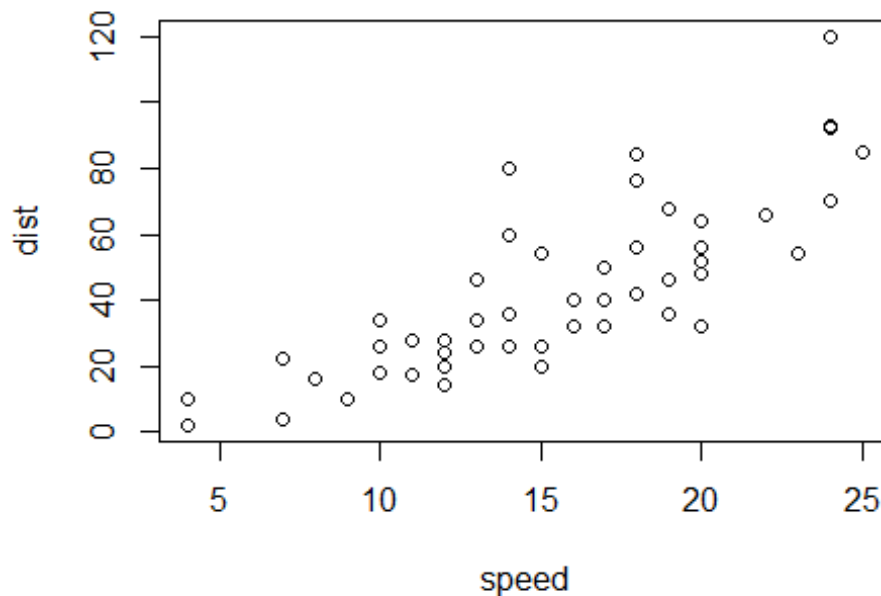


## R Notebook

This is an [R Markdown](#) Notebook. When you execute code within the notebook, the results appear beneath the code.

Try executing this chunk by clicking the *Run* button within the chunk or by placing your cursor inside it and pressing *Ctrl+Shift+Enter*.

```
plot(cars)
```



Add a new chunk by clicking the *Insert Chunk* button on the toolbar or by pressing *Ctrl+Alt+I*.

When you save the notebook, an HTML file containing the code and output will be saved alongside it (click the *Preview* button or press *Ctrl+Shift+K* to preview the HTML file).

The preview shows you a rendered HTML copy of the contents of the editor. Consequently, unlike *Knit*, *Preview* does not run any R code chunks. Instead, the output of the chunk when it was last run in the editor is displayed.

```
setwd("C:/")
```

```
library("tidyverse")
```

```

## -- Attaching packages -----
-----
- tidyverse 1.3.0 --

## v ggplot2 3.2.1      v purrr  0.3.3
## v tibble  2.1.3      v dplyr  0.8.3
## v tidyr   1.0.0      v stringr 1.4.0
## v readr   1.3.1      v forcats 0.4.0

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

library("tidymodels")

## Registered S3 method overwritten by 'xts':
##   method      from
##   as.zoo.xts zoo

## -- Attaching packages -----
-----
tidymodels 0.0.3 --

## v broom      0.5.3      v recipes  0.1.9
## v dials      0.0.4      v rsample   0.0.5
## v infer      0.5.1      v yardstick 0.0.4
## v parsnip    0.0.5

## -- Conflicts -----
-----
tidymodels_conflicts() --
## x scales::discard() masks purrr::discard()
## x dplyr::filter()    masks stats::filter()
## x recipes::fixed()   masks stringr::fixed()
## x dplyr::lag()        masks stats::lag()
## x dials::margin()     masks ggplot2::margin()
## x yardstick::spec()   masks readr::spec()
## x recipes::step()     masks stats::step()
## x recipes::yj_trans() masks scales::yj_trans()

library("plotly")

##
## Attaching package: 'plotly'

## The following object is masked from 'package:ggplot2':
##
##   last_plot

```

```

## The following object is masked from 'package:stats':
##
##   filter

## The following object is masked from 'package:graphics':
##
##   layout

library("skimr")
library("car")

## Loading required package: carData

## Registered S3 methods overwritten by 'car':
##   method                                from
##   influence.merMod                      lme4
##   cooks.distance.influence.merMod      lme4
##   dfbeta.influence.merMod              lme4
##   dfbetas.influence.merMod             lme4

##
## Attaching package: 'car'

## The following object is masked from 'package:dplyr':
##
##   recode

## The following object is masked from 'package:purrr':
##
##   some

library("lubridate")

##
## Attaching package: 'lubridate'

## The following object is masked from 'package:base':
##
##   date

dfbOrg <- read.csv("assignment2BikeShare.csv")
dfbOrg

##           DATE HOLIDAY WEEKDAY WEATHERSIT TEMP ATEMP HUMIDITY WINDSPEED
CASUAL
## 1  2011-01-01      NO      NO          2 11.0  11.0    81.0    17.00
331
## 2  2011-01-02      NO      NO          2  9.0   6.5    71.5    17.00
131
## 3  2011-01-03      NO     YES          1  1.0   4.0    44.0    18.00
120
## 4  2011-01-04      NO     YES          1  2.0   2.5    64.0     9.00

```

108									
## 5	2011-01-05	NO	YES	1	2.5	1.0	42.5	13.00	
82									
## 6	2011-01-06	NO	YES	1	2.0	2.0	52.0	6.00	
88									
## 7	2011-01-07	NO	YES	2	1.0	3.0	47.5	11.00	
148									
## 8	2011-01-08	NO	NO	2	1.0	5.0	51.0	17.00	
68									
## 9	2011-01-09	NO	NO	1	2.0	8.5	46.0	25.00	
54									
## 10	2011-01-10	NO	YES	1	2.0	6.0	50.0	15.00	
41									
## 11	2011-01-11	NO	YES	2	1.0	3.5	57.0	7.00	
43									
## 12	2011-01-12	NO	YES	1	1.0	5.5	55.0	22.00	
25									
## 13	2011-01-13	NO	YES	1	2.0	7.0	48.5	20.00	
38									
## 14	2011-01-14	NO	YES	1	2.0	3.0	54.0	8.00	
54									
## 15	2011-01-15	NO	NO	2	3.5	3.5	52.0	12.00	
222									
## 16	2011-01-16	NO	NO	1	2.5	2.0	49.5	15.00	
251									
## 17	2011-01-17	YES	YES	2	1.0	4.0	48.0	13.00	
117									
## 18	2011-01-18	NO	YES	2	1.0	3.0	87.0	14.00	
9									
## 19	2011-01-19	NO	YES	2	5.5	2.5	71.5	10.00	
78									
## 20	2011-01-20	NO	YES	2	4.0	2.0	56.0	15.00	
83									
## 21	2011-01-21	NO	YES	1	2.0	5.0	42.0	22.00	
75									
## 22	2011-01-22	NO	NO	1	6.5	11.0	42.0	11.00	
93									
## 23	2011-01-23	NO	NO	1	4.0	10.0	42.0	15.00	
150									
## 24	2011-01-24	NO	YES	1	2.5	7.0	49.0	13.00	
86									
## 25	2011-01-25	NO	YES	2	2.0	4.0	65.0	9.00	
186									
## 26	2011-01-26	NO	YES	3	2.0	4.0	93.0	22.00	
34									
## 27	2011-01-27	NO	YES	1	1.5	2.0	70.0	12.00	
15									
## 28	2011-01-28	NO	YES	2	1.0	2.0	80.0	7.00	
38									
## 29	2011-01-29	NO	NO	1	1.0	2.5	64.0	9.00	

123									
## 30	2011-01-30	NO	NO	1	3.0	2.0	70.0	0.00	
140									
## 31	2011-01-31	NO	YES	2	1.0	4.0	59.0	13.00	
42									
## 32	2011-02-01	NO	YES	2	2.0	1.0	86.5	0.00	
47									
## 33	2011-02-02	NO	YES	2	2.5	2.5	93.0	16.00	
72									
## 34	2011-02-03	NO	YES	1	1.0	4.5	44.0	20.00	
61									
## 35	2011-02-04	NO	YES	2	3.0	1.5	59.0	9.00	
88									
## 36	2011-02-05	NO	NO	2	2.0	1.0	100.0	10.00	
100									
## 37	2011-02-06	NO	NO	1	4.5	3.0	61.0	7.00	
354									
## 38	2011-02-07	NO	YES	1	5.0	5.0	75.0	0.00	
120									
## 39	2011-02-08	NO	YES	1	3.0	4.0	40.0	27.00	
64									
## 40	2011-02-09	NO	YES	2	2.0	6.0	44.0	12.00	
53									
## 41	2011-02-10	NO	YES	1	2.0	5.5	41.5	15.00	
47									
## 42	2011-02-11	NO	YES	1	4.0	4.0	59.0	6.00	
149									
## 43	2011-02-12	NO	NO	1	3.5	2.0	43.5	10.00	
288									
## 44	2011-02-13	NO	NO	1	9.5	6.0	36.0	20.00	
397									
## 45	2011-02-14	NO	YES	1	10.0	6.0	40.5	29.00	
208									
## 46	2011-02-15	NO	YES	1	4.0	3.5	32.0	17.00	
140									
## 47	2011-02-16	NO	YES	1	8.0	5.5	44.0	15.00	
218									
## 48	2011-02-17	NO	YES	1	13.5	13.5	54.5	15.00	
259									
## 49	2011-02-18	NO	YES	1	15.5	15.5	51.0	16.00	
579									
## 50	2011-02-19	NO	NO	1	11.0	11.0	17.0	35.00	
532									
## 51	2011-02-20	NO	NO	1	6.0	4.0	42.5	11.00	
639									
## 52	2011-02-21	YES	YES	2	7.0	5.0	66.0	20.00	
195									
## 53	2011-02-22	NO	YES	1	2.0	6.0	60.0	17.00	
74									
## 54	2011-02-23	NO	YES	1	3.0	6.0	48.0	6.00	

139								
## 55	2011-02-24	NO	YES	2	7.0	4.0	70.0	19.00
100								
## 56	2011-02-25	NO	YES	2	7.0	6.0	60.0	24.00
120								
## 57	2011-02-26	NO	NO	1	5.0	3.0	56.0	14.00
424								
## 58	2011-02-27	NO	NO	1	9.0	8.0	62.0	9.00
694								
## 59	2011-02-28	NO	YES	2	10.0	8.0	93.0	19.50
81								
## 60	2011-03-01	NO	YES	1	3.5	4.0	58.0	14.00
137								
## 61	2011-03-02	NO	YES	1	6.5	3.5	37.0	19.50
231								
## 62	2011-03-03	NO	YES	1	1.5	3.0	34.0	13.00
123								
## 63	2011-03-04	NO	YES	2	5.5	4.0	67.5	13.00
214								
## 64	2011-03-05	NO	NO	2	12.0	12.0	77.0	19.50
640								
## 65	2011-03-06	NO	NO	2	11.5	11.5	100.0	21.00
114								
## 66	2011-03-07	NO	YES	1	4.0	4.0	48.0	26.00
244								
## 67	2011-03-08	NO	YES	1	6.0	3.0	45.5	8.00
316								
## 68	2011-03-09	NO	YES	2	7.0	3.0	76.0	17.00
191								
## 69	2011-03-10	NO	YES	3	10.5	9.5	100.0	17.00
46								
## 70	2011-03-11	NO	YES	2	7.0	4.0	57.0	17.00
247								
## 71	2011-03-12	NO	NO	1	8.5	5.5	63.5	13.00
724								
## 72	2011-03-13	NO	NO	1	9.5	8.5	53.5	20.00
982								
## 73	2011-03-14	NO	YES	1	7.5	5.5	47.5	9.00
359								
## 74	2011-03-15	NO	YES	2	7.0	5.0	68.0	13.00
289								
## 75	2011-03-16	NO	YES	2	9.0	8.0	82.0	13.00
321								
## 76	2011-03-17	NO	YES	1	12.0	12.0	63.0	15.00
424								
## 77	2011-03-18	NO	YES	1	19.0	19.0	52.0	15.00
884								
## 78	2011-03-19	NO	NO	1	14.0	14.0	38.0	25.00
1424								
## 79	2011-03-20	NO	NO	1	8.0	5.0	51.5	15.00

1047								
## 80	2011-03-21	NO	YES	2	12.5	12.5	74.5	19.50
401								
## 81	2011-03-22	NO	YES	1	13.0	13.0	56.5	16.00
460								
## 82	2011-03-23	NO	YES	2	8.0	5.0	87.0	15.00
203								
## 83	2011-03-24	NO	YES	2	5.5	2.0	76.0	15.00
166								
## 84	2011-03-25	NO	YES	1	4.5	3.0	44.0	17.00
300								
## 85	2011-03-26	NO	NO	1	4.0	2.0	42.0	13.00
981								
## 86	2011-03-27	NO	NO	2	4.0	3.0	45.0	12.00
472								
## 87	2011-03-28	NO	YES	1	4.0	3.0	26.0	15.00
222								
## 88	2011-03-29	NO	YES	1	7.5	4.5	28.0	17.00
317								
## 89	2011-03-30	NO	YES	2	7.0	5.0	57.0	15.00
168								
## 90	2011-03-31	NO	YES	3	4.5	1.5	93.0	15.00
179								
## 91	2011-04-01	NO	YES	2	7.0	4.0	61.0	17.00
307								
## 92	2011-04-02	NO	NO	2	7.0	4.5	65.5	11.00
898								
## 93	2011-04-03	NO	NO	1	11.0	11.0	44.0	13.00
1651								
## 94	2011-04-04	NO	YES	1	22.0	21.5	43.0	25.00
734								
## 95	2011-04-05	NO	YES	2	10.0	6.0	60.0	28.00
167								
## 96	2011-04-06	NO	YES	1	12.5	12.5	41.0	18.00
413								
## 97	2011-04-07	NO	YES	1	12.0	12.0	63.0	13.00
571								
## 98	2011-04-08	NO	YES	2	8.0	6.0	87.0	15.00
172								
## 99	2011-04-09	NO	NO	2	9.0	8.0	87.0	9.00
879								
## 100	2011-04-10	NO	NO	2	11.5	11.5	88.0	9.00
1188								
## 101	2011-04-11	NO	YES	2	20.5	20.5	73.0	19.50
855								
## 102	2011-04-12	NO	YES	2	16.0	16.0	77.0	19.00
257								
## 103	2011-04-13	NO	YES	2	11.5	11.5	85.0	17.00
209								
## 104	2011-04-14	NO	YES	1	14.0	14.0	55.0	9.00

529							
## 105	2011-04-15	YES	YES	1	13.0	13.0	67.0 17.00
642							
## 106	2011-04-16	NO	NO	3	12.0	12.0	88.0 22.00
121							
## 107	2011-04-17	NO	NO	1	13.5	13.5	43.0 22.00
1558							
## 108	2011-04-18	NO	YES	1	17.0	17.0	49.0 11.00
669							
## 109	2011-04-19	NO	YES	2	16.0	16.0	67.5 11.00
409							
## 110	2011-04-20	NO	YES	1	22.0	22.0	54.5 17.00
613							
## 111	2011-04-21	NO	YES	1	13.5	13.5	42.5 23.00
745							
## 112	2011-04-22	NO	YES	2	8.0	5.0	66.0 15.00
177							
## 113	2011-04-23	NO	NO	2	14.0	14.0	88.0 15.00
1462							
## 114	2011-04-24	NO	NO	2	19.0	19.0	83.0 13.00
1710							
## 115	2011-04-25	NO	YES	1	21.0	21.0	74.0 15.00
773							
## 116	2011-04-26	NO	YES	1	22.5	22.5	74.0 22.00
678							
## 117	2011-04-27	NO	YES	2	22.0	22.0	83.0 19.00
547							
## 118	2011-04-28	NO	YES	2	22.0	22.0	78.0 22.00
569							
## 119	2011-04-29	NO	YES	1	17.0	17.0	45.0 19.00
878							
## 120	2011-04-30	NO	NO	1	13.0	13.0	54.0 15.00
1965							
## 121	2011-05-01	NO	NO	2	14.0	14.0	77.0 7.00
1138							
## 122	2011-05-02	NO	YES	2	19.5	19.5	73.0 13.00
847							
## 123	2011-05-03	NO	YES	2	22.0	22.0	66.5 23.00
603							
## 124	2011-05-04	NO	YES	2	11.0	11.0	74.5 22.00
255							
## 125	2011-05-05	NO	YES	1	15.5	15.5	39.0 17.00
614							
## 126	2011-05-06	NO	YES	1	14.0	14.0	62.0 11.00
894							
## 127	2011-05-07	NO	NO	1	18.0	18.0	49.0 11.00
1612							
## 128	2011-05-08	NO	NO	1	17.0	17.0	63.0 6.00
1401							
## 129	2011-05-09	NO	YES	1	17.5	17.5	56.0 13.00



664							
## 130	2011-05-10	NO	YES	1	17.5	17.5	52.0 8.00
694							
## 131	2011-05-11	NO	YES	1	17.5	17.5	61.5 9.00
550							
## 132	2011-05-12	NO	YES	1	18.0	18.0	78.0 13.00
695							
## 133	2011-05-13	NO	YES	2	17.0	17.0	88.0 11.00
692							
## 134	2011-05-14	NO	NO	2	17.0	17.0	94.0 9.00
902							
## 135	2011-05-15	NO	NO	2	18.5	18.5	85.5 9.00
1582							
## 136	2011-05-16	NO	YES	1	19.5	19.5	83.0 9.00
773							
## 137	2011-05-17	NO	YES	2	19.0	19.0	88.0 20.00
678							
## 138	2011-05-18	NO	YES	2	18.0	18.0	88.0 15.00
536							
## 139	2011-05-19	NO	YES	2	17.5	17.5	88.0 6.50
735							
## 140	2011-05-20	NO	YES	1	18.5	18.5	66.0 7.00
909							
## 141	2011-05-21	NO	NO	1	21.5	21.5	62.5 8.00
2258							
## 142	2011-05-22	NO	NO	1	22.0	22.0	71.0 9.00
1576							
## 143	2011-05-23	NO	YES	2	22.0	23.0	88.0 15.00
836							
## 144	2011-05-24	NO	YES	2	23.5	23.5	74.0 13.00
659							
## 145	2011-05-25	NO	YES	1	24.5	24.5	67.0 9.00
740							
## 146	2011-05-26	NO	YES	1	26.5	27.5	65.5 12.00
758							
## 147	2011-05-27	NO	YES	1	25.0	25.0	65.0 17.00
871							
## 148	2011-05-28	NO	NO	1	24.0	24.0	74.0 15.00
2001							
## 149	2011-05-29	NO	NO	1	24.0	25.0	83.0 15.00
2355							
## 150	2011-05-30	YES	YES	1	27.0	29.0	70.0 7.00
1549							
## 151	2011-05-31	NO	YES	1	30.0	33.0	60.5 8.00
673							
## 152	2011-06-01	NO	YES	2	28.0	31.0	74.0 13.00
513							
## 153	2011-06-02	NO	YES	1	27.0	26.0	29.5 20.00
736							
## 154	2011-06-03	NO	YES	1	22.0	21.0	34.5 19.00

898							
## 155 2011-06-04	NO	NO	1	23.0	23.0	46.5	7.00
1869							
## 156 2011-06-05	NO	NO	2	23.0	23.0	65.0	11.00
1685							
## 157 2011-06-06	NO	YES	1	24.5	24.5	59.5	9.00
673							
## 158 2011-06-07	NO	YES	1	27.0	28.5	59.5	12.00
763							
## 159 2011-06-08	NO	YES	1	31.0	34.0	62.0	9.00
676							
## 160 2011-06-09	NO	YES	2	30.0	32.5	50.0	10.00
563							
## 161 2011-06-10	NO	YES	1	29.0	30.5	60.5	9.00
815							
## 162 2011-06-11	NO	NO	1	26.5	28.0	62.0	10.00
1729							
## 163 2011-06-12	NO	NO	1	24.5	25.5	78.0	11.00
1467							
## 164 2011-06-13	NO	YES	1	23.0	22.5	45.5	20.00
863							
## 165 2011-06-14	NO	YES	1	21.0	21.0	50.0	18.00
727							
## 166 2011-06-15	NO	YES	1	22.5	22.5	48.5	11.00
769							
## 167 2011-06-16	NO	YES	2	22.0	22.0	68.0	13.00
545							
## 168 2011-06-17	NO	YES	1	22.5	23.0	83.0	9.00
863							
## 169 2011-06-18	NO	NO	1	27.0	28.0	62.0	8.00
1807							
## 170 2011-06-19	NO	NO	2	26.0	27.0	67.5	7.00
1639							
## 171 2011-06-20	NO	YES	2	23.0	23.0	78.0	11.00
699							
## 172 2011-06-21	NO	YES	2	25.0	26.0	78.0	11.00
774							
## 173 2011-06-22	NO	YES	1	27.5	30.5	76.0	12.00
661							
## 174 2011-06-23	NO	YES	2	27.0	29.0	70.0	15.00
746							
## 175 2011-06-24	NO	YES	1	26.5	27.0	48.0	15.00
969							
## 176 2011-06-25	NO	NO	1	26.0	26.0	48.0	13.00
1782							
## 177 2011-06-26	NO	NO	1	26.0	26.0	52.0	7.00
1920							
## 178 2011-06-27	NO	YES	2	26.0	27.0	65.0	9.00
854							
## 179 2011-06-28	NO	YES	1	28.0	29.5	68.0	11.00

732									
## 180	2011-06-29	NO	YES	1	27.0	27.0	42.0	18.00	
848									
## 181	2011-06-30	NO	YES	1	26.0	26.0	42.0	13.00	
1027									
## 182	2011-07-01	NO	YES	1	26.0	26.0	42.0	9.00	
1246									
## 183	2011-07-02	NO	NO	1	28.0	28.5	47.5	7.00	
2204									
## 184	2011-07-03	NO	NO	2	25.5	26.5	70.0	12.00	
2282									
## 185	2011-07-04	YES	YES	2	28.0	30.0	62.0	6.00	
3065									
## 186	2011-07-05	NO	YES	1	29.0	30.0	62.0	7.00	
1031									
## 187	2011-07-06	NO	YES	1	27.0	29.0	74.0	11.00	
784									
## 188	2011-07-07	NO	YES	1	28.0	30.5	62.0	11.00	
754									
## 189	2011-07-08	NO	YES	2	26.0	27.0	78.5	15.00	
692									
## 190	2011-07-09	NO	NO	1	28.0	29.0	58.0	11.00	
1988									
## 191	2011-07-10	NO	NO	1	28.0	30.0	61.0	13.00	
1743									
## 192	2011-07-11	NO	YES	1	27.5	29.5	61.0	19.00	
723									
## 193	2011-07-12	NO	YES	1	31.0	32.0	52.0	13.00	
662									
## 194	2011-07-13	NO	YES	1	28.0	29.0	58.0	11.00	
748									
## 195	2011-07-14	NO	YES	1	24.5	24.5	48.5	17.00	
888									
## 196	2011-07-15	NO	YES	1	24.0	24.0	55.5	13.00	
1318									
## 197	2011-07-16	NO	NO	1	26.0	27.0	56.0	15.00	
2418									
## 198	2011-07-17	NO	NO	1	27.5	29.0	60.0	15.00	
2006									
## 199	2011-07-18	NO	YES	1	28.5	30.5	66.0	15.00	
841									
## 200	2011-07-19	NO	YES	1	29.0	33.0	66.0	9.00	
752									
## 201	2011-07-20	NO	YES	1	29.0	34.0	70.0	7.00	
644									
## 202	2011-07-21	NO	YES	2	32.0	41.0	71.0	15.00	
632									
## 203	2011-07-22	NO	YES	1	33.0	38.0	57.5	7.00	
562									
## 204	2011-07-23	NO	NO	1	32.0	36.0	52.0	9.00	

