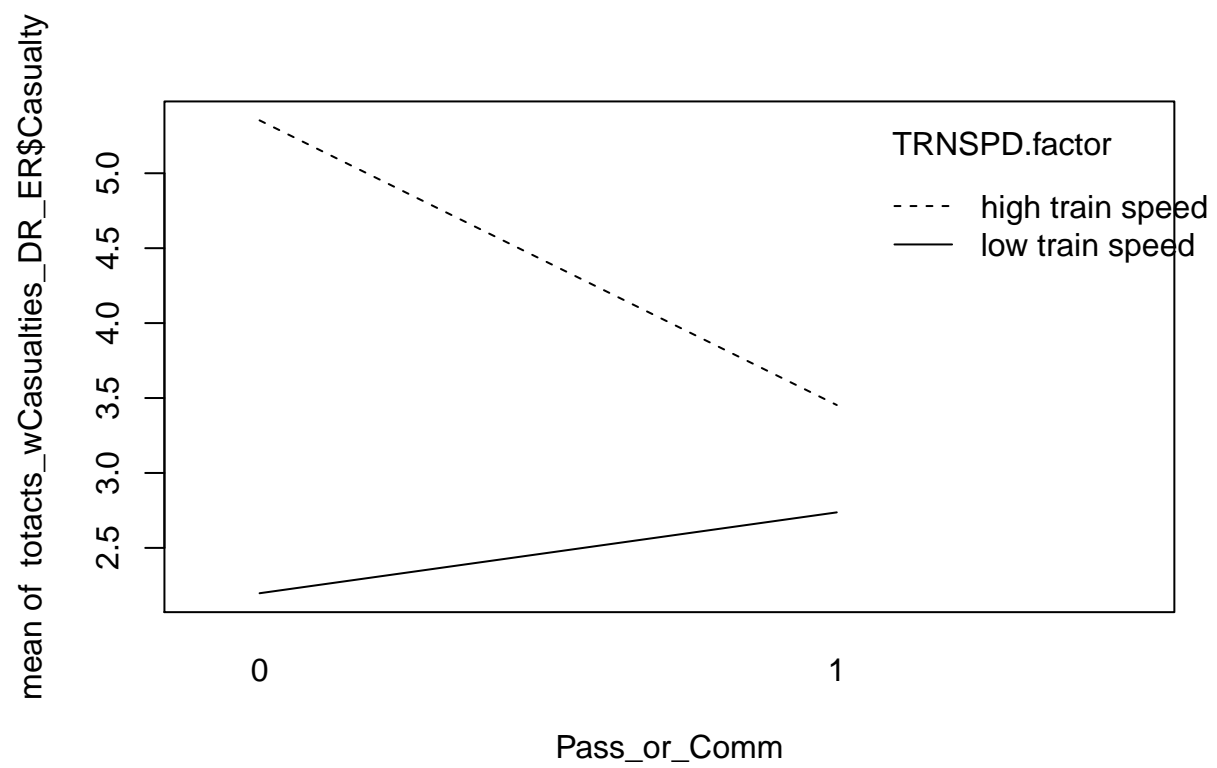


```
# Interaction of Passenger or Commuter and clear  
interaction.plot(Pass_or_Comm, clear, totacts_wCasualties_DR_ER$Casualty)
```