987							
## 205 2011-07-24	NO	NO	1	32.0	36.0	55.0	10.00
1050							
## 206 2011-07-25	NO	YES	1	28.0	31.0	79.0	6.00
568							
## 207 2011-07-26	NO	YES	1	29.5	30.5	47.5	15.00
750							
## 208 2011-07-27	NO	YES	1	29.5	29.5	43.5	14.00
755							
## 209 2011-07-28	NO	YES	1	30.0	34.0	56.0	13.00
606							
## 210 2011-07-29	NO	YES	1	33.0	35.5	46.5	13.00
670							
## 211 2011-07-30	NO	NO	1	30.5	32.0	47.5	11.00
1559							
## 212 2011-07-31	NO	NO	1	30.0	32.0	55.0	11.00
1524							
## 213 2011-08-01	NO	YES	1	28.0	29.0	56.5	12.00
729							
## 214 2011-08-02	NO	YES	1	31.0	32.0	47.5	15.00
801							
## 215 2011-08-03	NO	YES	2	28.0	29.0	58.0	9.00
467							
## 216 2011-08-04	NO	YES	2	26.0	27.0	74.0	14.00
799							
## 217 2011-08-05	NO	YES	1	26.0	27.0	65.0	15.00
1023							
## 218 2011-08-06	NO	NO	2	27.0	30.0	78.0	15.00
1521							
## 219 2011-08-07	NO	NO	1	27.0	29.0	84.0	13.00
1298							
## 220 2011-08-08	NO	YES	1	29.0	31.0	56.5	10.00
846							
## 221 2011-08-09	NO	YES	1	30.0	30.5	57.0	11.00
907							
## 222 2011-08-10	NO	YES	1	29.0	29.0	39.0	14.00
884							
## 223 2011-08-11	NO	YES	1	26.5	26.5	42.0	11.00
812							
## 224 2011-08-12	NO	YES	1	26.5	26.5	42.0	9.00
1051							
## 225 2011-08-13	NO	NO	2	25.0	26.0	74.0	13.00
1504							
## 226 2011-08-14	NO	NO	2	24.0	25.0	83.5	14.00
1338							
## 227 2011-08-15	NO	YES	1	24.0	24.0	69.0	15.00
775							
## 228 2011-08-16	NO	YES	1	26.0	27.0	58.0	16.00
721							
## 229 2011-08-17	NO	YES	1	27.5	28.0	56.5	11.00

668							
## 230	2011-08-18	NO	YES	1	25.0	25.5	67.5 17.00
639							
## 231	2011-08-19	NO	YES	2	23.5	24.5	80.5 6.00
797							
## 232	2011-08-20	NO	NO	1	26.5	27.5	67.0 9.00
1914							
## 233	2011-08-21	NO	NO	1	26.0	28.0	79.0 17.00
1249							
## 234	2011-08-22	NO	YES	1	25.5	26.0	39.5 20.00
833							
## 235	2011-08-23	NO	YES	1	22.5	22.5	49.5 12.00
1281							
## 236	2011-08-24	NO	YES	1	26.0	27.0	59.0 20.00
949							
## 237	2011-08-25	NO	YES	2	25.0	25.0	78.0 20.00
435							
## 238	2011-08-26	NO	YES	1	27.0	30.0	79.0 7.00
768							
## 239	2011-08-27	NO	NO	2	24.0	25.0	84.0 29.50
226							
## 240	2011-08-28	NO	NO	1	24.0	24.0	65.0 26.00
1415							
## 241	2011-08-29	NO	YES	1	22.5	22.5	53.0 11.00
729							
## 242	2011-08-30	NO	YES	1	23.5	23.5	53.5 9.00
775							
## 243	2011-08-31	NO	YES	1	24.0	24.0	61.0 6.00
688							
## 244	2011-09-01	NO	YES	1	24.0	24.0	59.5 9.00
783							
## 245	2011-09-02	NO	YES	2	23.0	23.0	74.0 9.00
875							
## 246	2011-09-03	NO	NO	1	24.0	24.5	70.0 11.00
1935							
## 247	2011-09-04	NO	NO	1	27.0	29.0	74.0 13.00
2521							
## 248	2011-09-05	YES	YES	2	24.5	25.0	76.0 11.00
1236							
## 249	2011-09-06	NO	YES	3	18.0	18.0	88.0 24.00
204							
## 250	2011-09-07	NO	YES	3	21.0	21.0	94.0 7.00
118							
## 251	2011-09-08	NO	YES	3	22.0	23.0	94.0 11.00
153							
## 252	2011-09-09	NO	YES	2	22.0	23.0	94.0 9.00
417							
## 253	2011-09-10	NO	NO	1	23.0	23.0	78.0 9.00
1750							
## 254	2011-09-11	NO	NO	1	23.0	23.0	73.0 7.00

1633							
## 255 2011-09-12	NO	YES	1	23.0	23.0	71.5	6.00
690							
## 256 2011-09-13	NO	YES	1	23.0	23.0	76.0	9.00
701							
## 257 2011-09-14	NO	YES	1	24.0	24.0	69.5	10.00
647							
## 258 2011-09-15	NO	YES	2	21.5	21.5	69.0	18.00
428							
## 259 2011-09-16	NO	YES	2	16.0	16.0	57.0	12.00
742							
## 260 2011-09-17	NO	NO	2	16.0	16.0	72.0	13.00
1434							
## 261 2011-09-18	NO	NO	1	17.5	17.5	68.0	13.00
1353							
## 262 2011-09-19	NO	YES	2	19.0	19.0	68.0	11.00
691							
## 263 2011-09-20	NO	YES	2	19.0	19.0	88.0	11.00
438							
## 264 2011-09-21	NO	YES	2	21.5	21.5	94.0	6.50
539							
## 265 2011-09-22	NO	YES	2	22.0	23.0	94.0	7.00
555							
## 266 2011-09-23	NO	YES	2	22.0	23.0	94.0	6.00
258							
## 267 2011-09-24	NO	NO	2	22.0	22.0	88.0	6.00
1776							
## 268 2011-09-25	NO	NO	2	22.5	23.0	85.5	3.00
1544							
## 269 2011-09-26	NO	YES	2	23.0	24.0	88.0	9.00
684							
## 270 2011-09-27	NO	YES	2	22.5	23.5	89.0	7.00
477							
## 271 2011-09-28	NO	YES	2	21.0	21.0	88.0	8.00
480							
## 272 2011-09-29	NO	YES	1	21.0	21.0	66.5	13.00
653							
## 273 2011-09-30	NO	YES	1	18.0	18.0	57.0	13.00
830							
## 274 2011-10-01	NO	NO	2	11.0	11.0	77.0	22.00
480							
## 275 2011-10-02	NO	NO	2	9.0	6.0	82.0	15.00
616							
## 276 2011-10-03	NO	YES	2	11.0	11.0	77.0	7.00
330							
## 277 2011-10-04	NO	YES	1	15.5	15.5	70.0	15.00
486							
## 278 2011-10-05	NO	YES	1	17.0	17.0	68.5	11.00
559							
## 279 2011-10-06	NO	YES	1	15.5	15.5	63.0	9.00

639							
## 280	2011-10-07	NO	YES	1	16.0	16.0	68.0 0.00
949							
## 281	2011-10-08	NO	NO	1	16.5	16.5	77.0 0.00
2235							
## 282	2011-10-09	NO	NO	1	17.5	17.5	80.0 6.00
2397							
## 283	2011-10-10	YES	YES	1	19.0	19.0	80.5 0.00
1514							
## 284	2011-10-11	NO	YES	2	20.0	20.0	83.0 10.00
667							
## 285	2011-10-12	NO	YES	3	18.0	18.0	91.0 17.00
217							
## 286	2011-10-13	NO	YES	2	20.0	20.0	88.0 9.00
290							
## 287	2011-10-14	NO	YES	2	19.0	19.0	88.0 13.00
529							
## 288	2011-10-15	NO	NO	1	16.0	16.0	47.0 14.00
1899							
## 289	2011-10-16	NO	NO	1	18.0	18.0	49.0 18.00
1748							
## 290	2011-10-17	NO	YES	1	18.0	18.0	55.5 11.00
713							
## 291	2011-10-18	NO	YES	2	17.5	17.5	72.5 7.00
637							
## 292	2011-10-19	NO	YES	3	17.5	17.5	94.0 13.00
254							
## 293	2011-10-20	NO	YES	1	15.0	15.0	58.0 28.00
471							
## 294	2011-10-21	NO	YES	1	12.0	12.0	56.5 15.00
676							
## 295	2011-10-22	NO	NO	1	11.5	11.5	63.0 6.00
1499							
## 296	2011-10-23	NO	NO	1	12.0	12.0	77.0 7.00
1619							
## 297	2011-10-24	NO	YES	1	14.0	14.0	82.0 7.00
699							
## 298	2011-10-25	NO	YES	1	14.0	14.0	67.5 9.00
695							
## 299	2011-10-26	NO	YES	2	15.5	15.5	72.0 11.00
404							
## 300	2011-10-27	NO	YES	2	15.0	15.0	85.5 10.00
240							
## 301	2011-10-28	NO	YES	2	7.5	5.0	61.0 16.00
456							
## 302	2011-10-29	NO	NO	3	4.0	1.5	87.0 24.00
57							
## 303	2011-10-30	NO	NO	1	6.5	6.0	66.0 14.00
885							
## 304	2011-10-31	NO	YES	1	8.0	6.0	76.0 8.00

362							
## 305	2011-11-01	NO	YES	1	10.0	10.0	71.5
410							10.00
## 306	2011-11-02	NO	YES	1	9.5	8.5	74.0
370							6.50
## 307	2011-11-03	NO	YES	1	11.0	11.0	76.0
318							9.00
## 308	2011-11-04	NO	YES	2	11.0	11.0	61.0
470							22.00
## 309	2011-11-05	NO	NO	1	7.0	5.0	53.0
1156							15.00
## 310	2011-11-06	NO	NO	1	9.0	8.0	78.5
952							6.00
## 311	2011-11-07	NO	YES	1	9.0	8.0	84.5
373							6.00
## 312	2011-11-08	NO	YES	1	10.0	10.0	79.5
376							6.00
## 313	2011-11-09	NO	YES	1	11.0	11.0	87.0
305							0.00
## 314	2011-11-10	NO	YES	2	9.0	7.0	82.0
190							15.00
## 315	2011-11-11	YES	YES	1	7.0	4.0	43.0
440							20.50
## 316	2011-11-12	NO	NO	1	11.0	11.0	58.0
1275							15.00
## 317	2011-11-13	NO	NO	1	14.0	14.0	44.0
1004							20.00
## 318	2011-11-14	NO	YES	1	19.0	19.0	61.5
595							20.00
## 319	2011-11-15	NO	YES	2	18.0	18.0	68.0
449							12.00
## 320	2011-11-16	NO	YES	3	14.0	14.0	94.0
145							9.00
## 321	2011-11-17	NO	YES	2	8.0	4.0	52.0
139							20.00
## 322	2011-11-18	NO	YES	1	4.0	2.0	43.0
245							11.00
## 323	2011-11-19	NO	NO	1	9.0	7.5	52.5
943							17.00
## 324	2011-11-20	NO	NO	2	14.0	14.0	67.0
787							13.00
## 325	2011-11-21	NO	YES	3	13.0	13.0	94.0
220							10.00
## 326	2011-11-22	NO	YES	3	11.5	11.5	94.0
69							7.00
## 327	2011-11-23	NO	YES	2	13.0	13.0	66.5
112							26.00
## 328	2011-11-24	YES	YES	1	9.0	7.0	61.0
560							10.00
## 329	2011-11-25	NO	YES	1	8.5	7.5	71.0
							7.00



1095								
## 330	2011-11-26	NO	NO	1	9.5	9.5	76.0	6.00
1249								
## 331	2011-11-27	NO	NO	1	15.0	15.0	72.0	17.00
810								
## 332	2011-11-28	NO	YES	1	17.0	17.0	77.5	9.00
253								
## 333	2011-11-29	NO	YES	2	12.0	12.0	83.0	20.00
96								
## 334	2011-11-30	NO	YES	1	7.0	4.0	57.0	19.00
188								
## 335	2011-12-01	NO	YES	1	6.0	4.0	56.0	15.00
182								
## 336	2011-12-02	NO	YES	1	7.0	5.0	58.0	6.00
268								
## 337	2011-12-03	NO	NO	1	6.0	4.5	63.5	6.00
706								
## 338	2011-12-04	NO	NO	1	8.0	7.0	81.0	7.00
634								
## 339	2011-12-05	NO	YES	2	12.0	12.0	87.0	6.00
233								
## 340	2011-12-06	NO	YES	3	14.0	14.0	100.0	15.00
126								
## 341	2011-12-07	NO	YES	3	13.0	13.0	100.0	16.00
50								
## 342	2011-12-08	NO	YES	1	4.0	2.0	56.0	15.00
150								
## 343	2011-12-09	NO	YES	1	5.5	4.5	73.0	6.00
261								
## 344	2011-12-10	NO	NO	1	4.0	2.0	49.5	15.00
502								
## 345	2011-12-11	NO	NO	1	2.0	3.0	56.0	0.00
377								
## 346	2011-12-12	NO	YES	1	3.5	4.0	70.0	6.00
143								
## 347	2011-12-13	NO	YES	1	6.0	4.0	53.0	11.00
155								
## 348	2011-12-14	NO	YES	2	7.0	6.0	66.0	6.00
178								
## 349	2011-12-15	NO	YES	2	14.0	14.0	63.5	19.00
181								
## 350	2011-12-16	NO	YES	2	8.0	5.0	46.0	18.00
178								
## 351	2011-12-17	NO	NO	2	4.0	1.0	56.0	16.00
275								
## 352	2011-12-18	NO	NO	1	2.0	1.5	60.0	11.00
220								
## 353	2011-12-19	NO	YES	1	7.0	5.0	59.5	11.00
260								
## 354	2011-12-20	NO	YES	2	9.5	9.0	60.5	0.00

216							
## 355	2011-12-21	NO	YES	2	13.0	13.0	88.0
107							17.00
## 356	2011-12-22	NO	YES	2	13.0	13.0	82.0
227							0.00
## 357	2011-12-23	NO	YES	1	10.0	8.0	66.0
163							17.00
## 358	2011-12-24	NO	NO	1	6.0	4.0	54.5
155							11.00
## 359	2011-12-25	NO	NO	1	4.5	2.0	70.5
303							10.00
## 360	2011-12-26	YES	YES	1	8.0	5.0	46.0
430							16.00
## 361	2011-12-27	NO	YES	2	7.0	5.5	81.5
103							9.00
## 362	2011-12-28	NO	YES	1	7.0	3.0	46.0
255							17.00
## 363	2011-12-29	NO	YES	1	4.5	3.0	58.5
254							8.00
## 364	2011-12-30	NO	YES	1	8.0	5.0	66.0
491							7.00
## 365	2011-12-31	NO	NO	1	11.0	11.0	62.0
665							13.00
## 366	2012-01-01	NO	NO	1	11.0	11.0	65.0
686							17.00
## 367	2012-01-02	YES	YES	1	4.0	2.0	36.5
244							21.00
## 368	2012-01-03	NO	YES	1	2.0	8.0	42.5
89							24.00
## 369	2012-01-04	NO	YES	2	2.0	7.0	42.5
95							13.00
## 370	2012-01-05	NO	YES	1	3.5	2.0	56.0
140							6.00
## 371	2012-01-06	NO	YES	1	9.0	7.0	50.0
307							12.00
## 372	2012-01-07	NO	NO	1	10.5	9.5	45.0
1070							13.00
## 373	2012-01-08	NO	NO	1	7.0	5.5	49.0
599							14.00
## 374	2012-01-09	NO	YES	2	2.0	1.0	70.0
106							7.00
## 375	2012-01-10	NO	YES	1	4.0	4.0	81.0
173							11.00
## 376	2012-01-11	NO	YES	2	7.0	5.0	87.0
92							9.00
## 377	2012-01-12	NO	YES	2	10.0	7.5	77.0
269							13.00
## 378	2012-01-13	NO	YES	1	4.0	2.0	46.0
174							24.00
## 379	2012-01-14	NO	NO	1	2.0	5.0	47.0
							15.00

333								
## 380 2012-01-15	NO	NO	1	1.0	5.0	43.0	16.00	
284								
## 381 2012-01-16	YES	YES	1	4.0	2.0	54.0	19.50	
217								
## 382 2012-01-17	NO	YES	2	11.5	10.0	74.0	22.00	
127								
## 383 2012-01-18	NO	YES	1	6.0	2.5	42.0	27.00	
109								
## 384 2012-01-19	NO	YES	1	3.0	2.0	48.0	17.00	
130								
## 385 2012-01-20	NO	YES	2	2.0	2.0	38.0	14.00	
115								
## 386 2012-01-21	NO	NO	2	1.0	5.0	81.0	17.00	
67								
## 387 2012-01-22	NO	NO	2	1.0	5.0	80.0	13.00	
196								
## 388 2012-01-23	NO	YES	2	2.0	1.0	93.0	9.00	
145								
## 389 2012-01-24	NO	YES	1	7.0	6.0	87.0	8.00	
439								
## 390 2012-01-25	NO	YES	1	5.5	5.0	66.0	11.00	
467								
## 391 2012-01-26	NO	YES	2	10.0	9.5	79.0	7.00	
244								
## 392 2012-01-27	NO	YES	2	12.0	12.0	57.0	22.00	
269								
## 393 2012-01-28	NO	NO	1	6.0	4.0	53.5	14.00	
775								
## 394 2012-01-29	NO	NO	1	6.0	3.0	28.5	16.00	
558								
## 395 2012-01-30	NO	YES	1	4.5	3.0	43.0	13.00	
126								
## 396 2012-01-31	NO	YES	1	12.0	12.0	39.5	18.00	
324								
## 397 2012-02-01	NO	YES	1	14.0	14.0	52.0	11.00	
304								
## 398 2012-02-02	NO	YES	2	11.0	11.0	67.0	10.00	
190								
## 399 2012-02-03	NO	YES	1	6.5	3.5	53.0	12.00	
310								
## 400 2012-02-04	NO	NO	2	3.0	2.0	81.0	9.00	
384								
## 401 2012-02-05	NO	NO	2	4.0	1.0	65.0	11.00	
318								
## 402 2012-02-06	NO	YES	1	6.0	4.0	66.0	9.00	
206								
## 403 2012-02-07	NO	YES	1	7.5	6.5	47.5	12.00	
199								
## 404 2012-02-08	NO	YES	2	3.0	1.0	70.0	9.00	

109								
## 405	2012-02-09	NO	YES	1	5.0	4.0	53.0	15.00
163								
## 406	2012-02-10	NO	YES	2	6.0	4.0	56.0	9.00
227								
## 407	2012-02-11	NO	NO	3	2.0	1.0	81.0	17.00
192								
## 408	2012-02-12	NO	NO	1	2.0	8.0	43.0	26.00
73								
## 409	2012-02-13	NO	YES	1	4.0	5.5	46.0	9.00
94								
## 410	2012-02-14	NO	YES	2	7.5	6.5	50.0	7.00
135								
## 411	2012-02-15	NO	YES	1	8.0	6.0	54.0	11.00
141								
## 412	2012-02-16	NO	YES	2	7.0	6.0	76.0	6.00
74								
## 413	2012-02-17	NO	YES	1	9.0	6.5	45.5	13.00
349								
## 414	2012-02-18	NO	NO	1	8.5	5.5	44.0	15.00
1435								
## 415	2012-02-19	NO	NO	2	4.5	2.0	52.0	17.00
618								
## 416	2012-02-20	YES	YES	1	4.0	4.0	48.0	15.00
502								
## 417	2012-02-21	NO	YES	1	7.0	3.5	65.0	14.00
163								
## 418	2012-02-22	NO	YES	1	12.5	12.5	57.0	18.00
394								
## 419	2012-02-23	NO	YES	1	13.0	13.0	55.0	13.00
516								
## 420	2012-02-24	NO	YES	2	11.0	11.0	79.5	12.00
246								
## 421	2012-02-25	NO	NO	1	6.0	2.0	40.0	28.00
317								
## 422	2012-02-26	NO	NO	1	4.5	3.0	42.0	15.00
515								
## 423	2012-02-27	NO	YES	1	11.0	11.0	45.0	17.00
253								
## 424	2012-02-28	NO	YES	1	8.5	7.0	39.5	9.00
229								
## 425	2012-02-29	NO	YES	2	9.0	6.0	87.0	9.00
65								
## 426	2012-03-01	NO	YES	1	14.0	14.0	50.0	15.00
325								
## 427	2012-03-02	NO	YES	2	9.0	7.0	71.0	11.00
246								
## 428	2012-03-03	NO	NO	2	11.0	11.0	51.0	11.00
956								
## 429	2012-03-04	NO	NO	1	7.0	2.5	42.5	21.00

710								
## 430	2012-03-05	NO	YES	1	3.0	1.5	54.5	14.00
203								
## 431	2012-03-06	NO	YES	1	5.0	4.0	48.5	15.00
221								
## 432	2012-03-07	NO	YES	1	13.0	13.0	57.0	22.00
432								
## 433	2012-03-08	NO	YES	1	19.0	19.0	51.0	30.00
486								
## 434	2012-03-09	NO	YES	2	10.0	7.0	34.0	26.00
447								
## 435	2012-03-10	NO	NO	1	4.0	3.0	41.0	17.00
968								
## 436	2012-03-11	NO	NO	1	10.5	10.0	50.0	15.00
1658								
## 437	2012-03-12	NO	YES	1	16.5	16.5	50.0	14.00
838								
## 438	2012-03-13	NO	YES	1	18.5	18.5	60.0	15.00
762								
## 439	2012-03-14	NO	YES	1	19.0	19.0	46.0	7.00
997								
## 440	2012-03-15	NO	YES	1	17.0	17.0	61.5	8.00
1005								
## 441	2012-03-16	NO	YES	2	13.0	13.0	88.0	6.00
548								
## 442	2012-03-17	NO	NO	2	17.0	17.0	77.0	7.00
3155								
## 443	2012-03-18	NO	NO	2	14.0	14.0	82.0	9.00
2207								
## 444	2012-03-19	NO	YES	1	19.0	19.0	72.5	11.00
982								
## 445	2012-03-20	NO	YES	1	18.0	18.0	83.0	9.00
1051								
## 446	2012-03-21	NO	YES	2	17.0	17.0	83.0	6.00
1122								
## 447	2012-03-22	NO	YES	1	19.5	19.5	80.5	6.50
1334								
## 448	2012-03-23	NO	YES	2	21.0	21.0	69.0	7.00
2469								
## 449	2012-03-24	NO	NO	2	16.0	16.0	94.0	13.00
1033								
## 450	2012-03-25	NO	NO	2	12.0	12.0	88.0	16.00
1532								
## 451	2012-03-26	NO	YES	1	13.5	13.5	32.5	30.00
795								
## 452	2012-03-27	NO	YES	1	7.0	5.0	31.0	13.00
531								
## 453	2012-03-28	NO	YES	1	18.0	18.0	46.0	20.00
674								
## 454	2012-03-29	NO	YES	1	15.5	15.5	44.0	20.00