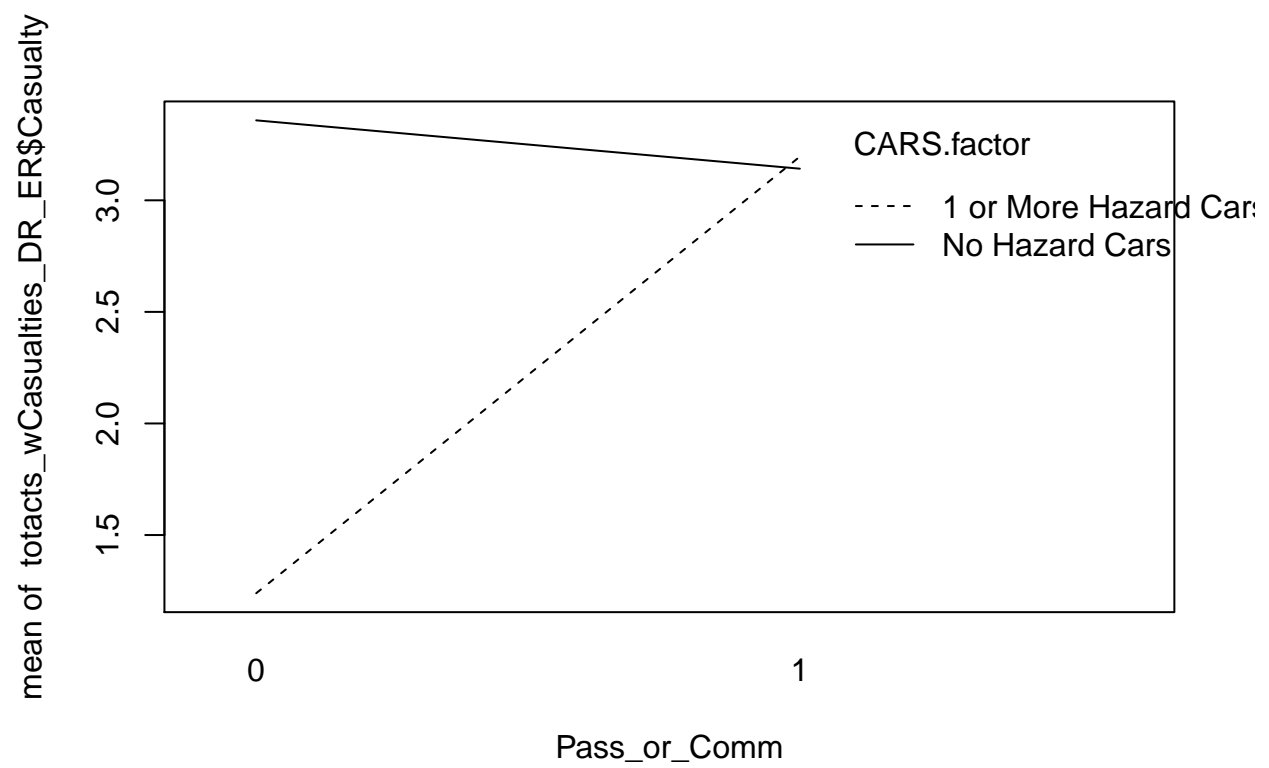




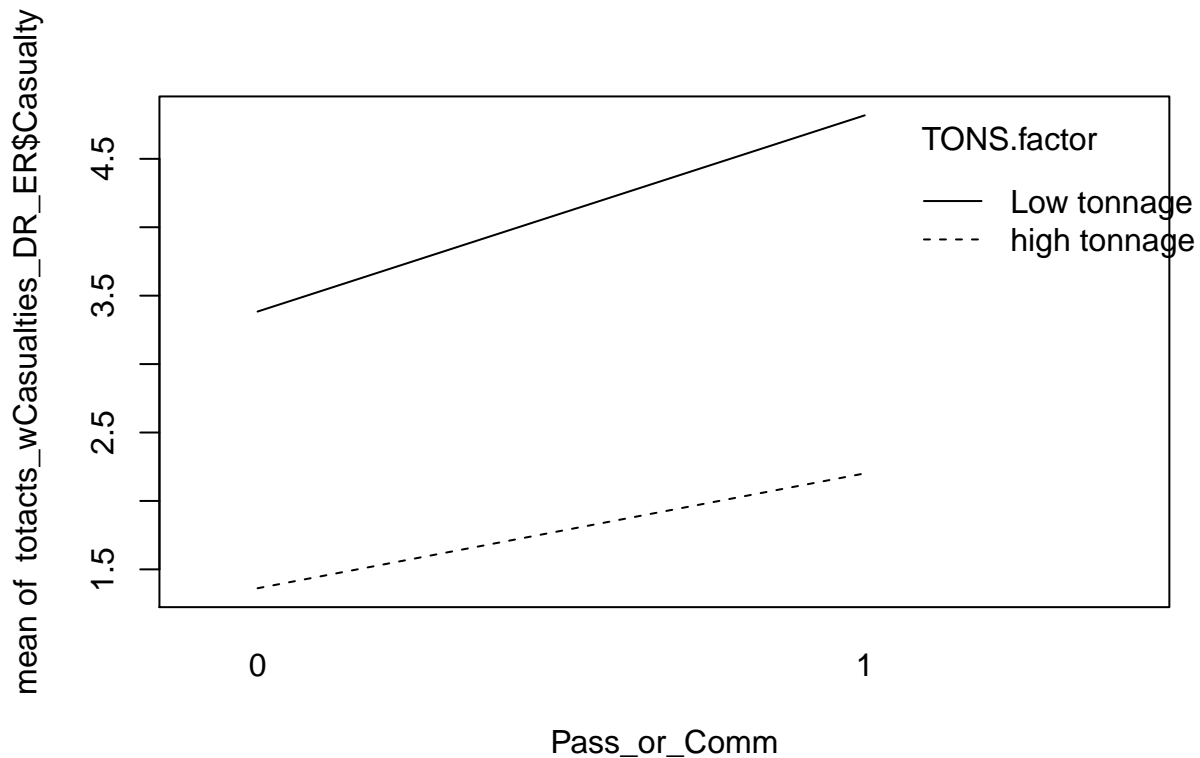
```
# Interaction of Passenger or Commuter and TRNSPD.factor  
interaction.plot(Pass_or_Comm, TRNSPD.factor, totacts_wCasualties_DR_ER$Casualty)
```



```
# Interaction of Passenger or Commuter and CARS.factor  
interaction.plot(Pass_or_Comm, CARS.factor, totacts_wCasualties_DR_ER$Casualty)
```



```
# Interaction of Passenger or Commuter and TONS.factor  
interaction.plot(Pass_or_Comm, TONS.factor, totacts_wCasualties_DR_ER$Casualty)
```



```
print("Looking at highway-rail interactions, it seems like non-highway rail accidents are worse on average")
```

```
## [1] "Looking at highway-rail interactions, it seems like non-highway rail accidents are worse on average"
```

```
print("Looking at derailment interactions, low tonnage accidents are worse on average which is probably")
```

```
## [1] "Looking at derailment interactions, low tonnage accidents are worse on average which is probably"
```

```
print("Looking at passenger or commuter train type accidents, lower tonnage is associated with more severe")
```

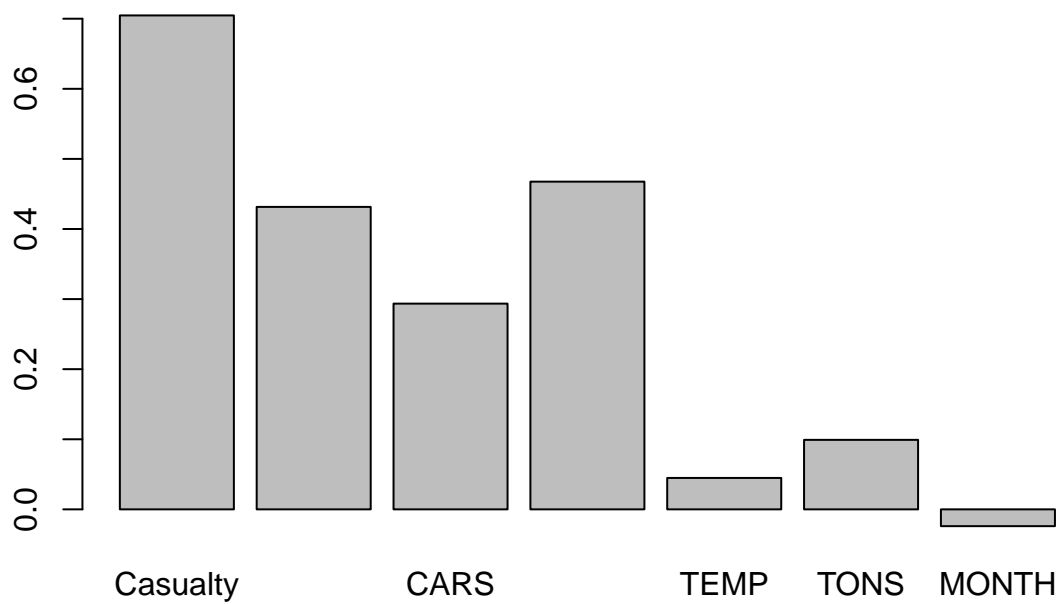
```
## [1] "Looking at passenger or commuter train type accidents, lower tonnage is associated with more severe"
```

```
##### Most important plots pasted for convenience:
```

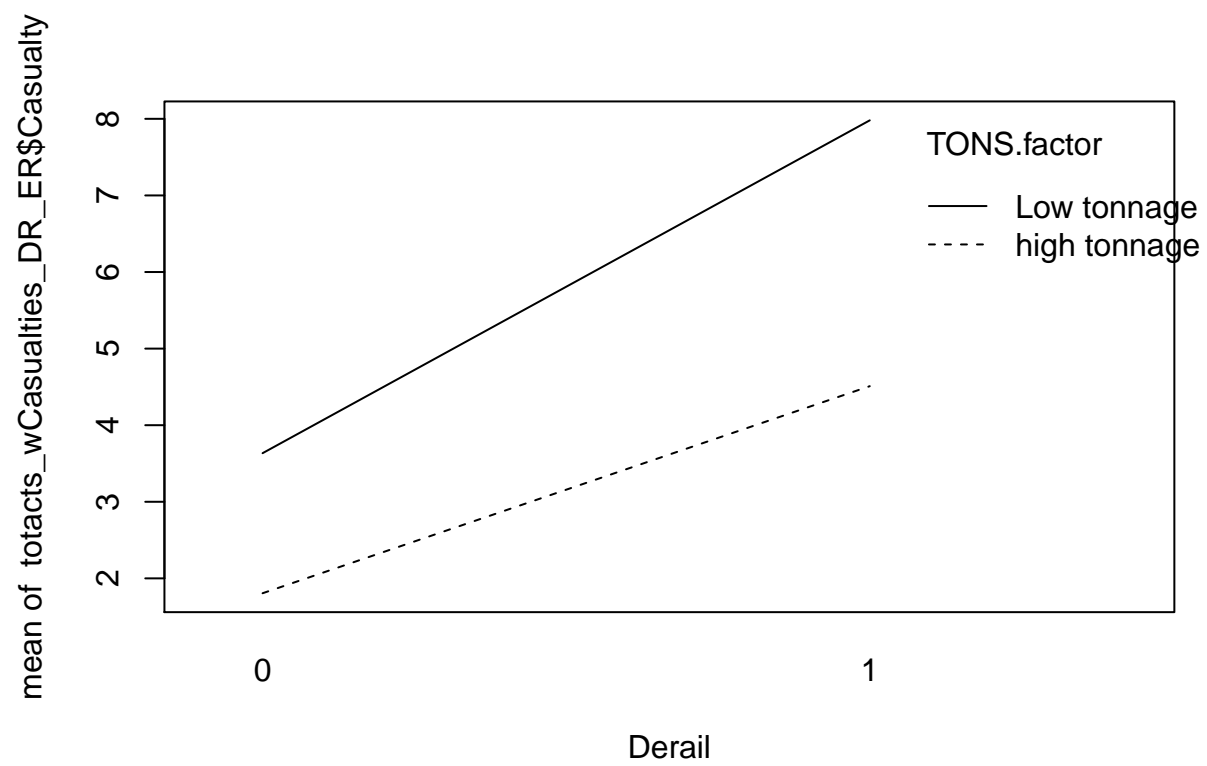
```
# 3rd PC Loadings
```

```
barplot(totacts_wCasualties.pca$loadings[,3], main='PC3 Loadings')
```