834							
## 455 2012-03-30	NO	YES	2	9.5	8.5	57.5	10.00
796							
## 456 2012-03-31	NO	NO	2	11.0	11.0	76.0	17.00
2301							
## 457 2012-04-01	NO	NO	2	12.5	12.5	71.5	11.00
2347							
## 458 2012-04-02	NO	YES	1	13.0	13.0	44.0	20.00
1208							
## 459 2012-04-03	NO	YES	1	15.5	15.5	42.0	6.00
1348							
## 460 2012-04-04	NO	YES	1	19.0	19.0	46.0	13.00
1058							
## 461 2012-04-05	NO	YES	1	12.0	12.0	38.0	13.00
1192							
## 462 2012-04-06	NO	YES	1	11.5	11.5	35.0	21.00
1807							
## 463 2012-04-07	NO	NO	1	13.5	13.5	23.5	17.00
3252							
## 464 2012-04-08	NO	NO	1	16.0	16.0	25.5	15.00
2230							
## 465 2012-04-09	NO	YES	1	14.5	14.5	31.0	24.00
905							
## 466 2012-04-10	NO	YES	1	12.5	12.5	37.5	14.00
819							
## 467 2012-04-11	NO	YES	1	8.0	5.0	49.0	20.00
482							
## 468 2012-04-12	NO	YES	1	12.0	12.0	39.5	19.00
663							
## 469 2012-04-13	NO	YES	1	13.0	13.0	39.5	11.00
1252							
## 470 2012-04-14	NO	NO	1	18.0	18.0	52.0	11.00
2795							
## 471 2012-04-15	NO	NO	1	22.5	22.5	51.0	17.00
2846							
## 472 2012-04-16	YES	YES	1	24.5	24.5	55.5	17.00
1198							
## 473 2012-04-17	NO	YES	1	21.0	21.0	32.5	17.00
989							
## 474 2012-04-18	NO	YES	2	14.0	14.0	55.0	13.00
347							
## 475 2012-04-19	NO	YES	1	16.5	16.5	61.0	6.00
846							
## 476 2012-04-20	NO	YES	1	17.5	17.5	70.5	13.00
1340							
## 477 2012-04-21	NO	NO	1	17.0	17.0	77.5	18.00
2541							
## 478 2012-04-22	NO	NO	3	10.0	7.0	82.0	23.00
120							
## 479 2012-04-23	NO	YES	2	7.0	4.0	76.0	22.00

195							
## 480	2012-04-24	NO	YES	1	13.0	13.0	37.0 16.00
518							
## 481	2012-04-25	NO	YES	1	16.5	16.5	46.5 6.00
655							
## 482	2012-04-26	NO	YES	2	16.0	16.0	80.0 12.00
475							
## 483	2012-04-27	NO	YES	1	13.0	13.0	38.0 23.00
1014							
## 484	2012-04-28	NO	NO	2	10.0	8.5	46.5 9.00
1120							
## 485	2012-04-29	NO	NO	1	14.5	14.5	55.0 9.00
2229							
## 486	2012-04-30	NO	YES	2	13.0	13.0	56.0 11.00
665							
## 487	2012-05-01	NO	YES	2	22.5	22.5	65.0 9.00
653							
## 488	2012-05-02	NO	YES	1	19.0	19.0	83.0 12.00
667							
## 489	2012-05-03	NO	YES	2	20.0	20.0	78.0 9.00
764							
## 490	2012-05-04	NO	YES	1	21.5	21.5	78.0 8.00
1069							
## 491	2012-05-05	NO	NO	2	21.0	21.0	78.0 9.00
2496							
## 492	2012-05-06	NO	NO	2	18.5	18.5	75.0 11.00
2135							
## 493	2012-05-07	NO	YES	2	18.0	18.0	62.0 15.00
1008							
## 494	2012-05-08	NO	YES	2	21.0	21.0	69.0 19.00
738							
## 495	2012-05-09	NO	YES	2	19.0	19.0	80.0 13.00
620							
## 496	2012-05-10	NO	YES	1	16.0	16.0	49.0 23.00
1026							
## 497	2012-05-11	NO	YES	1	18.5	18.5	36.0 17.00
1319							
## 498	2012-05-12	NO	NO	1	19.5	19.5	49.0 9.00
2622							
## 499	2012-05-13	NO	NO	1	22.0	22.0	57.0 14.00
2172							
## 500	2012-05-14	NO	YES	2	20.0	20.0	83.0 15.00
342							
## 501	2012-05-15	NO	YES	2	21.5	21.5	78.0 9.00
625							
## 502	2012-05-16	NO	YES	1	23.0	23.0	74.0 9.00
991							
## 503	2012-05-17	NO	YES	1	21.0	21.0	49.0 13.00
1242							
## 504	2012-05-18	NO	YES	1	20.0	20.0	47.5 9.00

1521							
## 505 2012-05-19 3410	NO	NO	1	21.5	21.0	45.0	6.00
## 506 2012-05-20 2704	NO	NO	1	23.0	23.0	52.0	22.00
## 507 2012-05-21 630	NO	YES	2	21.0	21.0	83.0	17.00
## 508 2012-05-22 819	NO	YES	2	22.0	22.0	78.0	7.00
## 509 2012-05-23 766	NO	YES	2	22.0	22.0	83.0	7.00
## 510 2012-05-24 1059	NO	YES	1	23.0	23.0	73.0	11.00
## 511 2012-05-25 1417	NO	YES	1	24.5	25.5	78.5	9.00
## 512 2012-05-26 2855	NO	NO	1	26.0	27.0	74.0	13.00
## 513 2012-05-27 3283	NO	NO	1	24.0	24.5	74.0	15.00
## 514 2012-05-28 2557	YES	YES	1	27.0	29.0	66.0	11.00
## 515 2012-05-29 880	NO	YES	1	26.0	28.0	70.0	20.00
## 516 2012-05-30 745	NO	YES	2	23.0	24.0	69.0	9.00
## 517 2012-05-31 1100	NO	YES	1	24.0	24.0	47.0	13.00
## 518 2012-06-01 533	NO	YES	2	23.0	23.0	78.0	15.00
## 519 2012-06-02 2795	NO	NO	1	20.0	20.0	49.0	13.00
## 520 2012-06-03 2494	NO	NO	1	22.0	21.0	45.0	12.00
## 521 2012-06-04 1071	NO	YES	1	21.0	21.0	46.5	20.00
## 522 2012-06-05 968	NO	YES	2	18.0	18.0	56.0	13.00
## 523 2012-06-06 1027	NO	YES	1	18.0	18.0	68.0	6.00
## 524 2012-06-07 1038	NO	YES	1	21.0	21.0	49.5	11.00
## 525 2012-06-08 1488	NO	YES	1	24.5	24.5	44.5	11.00
## 526 2012-06-09 2708	NO	NO	1	26.0	26.5	50.5	11.00
## 527 2012-06-10 2224	NO	NO	1	27.0	28.0	58.0	8.00
## 528 2012-06-11 1017	NO	YES	2	27.0	28.0	58.0	13.00
## 529 2012-06-12	NO	YES	2	24.0	25.0	88.0	13.00



477							
## 530 2012-06-13	NO	YES	1	23.0	23.0	51.5	26.00
1173							
## 531 2012-06-14	NO	YES	1	23.0	23.0	57.0	17.00
1180							
## 532 2012-06-15	NO	YES	1	23.0	23.0	53.0	11.00
1563							
## 533 2012-06-16	NO	NO	1	22.5	22.5	51.5	12.00
2963							
## 534 2012-06-17	NO	NO	1	20.5	20.5	58.5	11.00
2634							
## 535 2012-06-18	NO	YES	2	19.5	19.5	78.0	12.00
653							
## 536 2012-06-19	NO	YES	1	26.0	27.5	74.0	9.00
968							
## 537 2012-06-20	NO	YES	1	32.0	33.0	52.0	7.00
872							
## 538 2012-06-21	NO	YES	1	31.5	35.0	53.5	8.00
778							
## 539 2012-06-22	NO	YES	1	29.0	32.0	58.0	11.00
964							
## 540 2012-06-23	NO	NO	1	28.0	28.0	45.5	13.00
2657							
## 541 2012-06-24	NO	NO	1	29.0	29.0	51.0	9.00
2551							
## 542 2012-06-25	NO	YES	1	26.0	27.0	45.0	20.00
1139							
## 543 2012-06-26	NO	YES	1	22.5	21.5	35.5	24.00
1077							
## 544 2012-06-27	NO	YES	1	26.5	26.5	38.0	19.50
1077							
## 545 2012-06-28	NO	YES	1	28.0	28.0	48.0	11.00
921							
## 546 2012-06-29	NO	YES	1	33.0	38.5	52.0	13.00
829							
## 547 2012-06-30	NO	NO	1	30.0	33.0	62.0	10.00
1455							
## 548 2012-07-01	NO	NO	1	32.0	33.0	44.0	9.00
1421							
## 549 2012-07-02	NO	YES	1	29.0	30.0	51.0	13.00
904							
## 550 2012-07-03	NO	YES	1	28.5	30.0	54.5	9.00
1052							
## 551 2012-07-04	YES	YES	1	31.5	32.5	51.5	9.00
2562							
## 552 2012-07-05	NO	YES	1	33.0	36.0	47.5	14.00
1405							
## 553 2012-07-06	NO	YES	1	32.0	33.5	39.5	9.00
1366							
## 554 2012-07-07	NO	NO	1	34.0	38.5	46.5	11.00

1448							
## 555 2012-07-08	NO	NO	1	31.0	36.0	59.0	7.00
1203							
## 556 2012-07-09	NO	YES	2	26.0	28.0	65.0	11.00
998							
## 557 2012-07-10	NO	YES	2	26.0	27.0	74.0	9.00
954							
## 558 2012-07-11	NO	YES	1	27.0	28.0	58.0	10.00
975							
## 559 2012-07-12	NO	YES	1	27.0	27.0	51.0	9.00
1032							
## 560 2012-07-13	NO	YES	2	28.0	28.0	48.0	7.00
1511							
## 561 2012-07-14	NO	NO	2	26.0	28.0	74.0	7.00
2355							
## 562 2012-07-15	NO	NO	1	27.0	30.0	79.0	9.00
1920							
## 563 2012-07-16	NO	YES	1	29.0	31.5	64.0	8.00
1088							
## 564 2012-07-17	NO	YES	1	32.0	34.0	50.5	8.00
921							
## 565 2012-07-18	NO	YES	1	29.0	31.0	62.0	9.00
799							
## 566 2012-07-19	NO	YES	1	29.0	31.0	58.0	9.00
888							
## 567 2012-07-20	NO	YES	2	24.0	25.0	83.5	11.00
747							
## 568 2012-07-21	NO	NO	3	21.0	21.0	88.0	17.00
1264							
## 569 2012-07-22	NO	NO	2	24.0	24.0	74.0	7.00
2544							
## 570 2012-07-23	NO	YES	1	28.5	31.0	62.0	9.00
1135							
## 571 2012-07-24	NO	YES	1	28.0	30.5	64.0	14.00
1140							
## 572 2012-07-25	NO	YES	1	27.0	27.0	41.0	11.00
1383							
## 573 2012-07-26	NO	YES	1	27.5	30.0	65.5	17.00
1036							
## 574 2012-07-27	NO	YES	1	30.0	33.0	59.0	10.00
1259							
## 575 2012-07-28	NO	NO	1	28.0	30.0	66.0	11.00
2234							
## 576 2012-07-29	NO	NO	1	27.0	28.5	65.5	11.00
2153							
## 577 2012-07-30	NO	YES	1	27.0	29.0	70.0	11.00
1040							
## 578 2012-07-31	NO	YES	1	26.0	27.5	72.0	11.00
968							
## 579 2012-08-01	NO	YES	1	27.0	29.0	70.0	9.00

1074									
## 580	2012-08-02	NO	YES	1	29.0	32.0	66.0	8.00	
983									
## 581	2012-08-03	NO	YES	2	29.0	32.5	66.0	15.00	
1328									
## 582	2012-08-04	NO	NO	1	30.5	34.5	62.5	17.00	
2345									
## 583	2012-08-05	NO	NO	1	28.0	31.0	70.0	17.00	
1707									
## 584	2012-08-06	NO	YES	2	28.0	31.0	70.0	9.00	
1233									
## 585	2012-08-07	NO	YES	2	27.0	30.0	70.0	9.00	
1278									
## 586	2012-08-08	NO	YES	2	28.0	30.5	66.0	8.00	
1263									
## 587	2012-08-09	NO	YES	1	27.0	29.0	58.0	11.00	
1196									
## 588	2012-08-10	NO	YES	2	27.0	29.0	70.0	19.00	
1065									
## 589	2012-08-11	NO	NO	2	24.0	25.0	78.0	13.00	
2247									
## 590	2012-08-12	NO	NO	1	26.0	26.0	51.0	9.00	
2182									
## 591	2012-08-13	NO	YES	1	27.5	28.5	60.0	7.00	
1207									
## 592	2012-08-14	NO	YES	1	27.0	29.0	70.0	13.00	
1128									
## 593	2012-08-15	NO	YES	1	26.0	27.0	61.0	13.00	
1198									
## 594	2012-08-16	NO	YES	1	27.5	28.0	49.5	11.00	
1338									
## 595	2012-08-17	NO	YES	1	25.5	26.0	58.0	14.00	
1483									
## 596	2012-08-18	NO	NO	1	24.0	24.0	61.0	13.00	
2827									
## 597	2012-08-19	NO	NO	2	23.0	23.0	73.0	7.00	
1208									
## 598	2012-08-20	NO	YES	2	22.0	22.0	78.0	8.00	
1026									
## 599	2012-08-21	NO	YES	1	23.0	23.0	74.0	3.00	
1081									
## 600	2012-08-22	NO	YES	1	23.0	23.5	74.0	0.00	
1094									
## 601	2012-08-23	NO	YES	1	26.0	27.0	61.0	6.00	
1363									
## 602	2012-08-24	NO	YES	2	26.0	27.0	61.5	3.00	
1325									
## 603	2012-08-25	NO	NO	2	24.0	24.0	74.0	18.00	
1829									
## 604	2012-08-26	NO	NO	2	23.0	24.0	89.0	15.00	

1483							
## 605 2012-08-27	NO	YES	1	27.0	29.0	74.0	9.00
989							
## 606 2012-08-28	NO	YES	1	26.5	27.5	56.0	12.00
935							
## 607 2012-08-29	NO	YES	1	24.5	24.5	54.0	9.00
1177							
## 608 2012-08-30	NO	YES	1	26.5	27.5	61.5	6.50
1172							
## 609 2012-08-31	NO	YES	1	29.0	31.0	62.0	11.00
1433							
## 610 2012-09-01	NO	NO	2	29.0	31.0	60.0	8.00
2352							
## 611 2012-09-02	NO	NO	2	26.0	27.5	84.0	6.00
2613							
## 612 2012-09-03	YES	YES	1	26.0	28.0	83.0	9.00
1965							
## 613 2012-09-04	NO	YES	1	28.0	31.0	74.0	17.00
867							
## 614 2012-09-05	NO	YES	1	27.0	30.0	74.0	13.00
832							
## 615 2012-09-06	NO	YES	2	26.0	28.0	84.0	10.00
611							
## 616 2012-09-07	NO	YES	1	26.0	28.0	74.0	9.00
1045							
## 617 2012-09-08	NO	NO	2	24.0	25.0	88.0	17.00
1557							
## 618 2012-09-09	NO	NO	1	21.5	21.0	50.5	17.00
2570							
## 619 2012-09-10	NO	YES	1	21.0	21.0	50.0	19.00
1118							
## 620 2012-09-11	NO	YES	1	19.5	19.5	57.5	7.00
1070							
## 621 2012-09-12	NO	YES	1	21.0	21.0	62.5	9.00
1050							
## 622 2012-09-13	NO	YES	1	21.5	21.5	67.0	6.00
1054							
## 623 2012-09-14	NO	YES	1	22.0	22.0	73.0	7.00
1379							
## 624 2012-09-15	NO	NO	1	21.0	21.0	46.0	18.00
3160							
## 625 2012-09-16	NO	NO	1	20.5	20.5	58.5	7.00
2166							
## 626 2012-09-17	NO	YES	2	22.0	22.0	73.0	11.00
1022							
## 627 2012-09-18	NO	YES	2	22.0	23.0	88.0	21.00
371							
## 628 2012-09-19	NO	YES	1	18.0	18.0	59.0	17.00
788							
## 629 2012-09-20	NO	YES	1	19.0	19.0	63.5	7.00

939							
## 630 2012-09-21	NO	YES	1	21.0	21.0	69.0	12.00
1250							
## 631 2012-09-22	NO	NO	1	23.0	23.0	58.0	19.00
2512							
## 632 2012-09-23	NO	NO	1	17.0	17.0	47.5	16.00
2454							
## 633 2012-09-24	NO	YES	1	16.5	16.5	52.0	9.00
1001							
## 634 2012-09-25	NO	YES	1	21.0	21.0	57.0	17.00
845							
## 635 2012-09-26	NO	YES	1	22.0	22.0	64.0	17.00
787							
## 636 2012-09-27	NO	YES	2	21.0	21.0	78.0	6.00
751							
## 637 2012-09-28	NO	YES	2	21.9	22.5	68.6	10.72
1045							
## 638 2012-09-29	NO	NO	1	17.9	18.3	55.6	14.56
2589							
## 639 2012-09-30	NO	NO	1	17.3	17.8	57.9	10.40
2015							
## 640 2012-10-01	NO	YES	2	17.1	16.9	65.1	6.24
763							
## 641 2012-10-02	NO	YES	3	20.9	20.3	89.5	7.52
315							
## 642 2012-10-03	NO	YES	2	23.3	24.2	83.0	4.64
728							
## 643 2012-10-04	NO	YES	2	23.7	23.9	73.3	8.00
891							
## 644 2012-10-05	NO	YES	1	21.8	22.2	62.5	7.36
1516							
## 645 2012-10-06	NO	NO	1	18.7	19.2	66.1	17.76
3031							
## 646 2012-10-07	NO	NO	2	11.6	11.1	73.2	10.08
781							
## 647 2012-10-08	YES	YES	2	10.1	9.7	71.8	12.64
874							
## 648 2012-10-09	NO	YES	2	12.8	13.3	77.1	12.96
601							
## 649 2012-10-10	NO	YES	1	16.0	17.2	69.6	10.40
780							
## 650 2012-10-11	NO	YES	1	12.9	13.3	45.6	12.96
834							
## 651 2012-10-12	NO	YES	1	12.9	13.6	54.0	15.68
1060							
## 652 2012-10-13	NO	NO	1	10.6	10.6	50.0	10.88
2252							
## 653 2012-10-14	NO	NO	1	17.2	17.5	63.6	18.40
2080							
## 654 2012-10-15	NO	YES	2	19.4	18.1	71.6	18.72

760							
## 655 2012-10-16	NO	YES	1	14.4	14.4	55.8	12.00
922							
## 656 2012-10-17	NO	YES	1	14.0	14.7	68.3	6.72
979							
## 657 2012-10-18	NO	YES	2	16.9	16.9	72.8	15.68
1008							
## 658 2012-10-19	NO	YES	2	19.3	19.2	82.1	9.28
753							
## 659 2012-10-20	NO	NO	1	15.3	15.3	57.2	8.80
2806							
## 660 2012-10-21	NO	NO	1	14.2	14.4	51.1	11.04
2132							
## 661 2012-10-22	NO	YES	1	15.6	15.8	55.3	5.92
830							
## 662 2012-10-23	NO	YES	1	18.7	18.1	62.9	6.08
841							
## 663 2012-10-24	NO	YES	1	20.4	21.7	63.4	4.80
795							
## 664 2012-10-25	NO	YES	2	18.2	19.4	81.4	9.28
875							
## 665 2012-10-26	NO	YES	2	18.2	19.2	81.4	9.28
1182							
## 666 2012-10-27	NO	NO	2	17.3	18.1	72.2	15.84
2643							
## 667 2012-10-28	NO	NO	2	14.7	14.4	69.3	26.88
998							
## 668 2012-10-29	NO	YES	3	10.6	10.6	84.5	40.16
2							
## 669 2012-10-30	NO	YES	2	6.3	6.7	85.6	21.12
87							
## 670 2012-10-31	NO	YES	2	8.8	8.9	68.7	10.88
419							
## 671 2012-11-01	NO	YES	2	9.3	8.6	57.8	10.24
466							
## 672 2012-11-02	NO	YES	1	8.8	8.9	52.2	18.40
618							
## 673 2012-11-03	NO	NO	2	8.2	8.1	50.0	18.24
1029							
## 674 2012-11-04	NO	NO	1	7.2	7.5	54.1	12.32
1201							
## 675 2012-11-05	NO	YES	1	6.8	6.7	49.6	15.52
378							
## 676 2012-11-06	NO	YES	1	5.1	5.0	57.3	12.00
466							
## 677 2012-11-07	NO	YES	2	5.7	5.6	55.7	20.32
326							
## 678 2012-11-08	NO	YES	1	8.4	9.2	34.6	23.84
340							
## 679 2012-11-09	NO	YES	1	9.1	8.9	55.8	13.76

709							
## 680 2012-11-10 2090	NO	NO	1	10.5	10.6	64.9	3.84
## 681 2012-11-11 2290	NO	NO	1	12.2	13.6	66.0	8.64
## 682 2012-11-12 1097	YES	YES	1	15.6	15.6	74.3	12.32
## 683 2012-11-13 327	NO	YES	2	7.8	8.9	69.9	22.88
## 684 2012-11-14 373	NO	YES	1	5.4	5.6	56.0	12.96
## 685 2012-11-15 320	NO	YES	2	7.1	6.9	61.9	10.24
## 686 2012-11-16 484	NO	YES	1	8.2	8.9	52.7	11.52
## 687 2012-11-17 1313	NO	NO	1	7.3	7.2	54.9	12.00
## 688 2012-11-18 922	NO	NO	1	8.2	8.3	69.7	15.36
## 689 2012-11-19 449	NO	YES	2	9.9	10.3	62.9	15.04
## 690 2012-11-20 534	NO	YES	2	9.7	10.6	69.2	5.44
## 691 2012-11-21 615	NO	YES	1	8.7	9.2	61.3	7.20
## 692 2012-11-22 955	YES	YES	1	7.9	8.6	58.4	3.52
## 693 2012-11-23 1603	NO	YES	1	9.7	9.2	55.9	10.72
## 694 2012-11-24 532	NO	NO	1	4.6	5.3	41.1	24.64
## 695 2012-11-25 309	NO	NO	1	3.2	3.6	48.8	9.76
## 696 2012-11-26 337	NO	YES	1	6.9	6.7	53.6	3.36
## 697 2012-11-27 123	NO	YES	2	5.5	5.0	80.1	16.48
## 698 2012-11-28 198	NO	YES	1	5.8	6.1	49.8	13.60
## 699 2012-11-29 243	NO	YES	1	7.0	5.5	46.5	10.00
## 700 2012-11-30 362	NO	YES	1	2.0	2.0	76.0	0.00
## 701 2012-12-01 951	NO	NO	2	5.7	5.0	81.9	4.80
## 702 2012-12-02 892	NO	NO	2	12.0	12.0	82.0	9.00
## 703 2012-12-03 555	NO	YES	1	15.5	15.5	72.5	7.00
## 704 2012-12-04	NO	YES	1	15.0	15.0	68.0	13.00

551							
## 705	2012-12-05	NO	YES	1	13.0	13.0	47.0
331							19.00
## 706	2012-12-06	NO	YES	1	3.0	2.5	52.0
340							12.00
## 707	2012-12-07	NO	YES	2	7.5	5.5	76.0
349							9.00
## 708	2012-12-08	NO	NO	2	10.0	9.5	94.0
1153							7.00
## 709	2012-12-09	NO	NO	2	11.0	11.0	88.0
441							9.00
## 710	2012-12-10	NO	YES	2	13.0	13.0	94.0
329							15.00
## 711	2012-12-11	NO	YES	2	8.0	5.0	60.0
282							21.00
## 712	2012-12-12	NO	YES	2	6.0	3.0	55.0
310							14.00
## 713	2012-12-13	NO	YES	1	5.0	4.0	53.0
425							13.00
## 714	2012-12-14	NO	YES	1	5.0	4.0	70.0
429							7.00
## 715	2012-12-15	NO	NO	1	9.0	7.0	62.0
767							7.00
## 716	2012-12-16	NO	NO	2	9.0	8.0	87.0
538							7.00
## 717	2012-12-17	NO	YES	2	11.0	11.0	91.0
212							7.00
## 718	2012-12-18	NO	YES	1	11.5	11.5	62.0
433							14.00
## 719	2012-12-19	NO	YES	1	7.0	5.0	62.0
333							9.00
## 720	2012-12-20	NO	YES	2	8.0	6.0	71.0
314							11.00
## 721	2012-12-21	NO	YES	2	7.0	3.0	45.0
221							26.00
## 722	2012-12-22	NO	NO	1	4.0	1.0	45.0
205							28.00
## 723	2012-12-23	NO	NO	1	3.0	3.0	51.0
408							9.00
## 724	2012-12-24	NO	YES	2	3.0	1.0	80.0
174							6.00
## 725	2012-12-25	YES	YES	2	5.5	3.5	73.5
440							11.00
## 726	2012-12-26	NO	YES	3	2.5	3.0	87.0
9							22.00
## 727	2012-12-27	NO	YES	2	3.0	1.0	60.0
247							21.00
## 728	2012-12-28	NO	YES	2	3.0	1.0	60.0
644							9.00
## 729	2012-12-29	NO	NO	2	3.0	2.0	75.0
							6.00