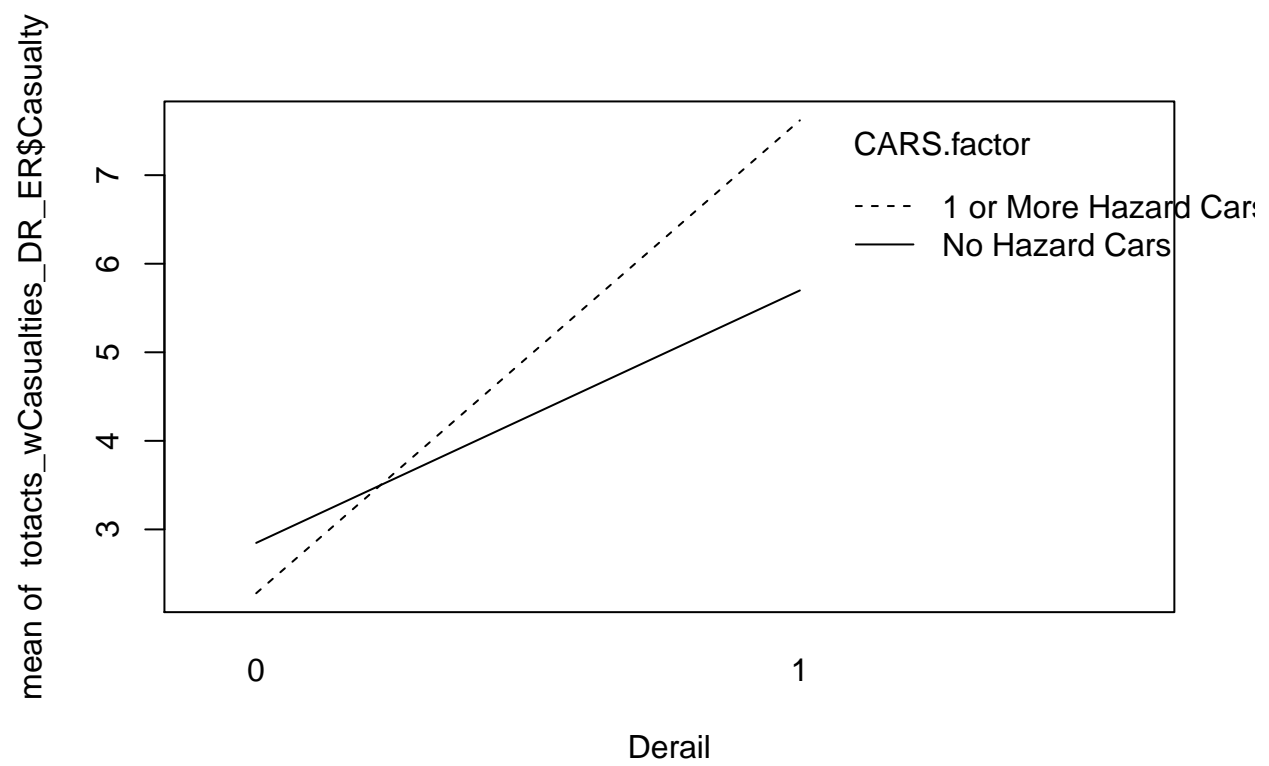
### PC3 Loadings



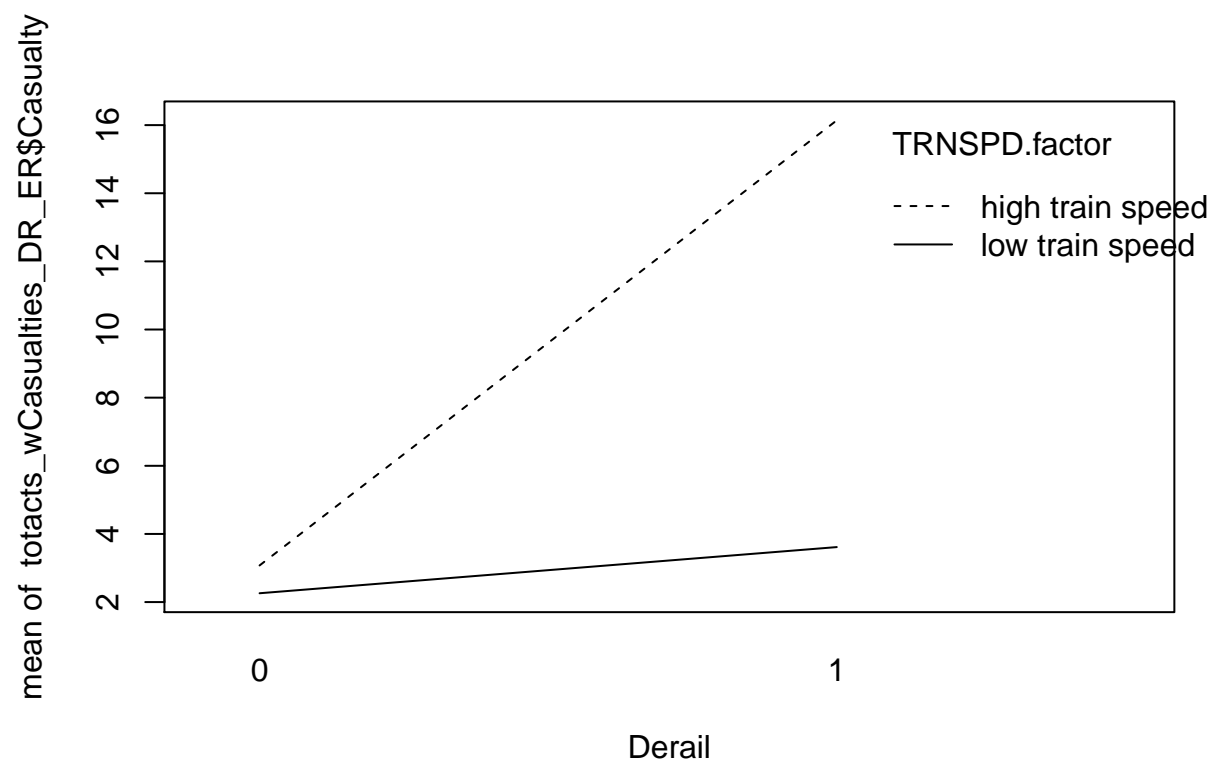
```
# Interaction of highway rail and TONS.factor  
interaction.plot(Derail, TONS.factor, totacts_wCasualties_DR_ER$Casualty)
```



```