159								
## 730	2012-12-30	NO	NO	1	4.0	1.0	51.0	24.00
364								
## 731	2012-12-31	NO	YES	2	3.0	2.0	59.0	11.00
439								
##	REGISTERED							
## 1	654							
## 2	670							
## 3	1229							
## 4	1454							
## 5	1518							
## 6	1518							
## 7	1362							
## 8	891							
## 9	768							
## 10	1280							
## 11	1220							
## 12	1137							
## 13	1368							
## 14	1367							
## 15	1026							
## 16	953							
## 17	883							
## 18	674							
## 19	1572							
## 20	1844							
## 21	1468							
## 22	888							
## 23	836							
## 24	1330							
## 25	1799							
## 26	472							
## 27	416							
## 28	1129							
## 29	975							
## 30	956							
## 31	1459							
## 32	1313							
## 33	1454							
## 34	1489							
## 35	1620							
## 36	905							
## 37	1269							
## 38	1592							
## 39	1466							
## 40	1552							
## 41	1491							
## 42	1597							
## 43	1184							
## 44	1192							

## 45	1705
## 46	1675
## 47	1897
## 48	2216
## 49	2348
## 50	1103
## 51	1173
## 52	912
## 53	1376
## 54	1778
## 55	1707
## 56	1341
## 57	1545
## 58	1708
## 59	1365
## 60	1714
## 61	1903
## 62	1562
## 63	1730
## 64	1437
## 65	491
## 66	1628
## 67	1817
## 68	1700
## 69	577
## 70	1730
## 71	1408
## 72	1435
## 73	1687
## 74	1767
## 75	1871
## 76	2320
## 77	2355
## 78	1693
## 79	1424
## 80	1676
## 81	2243
## 82	1918
## 83	1699
## 84	1910
## 85	1515
## 86	1221
## 87	1806
## 88	2108
## 89	1368
## 90	1506
## 91	1920
## 92	1354
## 93	1598
## 94	2381

## 95	1628
## 96	2395
## 97	2570
## 98	1299
## 99	1576
## 100	1707
## 101	2493
## 102	1777
## 103	1953
## 104	2738
## 105	2484
## 106	674
## 107	2186
## 108	2760
## 109	2795
## 110	3331
## 111	3444
## 112	1506
## 113	2574
## 114	2481
## 115	3300
## 116	3722
## 117	3325
## 118	3489
## 119	3717
## 120	3347
## 121	2213
## 122	3554
## 123	3848
## 124	2378
## 125	3819
## 126	3714
## 127	3102
## 128	2932
## 129	3698
## 130	4109
## 131	3632
## 132	4169
## 133	3413
## 134	2507
## 135	2971
## 136	3185
## 137	3445
## 138	3319
## 139	3840
## 140	4008
## 141	3547
## 142	3084
## 143	3438
## 144	3833

## 145	4238
## 146	3919
## 147	3808
## 148	2757
## 149	2433
## 150	2549
## 151	3309
## 152	3461
## 153	4232
## 154	4414
## 155	3473
## 156	3221
## 157	3875
## 158	4070
## 159	3725
## 160	3352
## 161	3771
## 162	3237
## 163	2993
## 164	4157
## 165	4164
## 166	4411
## 167	3222
## 168	3981
## 169	3312
## 170	3105
## 171	3311
## 172	4061
## 173	3846
## 174	4044
## 175	4022
## 176	3420
## 177	3385
## 178	3854
## 179	3916
## 180	4377
## 181	4488
## 182	4116
## 183	2915
## 184	2367
## 185	2978
## 186	3634
## 187	3845
## 188	3838
## 189	3348
## 190	3348
## 191	3138
## 192	3363
## 193	3596
## 194	3594

## 195	4196
## 196	4220
## 197	3505
## 198	3296
## 199	3617
## 200	3789
## 201	3688
## 202	3152
## 203	2825
## 204	2298
## 205	2556
## 206	3272
## 207	3840
## 208	3901
## 209	3784
## 210	3176
## 211	2916
## 212	2778
## 213	3537
## 214	4044
## 215	3107
## 216	3777
## 217	3843
## 218	2773
## 219	2487
## 220	3480
## 221	3695
## 222	3896
## 223	3980
## 224	3854
## 225	2646
## 226	2482
## 227	3563
## 228	4004
## 229	4026
## 230	3166
## 231	3356
## 232	3277
## 233	2624
## 234	3925
## 235	4614
## 236	4181
## 237	3107
## 238	3893
## 239	889
## 240	2919
## 241	3905
## 242	4429
## 243	4370
## 244	4332

## 245	3852
## 246	2549
## 247	2419
## 248	2115
## 249	2506
## 250	1878
## 251	1689
## 252	3127
## 253	3595
## 254	3413
## 255	4023
## 256	4062
## 257	4138
## 258	3231
## 259	4018
## 260	3077
## 261	2921
## 262	3848
## 263	3203
## 264	3813
## 265	4240
## 266	2137
## 267	3647
## 268	3466
## 269	3946
## 270	3643
## 271	3427
## 272	4186
## 273	4372
## 274	1949
## 275	2302
## 276	3240
## 277	3970
## 278	4267
## 279	4126
## 280	4036
## 281	3174
## 282	3114
## 283	3603
## 284	3896
## 285	2199
## 286	2623
## 287	3115
## 288	3318
## 289	3293
## 290	3857
## 291	4111
## 292	2170
## 293	3724
## 294	3628

## 295	2809
## 296	2762
## 297	3488
## 298	3992
## 299	3490
## 300	2419
## 301	3291
## 302	570
## 303	2446
## 304	3307
## 305	3658
## 306	3816
## 307	3656
## 308	3576
## 309	2770
## 310	2697
## 311	3662
## 312	3829
## 313	3804
## 314	2743
## 315	2928
## 316	2792
## 317	2713
## 318	3891
## 319	3746
## 320	1672
## 321	2914
## 322	3147
## 323	2720
## 324	2733
## 325	2545
## 326	1538
## 327	2454
## 328	935
## 329	1697
## 330	1819
## 331	2261
## 332	3614
## 333	2818
## 334	3425
## 335	3545
## 336	3672
## 337	2908
## 338	2851
## 339	3578
## 340	2468
## 341	655
## 342	3172
## 343	3359
## 344	2688

## 345	2366
## 346	3167
## 347	3368
## 348	3562
## 349	3528
## 350	3399
## 351	2464
## 352	2211
## 353	3143
## 354	3534
## 355	2553
## 356	2841
## 357	2046
## 358	856
## 359	451
## 360	887
## 361	1059
## 362	2047
## 363	2169
## 364	2508
## 365	1820
## 366	1608
## 367	1707
## 368	2147
## 369	2273
## 370	3132
## 371	3791
## 372	3451
## 373	2826
## 374	2270
## 375	3425
## 376	2085
## 377	3828
## 378	3040
## 379	2160
## 380	2027
## 381	2081
## 382	2808
## 383	3267
## 384	3162
## 385	3048
## 386	1234
## 387	1781
## 388	2287
## 389	3900
## 390	3803
## 391	3831
## 392	3187
## 393	3248
## 394	2685



## 395	3498
## 396	4185
## 397	4275
## 398	3571
## 399	3841
## 400	2448
## 401	2629
## 402	3578
## 403	4176
## 404	2693
## 405	3667
## 406	3604
## 407	1977
## 408	1456
## 409	3328
## 410	3787
## 411	4028
## 412	2931
## 413	3805
## 414	2883
## 415	2071
## 416	2627
## 417	3614
## 418	4379
## 419	4546
## 420	3241
## 421	2415
## 422	2874
## 423	4069
## 424	4134
## 425	1769
## 426	4665
## 427	2948
## 428	3110
## 429	2713
## 430	3130
## 431	3735
## 432	4484
## 433	4896
## 434	4122
## 435	3150
## 436	3253
## 437	4460
## 438	5085
## 439	5315
## 440	5187
## 441	3830
## 442	4681
## 443	3685
## 444	5171

## 445	5042
## 446	5108
## 447	5537
## 448	5893
## 449	2339
## 450	3464
## 451	4763
## 452	4571
## 453	5024
## 454	5299
## 455	4663
## 456	3934
## 457	3694
## 458	4728
## 459	5424
## 460	5378
## 461	5265
## 462	4653
## 463	3605
## 464	2939
## 465	4680
## 466	5099
## 467	4380
## 468	4746
## 469	5146
## 470	4665
## 471	4286
## 472	5172
## 473	5702
## 474	4020
## 475	5719
## 476	5950
## 477	4083
## 478	907
## 479	3019
## 480	5115
## 481	5541
## 482	4551
## 483	5219
## 484	3100
## 485	4075
## 486	4907
## 487	5087
## 488	5502
## 489	5657
## 490	5227
## 491	4387
## 492	4224
## 493	5265
## 494	4990

## 495	4097
## 496	5546
## 497	5711
## 498	4807
## 499	3946
## 500	2501
## 501	4490
## 502	6433
## 503	6142
## 504	6118
## 505	4884
## 506	4425
## 507	3729
## 508	5254
## 509	4494
## 510	5711
## 511	5317
## 512	3681
## 513	3308
## 514	3486
## 515	4863
## 516	6110
## 517	6238
## 518	3594
## 519	5325
## 520	5147
## 521	5927
## 522	6033
## 523	6028
## 524	6456
## 525	6248
## 526	4790
## 527	4374
## 528	5647
## 529	4495
## 530	6248
## 531	6183
## 532	6102
## 533	4739
## 534	4344
## 535	4446
## 536	5857
## 537	5339
## 538	5127
## 539	4859
## 540	4801
## 541	4340
## 542	5640
## 543	6365
## 544	6258

## 545	5958
## 546	4634
## 547	4232
## 548	4110
## 549	5323
## 550	5608
## 551	4841
## 552	4836
## 553	4841
## 554	3392
## 555	3469
## 556	5571
## 557	5336
## 558	6289
## 559	6414
## 560	5988
## 561	4614
## 562	4111
## 563	5742
## 564	5865
## 565	4914
## 566	5703
## 567	5123
## 568	3195
## 569	4866
## 570	5831
## 571	6452
## 572	6790
## 573	5825
## 574	5645
## 575	4451
## 576	4444
## 577	6065
## 578	6248
## 579	6506
## 580	6278
## 581	5847
## 582	4479
## 583	3757
## 584	5780
## 585	5995
## 586	6271
## 587	6090
## 588	4721
## 589	4052
## 590	4362
## 591	5676
## 592	5656
## 593	6149
## 594	6267

## 595	5665
## 596	5038
## 597	3341
## 598	5504
## 599	5925
## 600	6281
## 601	6402
## 602	6257
## 603	4224
## 604	3772
## 605	5928
## 606	6105
## 607	6520
## 608	6541
## 609	5917
## 610	3788
## 611	3197
## 612	4069
## 613	5997
## 614	6280
## 615	5592
## 616	6459
## 617	4419
## 618	5657
## 619	6407
## 620	6697
## 621	6820
## 622	6750
## 623	6630
## 624	5554
## 625	5167
## 626	5847
## 627	3702
## 628	6803
## 629	6781
## 630	6917
## 631	5883
## 632	5453
## 633	6435
## 634	6693
## 635	6946
## 636	6642
## 637	6370
## 638	5966
## 639	4874
## 640	6015
## 641	4324
## 642	6844
## 643	6437
## 644	6640

## 645	4934
## 646	2729
## 647	4604
## 648	5791
## 649	6911
## 650	6736
## 651	6222
## 652	4857
## 653	4559
## 654	5115
## 655	6612
## 656	6482
## 657	6501
## 658	4671
## 659	5284
## 660	4692
## 661	6228
## 662	6625
## 663	6898
## 664	6484
## 665	6262
## 666	5209
## 667	3461
## 668	20
## 669	1009
## 670	5147
## 671	5520
## 672	5229
## 673	4109
## 674	3906
## 675	4881
## 676	5220
## 677	4709
## 678	4975
## 679	5283
## 680	4446
## 681	4562
## 682	5172
## 683	3767
## 684	5122
## 685	5125
## 686	5214
## 687	4316
## 688	3747
## 689	5050
## 690	5100
## 691	4531
## 692	1470
## 693	2307
## 694	1745

```
## 695      2115
## 696      4750
## 697      3836
## 698      5062
## 699      5080
## 700      5306
## 701      4240
## 702      3757
## 703      5679
## 704      6055
## 705      5398
## 706      5035
## 707      4659
## 708      4429
## 709      2787
## 710      4841
## 711      5219
## 712      5009
## 713      5107
## 714      5182
## 715      4280
## 716      3248
## 717      4373
## 718      5124
## 719      4934
## 720      3814
## 721      3402
## 722      1544
## 723      1379
## 724       746
## 725       573
## 726       432
## 727      1867
## 728      2451
## 729      1182
## 730      1432
## 731      2290
```

## Question 1

```
dfbOrg <- dfbOrg %>%
  mutate(COUNT = CASUAL + REGISTERED)

dfbOrg <-
  dfbOrg %>%
    mutate(date=as.Date(DATE)) %>%
    mutate(MONTH=months(date))
dfbOrg

##          DATE HOLIDAY WEEKDAY WEATHERSIT TEMP ATEMP HUMIDITY WINDSPEED
CASUAL
```

## 1 331	2011-01-01	NO	NO	2	11.0	11.0	81.0	17.00
## 2 131	2011-01-02	NO	NO	2	9.0	6.5	71.5	17.00
## 3 120	2011-01-03	NO	YES	1	1.0	4.0	44.0	18.00
## 4 108	2011-01-04	NO	YES	1	2.0	2.5	64.0	9.00
## 5 82	2011-01-05	NO	YES	1	2.5	1.0	42.5	13.00
## 6 88	2011-01-06	NO	YES	1	2.0	2.0	52.0	6.00
## 7 148	2011-01-07	NO	YES	2	1.0	3.0	47.5	11.00
## 8 68	2011-01-08	NO	NO	2	1.0	5.0	51.0	17.00
## 9 54	2011-01-09	NO	NO	1	2.0	8.5	46.0	25.00
## 10 41	2011-01-10	NO	YES	1	2.0	6.0	50.0	15.00
## 11 43	2011-01-11	NO	YES	2	1.0	3.5	57.0	7.00
## 12 25	2011-01-12	NO	YES	1	1.0	5.5	55.0	22.00
## 13 38	2011-01-13	NO	YES	1	2.0	7.0	48.5	20.00
## 14 54	2011-01-14	NO	YES	1	2.0	3.0	54.0	8.00
## 15 222	2011-01-15	NO	NO	2	3.5	3.5	52.0	12.00
## 16 251	2011-01-16	NO	NO	1	2.5	2.0	49.5	15.00
## 17 117	2011-01-17	YES	YES	2	1.0	4.0	48.0	13.00
## 18 9	2011-01-18	NO	YES	2	1.0	3.0	87.0	14.00
## 19 78	2011-01-19	NO	YES	2	5.5	2.5	71.5	10.00
## 20 83	2011-01-20	NO	YES	2	4.0	2.0	56.0	15.00
## 21 75	2011-01-21	NO	YES	1	2.0	5.0	42.0	22.00
## 22 93	2011-01-22	NO	NO	1	6.5	11.0	42.0	11.00
## 23 150	2011-01-23	NO	NO	1	4.0	10.0	42.0	15.00
## 24 86	2011-01-24	NO	YES	1	2.5	7.0	49.0	13.00
## 25 186	2011-01-25	NO	YES	2	2.0	4.0	65.0	9.00



## 26 34	2011-01-26	NO	YES	3	2.0	4.0	93.0	22.00
## 27 15	2011-01-27	NO	YES	1	1.5	2.0	70.0	12.00
## 28 38	2011-01-28	NO	YES	2	1.0	2.0	80.0	7.00
## 29 123	2011-01-29	NO	NO	1	1.0	2.5	64.0	9.00
## 30 140	2011-01-30	NO	NO	1	3.0	2.0	70.0	0.00
## 31 42	2011-01-31	NO	YES	2	1.0	4.0	59.0	13.00
## 32 47	2011-02-01	NO	YES	2	2.0	1.0	86.5	0.00
## 33 72	2011-02-02	NO	YES	2	2.5	2.5	93.0	16.00
## 34 61	2011-02-03	NO	YES	1	1.0	4.5	44.0	20.00
## 35 88	2011-02-04	NO	YES	2	3.0	1.5	59.0	9.00
## 36 100	2011-02-05	NO	NO	2	2.0	1.0	100.0	10.00
## 37 354	2011-02-06	NO	NO	1	4.5	3.0	61.0	7.00
## 38 120	2011-02-07	NO	YES	1	5.0	5.0	75.0	0.00
## 39 64	2011-02-08	NO	YES	1	3.0	4.0	40.0	27.00
## 40 53	2011-02-09	NO	YES	2	2.0	6.0	44.0	12.00
## 41 47	2011-02-10	NO	YES	1	2.0	5.5	41.5	15.00
## 42 149	2011-02-11	NO	YES	1	4.0	4.0	59.0	6.00
## 43 288	2011-02-12	NO	NO	1	3.5	2.0	43.5	10.00
## 44 397	2011-02-13	NO	NO	1	9.5	6.0	36.0	20.00
## 45 208	2011-02-14	NO	YES	1	10.0	6.0	40.5	29.00
## 46 140	2011-02-15	NO	YES	1	4.0	3.5	32.0	17.00
## 47 218	2011-02-16	NO	YES	1	8.0	5.5	44.0	15.00
## 48 259	2011-02-17	NO	YES	1	13.5	13.5	54.5	15.00
## 49 579	2011-02-18	NO	YES	1	15.5	15.5	51.0	16.00
## 50 532	2011-02-19	NO	NO	1	11.0	11.0	17.0	35.00

## 51 639	2011-02-20	NO	NO	1	6.0	4.0	42.5	11.00
## 52 195	2011-02-21	YES	YES	2	7.0	5.0	66.0	20.00
## 53 74	2011-02-22	NO	YES	1	2.0	6.0	60.0	17.00
## 54 139	2011-02-23	NO	YES	1	3.0	6.0	48.0	6.00
## 55 100	2011-02-24	NO	YES	2	7.0	4.0	70.0	19.00
## 56 120	2011-02-25	NO	YES	2	7.0	6.0	60.0	24.00
## 57 424	2011-02-26	NO	NO	1	5.0	3.0	56.0	14.00
## 58 694	2011-02-27	NO	NO	1	9.0	8.0	62.0	9.00
## 59 81	2011-02-28	NO	YES	2	10.0	8.0	93.0	19.50
## 60 137	2011-03-01	NO	YES	1	3.5	4.0	58.0	14.00
## 61 231	2011-03-02	NO	YES	1	6.5	3.5	37.0	19.50
## 62 123	2011-03-03	NO	YES	1	1.5	3.0	34.0	13.00
## 63 214	2011-03-04	NO	YES	2	5.5	4.0	67.5	13.00
## 64 640	2011-03-05	NO	NO	2	12.0	12.0	77.0	19.50
## 65 114	2011-03-06	NO	NO	2	11.5	11.5	100.0	21.00
## 66 244	2011-03-07	NO	YES	1	4.0	4.0	48.0	26.00
## 67 316	2011-03-08	NO	YES	1	6.0	3.0	45.5	8.00
## 68 191	2011-03-09	NO	YES	2	7.0	3.0	76.0	17.00
## 69 46	2011-03-10	NO	YES	3	10.5	9.5	100.0	17.00
## 70 247	2011-03-11	NO	YES	2	7.0	4.0	57.0	17.00
## 71 724	2011-03-12	NO	NO	1	8.5	5.5	63.5	13.00
## 72 982	2011-03-13	NO	NO	1	9.5	8.5	53.5	20.00
## 73 359	2011-03-14	NO	YES	1	7.5	5.5	47.5	9.00
## 74 289	2011-03-15	NO	YES	2	7.0	5.0	68.0	13.00
## 75 321	2011-03-16	NO	YES	2	9.0	8.0	82.0	13.00

## 76 424	2011-03-17	NO	YES	1	12.0	12.0	63.0	15.00
## 77 884	2011-03-18	NO	YES	1	19.0	19.0	52.0	15.00
## 78 1424	2011-03-19	NO	NO	1	14.0	14.0	38.0	25.00
## 79 1047	2011-03-20	NO	NO	1	8.0	5.0	51.5	15.00
## 80 401	2011-03-21	NO	YES	2	12.5	12.5	74.5	19.50
## 81 460	2011-03-22	NO	YES	1	13.0	13.0	56.5	16.00
## 82 203	2011-03-23	NO	YES	2	8.0	5.0	87.0	15.00
## 83 166	2011-03-24	NO	YES	2	5.5	2.0	76.0	15.00
## 84 300	2011-03-25	NO	YES	1	4.5	3.0	44.0	17.00
## 85 981	2011-03-26	NO	NO	1	4.0	2.0	42.0	13.00
## 86 472	2011-03-27	NO	NO	2	4.0	3.0	45.0	12.00
## 87 222	2011-03-28	NO	YES	1	4.0	3.0	26.0	15.00
## 88 317	2011-03-29	NO	YES	1	7.5	4.5	28.0	17.00
## 89 168	2011-03-30	NO	YES	2	7.0	5.0	57.0	15.00
## 90 179	2011-03-31	NO	YES	3	4.5	1.5	93.0	15.00
## 91 307	2011-04-01	NO	YES	2	7.0	4.0	61.0	17.00
## 92 898	2011-04-02	NO	NO	2	7.0	4.5	65.5	11.00
## 93 1651	2011-04-03	NO	NO	1	11.0	11.0	44.0	13.00
## 94 734	2011-04-04	NO	YES	1	22.0	21.5	43.0	25.00
## 95 167	2011-04-05	NO	YES	2	10.0	6.0	60.0	28.00
## 96 413	2011-04-06	NO	YES	1	12.5	12.5	41.0	18.00
## 97 571	2011-04-07	NO	YES	1	12.0	12.0	63.0	13.00
## 98 172	2011-04-08	NO	YES	2	8.0	6.0	87.0	15.00
## 99 879	2011-04-09	NO	NO	2	9.0	8.0	87.0	9.00
## 100 1188	2011-04-10	NO	NO	2	11.5	11.5	88.0	9.00

## 101 2011-04-11 855	NO	YES	2	20.5	20.5	73.0	19.50
## 102 2011-04-12 257	NO	YES	2	16.0	16.0	77.0	19.00
## 103 2011-04-13 209	NO	YES	2	11.5	11.5	85.0	17.00
## 104 2011-04-14 529	NO	YES	1	14.0	14.0	55.0	9.00
## 105 2011-04-15 642	YES	YES	1	13.0	13.0	67.0	17.00
## 106 2011-04-16 121	NO	NO	3	12.0	12.0	88.0	22.00
## 107 2011-04-17 1558	NO	NO	1	13.5	13.5	43.0	22.00
## 108 2011-04-18 669	NO	YES	1	17.0	17.0	49.0	11.00
## 109 2011-04-19 409	NO	YES	2	16.0	16.0	67.5	11.00
## 110 2011-04-20 613	NO	YES	1	22.0	22.0	54.5	17.00
## 111 2011-04-21 745	NO	YES	1	13.5	13.5	42.5	23.00
## 112 2011-04-22 177	NO	YES	2	8.0	5.0	66.0	15.00
## 113 2011-04-23 1462	NO	NO	2	14.0	14.0	88.0	15.00
## 114 2011-04-24 1710	NO	NO	2	19.0	19.0	83.0	13.00
## 115 2011-04-25 773	NO	YES	1	21.0	21.0	74.0	15.00
## 116 2011-04-26 678	NO	YES	1	22.5	22.5	74.0	22.00
## 117 2011-04-27 547	NO	YES	2	22.0	22.0	83.0	19.00
## 118 2011-04-28 569	NO	YES	2	22.0	22.0	78.0	22.00
## 119 2011-04-29 878	NO	YES	1	17.0	17.0	45.0	19.00
## 120 2011-04-30 1965	NO	NO	1	13.0	13.0	54.0	15.00
## 121 2011-05-01 1138	NO	NO	2	14.0	14.0	77.0	7.00
## 122 2011-05-02 847	NO	YES	2	19.5	19.5	73.0	13.00
## 123 2011-05-03 603	NO	YES	2	22.0	22.0	66.5	23.00
## 124 2011-05-04 255	NO	YES	2	11.0	11.0	74.5	22.00
## 125 2011-05-05 614	NO	YES	1	15.5	15.5	39.0	17.00

## 126 2011-05-06 894	NO	YES	1	14.0	14.0	62.0	11.00
## 127 2011-05-07 1612	NO	NO	1	18.0	18.0	49.0	11.00
## 128 2011-05-08 1401	NO	NO	1	17.0	17.0	63.0	6.00
## 129 2011-05-09 664	NO	YES	1	17.5	17.5	56.0	13.00
## 130 2011-05-10 694	NO	YES	1	17.5	17.5	52.0	8.00
## 131 2011-05-11 550	NO	YES	1	17.5	17.5	61.5	9.00
## 132 2011-05-12 695	NO	YES	1	18.0	18.0	78.0	13.00
## 133 2011-05-13 692	NO	YES	2	17.0	17.0	88.0	11.00
## 134 2011-05-14 902	NO	NO	2	17.0	17.0	94.0	9.00
## 135 2011-05-15 1582	NO	NO	2	18.5	18.5	85.5	9.00
## 136 2011-05-16 773	NO	YES	1	19.5	19.5	83.0	9.00
## 137 2011-05-17 678	NO	YES	2	19.0	19.0	88.0	20.00
## 138 2011-05-18 536	NO	YES	2	18.0	18.0	88.0	15.00
## 139 2011-05-19 735	NO	YES	2	17.5	17.5	88.0	6.50
## 140 2011-05-20 909	NO	YES	1	18.5	18.5	66.0	7.00
## 141 2011-05-21 2258	NO	NO	1	21.5	21.5	62.5	8.00
## 142 2011-05-22 1576	NO	NO	1	22.0	22.0	71.0	9.00
## 143 2011-05-23 836	NO	YES	2	22.0	23.0	88.0	15.00
## 144 2011-05-24 659	NO	YES	2	23.5	23.5	74.0	13.00
## 145 2011-05-25 740	NO	YES	1	24.5	24.5	67.0	9.00
## 146 2011-05-26 758	NO	YES	1	26.5	27.5	65.5	12.00
## 147 2011-05-27 871	NO	YES	1	25.0	25.0	65.0	17.00
## 148 2011-05-28 2001	NO	NO	1	24.0	24.0	74.0	15.00
## 149 2011-05-29 2355	NO	NO	1	24.0	25.0	83.0	15.00
## 150 2011-05-30 1549	YES	YES	1	27.0	29.0	70.0	7.00

## 151 2011-05-31 673	NO	YES	1	30.0	33.0	60.5	8.00
## 152 2011-06-01 513	NO	YES	2	28.0	31.0	74.0	13.00
## 153 2011-06-02 736	NO	YES	1	27.0	26.0	29.5	20.00
## 154 2011-06-03 898	NO	YES	1	22.0	21.0	34.5	19.00
## 155 2011-06-04 1869	NO	NO	1	23.0	23.0	46.5	7.00
## 156 2011-06-05 1685	NO	NO	2	23.0	23.0	65.0	11.00
## 157 2011-06-06 673	NO	YES	1	24.5	24.5	59.5	9.00
## 158 2011-06-07 763	NO	YES	1	27.0	28.5	59.5	12.00
## 159 2011-06-08 676	NO	YES	1	31.0	34.0	62.0	9.00
## 160 2011-06-09 563	NO	YES	2	30.0	32.5	50.0	10.00
## 161 2011-06-10 815	NO	YES	1	29.0	30.5	60.5	9.00
## 162 2011-06-11 1729	NO	NO	1	26.5	28.0	62.0	10.00
## 163 2011-06-12 1467	NO	NO	1	24.5	25.5	78.0	11.00
## 164 2011-06-13 863	NO	YES	1	23.0	22.5	45.5	20.00
## 165 2011-06-14 727	NO	YES	1	21.0	21.0	50.0	18.00
## 166 2011-06-15 769	NO	YES	1	22.5	22.5	48.5	11.00
## 167 2011-06-16 545	NO	YES	2	22.0	22.0	68.0	13.00
## 168 2011-06-17 863	NO	YES	1	22.5	23.0	83.0	9.00
## 169 2011-06-18 1807	NO	NO	1	27.0	28.0	62.0	8.00
## 170 2011-06-19 1639	NO	NO	2	26.0	27.0	67.5	7.00
## 171 2011-06-20 699	NO	YES	2	23.0	23.0	78.0	11.00
## 172 2011-06-21 774	NO	YES	2	25.0	26.0	78.0	11.00
## 173 2011-06-22 661	NO	YES	1	27.5	30.5	76.0	12.00
## 174 2011-06-23 746	NO	YES	2	27.0	29.0	70.0	15.00
## 175 2011-06-24 969	NO	YES	1	26.5	27.0	48.0	15.00

## 176 2011-06-25 1782	NO	NO	1	26.0	26.0	48.0	13.00
## 177 2011-06-26 1920	NO	NO	1	26.0	26.0	52.0	7.00
## 178 2011-06-27 854	NO	YES	2	26.0	27.0	65.0	9.00
## 179 2011-06-28 732	NO	YES	1	28.0	29.5	68.0	11.00
## 180 2011-06-29 848	NO	YES	1	27.0	27.0	42.0	18.00
## 181 2011-06-30 1027	NO	YES	1	26.0	26.0	42.0	13.00
## 182 2011-07-01 1246	NO	YES	1	26.0	26.0	42.0	9.00
## 183 2011-07-02 2204	NO	NO	1	28.0	28.5	47.5	7.00
## 184 2011-07-03 2282	NO	NO	2	25.5	26.5	70.0	12.00
## 185 2011-07-04 3065	YES	YES	2	28.0	30.0	62.0	6.00
## 186 2011-07-05 1031	NO	YES	1	29.0	30.0	62.0	7.00
## 187 2011-07-06 784	NO	YES	1	27.0	29.0	74.0	11.00
## 188 2011-07-07 754	NO	YES	1	28.0	30.5	62.0	11.00
## 189 2011-07-08 692	NO	YES	2	26.0	27.0	78.5	15.00
## 190 2011-07-09 1988	NO	NO	1	28.0	29.0	58.0	11.00
## 191 2011-07-10 1743	NO	NO	1	28.0	30.0	61.0	13.00
## 192 2011-07-11 723	NO	YES	1	27.5	29.5	61.0	19.00
## 193 2011-07-12 662	NO	YES	1	31.0	32.0	52.0	13.00
## 194 2011-07-13 748	NO	YES	1	28.0	29.0	58.0	11.00
## 195 2011-07-14 888	NO	YES	1	24.5	24.5	48.5	17.00
## 196 2011-07-15 1318	NO	YES	1	24.0	24.0	55.5	13.00
## 197 2011-07-16 2418	NO	NO	1	26.0	27.0	56.0	15.00
## 198 2011-07-17 2006	NO	NO	1	27.5	29.0	60.0	15.00
## 199 2011-07-18 841	NO	YES	1	28.5	30.5	66.0	15.00
## 200 2011-07-19 752	NO	YES	1	29.0	33.0	66.0	9.00

## 201 2011-07-20 644	NO	YES	1	29.0	34.0	70.0	7.00
## 202 2011-07-21 632	NO	YES	2	32.0	41.0	71.0	15.00
## 203 2011-07-22 562	NO	YES	1	33.0	38.0	57.5	7.00
## 204 2011-07-23 987	NO	NO	1	32.0	36.0	52.0	9.00
## 205 2011-07-24 1050	NO	NO	1	32.0	36.0	55.0	10.00
## 206 2011-07-25 568	NO	YES	1	28.0	31.0	79.0	6.00
## 207 2011-07-26 750	NO	YES	1	29.5	30.5	47.5	15.00
## 208 2011-07-27 755	NO	YES	1	29.5	29.5	43.5	14.00
## 209 2011-07-28 606	NO	YES	1	30.0	34.0	56.0	13.00
## 210 2011-07-29 670	NO	YES	1	33.0	35.5	46.5	13.00
## 211 2011-07-30 1559	NO	NO	1	30.5	32.0	47.5	11.00
## 212 2011-07-31 1524	NO	NO	1	30.0	32.0	55.0	11.00
## 213 2011-08-01 729	NO	YES	1	28.0	29.0	56.5	12.00
## 214 2011-08-02 801	NO	YES	1	31.0	32.0	47.5	15.00
## 215 2011-08-03 467	NO	YES	2	28.0	29.0	58.0	9.00
## 216 2011-08-04 799	NO	YES	2	26.0	27.0	74.0	14.00
## 217 2011-08-05 1023	NO	YES	1	26.0	27.0	65.0	15.00
## 218 2011-08-06 1521	NO	NO	2	27.0	30.0	78.0	15.00
## 219 2011-08-07 1298	NO	NO	1	27.0	29.0	84.0	13.00
## 220 2011-08-08 846	NO	YES	1	29.0	31.0	56.5	10.00
## 221 2011-08-09 907	NO	YES	1	30.0	30.5	57.0	11.00
## 222 2011-08-10 884	NO	YES	1	29.0	29.0	39.0	14.00
## 223 2011-08-11 812	NO	YES	1	26.5	26.5	42.0	11.00
## 224 2011-08-12 1051	NO	YES	1	26.5	26.5	42.0	9.00
## 225 2011-08-13 1504	NO	NO	2	25.0	26.0	74.0	13.00



## 226 2011-08-14 1338	NO	NO	2	24.0	25.0	83.5	14.00
## 227 2011-08-15 775	NO	YES	1	24.0	24.0	69.0	15.00
## 228 2011-08-16 721	NO	YES	1	26.0	27.0	58.0	16.00
## 229 2011-08-17 668	NO	YES	1	27.5	28.0	56.5	11.00
## 230 2011-08-18 639	NO	YES	1	25.0	25.5	67.5	17.00
## 231 2011-08-19 797	NO	YES	2	23.5	24.5	80.5	6.00
## 232 2011-08-20 1914	NO	NO	1	26.5	27.5	67.0	9.00
## 233 2011-08-21 1249	NO	NO	1	26.0	28.0	79.0	17.00
## 234 2011-08-22 833	NO	YES	1	25.5	26.0	39.5	20.00
## 235 2011-08-23 1281	NO	YES	1	22.5	22.5	49.5	12.00
## 236 2011-08-24 949	NO	YES	1	26.0	27.0	59.0	20.00
## 237 2011-08-25 435	NO	YES	2	25.0	25.0	78.0	20.00
## 238 2011-08-26 768	NO	YES	1	27.0	30.0	79.0	7.00
## 239 2011-08-27 226	NO	NO	2	24.0	25.0	84.0	29.50
## 240 2011-08-28 1415	NO	NO	1	24.0	24.0	65.0	26.00
## 241 2011-08-29 729	NO	YES	1	22.5	22.5	53.0	11.00
## 242 2011-08-30 775	NO	YES	1	23.5	23.5	53.5	9.00
## 243 2011-08-31 688	NO	YES	1	24.0	24.0	61.0	6.00
## 244 2011-09-01 783	NO	YES	1	24.0	24.0	59.5	9.00
## 245 2011-09-02 875	NO	YES	2	23.0	23.0	74.0	9.00
## 246 2011-09-03 1935	NO	NO	1	24.0	24.5	70.0	11.00
## 247 2011-09-04 2521	NO	NO	1	27.0	29.0	74.0	13.00
## 248 2011-09-05 1236	YES	YES	2	24.5	25.0	76.0	11.00
## 249 2011-09-06 204	NO	YES	3	18.0	18.0	88.0	24.00
## 250 2011-09-07 118	NO	YES	3	21.0	21.0	94.0	7.00

## 251 2011-09-08 153	NO	YES	3	22.0	23.0	94.0	11.00
## 252 2011-09-09 417	NO	YES	2	22.0	23.0	94.0	9.00
## 253 2011-09-10 1750	NO	NO	1	23.0	23.0	78.0	9.00
## 254 2011-09-11 1633	NO	NO	1	23.0	23.0	73.0	7.00
## 255 2011-09-12 690	NO	YES	1	23.0	23.0	71.5	6.00
## 256 2011-09-13 701	NO	YES	1	23.0	23.0	76.0	9.00
## 257 2011-09-14 647	NO	YES	1	24.0	24.0	69.5	10.00
## 258 2011-09-15 428	NO	YES	2	21.5	21.5	69.0	18.00
## 259 2011-09-16 742	NO	YES	2	16.0	16.0	57.0	12.00
## 260 2011-09-17 1434	NO	NO	2	16.0	16.0	72.0	13.00
## 261 2011-09-18 1353	NO	NO	1	17.5	17.5	68.0	13.00
## 262 2011-09-19 691	NO	YES	2	19.0	19.0	68.0	11.00
## 263 2011-09-20 438	NO	YES	2	19.0	19.0	88.0	11.00
## 264 2011-09-21 539	NO	YES	2	21.5	21.5	94.0	6.50
## 265 2011-09-22 555	NO	YES	2	22.0	23.0	94.0	7.00
## 266 2011-09-23 258	NO	YES	2	22.0	23.0	94.0	6.00
## 267 2011-09-24 1776	NO	NO	2	22.0	22.0	88.0	6.00
## 268 2011-09-25 1544	NO	NO	2	22.5	23.0	85.5	3.00
## 269 2011-09-26 684	NO	YES	2	23.0	24.0	88.0	9.00
## 270 2011-09-27 477	NO	YES	2	22.5	23.5	89.0	7.00
## 271 2011-09-28 480	NO	YES	2	21.0	21.0	88.0	8.00
## 272 2011-09-29 653	NO	YES	1	21.0	21.0	66.5	13.00
## 273 2011-09-30 830	NO	YES	1	18.0	18.0	57.0	13.00
## 274 2011-10-01 480	NO	NO	2	11.0	11.0	77.0	22.00
## 275 2011-10-02 616	NO	NO	2	9.0	6.0	82.0	15.00

## 276 2011-10-03 330	NO	YES	2	11.0	11.0	77.0	7.00
## 277 2011-10-04 486	NO	YES	1	15.5	15.5	70.0	15.00
## 278 2011-10-05 559	NO	YES	1	17.0	17.0	68.5	11.00
## 279 2011-10-06 639	NO	YES	1	15.5	15.5	63.0	9.00
## 280 2011-10-07 949	NO	YES	1	16.0	16.0	68.0	0.00
## 281 2011-10-08 2235	NO	NO	1	16.5	16.5	77.0	0.00
## 282 2011-10-09 2397	NO	NO	1	17.5	17.5	80.0	6.00
## 283 2011-10-10 1514	YES	YES	1	19.0	19.0	80.5	0.00
## 284 2011-10-11 667	NO	YES	2	20.0	20.0	83.0	10.00
## 285 2011-10-12 217	NO	YES	3	18.0	18.0	91.0	17.00
## 286 2011-10-13 290	NO	YES	2	20.0	20.0	88.0	9.00
## 287 2011-10-14 529	NO	YES	2	19.0	19.0	88.0	13.00
## 288 2011-10-15 1899	NO	NO	1	16.0	16.0	47.0	14.00
## 289 2011-10-16 1748	NO	NO	1	18.0	18.0	49.0	18.00
## 290 2011-10-17 713	NO	YES	1	18.0	18.0	55.5	11.00
## 291 2011-10-18 637	NO	YES	2	17.5	17.5	72.5	7.00
## 292 2011-10-19 254	NO	YES	3	17.5	17.5	94.0	13.00
## 293 2011-10-20 471	NO	YES	1	15.0	15.0	58.0	28.00
## 294 2011-10-21 676	NO	YES	1	12.0	12.0	56.5	15.00
## 295 2011-10-22 1499	NO	NO	1	11.5	11.5	63.0	6.00
## 296 2011-10-23 1619	NO	NO	1	12.0	12.0	77.0	7.00
## 297 2011-10-24 699	NO	YES	1	14.0	14.0	82.0	7.00
## 298 2011-10-25 695	NO	YES	1	14.0	14.0	67.5	9.00
## 299 2011-10-26 404	NO	YES	2	15.5	15.5	72.0	11.00
## 300 2011-10-27 240	NO	YES	2	15.0	15.0	85.5	10.00

## 301 2011-10-28 456	NO	YES	2	7.5	5.0	61.0	16.00
## 302 2011-10-29 57	NO	NO	3	4.0	1.5	87.0	24.00
## 303 2011-10-30 885	NO	NO	1	6.5	6.0	66.0	14.00
## 304 2011-10-31 362	NO	YES	1	8.0	6.0	76.0	8.00
## 305 2011-11-01 410	NO	YES	1	10.0	10.0	71.5	10.00
## 306 2011-11-02 370	NO	YES	1	9.5	8.5	74.0	6.50
## 307 2011-11-03 318	NO	YES	1	11.0	11.0	76.0	9.00
## 308 2011-11-04 470	NO	YES	2	11.0	11.0	61.0	22.00
## 309 2011-11-05 1156	NO	NO	1	7.0	5.0	53.0	15.00
## 310 2011-11-06 952	NO	NO	1	9.0	8.0	78.5	6.00
## 311 2011-11-07 373	NO	YES	1	9.0	8.0	84.5	6.00
## 312 2011-11-08 376	NO	YES	1	10.0	10.0	79.5	6.00
## 313 2011-11-09 305	NO	YES	1	11.0	11.0	87.0	0.00
## 314 2011-11-10 190	NO	YES	2	9.0	7.0	82.0	15.00
## 315 2011-11-11 440	YES	YES	1	7.0	4.0	43.0	20.50
## 316 2011-11-12 1275	NO	NO	1	11.0	11.0	58.0	15.00
## 317 2011-11-13 1004	NO	NO	1	14.0	14.0	44.0	20.00
## 318 2011-11-14 595	NO	YES	1	19.0	19.0	61.5	20.00
## 319 2011-11-15 449	NO	YES	2	18.0	18.0	68.0	12.00
## 320 2011-11-16 145	NO	YES	3	14.0	14.0	94.0	9.00
## 321 2011-11-17 139	NO	YES	2	8.0	4.0	52.0	20.00
## 322 2011-11-18 245	NO	YES	1	4.0	2.0	43.0	11.00
## 323 2011-11-19 943	NO	NO	1	9.0	7.5	52.5	17.00
## 324 2011-11-20 787	NO	NO	2	14.0	14.0	67.0	13.00
## 325 2011-11-21 220	NO	YES	3	13.0	13.0	94.0	10.00

## 326 2011-11-22 69	NO	YES	3	11.5	11.5	94.0	7.00
## 327 2011-11-23 112	NO	YES	2	13.0	13.0	66.5	26.00
## 328 2011-11-24 560	YES	YES	1	9.0	7.0	61.0	10.00
## 329 2011-11-25 1095	NO	YES	1	8.5	7.5	71.0	7.00
## 330 2011-11-26 1249	NO	NO	1	9.5	9.5	76.0	6.00
## 331 2011-11-27 810	NO	NO	1	15.0	15.0	72.0	17.00
## 332 2011-11-28 253	NO	YES	1	17.0	17.0	77.5	9.00
## 333 2011-11-29 96	NO	YES	2	12.0	12.0	83.0	20.00
## 334 2011-11-30 188	NO	YES	1	7.0	4.0	57.0	19.00
## 335 2011-12-01 182	NO	YES	1	6.0	4.0	56.0	15.00
## 336 2011-12-02 268	NO	YES	1	7.0	5.0	58.0	6.00
## 337 2011-12-03 706	NO	NO	1	6.0	4.5	63.5	6.00
## 338 2011-12-04 634	NO	NO	1	8.0	7.0	81.0	7.00
## 339 2011-12-05 233	NO	YES	2	12.0	12.0	87.0	6.00
## 340 2011-12-06 126	NO	YES	3	14.0	14.0	100.0	15.00
## 341 2011-12-07 50	NO	YES	3	13.0	13.0	100.0	16.00
## 342 2011-12-08 150	NO	YES	1	4.0	2.0	56.0	15.00
## 343 2011-12-09 261	NO	YES	1	5.5	4.5	73.0	6.00
## 344 2011-12-10 502	NO	NO	1	4.0	2.0	49.5	15.00
## 345 2011-12-11 377	NO	NO	1	2.0	3.0	56.0	0.00
## 346 2011-12-12 143	NO	YES	1	3.5	4.0	70.0	6.00
## 347 2011-12-13 155	NO	YES	1	6.0	4.0	53.0	11.00
## 348 2011-12-14 178	NO	YES	2	7.0	6.0	66.0	6.00
## 349 2011-12-15 181	NO	YES	2	14.0	14.0	63.5	19.00
## 350 2011-12-16 178	NO	YES	2	8.0	5.0	46.0	18.00

## 351 2011-12-17 275	NO	NO	2	4.0	1.0	56.0	16.00
## 352 2011-12-18 220	NO	NO	1	2.0	1.5	60.0	11.00
## 353 2011-12-19 260	NO	YES	1	7.0	5.0	59.5	11.00
## 354 2011-12-20 216	NO	YES	2	9.5	9.0	60.5	0.00
## 355 2011-12-21 107	NO	YES	2	13.0	13.0	88.0	17.00
## 356 2011-12-22 227	NO	YES	2	13.0	13.0	82.0	0.00
## 357 2011-12-23 163	NO	YES	1	10.0	8.0	66.0	17.00
## 358 2011-12-24 155	NO	NO	1	6.0	4.0	54.5	11.00
## 359 2011-12-25 303	NO	NO	1	4.5	2.0	70.5	10.00
## 360 2011-12-26 430	YES	YES	1	8.0	5.0	46.0	16.00
## 361 2011-12-27 103	NO	YES	2	7.0	5.5	81.5	9.00
## 362 2011-12-28 255	NO	YES	1	7.0	3.0	46.0	17.00
## 363 2011-12-29 254	NO	YES	1	4.5	3.0	58.5	8.00
## 364 2011-12-30 491	NO	YES	1	8.0	5.0	66.0	7.00
## 365 2011-12-31 665	NO	NO	1	11.0	11.0	62.0	13.00
## 366 2012-01-01 686	NO	NO	1	11.0	11.0	65.0	17.00
## 367 2012-01-02 244	YES	YES	1	4.0	2.0	36.5	21.00
## 368 2012-01-03 89	NO	YES	1	2.0	8.0	42.5	24.00
## 369 2012-01-04 95	NO	YES	2	2.0	7.0	42.5	13.00
## 370 2012-01-05 140	NO	YES	1	3.5	2.0	56.0	6.00
## 371 2012-01-06 307	NO	YES	1	9.0	7.0	50.0	12.00
## 372 2012-01-07 1070	NO	NO	1	10.5	9.5	45.0	13.00
## 373 2012-01-08 599	NO	NO	1	7.0	5.5	49.0	14.00
## 374 2012-01-09 106	NO	YES	2	2.0	1.0	70.0	7.00
## 375 2012-01-10 173	NO	YES	1	4.0	4.0	81.0	11.00