# Interaction of highway rail and CARS.factor  
interaction.plot(Derail, CARS.factor, totacts_wCasualties_DR_ER$Casualty)
```

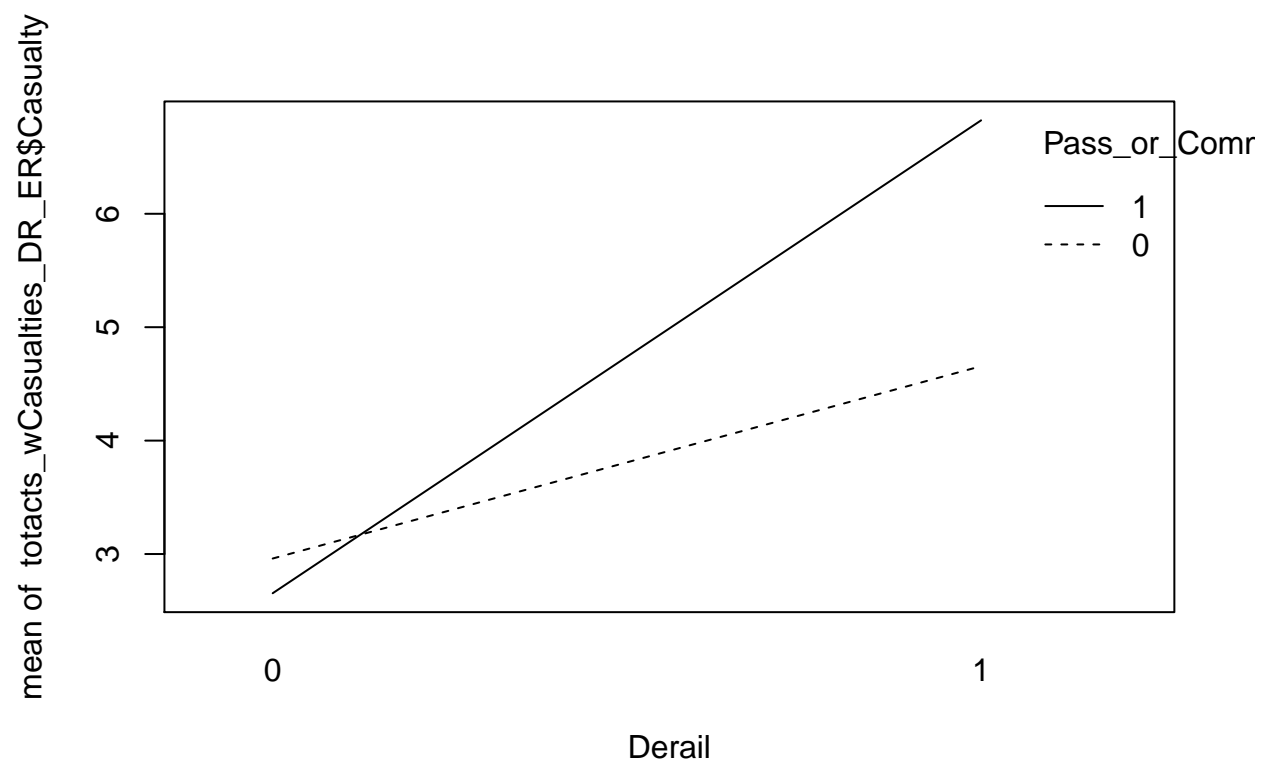


```
# Interaction of highway rail and TRNSPD.factor  
interaction.plot(Derail, TRNSPD.factor, totacts_wCasualties_DR_ER$Casualty)
```