## 376 2012-01-11 92	NO	YES	2	7.0	5.0	87.0	9.00
## 377 2012-01-12 269	NO	YES	2	10.0	7.5	77.0	13.00
## 378 2012-01-13 174	NO	YES	1	4.0	2.0	46.0	24.00
## 379 2012-01-14 333	NO	NO	1	2.0	5.0	47.0	15.00
## 380 2012-01-15 284	NO	NO	1	1.0	5.0	43.0	16.00
## 381 2012-01-16 217	YES	YES	1	4.0	2.0	54.0	19.50
## 382 2012-01-17 127	NO	YES	2	11.5	10.0	74.0	22.00
## 383 2012-01-18 109	NO	YES	1	6.0	2.5	42.0	27.00
## 384 2012-01-19 130	NO	YES	1	3.0	2.0	48.0	17.00
## 385 2012-01-20 115	NO	YES	2	2.0	2.0	38.0	14.00
## 386 2012-01-21 67	NO	NO	2	1.0	5.0	81.0	17.00
## 387 2012-01-22 196	NO	NO	2	1.0	5.0	80.0	13.00
## 388 2012-01-23 145	NO	YES	2	2.0	1.0	93.0	9.00
## 389 2012-01-24 439	NO	YES	1	7.0	6.0	87.0	8.00
## 390 2012-01-25 467	NO	YES	1	5.5	5.0	66.0	11.00
## 391 2012-01-26 244	NO	YES	2	10.0	9.5	79.0	7.00
## 392 2012-01-27 269	NO	YES	2	12.0	12.0	57.0	22.00
## 393 2012-01-28 775	NO	NO	1	6.0	4.0	53.5	14.00
## 394 2012-01-29 558	NO	NO	1	6.0	3.0	28.5	16.00
## 395 2012-01-30 126	NO	YES	1	4.5	3.0	43.0	13.00
## 396 2012-01-31 324	NO	YES	1	12.0	12.0	39.5	18.00
## 397 2012-02-01 304	NO	YES	1	14.0	14.0	52.0	11.00
## 398 2012-02-02 190	NO	YES	2	11.0	11.0	67.0	10.00
## 399 2012-02-03 310	NO	YES	1	6.5	3.5	53.0	12.00
## 400 2012-02-04 384	NO	NO	2	3.0	2.0	81.0	9.00

## 401 2012-02-05 318	NO	NO	2	4.0	1.0	65.0	11.00
## 402 2012-02-06 206	NO	YES	1	6.0	4.0	66.0	9.00
## 403 2012-02-07 199	NO	YES	1	7.5	6.5	47.5	12.00
## 404 2012-02-08 109	NO	YES	2	3.0	1.0	70.0	9.00
## 405 2012-02-09 163	NO	YES	1	5.0	4.0	53.0	15.00
## 406 2012-02-10 227	NO	YES	2	6.0	4.0	56.0	9.00
## 407 2012-02-11 192	NO	NO	3	2.0	1.0	81.0	17.00
## 408 2012-02-12 73	NO	NO	1	2.0	8.0	43.0	26.00
## 409 2012-02-13 94	NO	YES	1	4.0	5.5	46.0	9.00
## 410 2012-02-14 135	NO	YES	2	7.5	6.5	50.0	7.00
## 411 2012-02-15 141	NO	YES	1	8.0	6.0	54.0	11.00
## 412 2012-02-16 74	NO	YES	2	7.0	6.0	76.0	6.00
## 413 2012-02-17 349	NO	YES	1	9.0	6.5	45.5	13.00
## 414 2012-02-18 1435	NO	NO	1	8.5	5.5	44.0	15.00
## 415 2012-02-19 618	NO	NO	2	4.5	2.0	52.0	17.00
## 416 2012-02-20 502	YES	YES	1	4.0	4.0	48.0	15.00
## 417 2012-02-21 163	NO	YES	1	7.0	3.5	65.0	14.00
## 418 2012-02-22 394	NO	YES	1	12.5	12.5	57.0	18.00
## 419 2012-02-23 516	NO	YES	1	13.0	13.0	55.0	13.00
## 420 2012-02-24 246	NO	YES	2	11.0	11.0	79.5	12.00
## 421 2012-02-25 317	NO	NO	1	6.0	2.0	40.0	28.00
## 422 2012-02-26 515	NO	NO	1	4.5	3.0	42.0	15.00
## 423 2012-02-27 253	NO	YES	1	11.0	11.0	45.0	17.00
## 424 2012-02-28 229	NO	YES	1	8.5	7.0	39.5	9.00
## 425 2012-02-29 65	NO	YES	2	9.0	6.0	87.0	9.00



## 426 2012-03-01 325	NO	YES	1	14.0	14.0	50.0	15.00
## 427 2012-03-02 246	NO	YES	2	9.0	7.0	71.0	11.00
## 428 2012-03-03 956	NO	NO	2	11.0	11.0	51.0	11.00
## 429 2012-03-04 710	NO	NO	1	7.0	2.5	42.5	21.00
## 430 2012-03-05 203	NO	YES	1	3.0	1.5	54.5	14.00
## 431 2012-03-06 221	NO	YES	1	5.0	4.0	48.5	15.00
## 432 2012-03-07 432	NO	YES	1	13.0	13.0	57.0	22.00
## 433 2012-03-08 486	NO	YES	1	19.0	19.0	51.0	30.00
## 434 2012-03-09 447	NO	YES	2	10.0	7.0	34.0	26.00
## 435 2012-03-10 968	NO	NO	1	4.0	3.0	41.0	17.00
## 436 2012-03-11 1658	NO	NO	1	10.5	10.0	50.0	15.00
## 437 2012-03-12 838	NO	YES	1	16.5	16.5	50.0	14.00
## 438 2012-03-13 762	NO	YES	1	18.5	18.5	60.0	15.00
## 439 2012-03-14 997	NO	YES	1	19.0	19.0	46.0	7.00
## 440 2012-03-15 1005	NO	YES	1	17.0	17.0	61.5	8.00
## 441 2012-03-16 548	NO	YES	2	13.0	13.0	88.0	6.00
## 442 2012-03-17 3155	NO	NO	2	17.0	17.0	77.0	7.00
## 443 2012-03-18 2207	NO	NO	2	14.0	14.0	82.0	9.00
## 444 2012-03-19 982	NO	YES	1	19.0	19.0	72.5	11.00
## 445 2012-03-20 1051	NO	YES	1	18.0	18.0	83.0	9.00
## 446 2012-03-21 1122	NO	YES	2	17.0	17.0	83.0	6.00
## 447 2012-03-22 1334	NO	YES	1	19.5	19.5	80.5	6.50
## 448 2012-03-23 2469	NO	YES	2	21.0	21.0	69.0	7.00
## 449 2012-03-24 1033	NO	NO	2	16.0	16.0	94.0	13.00
## 450 2012-03-25 1532	NO	NO	2	12.0	12.0	88.0	16.00

## 451 2012-03-26 795	NO	YES	1	13.5	13.5	32.5	30.00
## 452 2012-03-27 531	NO	YES	1	7.0	5.0	31.0	13.00
## 453 2012-03-28 674	NO	YES	1	18.0	18.0	46.0	20.00
## 454 2012-03-29 834	NO	YES	1	15.5	15.5	44.0	20.00
## 455 2012-03-30 796	NO	YES	2	9.5	8.5	57.5	10.00
## 456 2012-03-31 2301	NO	NO	2	11.0	11.0	76.0	17.00
## 457 2012-04-01 2347	NO	NO	2	12.5	12.5	71.5	11.00
## 458 2012-04-02 1208	NO	YES	1	13.0	13.0	44.0	20.00
## 459 2012-04-03 1348	NO	YES	1	15.5	15.5	42.0	6.00
## 460 2012-04-04 1058	NO	YES	1	19.0	19.0	46.0	13.00
## 461 2012-04-05 1192	NO	YES	1	12.0	12.0	38.0	13.00
## 462 2012-04-06 1807	NO	YES	1	11.5	11.5	35.0	21.00
## 463 2012-04-07 3252	NO	NO	1	13.5	13.5	23.5	17.00
## 464 2012-04-08 2230	NO	NO	1	16.0	16.0	25.5	15.00
## 465 2012-04-09 905	NO	YES	1	14.5	14.5	31.0	24.00
## 466 2012-04-10 819	NO	YES	1	12.5	12.5	37.5	14.00
## 467 2012-04-11 482	NO	YES	1	8.0	5.0	49.0	20.00
## 468 2012-04-12 663	NO	YES	1	12.0	12.0	39.5	19.00
## 469 2012-04-13 1252	NO	YES	1	13.0	13.0	39.5	11.00
## 470 2012-04-14 2795	NO	NO	1	18.0	18.0	52.0	11.00
## 471 2012-04-15 2846	NO	NO	1	22.5	22.5	51.0	17.00
## 472 2012-04-16 1198	YES	YES	1	24.5	24.5	55.5	17.00
## 473 2012-04-17 989	NO	YES	1	21.0	21.0	32.5	17.00
## 474 2012-04-18 347	NO	YES	2	14.0	14.0	55.0	13.00
## 475 2012-04-19 846	NO	YES	1	16.5	16.5	61.0	6.00

## 476 2012-04-20 1340	NO	YES	1	17.5	17.5	70.5	13.00
## 477 2012-04-21 2541	NO	NO	1	17.0	17.0	77.5	18.00
## 478 2012-04-22 120	NO	NO	3	10.0	7.0	82.0	23.00
## 479 2012-04-23 195	NO	YES	2	7.0	4.0	76.0	22.00
## 480 2012-04-24 518	NO	YES	1	13.0	13.0	37.0	16.00
## 481 2012-04-25 655	NO	YES	1	16.5	16.5	46.5	6.00
## 482 2012-04-26 475	NO	YES	2	16.0	16.0	80.0	12.00
## 483 2012-04-27 1014	NO	YES	1	13.0	13.0	38.0	23.00
## 484 2012-04-28 1120	NO	NO	2	10.0	8.5	46.5	9.00
## 485 2012-04-29 2229	NO	NO	1	14.5	14.5	55.0	9.00
## 486 2012-04-30 665	NO	YES	2	13.0	13.0	56.0	11.00
## 487 2012-05-01 653	NO	YES	2	22.5	22.5	65.0	9.00
## 488 2012-05-02 667	NO	YES	1	19.0	19.0	83.0	12.00
## 489 2012-05-03 764	NO	YES	2	20.0	20.0	78.0	9.00
## 490 2012-05-04 1069	NO	YES	1	21.5	21.5	78.0	8.00
## 491 2012-05-05 2496	NO	NO	2	21.0	21.0	78.0	9.00
## 492 2012-05-06 2135	NO	NO	2	18.5	18.5	75.0	11.00
## 493 2012-05-07 1008	NO	YES	2	18.0	18.0	62.0	15.00
## 494 2012-05-08 738	NO	YES	2	21.0	21.0	69.0	19.00
## 495 2012-05-09 620	NO	YES	2	19.0	19.0	80.0	13.00
## 496 2012-05-10 1026	NO	YES	1	16.0	16.0	49.0	23.00
## 497 2012-05-11 1319	NO	YES	1	18.5	18.5	36.0	17.00
## 498 2012-05-12 2622	NO	NO	1	19.5	19.5	49.0	9.00
## 499 2012-05-13 2172	NO	NO	1	22.0	22.0	57.0	14.00
## 500 2012-05-14 342	NO	YES	2	20.0	20.0	83.0	15.00

## 501 2012-05-15 625	NO	YES	2	21.5	21.5	78.0	9.00
## 502 2012-05-16 991	NO	YES	1	23.0	23.0	74.0	9.00
## 503 2012-05-17 1242	NO	YES	1	21.0	21.0	49.0	13.00
## 504 2012-05-18 1521	NO	YES	1	20.0	20.0	47.5	9.00
## 505 2012-05-19 3410	NO	NO	1	21.5	21.0	45.0	6.00
## 506 2012-05-20 2704	NO	NO	1	23.0	23.0	52.0	22.00
## 507 2012-05-21 630	NO	YES	2	21.0	21.0	83.0	17.00
## 508 2012-05-22 819	NO	YES	2	22.0	22.0	78.0	7.00
## 509 2012-05-23 766	NO	YES	2	22.0	22.0	83.0	7.00
## 510 2012-05-24 1059	NO	YES	1	23.0	23.0	73.0	11.00
## 511 2012-05-25 1417	NO	YES	1	24.5	25.5	78.5	9.00
## 512 2012-05-26 2855	NO	NO	1	26.0	27.0	74.0	13.00
## 513 2012-05-27 3283	NO	NO	1	24.0	24.5	74.0	15.00
## 514 2012-05-28 2557	YES	YES	1	27.0	29.0	66.0	11.00
## 515 2012-05-29 880	NO	YES	1	26.0	28.0	70.0	20.00
## 516 2012-05-30 745	NO	YES	2	23.0	24.0	69.0	9.00
## 517 2012-05-31 1100	NO	YES	1	24.0	24.0	47.0	13.00
## 518 2012-06-01 533	NO	YES	2	23.0	23.0	78.0	15.00
## 519 2012-06-02 2795	NO	NO	1	20.0	20.0	49.0	13.00
## 520 2012-06-03 2494	NO	NO	1	22.0	21.0	45.0	12.00
## 521 2012-06-04 1071	NO	YES	1	21.0	21.0	46.5	20.00
## 522 2012-06-05 968	NO	YES	2	18.0	18.0	56.0	13.00
## 523 2012-06-06 1027	NO	YES	1	18.0	18.0	68.0	6.00
## 524 2012-06-07 1038	NO	YES	1	21.0	21.0	49.5	11.00
## 525 2012-06-08 1488	NO	YES	1	24.5	24.5	44.5	11.00

## 526 2012-06-09 2708	NO	NO	1	26.0	26.5	50.5	11.00
## 527 2012-06-10 2224	NO	NO	1	27.0	28.0	58.0	8.00
## 528 2012-06-11 1017	NO	YES	2	27.0	28.0	58.0	13.00
## 529 2012-06-12 477	NO	YES	2	24.0	25.0	88.0	13.00
## 530 2012-06-13 1173	NO	YES	1	23.0	23.0	51.5	26.00
## 531 2012-06-14 1180	NO	YES	1	23.0	23.0	57.0	17.00
## 532 2012-06-15 1563	NO	YES	1	23.0	23.0	53.0	11.00
## 533 2012-06-16 2963	NO	NO	1	22.5	22.5	51.5	12.00
## 534 2012-06-17 2634	NO	NO	1	20.5	20.5	58.5	11.00
## 535 2012-06-18 653	NO	YES	2	19.5	19.5	78.0	12.00
## 536 2012-06-19 968	NO	YES	1	26.0	27.5	74.0	9.00
## 537 2012-06-20 872	NO	YES	1	32.0	33.0	52.0	7.00
## 538 2012-06-21 778	NO	YES	1	31.5	35.0	53.5	8.00
## 539 2012-06-22 964	NO	YES	1	29.0	32.0	58.0	11.00
## 540 2012-06-23 2657	NO	NO	1	28.0	28.0	45.5	13.00
## 541 2012-06-24 2551	NO	NO	1	29.0	29.0	51.0	9.00
## 542 2012-06-25 1139	NO	YES	1	26.0	27.0	45.0	20.00
## 543 2012-06-26 1077	NO	YES	1	22.5	21.5	35.5	24.00
## 544 2012-06-27 1077	NO	YES	1	26.5	26.5	38.0	19.50
## 545 2012-06-28 921	NO	YES	1	28.0	28.0	48.0	11.00
## 546 2012-06-29 829	NO	YES	1	33.0	38.5	52.0	13.00
## 547 2012-06-30 1455	NO	NO	1	30.0	33.0	62.0	10.00
## 548 2012-07-01 1421	NO	NO	1	32.0	33.0	44.0	9.00
## 549 2012-07-02 904	NO	YES	1	29.0	30.0	51.0	13.00
## 550 2012-07-03 1052	NO	YES	1	28.5	30.0	54.5	9.00

## 551 2012-07-04 2562	YES	YES	1	31.5	32.5	51.5	9.00
## 552 2012-07-05 1405	NO	YES	1	33.0	36.0	47.5	14.00
## 553 2012-07-06 1366	NO	YES	1	32.0	33.5	39.5	9.00
## 554 2012-07-07 1448	NO	NO	1	34.0	38.5	46.5	11.00
## 555 2012-07-08 1203	NO	NO	1	31.0	36.0	59.0	7.00
## 556 2012-07-09 998	NO	YES	2	26.0	28.0	65.0	11.00
## 557 2012-07-10 954	NO	YES	2	26.0	27.0	74.0	9.00
## 558 2012-07-11 975	NO	YES	1	27.0	28.0	58.0	10.00
## 559 2012-07-12 1032	NO	YES	1	27.0	27.0	51.0	9.00
## 560 2012-07-13 1511	NO	YES	2	28.0	28.0	48.0	7.00
## 561 2012-07-14 2355	NO	NO	2	26.0	28.0	74.0	7.00
## 562 2012-07-15 1920	NO	NO	1	27.0	30.0	79.0	9.00
## 563 2012-07-16 1088	NO	YES	1	29.0	31.5	64.0	8.00
## 564 2012-07-17 921	NO	YES	1	32.0	34.0	50.5	8.00
## 565 2012-07-18 799	NO	YES	1	29.0	31.0	62.0	9.00
## 566 2012-07-19 888	NO	YES	1	29.0	31.0	58.0	9.00
## 567 2012-07-20 747	NO	YES	2	24.0	25.0	83.5	11.00
## 568 2012-07-21 1264	NO	NO	3	21.0	21.0	88.0	17.00
## 569 2012-07-22 2544	NO	NO	2	24.0	24.0	74.0	7.00
## 570 2012-07-23 1135	NO	YES	1	28.5	31.0	62.0	9.00
## 571 2012-07-24 1140	NO	YES	1	28.0	30.5	64.0	14.00
## 572 2012-07-25 1383	NO	YES	1	27.0	27.0	41.0	11.00
## 573 2012-07-26 1036	NO	YES	1	27.5	30.0	65.5	17.00
## 574 2012-07-27 1259	NO	YES	1	30.0	33.0	59.0	10.00
## 575 2012-07-28 2234	NO	NO	1	28.0	30.0	66.0	11.00

## 576 2012-07-29 2153	NO	NO	1	27.0	28.5	65.5	11.00
## 577 2012-07-30 1040	NO	YES	1	27.0	29.0	70.0	11.00
## 578 2012-07-31 968	NO	YES	1	26.0	27.5	72.0	11.00
## 579 2012-08-01 1074	NO	YES	1	27.0	29.0	70.0	9.00
## 580 2012-08-02 983	NO	YES	1	29.0	32.0	66.0	8.00
## 581 2012-08-03 1328	NO	YES	2	29.0	32.5	66.0	15.00
## 582 2012-08-04 2345	NO	NO	1	30.5	34.5	62.5	17.00
## 583 2012-08-05 1707	NO	NO	1	28.0	31.0	70.0	17.00
## 584 2012-08-06 1233	NO	YES	2	28.0	31.0	70.0	9.00
## 585 2012-08-07 1278	NO	YES	2	27.0	30.0	70.0	9.00
## 586 2012-08-08 1263	NO	YES	2	28.0	30.5	66.0	8.00
## 587 2012-08-09 1196	NO	YES	1	27.0	29.0	58.0	11.00
## 588 2012-08-10 1065	NO	YES	2	27.0	29.0	70.0	19.00
## 589 2012-08-11 2247	NO	NO	2	24.0	25.0	78.0	13.00
## 590 2012-08-12 2182	NO	NO	1	26.0	26.0	51.0	9.00
## 591 2012-08-13 1207	NO	YES	1	27.5	28.5	60.0	7.00
## 592 2012-08-14 1128	NO	YES	1	27.0	29.0	70.0	13.00
## 593 2012-08-15 1198	NO	YES	1	26.0	27.0	61.0	13.00
## 594 2012-08-16 1338	NO	YES	1	27.5	28.0	49.5	11.00
## 595 2012-08-17 1483	NO	YES	1	25.5	26.0	58.0	14.00
## 596 2012-08-18 2827	NO	NO	1	24.0	24.0	61.0	13.00
## 597 2012-08-19 1208	NO	NO	2	23.0	23.0	73.0	7.00
## 598 2012-08-20 1026	NO	YES	2	22.0	22.0	78.0	8.00
## 599 2012-08-21 1081	NO	YES	1	23.0	23.0	74.0	3.00
## 600 2012-08-22 1094	NO	YES	1	23.0	23.5	74.0	0.00

## 601 2012-08-23 1363	NO	YES	1	26.0	27.0	61.0	6.00
## 602 2012-08-24 1325	NO	YES	2	26.0	27.0	61.5	3.00
## 603 2012-08-25 1829	NO	NO	2	24.0	24.0	74.0	18.00
## 604 2012-08-26 1483	NO	NO	2	23.0	24.0	89.0	15.00
## 605 2012-08-27 989	NO	YES	1	27.0	29.0	74.0	9.00
## 606 2012-08-28 935	NO	YES	1	26.5	27.5	56.0	12.00
## 607 2012-08-29 1177	NO	YES	1	24.5	24.5	54.0	9.00
## 608 2012-08-30 1172	NO	YES	1	26.5	27.5	61.5	6.50
## 609 2012-08-31 1433	NO	YES	1	29.0	31.0	62.0	11.00
## 610 2012-09-01 2352	NO	NO	2	29.0	31.0	60.0	8.00
## 611 2012-09-02 2613	NO	NO	2	26.0	27.5	84.0	6.00
## 612 2012-09-03 1965	YES	YES	1	26.0	28.0	83.0	9.00
## 613 2012-09-04 867	NO	YES	1	28.0	31.0	74.0	17.00
## 614 2012-09-05 832	NO	YES	1	27.0	30.0	74.0	13.00
## 615 2012-09-06 611	NO	YES	2	26.0	28.0	84.0	10.00
## 616 2012-09-07 1045	NO	YES	1	26.0	28.0	74.0	9.00
## 617 2012-09-08 1557	NO	NO	2	24.0	25.0	88.0	17.00
## 618 2012-09-09 2570	NO	NO	1	21.5	21.0	50.5	17.00
## 619 2012-09-10 1118	NO	YES	1	21.0	21.0	50.0	19.00
## 620 2012-09-11 1070	NO	YES	1	19.5	19.5	57.5	7.00
## 621 2012-09-12 1050	NO	YES	1	21.0	21.0	62.5	9.00
## 622 2012-09-13 1054	NO	YES	1	21.5	21.5	67.0	6.00
## 623 2012-09-14 1379	NO	YES	1	22.0	22.0	73.0	7.00
## 624 2012-09-15 3160	NO	NO	1	21.0	21.0	46.0	18.00
## 625 2012-09-16 2166	NO	NO	1	20.5	20.5	58.5	7.00