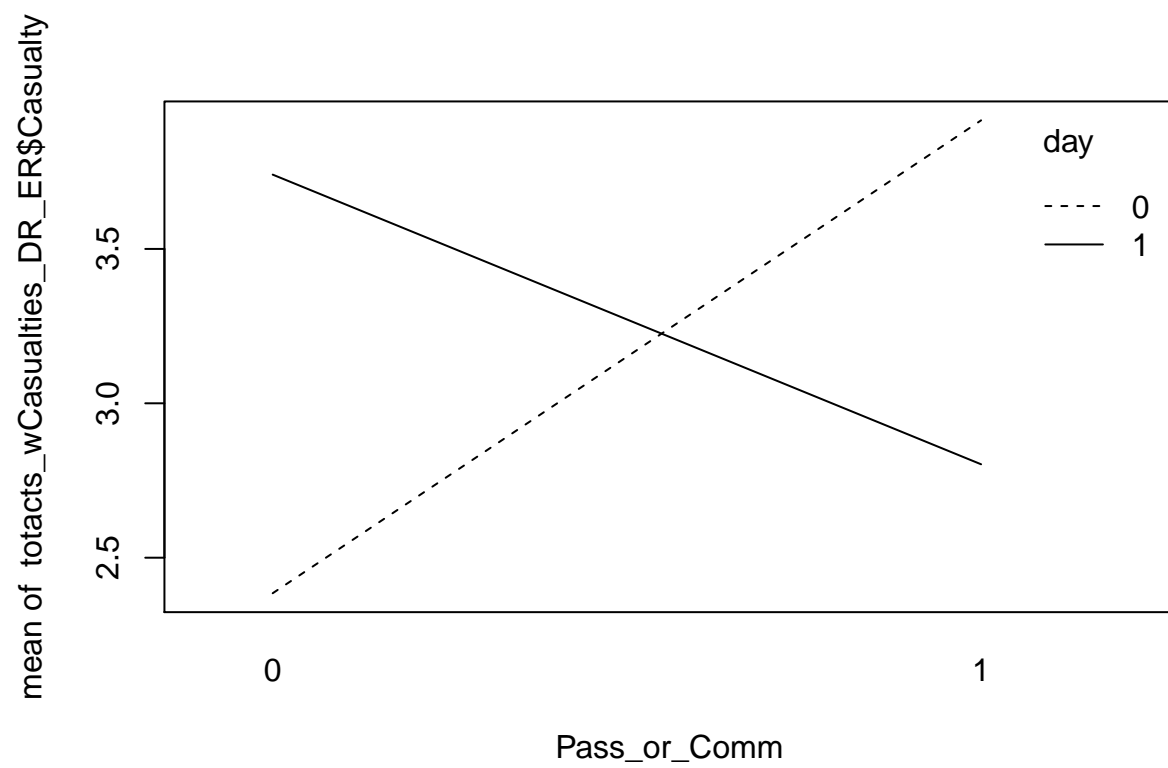


```
# Interaction of highway rail and Pass_or_Comm  
interaction.plot(Derail, Pass_or_Comm, totacts_wCasualties_DR_ER$Casualty)
```

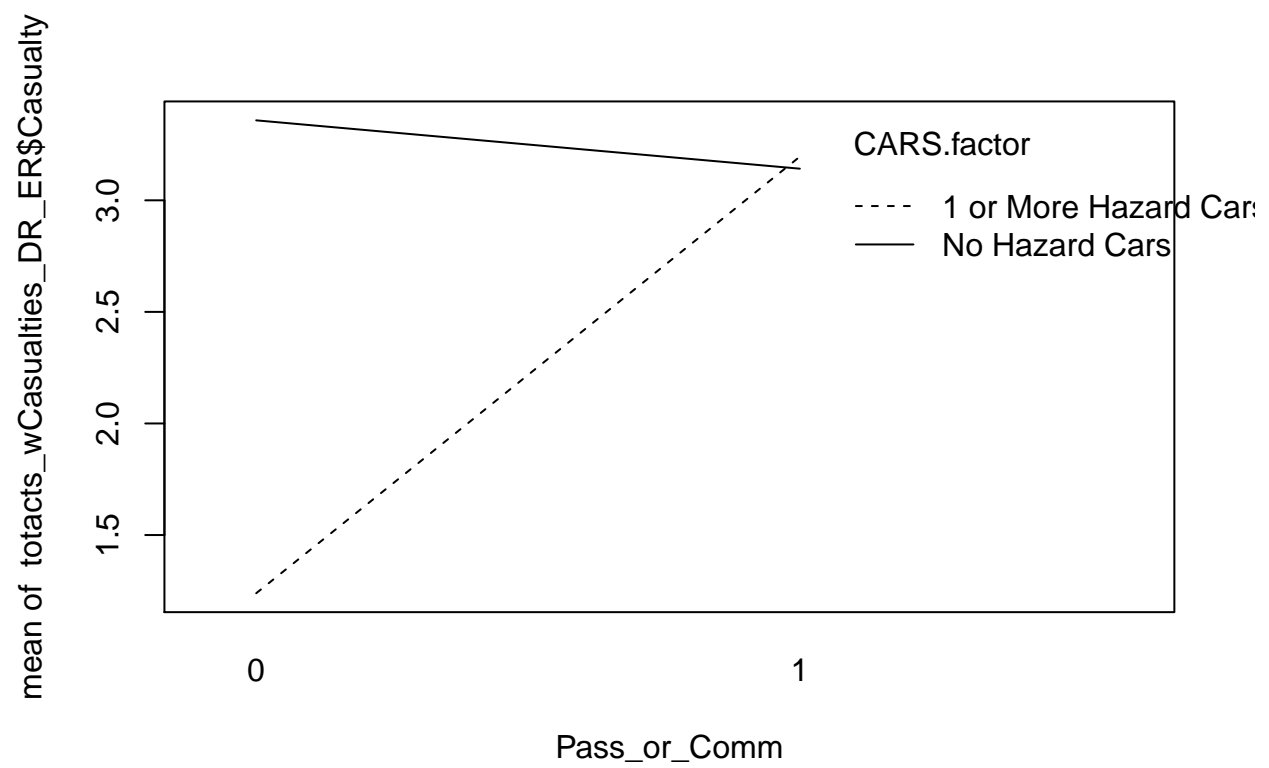




```
# Interaction of Passenger or Commuter and day  
interaction.plot(Pass_or_Comm, day, totacts_wCasualties_DR_ER$Casualty)
```

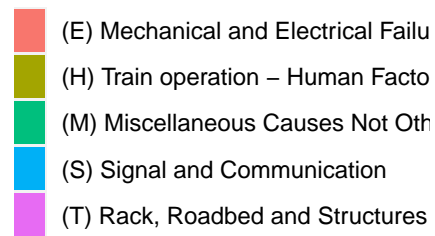


```
# Interaction of Passenger or Commuter and CARS.factor  
interaction.plot(Pass_or_Comm, CARS.factor, totacts_wCasualties_DR_ER$Casualty)
```

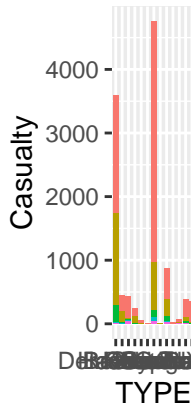


```
ggarrange(plt_1, plt_2, plt_3, plt_4, plt_5, plt_6, nrow = 2, ncol = 3)
```