## 626 2012-09-17 1022	NO	YES	2	22.0	22.0	73.0	11.00
## 627 2012-09-18 371	NO	YES	2	22.0	23.0	88.0	21.00
## 628 2012-09-19 788	NO	YES	1	18.0	18.0	59.0	17.00
## 629 2012-09-20 939	NO	YES	1	19.0	19.0	63.5	7.00
## 630 2012-09-21 1250	NO	YES	1	21.0	21.0	69.0	12.00
## 631 2012-09-22 2512	NO	NO	1	23.0	23.0	58.0	19.00
## 632 2012-09-23 2454	NO	NO	1	17.0	17.0	47.5	16.00
## 633 2012-09-24 1001	NO	YES	1	16.5	16.5	52.0	9.00
## 634 2012-09-25 845	NO	YES	1	21.0	21.0	57.0	17.00
## 635 2012-09-26 787	NO	YES	1	22.0	22.0	64.0	17.00
## 636 2012-09-27 751	NO	YES	2	21.0	21.0	78.0	6.00
## 637 2012-09-28 1045	NO	YES	2	21.9	22.5	68.6	10.72
## 638 2012-09-29 2589	NO	NO	1	17.9	18.3	55.6	14.56
## 639 2012-09-30 2015	NO	NO	1	17.3	17.8	57.9	10.40
## 640 2012-10-01 763	NO	YES	2	17.1	16.9	65.1	6.24
## 641 2012-10-02 315	NO	YES	3	20.9	20.3	89.5	7.52
## 642 2012-10-03 728	NO	YES	2	23.3	24.2	83.0	4.64
## 643 2012-10-04 891	NO	YES	2	23.7	23.9	73.3	8.00
## 644 2012-10-05 1516	NO	YES	1	21.8	22.2	62.5	7.36
## 645 2012-10-06 3031	NO	NO	1	18.7	19.2	66.1	17.76
## 646 2012-10-07 781	NO	NO	2	11.6	11.1	73.2	10.08
## 647 2012-10-08 874	YES	YES	2	10.1	9.7	71.8	12.64
## 648 2012-10-09 601	NO	YES	2	12.8	13.3	77.1	12.96
## 649 2012-10-10 780	NO	YES	1	16.0	17.2	69.6	10.40
## 650 2012-10-11 834	NO	YES	1	12.9	13.3	45.6	12.96

## 651 2012-10-12 1060	NO	YES	1	12.9	13.6	54.0	15.68
## 652 2012-10-13 2252	NO	NO	1	10.6	10.6	50.0	10.88
## 653 2012-10-14 2080	NO	NO	1	17.2	17.5	63.6	18.40
## 654 2012-10-15 760	NO	YES	2	19.4	18.1	71.6	18.72
## 655 2012-10-16 922	NO	YES	1	14.4	14.4	55.8	12.00
## 656 2012-10-17 979	NO	YES	1	14.0	14.7	68.3	6.72
## 657 2012-10-18 1008	NO	YES	2	16.9	16.9	72.8	15.68
## 658 2012-10-19 753	NO	YES	2	19.3	19.2	82.1	9.28
## 659 2012-10-20 2806	NO	NO	1	15.3	15.3	57.2	8.80
## 660 2012-10-21 2132	NO	NO	1	14.2	14.4	51.1	11.04
## 661 2012-10-22 830	NO	YES	1	15.6	15.8	55.3	5.92
## 662 2012-10-23 841	NO	YES	1	18.7	18.1	62.9	6.08
## 663 2012-10-24 795	NO	YES	1	20.4	21.7	63.4	4.80
## 664 2012-10-25 875	NO	YES	2	18.2	19.4	81.4	9.28
## 665 2012-10-26 1182	NO	YES	2	18.2	19.2	81.4	9.28
## 666 2012-10-27 2643	NO	NO	2	17.3	18.1	72.2	15.84
## 667 2012-10-28 998	NO	NO	2	14.7	14.4	69.3	26.88
## 668 2012-10-29 2	NO	YES	3	10.6	10.6	84.5	40.16
## 669 2012-10-30 87	NO	YES	2	6.3	6.7	85.6	21.12
## 670 2012-10-31 419	NO	YES	2	8.8	8.9	68.7	10.88
## 671 2012-11-01 466	NO	YES	2	9.3	8.6	57.8	10.24
## 672 2012-11-02 618	NO	YES	1	8.8	8.9	52.2	18.40
## 673 2012-11-03 1029	NO	NO	2	8.2	8.1	50.0	18.24
## 674 2012-11-04 1201	NO	NO	1	7.2	7.5	54.1	12.32
## 675 2012-11-05 378	NO	YES	1	6.8	6.7	49.6	15.52

## 676 2012-11-06 466	NO	YES	1	5.1	5.0	57.3	12.00
## 677 2012-11-07 326	NO	YES	2	5.7	5.6	55.7	20.32
## 678 2012-11-08 340	NO	YES	1	8.4	9.2	34.6	23.84
## 679 2012-11-09 709	NO	YES	1	9.1	8.9	55.8	13.76
## 680 2012-11-10 2090	NO	NO	1	10.5	10.6	64.9	3.84
## 681 2012-11-11 2290	NO	NO	1	12.2	13.6	66.0	8.64
## 682 2012-11-12 1097	YES	YES	1	15.6	15.6	74.3	12.32
## 683 2012-11-13 327	NO	YES	2	7.8	8.9	69.9	22.88
## 684 2012-11-14 373	NO	YES	1	5.4	5.6	56.0	12.96
## 685 2012-11-15 320	NO	YES	2	7.1	6.9	61.9	10.24
## 686 2012-11-16 484	NO	YES	1	8.2	8.9	52.7	11.52
## 687 2012-11-17 1313	NO	NO	1	7.3	7.2	54.9	12.00
## 688 2012-11-18 922	NO	NO	1	8.2	8.3	69.7	15.36
## 689 2012-11-19 449	NO	YES	2	9.9	10.3	62.9	15.04
## 690 2012-11-20 534	NO	YES	2	9.7	10.6	69.2	5.44
## 691 2012-11-21 615	NO	YES	1	8.7	9.2	61.3	7.20
## 692 2012-11-22 955	YES	YES	1	7.9	8.6	58.4	3.52
## 693 2012-11-23 1603	NO	YES	1	9.7	9.2	55.9	10.72
## 694 2012-11-24 532	NO	NO	1	4.6	5.3	41.1	24.64
## 695 2012-11-25 309	NO	NO	1	3.2	3.6	48.8	9.76
## 696 2012-11-26 337	NO	YES	1	6.9	6.7	53.6	3.36
## 697 2012-11-27 123	NO	YES	2	5.5	5.0	80.1	16.48
## 698 2012-11-28 198	NO	YES	1	5.8	6.1	49.8	13.60
## 699 2012-11-29 243	NO	YES	1	7.0	5.5	46.5	10.00
## 700 2012-11-30 362	NO	YES	1	2.0	2.0	76.0	0.00

## 701 2012-12-01 951	NO	NO	2	5.7	5.0	81.9	4.80
## 702 2012-12-02 892	NO	NO	2	12.0	12.0	82.0	9.00
## 703 2012-12-03 555	NO	YES	1	15.5	15.5	72.5	7.00
## 704 2012-12-04 551	NO	YES	1	15.0	15.0	68.0	13.00
## 705 2012-12-05 331	NO	YES	1	13.0	13.0	47.0	19.00
## 706 2012-12-06 340	NO	YES	1	3.0	2.5	52.0	12.00
## 707 2012-12-07 349	NO	YES	2	7.5	5.5	76.0	9.00
## 708 2012-12-08 1153	NO	NO	2	10.0	9.5	94.0	7.00
## 709 2012-12-09 441	NO	NO	2	11.0	11.0	88.0	9.00
## 710 2012-12-10 329	NO	YES	2	13.0	13.0	94.0	15.00
## 711 2012-12-11 282	NO	YES	2	8.0	5.0	60.0	21.00
## 712 2012-12-12 310	NO	YES	2	6.0	3.0	55.0	14.00
## 713 2012-12-13 425	NO	YES	1	5.0	4.0	53.0	13.00
## 714 2012-12-14 429	NO	YES	1	5.0	4.0	70.0	7.00
## 715 2012-12-15 767	NO	NO	1	9.0	7.0	62.0	7.00
## 716 2012-12-16 538	NO	NO	2	9.0	8.0	87.0	7.00
## 717 2012-12-17 212	NO	YES	2	11.0	11.0	91.0	7.00
## 718 2012-12-18 433	NO	YES	1	11.5	11.5	62.0	14.00
## 719 2012-12-19 333	NO	YES	1	7.0	5.0	62.0	9.00
## 720 2012-12-20 314	NO	YES	2	8.0	6.0	71.0	11.00
## 721 2012-12-21 221	NO	YES	2	7.0	3.0	45.0	26.00
## 722 2012-12-22 205	NO	NO	1	4.0	1.0	45.0	28.00
## 723 2012-12-23 408	NO	NO	1	3.0	3.0	51.0	9.00
## 724 2012-12-24 174	NO	YES	2	3.0	1.0	80.0	6.00
## 725 2012-12-25 440	YES	YES	2	5.5	3.5	73.5	11.00

## 726	2012-12-26	NO	YES	3	2.5	3.0	87.0	22.00
9								
## 727	2012-12-27	NO	YES	2	3.0	1.0	60.0	21.00
247								
## 728	2012-12-28	NO	YES	2	3.0	1.0	60.0	9.00
644								
## 729	2012-12-29	NO	NO	2	3.0	2.0	75.0	6.00
159								
## 730	2012-12-30	NO	NO	1	4.0	1.0	51.0	24.00
364								
## 731	2012-12-31	NO	YES	2	3.0	2.0	59.0	11.00
439								

##	REGISTERED	COUNT	date	MONTH
## 1	654	985	2011-01-01	January
## 2	670	801	2011-01-02	January
## 3	1229	1349	2011-01-03	January
## 4	1454	1562	2011-01-04	January
## 5	1518	1600	2011-01-05	January
## 6	1518	1606	2011-01-06	January
## 7	1362	1510	2011-01-07	January
## 8	891	959	2011-01-08	January
## 9	768	822	2011-01-09	January
## 10	1280	1321	2011-01-10	January
## 11	1220	1263	2011-01-11	January
## 12	1137	1162	2011-01-12	January
## 13	1368	1406	2011-01-13	January
## 14	1367	1421	2011-01-14	January
## 15	1026	1248	2011-01-15	January
## 16	953	1204	2011-01-16	January
## 17	883	1000	2011-01-17	January
## 18	674	683	2011-01-18	January
## 19	1572	1650	2011-01-19	January
## 20	1844	1927	2011-01-20	January
## 21	1468	1543	2011-01-21	January
## 22	888	981	2011-01-22	January
## 23	836	986	2011-01-23	January
## 24	1330	1416	2011-01-24	January
## 25	1799	1985	2011-01-25	January
## 26	472	506	2011-01-26	January
## 27	416	431	2011-01-27	January
## 28	1129	1167	2011-01-28	January
## 29	975	1098	2011-01-29	January
## 30	956	1096	2011-01-30	January
## 31	1459	1501	2011-01-31	January
## 32	1313	1360	2011-02-01	February
## 33	1454	1526	2011-02-02	February
## 34	1489	1550	2011-02-03	February
## 35	1620	1708	2011-02-04	February
## 36	905	1005	2011-02-05	February
## 37	1269	1623	2011-02-06	February

## 38	1592	1712	2011-02-07	February
## 39	1466	1530	2011-02-08	February
## 40	1552	1605	2011-02-09	February
## 41	1491	1538	2011-02-10	February
## 42	1597	1746	2011-02-11	February
## 43	1184	1472	2011-02-12	February
## 44	1192	1589	2011-02-13	February
## 45	1705	1913	2011-02-14	February
## 46	1675	1815	2011-02-15	February
## 47	1897	2115	2011-02-16	February
## 48	2216	2475	2011-02-17	February
## 49	2348	2927	2011-02-18	February
## 50	1103	1635	2011-02-19	February
## 51	1173	1812	2011-02-20	February
## 52	912	1107	2011-02-21	February
## 53	1376	1450	2011-02-22	February
## 54	1778	1917	2011-02-23	February
## 55	1707	1807	2011-02-24	February
## 56	1341	1461	2011-02-25	February
## 57	1545	1969	2011-02-26	February
## 58	1708	2402	2011-02-27	February
## 59	1365	1446	2011-02-28	February
## 60	1714	1851	2011-03-01	March
## 61	1903	2134	2011-03-02	March
## 62	1562	1685	2011-03-03	March
## 63	1730	1944	2011-03-04	March
## 64	1437	2077	2011-03-05	March
## 65	491	605	2011-03-06	March
## 66	1628	1872	2011-03-07	March
## 67	1817	2133	2011-03-08	March
## 68	1700	1891	2011-03-09	March
## 69	577	623	2011-03-10	March
## 70	1730	1977	2011-03-11	March
## 71	1408	2132	2011-03-12	March
## 72	1435	2417	2011-03-13	March
## 73	1687	2046	2011-03-14	March
## 74	1767	2056	2011-03-15	March
## 75	1871	2192	2011-03-16	March
## 76	2320	2744	2011-03-17	March
## 77	2355	3239	2011-03-18	March
## 78	1693	3117	2011-03-19	March
## 79	1424	2471	2011-03-20	March
## 80	1676	2077	2011-03-21	March
## 81	2243	2703	2011-03-22	March
## 82	1918	2121	2011-03-23	March
## 83	1699	1865	2011-03-24	March
## 84	1910	2210	2011-03-25	March
## 85	1515	2496	2011-03-26	March
## 86	1221	1693	2011-03-27	March
## 87	1806	2028	2011-03-28	March

## 88	2108	2425	2011-03-29	March
## 89	1368	1536	2011-03-30	March
## 90	1506	1685	2011-03-31	March
## 91	1920	2227	2011-04-01	April
## 92	1354	2252	2011-04-02	April
## 93	1598	3249	2011-04-03	April
## 94	2381	3115	2011-04-04	April
## 95	1628	1795	2011-04-05	April
## 96	2395	2808	2011-04-06	April
## 97	2570	3141	2011-04-07	April
## 98	1299	1471	2011-04-08	April
## 99	1576	2455	2011-04-09	April
## 100	1707	2895	2011-04-10	April
## 101	2493	3348	2011-04-11	April
## 102	1777	2034	2011-04-12	April
## 103	1953	2162	2011-04-13	April
## 104	2738	3267	2011-04-14	April
## 105	2484	3126	2011-04-15	April
## 106	674	795	2011-04-16	April
## 107	2186	3744	2011-04-17	April
## 108	2760	3429	2011-04-18	April
## 109	2795	3204	2011-04-19	April
## 110	3331	3944	2011-04-20	April
## 111	3444	4189	2011-04-21	April
## 112	1506	1683	2011-04-22	April
## 113	2574	4036	2011-04-23	April
## 114	2481	4191	2011-04-24	April
## 115	3300	4073	2011-04-25	April
## 116	3722	4400	2011-04-26	April
## 117	3325	3872	2011-04-27	April
## 118	3489	4058	2011-04-28	April
## 119	3717	4595	2011-04-29	April
## 120	3347	5312	2011-04-30	April
## 121	2213	3351	2011-05-01	May
## 122	3554	4401	2011-05-02	May
## 123	3848	4451	2011-05-03	May
## 124	2378	2633	2011-05-04	May
## 125	3819	4433	2011-05-05	May
## 126	3714	4608	2011-05-06	May
## 127	3102	4714	2011-05-07	May
## 128	2932	4333	2011-05-08	May
## 129	3698	4362	2011-05-09	May
## 130	4109	4803	2011-05-10	May
## 131	3632	4182	2011-05-11	May
## 132	4169	4864	2011-05-12	May
## 133	3413	4105	2011-05-13	May
## 134	2507	3409	2011-05-14	May
## 135	2971	4553	2011-05-15	May
## 136	3185	3958	2011-05-16	May
## 137	3445	4123	2011-05-17	May

## 138	3319	3855	2011-05-18	May
## 139	3840	4575	2011-05-19	May
## 140	4008	4917	2011-05-20	May
## 141	3547	5805	2011-05-21	May
## 142	3084	4660	2011-05-22	May
## 143	3438	4274	2011-05-23	May
## 144	3833	4492	2011-05-24	May
## 145	4238	4978	2011-05-25	May
## 146	3919	4677	2011-05-26	May
## 147	3808	4679	2011-05-27	May
## 148	2757	4758	2011-05-28	May
## 149	2433	4788	2011-05-29	May
## 150	2549	4098	2011-05-30	May
## 151	3309	3982	2011-05-31	May
## 152	3461	3974	2011-06-01	June
## 153	4232	4968	2011-06-02	June
## 154	4414	5312	2011-06-03	June
## 155	3473	5342	2011-06-04	June
## 156	3221	4906	2011-06-05	June
## 157	3875	4548	2011-06-06	June
## 158	4070	4833	2011-06-07	June
## 159	3725	4401	2011-06-08	June
## 160	3352	3915	2011-06-09	June
## 161	3771	4586	2011-06-10	June
## 162	3237	4966	2011-06-11	June
## 163	2993	4460	2011-06-12	June
## 164	4157	5020	2011-06-13	June
## 165	4164	4891	2011-06-14	June
## 166	4411	5180	2011-06-15	June
## 167	3222	3767	2011-06-16	June
## 168	3981	4844	2011-06-17	June
## 169	3312	5119	2011-06-18	June
## 170	3105	4744	2011-06-19	June
## 171	3311	4010	2011-06-20	June
## 172	4061	4835	2011-06-21	June
## 173	3846	4507	2011-06-22	June
## 174	4044	4790	2011-06-23	June
## 175	4022	4991	2011-06-24	June
## 176	3420	5202	2011-06-25	June
## 177	3385	5305	2011-06-26	June
## 178	3854	4708	2011-06-27	June
## 179	3916	4648	2011-06-28	June
## 180	4377	5225	2011-06-29	June
## 181	4488	5515	2011-06-30	June
## 182	4116	5362	2011-07-01	July
## 183	2915	5119	2011-07-02	July
## 184	2367	4649	2011-07-03	July
## 185	2978	6043	2011-07-04	July
## 186	3634	4665	2011-07-05	July
## 187	3845	4629	2011-07-06	July



## 188	3838	4592	2011-07-07	July
## 189	3348	4040	2011-07-08	July
## 190	3348	5336	2011-07-09	July
## 191	3138	4881	2011-07-10	July
## 192	3363	4086	2011-07-11	July
## 193	3596	4258	2011-07-12	July
## 194	3594	4342	2011-07-13	July
## 195	4196	5084	2011-07-14	July
## 196	4220	5538	2011-07-15	July
## 197	3505	5923	2011-07-16	July
## 198	3296	5302	2011-07-17	July
## 199	3617	4458	2011-07-18	July
## 200	3789	4541	2011-07-19	July
## 201	3688	4332	2011-07-20	July
## 202	3152	3784	2011-07-21	July
## 203	2825	3387	2011-07-22	July
## 204	2298	3285	2011-07-23	July
## 205	2556	3606	2011-07-24	July
## 206	3272	3840	2011-07-25	July
## 207	3840	4590	2011-07-26	July
## 208	3901	4656	2011-07-27	July
## 209	3784	4390	2011-07-28	July
## 210	3176	3846	2011-07-29	July
## 211	2916	4475	2011-07-30	July
## 212	2778	4302	2011-07-31	July
## 213	3537	4266	2011-08-01	August
## 214	4044	4845	2011-08-02	August
## 215	3107	3574	2011-08-03	August
## 216	3777	4576	2011-08-04	August
## 217	3843	4866	2011-08-05	August
## 218	2773	4294	2011-08-06	August
## 219	2487	3785	2011-08-07	August
## 220	3480	4326	2011-08-08	August
## 221	3695	4602	2011-08-09	August
## 222	3896	4780	2011-08-10	August
## 223	3980	4792	2011-08-11	August
## 224	3854	4905	2011-08-12	August
## 225	2646	4150	2011-08-13	August
## 226	2482	3820	2011-08-14	August
## 227	3563	4338	2011-08-15	August
## 228	4004	4725	2011-08-16	August
## 229	4026	4694	2011-08-17	August
## 230	3166	3805	2011-08-18	August
## 231	3356	4153	2011-08-19	August
## 232	3277	5191	2011-08-20	August
## 233	2624	3873	2011-08-21	August
## 234	3925	4758	2011-08-22	August
## 235	4614	5895	2011-08-23	August
## 236	4181	5130	2011-08-24	August
## 237	3107	3542	2011-08-25	August

## 238	3893	4661	2011-08-26	August
## 239	889	1115	2011-08-27	August
## 240	2919	4334	2011-08-28	August
## 241	3905	4634	2011-08-29	August
## 242	4429	5204	2011-08-30	August
## 243	4370	5058	2011-08-31	August
## 244	4332	5115	2011-09-01	September
## 245	3852	4727	2011-09-02	September
## 246	2549	4484	2011-09-03	September
## 247	2419	4940	2011-09-04	September
## 248	2115	3351	2011-09-05	September
## 249	2506	2710	2011-09-06	September
## 250	1878	1996	2011-09-07	September
## 251	1689	1842	2011-09-08	September
## 252	3127	3544	2011-09-09	September
## 253	3595	5345	2011-09-10	September
## 254	3413	5046	2011-09-11	September
## 255	4023	4713	2011-09-12	September
## 256	4062	4763	2011-09-13	September
## 257	4138	4785	2011-09-14	September
## 258	3231	3659	2011-09-15	September
## 259	4018	4760	2011-09-16	September
## 260	3077	4511	2011-09-17	September
## 261	2921	4274	2011-09-18	September
## 262	3848	4539	2011-09-19	September
## 263	3203	3641	2011-09-20	September
## 264	3813	4352	2011-09-21	September
## 265	4240	4795	2011-09-22	September
## 266	2137	2395	2011-09-23	September
## 267	3647	5423	2011-09-24	September
## 268	3466	5010	2011-09-25	September
## 269	3946	4630	2011-09-26	September
## 270	3643	4120	2011-09-27	September
## 271	3427	3907	2011-09-28	September
## 272	4186	4839	2011-09-29	September
## 273	4372	5202	2011-09-30	September
## 274	1949	2429	2011-10-01	October
## 275	2302	2918	2011-10-02	October
## 276	3240	3570	2011-10-03	October
## 277	3970	4456	2011-10-04	October
## 278	4267	4826	2011-10-05	October
## 279	4126	4765	2011-10-06	October
## 280	4036	4985	2011-10-07	October
## 281	3174	5409	2011-10-08	October
## 282	3114	5511	2011-10-09	October
## 283	3603	5117	2011-10-10	October
## 284	3896	4563	2011-10-11	October
## 285	2199	2416	2011-10-12	October
## 286	2623	2913	2011-10-13	October
## 287	3115	3644	2011-10-14	October

## 288	3318	5217	2011-10-15	October
## 289	3293	5041	2011-10-16	October
## 290	3857	4570	2011-10-17	October
## 291	4111	4748	2011-10-18	October
## 292	2170	2424	2011-10-19	October
## 293	3724	4195	2011-10-20	October
## 294	3628	4304	2011-10-21	October
## 295	2809	4308	2011-10-22	October
## 296	2762	4381	2011-10-23	October
## 297	3488	4187	2011-10-24	October
## 298	3992	4687	2011-10-25	October
## 299	3490	3894	2011-10-26	October
## 300	2419	2659	2011-10-27	October
## 301	3291	3747	2011-10-28	October
## 302	570	627	2011-10-29	October
## 303	2446	3331	2011-10-30	October
## 304	3307	3669	2011-10-31	October
## 305	3658	4068	2011-11-01	November
## 306	3816	4186	2011-11-02	November
## 307	3656	3974	2011-11-03	November
## 308	3576	4046	2011-11-04	November
## 309	2770	3926	2011-11-05	November
## 310	2697	3649	2011-11-06	November
## 311	3662	4035	2011-11-07	November
## 312	3829	4205	2011-11-08	November
## 313	3804	4109	2011-11-09	November
## 314	2743	2933	2011-11-10	November
## 315	2928	3368	2011-11-11	November
## 316	2792	4067	2011-11-12	November
## 317	2713	3717	2011-11-13	November
## 318	3891	4486	2011-11-14	November
## 319	3746	4195	2011-11-15	November
## 320	1672	1817	2011-11-16	November
## 321	2914	3053	2011-11-17	November
## 322	3147	3392	2011-11-18	November
## 323	2720	3663	2011-11-19	November
## 324	2733	3520	2011-11-20	November
## 325	2545	2765	2011-11-21	November
## 326	1538	1607	2011-11-22	November
## 327	2454	2566	2011-11-23	November
## 328	935	1495	2011-11-24	November
## 329	1697	2792	2011-11-25	November
## 330	1819	3068	2011-11-26	November
## 331	2261	3071	2011-11-27	November
## 332	3614	3867	2011-11-28	November
## 333	2818	2914	2011-11-29	November
## 334	3425	3613	2011-11-30	November
## 335	3545	3727	2011-12-01	December
## 336	3672	3940	2011-12-02	December
## 337	2908	3614	2011-12-03	December