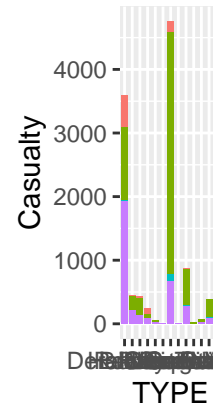
Cause



TYPE



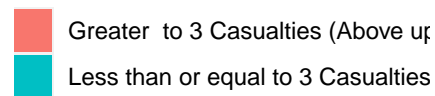
WEATHER



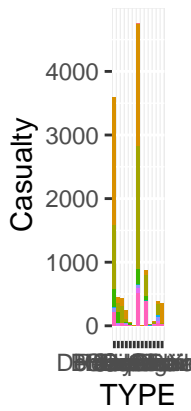
VISIBILITY



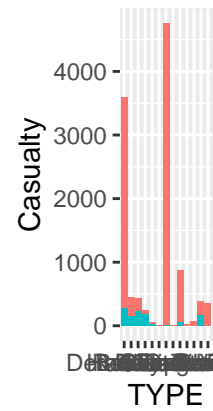
Cas\_factor



TYPE



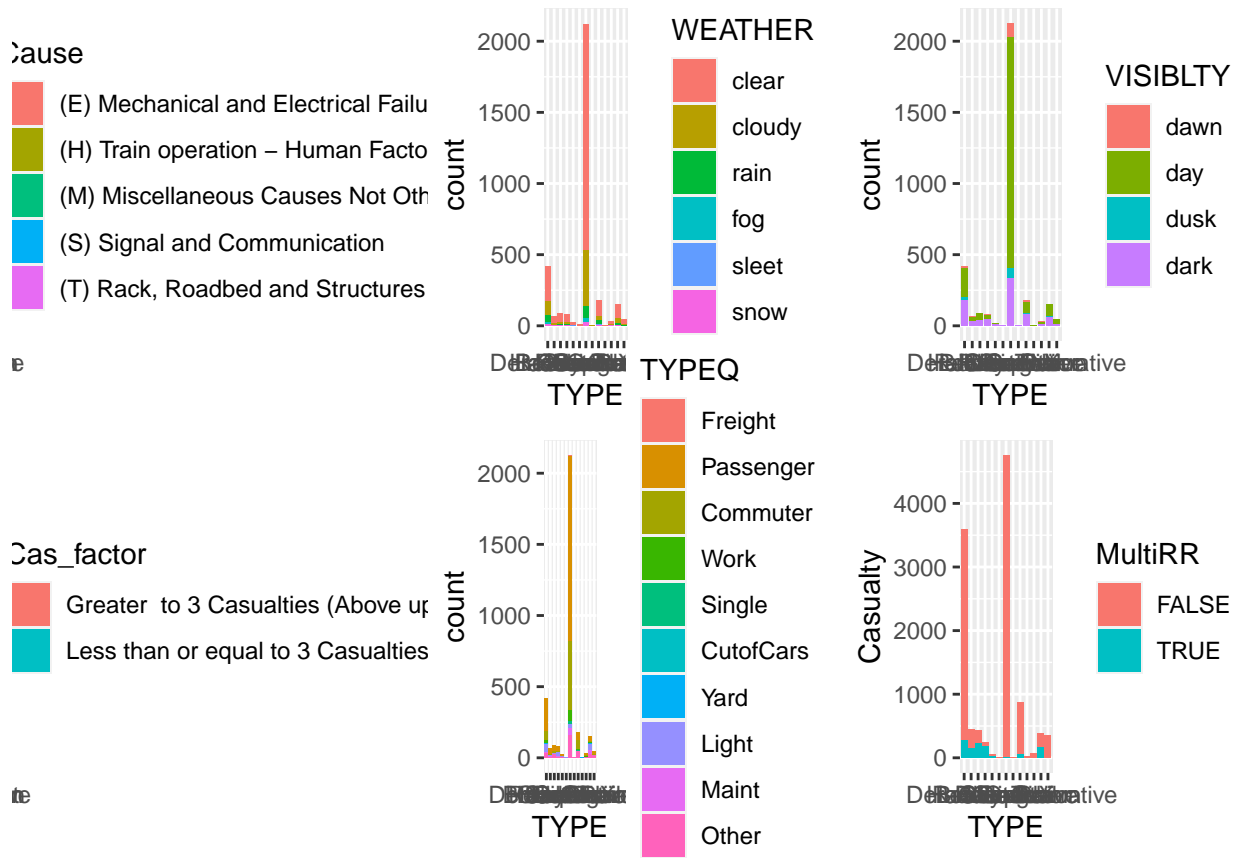
TYPEQ



MultiRR



```
ggarrange(plt_7, plt_8, plt_9, plt_10, plt_11, plt_12, nrow = 2, ncol = 3)
```



##### Playing Around

## Hypothesis formation:

Hypothesis 1:  $H_0$  : There is no relationship or an inverse relationship between derailment type accidents with passenger or commuter cars and accident severity relative to other types of accidents with other types of cars.  $H_1$  : There is a positive relationship between derailment type accidents with passenger or commuter cars and accident severity relative to other types of accidents with other types of cars.

Hypothesis 2:  $H_0$  : There is no interaction between derailment type accidents involving passenger or commuter cars and the number of hazard cars involved and train speed affecting accident severity.  $H_1$  : There is an interaction between derailment type accidents involving passenger or commuter cars and the number of hazard cars involved and train speed affecting accident severity.