## 338	2851	3485	2011-12-04	December
## 339	3578	3811	2011-12-05	December
## 340	2468	2594	2011-12-06	December
## 341	655	705	2011-12-07	December
## 342	3172	3322	2011-12-08	December
## 343	3359	3620	2011-12-09	December
## 344	2688	3190	2011-12-10	December
## 345	2366	2743	2011-12-11	December
## 346	3167	3310	2011-12-12	December
## 347	3368	3523	2011-12-13	December
## 348	3562	3740	2011-12-14	December
## 349	3528	3709	2011-12-15	December
## 350	3399	3577	2011-12-16	December
## 351	2464	2739	2011-12-17	December
## 352	2211	2431	2011-12-18	December
## 353	3143	3403	2011-12-19	December
## 354	3534	3750	2011-12-20	December
## 355	2553	2660	2011-12-21	December
## 356	2841	3068	2011-12-22	December
## 357	2046	2209	2011-12-23	December
## 358	856	1011	2011-12-24	December
## 359	451	754	2011-12-25	December
## 360	887	1317	2011-12-26	December
## 361	1059	1162	2011-12-27	December
## 362	2047	2302	2011-12-28	December
## 363	2169	2423	2011-12-29	December
## 364	2508	2999	2011-12-30	December
## 365	1820	2485	2011-12-31	December
## 366	1608	2294	2012-01-01	January
## 367	1707	1951	2012-01-02	January
## 368	2147	2236	2012-01-03	January
## 369	2273	2368	2012-01-04	January
## 370	3132	3272	2012-01-05	January
## 371	3791	4098	2012-01-06	January
## 372	3451	4521	2012-01-07	January
## 373	2826	3425	2012-01-08	January
## 374	2270	2376	2012-01-09	January
## 375	3425	3598	2012-01-10	January
## 376	2085	2177	2012-01-11	January
## 377	3828	4097	2012-01-12	January
## 378	3040	3214	2012-01-13	January
## 379	2160	2493	2012-01-14	January
## 380	2027	2311	2012-01-15	January
## 381	2081	2298	2012-01-16	January
## 382	2808	2935	2012-01-17	January
## 383	3267	3376	2012-01-18	January
## 384	3162	3292	2012-01-19	January
## 385	3048	3163	2012-01-20	January
## 386	1234	1301	2012-01-21	January
## 387	1781	1977	2012-01-22	January

## 388	2287	2432	2012-01-23	January
## 389	3900	4339	2012-01-24	January
## 390	3803	4270	2012-01-25	January
## 391	3831	4075	2012-01-26	January
## 392	3187	3456	2012-01-27	January
## 393	3248	4023	2012-01-28	January
## 394	2685	3243	2012-01-29	January
## 395	3498	3624	2012-01-30	January
## 396	4185	4509	2012-01-31	January
## 397	4275	4579	2012-02-01	February
## 398	3571	3761	2012-02-02	February
## 399	3841	4151	2012-02-03	February
## 400	2448	2832	2012-02-04	February
## 401	2629	2947	2012-02-05	February
## 402	3578	3784	2012-02-06	February
## 403	4176	4375	2012-02-07	February
## 404	2693	2802	2012-02-08	February
## 405	3667	3830	2012-02-09	February
## 406	3604	3831	2012-02-10	February
## 407	1977	2169	2012-02-11	February
## 408	1456	1529	2012-02-12	February
## 409	3328	3422	2012-02-13	February
## 410	3787	3922	2012-02-14	February
## 411	4028	4169	2012-02-15	February
## 412	2931	3005	2012-02-16	February
## 413	3805	4154	2012-02-17	February
## 414	2883	4318	2012-02-18	February
## 415	2071	2689	2012-02-19	February
## 416	2627	3129	2012-02-20	February
## 417	3614	3777	2012-02-21	February
## 418	4379	4773	2012-02-22	February
## 419	4546	5062	2012-02-23	February
## 420	3241	3487	2012-02-24	February
## 421	2415	2732	2012-02-25	February
## 422	2874	3389	2012-02-26	February
## 423	4069	4322	2012-02-27	February
## 424	4134	4363	2012-02-28	February
## 425	1769	1834	2012-02-29	February
## 426	4665	4990	2012-03-01	March
## 427	2948	3194	2012-03-02	March
## 428	3110	4066	2012-03-03	March
## 429	2713	3423	2012-03-04	March
## 430	3130	3333	2012-03-05	March
## 431	3735	3956	2012-03-06	March
## 432	4484	4916	2012-03-07	March
## 433	4896	5382	2012-03-08	March
## 434	4122	4569	2012-03-09	March
## 435	3150	4118	2012-03-10	March
## 436	3253	4911	2012-03-11	March
## 437	4460	5298	2012-03-12	March

## 438	5085	5847	2012-03-13	March
## 439	5315	6312	2012-03-14	March
## 440	5187	6192	2012-03-15	March
## 441	3830	4378	2012-03-16	March
## 442	4681	7836	2012-03-17	March
## 443	3685	5892	2012-03-18	March
## 444	5171	6153	2012-03-19	March
## 445	5042	6093	2012-03-20	March
## 446	5108	6230	2012-03-21	March
## 447	5537	6871	2012-03-22	March
## 448	5893	8362	2012-03-23	March
## 449	2339	3372	2012-03-24	March
## 450	3464	4996	2012-03-25	March
## 451	4763	5558	2012-03-26	March
## 452	4571	5102	2012-03-27	March
## 453	5024	5698	2012-03-28	March
## 454	5299	6133	2012-03-29	March
## 455	4663	5459	2012-03-30	March
## 456	3934	6235	2012-03-31	March
## 457	3694	6041	2012-04-01	April
## 458	4728	5936	2012-04-02	April
## 459	5424	6772	2012-04-03	April
## 460	5378	6436	2012-04-04	April
## 461	5265	6457	2012-04-05	April
## 462	4653	6460	2012-04-06	April
## 463	3605	6857	2012-04-07	April
## 464	2939	5169	2012-04-08	April
## 465	4680	5585	2012-04-09	April
## 466	5099	5918	2012-04-10	April
## 467	4380	4862	2012-04-11	April
## 468	4746	5409	2012-04-12	April
## 469	5146	6398	2012-04-13	April
## 470	4665	7460	2012-04-14	April
## 471	4286	7132	2012-04-15	April
## 472	5172	6370	2012-04-16	April
## 473	5702	6691	2012-04-17	April
## 474	4020	4367	2012-04-18	April
## 475	5719	6565	2012-04-19	April
## 476	5950	7290	2012-04-20	April
## 477	4083	6624	2012-04-21	April
## 478	907	1027	2012-04-22	April
## 479	3019	3214	2012-04-23	April
## 480	5115	5633	2012-04-24	April
## 481	5541	6196	2012-04-25	April
## 482	4551	5026	2012-04-26	April
## 483	5219	6233	2012-04-27	April
## 484	3100	4220	2012-04-28	April
## 485	4075	6304	2012-04-29	April
## 486	4907	5572	2012-04-30	April
## 487	5087	5740	2012-05-01	May

## 488	5502	6169	2012-05-02	May
## 489	5657	6421	2012-05-03	May
## 490	5227	6296	2012-05-04	May
## 491	4387	6883	2012-05-05	May
## 492	4224	6359	2012-05-06	May
## 493	5265	6273	2012-05-07	May
## 494	4990	5728	2012-05-08	May
## 495	4097	4717	2012-05-09	May
## 496	5546	6572	2012-05-10	May
## 497	5711	7030	2012-05-11	May
## 498	4807	7429	2012-05-12	May
## 499	3946	6118	2012-05-13	May
## 500	2501	2843	2012-05-14	May
## 501	4490	5115	2012-05-15	May
## 502	6433	7424	2012-05-16	May
## 503	6142	7384	2012-05-17	May
## 504	6118	7639	2012-05-18	May
## 505	4884	8294	2012-05-19	May
## 506	4425	7129	2012-05-20	May
## 507	3729	4359	2012-05-21	May
## 508	5254	6073	2012-05-22	May
## 509	4494	5260	2012-05-23	May
## 510	5711	6770	2012-05-24	May
## 511	5317	6734	2012-05-25	May
## 512	3681	6536	2012-05-26	May
## 513	3308	6591	2012-05-27	May
## 514	3486	6043	2012-05-28	May
## 515	4863	5743	2012-05-29	May
## 516	6110	6855	2012-05-30	May
## 517	6238	7338	2012-05-31	May
## 518	3594	4127	2012-06-01	June
## 519	5325	8120	2012-06-02	June
## 520	5147	7641	2012-06-03	June
## 521	5927	6998	2012-06-04	June
## 522	6033	7001	2012-06-05	June
## 523	6028	7055	2012-06-06	June
## 524	6456	7494	2012-06-07	June
## 525	6248	7736	2012-06-08	June
## 526	4790	7498	2012-06-09	June
## 527	4374	6598	2012-06-10	June
## 528	5647	6664	2012-06-11	June
## 529	4495	4972	2012-06-12	June
## 530	6248	7421	2012-06-13	June
## 531	6183	7363	2012-06-14	June
## 532	6102	7665	2012-06-15	June
## 533	4739	7702	2012-06-16	June
## 534	4344	6978	2012-06-17	June
## 535	4446	5099	2012-06-18	June
## 536	5857	6825	2012-06-19	June
## 537	5339	6211	2012-06-20	June

## 538	5127	5905	2012-06-21	June
## 539	4859	5823	2012-06-22	June
## 540	4801	7458	2012-06-23	June
## 541	4340	6891	2012-06-24	June
## 542	5640	6779	2012-06-25	June
## 543	6365	7442	2012-06-26	June
## 544	6258	7335	2012-06-27	June
## 545	5958	6879	2012-06-28	June
## 546	4634	5463	2012-06-29	June
## 547	4232	5687	2012-06-30	June
## 548	4110	5531	2012-07-01	July
## 549	5323	6227	2012-07-02	July
## 550	5608	6660	2012-07-03	July
## 551	4841	7403	2012-07-04	July
## 552	4836	6241	2012-07-05	July
## 553	4841	6207	2012-07-06	July
## 554	3392	4840	2012-07-07	July
## 555	3469	4672	2012-07-08	July
## 556	5571	6569	2012-07-09	July
## 557	5336	6290	2012-07-10	July
## 558	6289	7264	2012-07-11	July
## 559	6414	7446	2012-07-12	July
## 560	5988	7499	2012-07-13	July
## 561	4614	6969	2012-07-14	July
## 562	4111	6031	2012-07-15	July
## 563	5742	6830	2012-07-16	July
## 564	5865	6786	2012-07-17	July
## 565	4914	5713	2012-07-18	July
## 566	5703	6591	2012-07-19	July
## 567	5123	5870	2012-07-20	July
## 568	3195	4459	2012-07-21	July
## 569	4866	7410	2012-07-22	July
## 570	5831	6966	2012-07-23	July
## 571	6452	7592	2012-07-24	July
## 572	6790	8173	2012-07-25	July
## 573	5825	6861	2012-07-26	July
## 574	5645	6904	2012-07-27	July
## 575	4451	6685	2012-07-28	July
## 576	4444	6597	2012-07-29	July
## 577	6065	7105	2012-07-30	July
## 578	6248	7216	2012-07-31	July
## 579	6506	7580	2012-08-01	August
## 580	6278	7261	2012-08-02	August
## 581	5847	7175	2012-08-03	August
## 582	4479	6824	2012-08-04	August
## 583	3757	5464	2012-08-05	August
## 584	5780	7013	2012-08-06	August
## 585	5995	7273	2012-08-07	August
## 586	6271	7534	2012-08-08	August
## 587	6090	7286	2012-08-09	August



## 588	4721	5786	2012-08-10	August
## 589	4052	6299	2012-08-11	August
## 590	4362	6544	2012-08-12	August
## 591	5676	6883	2012-08-13	August
## 592	5656	6784	2012-08-14	August
## 593	6149	7347	2012-08-15	August
## 594	6267	7605	2012-08-16	August
## 595	5665	7148	2012-08-17	August
## 596	5038	7865	2012-08-18	August
## 597	3341	4549	2012-08-19	August
## 598	5504	6530	2012-08-20	August
## 599	5925	7006	2012-08-21	August
## 600	6281	7375	2012-08-22	August
## 601	6402	7765	2012-08-23	August
## 602	6257	7582	2012-08-24	August
## 603	4224	6053	2012-08-25	August
## 604	3772	5255	2012-08-26	August
## 605	5928	6917	2012-08-27	August
## 606	6105	7040	2012-08-28	August
## 607	6520	7697	2012-08-29	August
## 608	6541	7713	2012-08-30	August
## 609	5917	7350	2012-08-31	August
## 610	3788	6140	2012-09-01	September
## 611	3197	5810	2012-09-02	September
## 612	4069	6034	2012-09-03	September
## 613	5997	6864	2012-09-04	September
## 614	6280	7112	2012-09-05	September
## 615	5592	6203	2012-09-06	September
## 616	6459	7504	2012-09-07	September
## 617	4419	5976	2012-09-08	September
## 618	5657	8227	2012-09-09	September
## 619	6407	7525	2012-09-10	September
## 620	6697	7767	2012-09-11	September
## 621	6820	7870	2012-09-12	September
## 622	6750	7804	2012-09-13	September
## 623	6630	8009	2012-09-14	September
## 624	5554	8714	2012-09-15	September
## 625	5167	7333	2012-09-16	September
## 626	5847	6869	2012-09-17	September
## 627	3702	4073	2012-09-18	September
## 628	6803	7591	2012-09-19	September
## 629	6781	7720	2012-09-20	September
## 630	6917	8167	2012-09-21	September
## 631	5883	8395	2012-09-22	September
## 632	5453	7907	2012-09-23	September
## 633	6435	7436	2012-09-24	September
## 634	6693	7538	2012-09-25	September
## 635	6946	7733	2012-09-26	September
## 636	6642	7393	2012-09-27	September
## 637	6370	7415	2012-09-28	September

## 638	5966	8555	2012-09-29	September
## 639	4874	6889	2012-09-30	September
## 640	6015	6778	2012-10-01	October
## 641	4324	4639	2012-10-02	October
## 642	6844	7572	2012-10-03	October
## 643	6437	7328	2012-10-04	October
## 644	6640	8156	2012-10-05	October
## 645	4934	7965	2012-10-06	October
## 646	2729	3510	2012-10-07	October
## 647	4604	5478	2012-10-08	October
## 648	5791	6392	2012-10-09	October
## 649	6911	7691	2012-10-10	October
## 650	6736	7570	2012-10-11	October
## 651	6222	7282	2012-10-12	October
## 652	4857	7109	2012-10-13	October
## 653	4559	6639	2012-10-14	October
## 654	5115	5875	2012-10-15	October
## 655	6612	7534	2012-10-16	October
## 656	6482	7461	2012-10-17	October
## 657	6501	7509	2012-10-18	October
## 658	4671	5424	2012-10-19	October
## 659	5284	8090	2012-10-20	October
## 660	4692	6824	2012-10-21	October
## 661	6228	7058	2012-10-22	October
## 662	6625	7466	2012-10-23	October
## 663	6898	7693	2012-10-24	October
## 664	6484	7359	2012-10-25	October
## 665	6262	7444	2012-10-26	October
## 666	5209	7852	2012-10-27	October
## 667	3461	4459	2012-10-28	October
## 668	20	22	2012-10-29	October
## 669	1009	1096	2012-10-30	October
## 670	5147	5566	2012-10-31	October
## 671	5520	5986	2012-11-01	November
## 672	5229	5847	2012-11-02	November
## 673	4109	5138	2012-11-03	November
## 674	3906	5107	2012-11-04	November
## 675	4881	5259	2012-11-05	November
## 676	5220	5686	2012-11-06	November
## 677	4709	5035	2012-11-07	November
## 678	4975	5315	2012-11-08	November
## 679	5283	5992	2012-11-09	November
## 680	4446	6536	2012-11-10	November
## 681	4562	6852	2012-11-11	November
## 682	5172	6269	2012-11-12	November
## 683	3767	4094	2012-11-13	November
## 684	5122	5495	2012-11-14	November
## 685	5125	5445	2012-11-15	November
## 686	5214	5698	2012-11-16	November
## 687	4316	5629	2012-11-17	November

```
## 688      3747  4669 2012-11-18 November
## 689      5050  5499 2012-11-19 November
## 690      5100  5634 2012-11-20 November
## 691      4531  5146 2012-11-21 November
## 692      1470  2425 2012-11-22 November
## 693      2307  3910 2012-11-23 November
## 694      1745  2277 2012-11-24 November
## 695      2115  2424 2012-11-25 November
## 696      4750  5087 2012-11-26 November
## 697      3836  3959 2012-11-27 November
## 698      5062  5260 2012-11-28 November
## 699      5080  5323 2012-11-29 November
## 700      5306  5668 2012-11-30 November
## 701      4240  5191 2012-12-01 December
## 702      3757  4649 2012-12-02 December
## 703      5679  6234 2012-12-03 December
## 704      6055  6606 2012-12-04 December
## 705      5398  5729 2012-12-05 December
## 706      5035  5375 2012-12-06 December
## 707      4659  5008 2012-12-07 December
## 708      4429  5582 2012-12-08 December
## 709      2787  3228 2012-12-09 December
## 710      4841  5170 2012-12-10 December
## 711      5219  5501 2012-12-11 December
## 712      5009  5319 2012-12-12 December
## 713      5107  5532 2012-12-13 December
## 714      5182  5611 2012-12-14 December
## 715      4280  5047 2012-12-15 December
## 716      3248  3786 2012-12-16 December
## 717      4373  4585 2012-12-17 December
## 718      5124  5557 2012-12-18 December
## 719      4934  5267 2012-12-19 December
## 720      3814  4128 2012-12-20 December
## 721      3402  3623 2012-12-21 December
## 722      1544  1749 2012-12-22 December
## 723      1379  1787 2012-12-23 December
## 724        746   920 2012-12-24 December
## 725        573  1013 2012-12-25 December
## 726        432   441 2012-12-26 December
## 727      1867  2114 2012-12-27 December
## 728      2451  3095 2012-12-28 December
## 729      1182  1341 2012-12-29 December
## 730      1432  1796 2012-12-30 December
## 731      2290  2729 2012-12-31 December
```

```
head(dfbOrg)
```

```
##      DATE HOLIDAY WEEKDAY WEATHERSIT TEMP ATEMP HUMIDITY WINDSPEED
CASUAL
## 1 2011-01-01      NO      NO          2 11.0  11.0      81.0      17
```

```

331
## 2 2011-01-02      NO      NO      2  9.0  6.5  71.5      17
131
## 3 2011-01-03      NO     YES      1  1.0  4.0  44.0      18
120
## 4 2011-01-04      NO     YES      1  2.0  2.5  64.0       9
108
## 5 2011-01-05      NO     YES      1  2.5  1.0  42.5      13
82
## 6 2011-01-06      NO     YES      1  2.0  2.0  52.0       6
88

```

```

##   REGISTERED COUNT      date  MONTH
## 1         654   985 2011-01-01 January
## 2         670   801 2011-01-02 January
## 3        1229  1349 2011-01-03 January
## 4        1454  1562 2011-01-04 January
## 5        1518  1600 2011-01-05 January
## 6        1518  1606 2011-01-06 January

```

```
dfbStd <- dfbOrg
```

```
dfbStd$TEMP <-
  scale(dfbOrg$TEMP)
```

```
dfbStd$WINDSPEED <-
  scale(dfbOrg$WINDSPEED)
```

```
dfbStd$HUMIDITY <-
  scale(dfbOrg$HUMIDITY)
```

```
dfbStd$ATEMP <-
  scale(dfbOrg$ATEMP)
```

```
dfbStd
```

```

##          DATE HOLIDAY WEEKDAY WEATHERSIT      TEMP      ATEMP
HUMIDITY
## 1  2011-01-01      NO      NO      2 -0.55208087 -0.5166362098
1.15262592
## 2  2011-01-02      NO      NO      2 -0.77864711 -0.9820289892
0.53843749
## 3  2011-01-03      NO     YES      1 -1.68491207 -1.2405805333 -
1.23947638
## 4  2011-01-04      NO     YES      1 -1.57162895 -1.3957114597
0.05355189
## 5  2011-01-05      NO     YES      1 -1.51498739 -1.5508423862 -
1.33645350
## 6  2011-01-06      NO     YES      1 -1.57162895 -1.4474217685 -
0.72226507
## 7  2011-01-07      NO     YES      2 -1.68491207 -1.3440011509 -

```

1.01319644				
## 8 2011-01-08	NO	NO	2 -1.68491207 -1.1371599156 -	
0.78691649				
## 9 2011-01-09	NO	NO	1 -1.57162895 -0.7751877539 -	
1.11017356				
## 10 2011-01-10	NO	YES	1 -1.57162895 -1.0337392980 -	
0.85156790				
## 11 2011-01-11	NO	YES	2 -1.68491207 -1.2922908421 -	
0.39900801				
## 12 2011-01-12	NO	YES	1 -1.68491207 -1.0854496068 -	
0.52831083				
## 13 2011-01-13	NO	YES	1 -1.57162895 -0.9303186804 -	
0.94854502				
## 14 2011-01-14	NO	YES	1 -1.57162895 -1.3440011509 -	
0.59296225				
## 15 2011-01-15	NO	NO	2 -1.40170427 -1.2922908421 -	
0.72226507				
## 16 2011-01-16	NO	NO	1 -1.51498739 -1.4474217685 -	
0.88389361				
## 17 2011-01-17	YES	YES	2 -1.68491207 -1.2405805333 -	
0.98087073				
## 18 2011-01-18	NO	YES	2 -1.68491207 -1.3440011509	
1.54053440				
## 19 2011-01-19	NO	YES	2 -1.17513803 -1.3957114597	
0.53843749				
## 20 2011-01-20	NO	YES	2 -1.34506271 -1.4474217685 -	
0.46365942				
## 21 2011-01-21	NO	YES	1 -1.57162895 -1.1371599156 -	
1.36877921				
## 22 2011-01-22	NO	NO	1 -1.06185491 -0.5166362098 -	
1.36877921				
## 23 2011-01-23	NO	NO	1 -1.34506271 -0.6200568275 -	
1.36877921				
## 24 2011-01-24	NO	YES	1 -1.51498739 -0.9303186804 -	
0.91621932				
## 25 2011-01-25	NO	YES	2 -1.57162895 -1.2405805333	
0.11820330				
## 26 2011-01-26	NO	YES	3 -1.57162895 -1.2405805333	
1.92844289				
## 27 2011-01-27	NO	YES	1 -1.62827051 -1.4474217685	
0.44146037				
## 28 2011-01-28	NO	YES	2 -1.68491207 -1.4474217685	
1.08797451				
## 29 2011-01-29	NO	NO	1 -1.68491207 -1.3957114597	
0.05355189				
## 30 2011-01-30	NO	NO	1 -1.45834583 -1.4474217685	
0.44146037				
## 31 2011-01-31	NO	YES	2 -1.68491207 -1.2405805333 -	
0.26970518				
## 32 2011-02-01	NO	YES	2 -1.57162895 -1.5508423862	

1.50820870				
## 33 2011-02-02	NO	YES	2	-1.51498739 -1.3957114597
1.92844289				
## 34 2011-02-03	NO	YES	1	-1.68491207 -1.1888702244 -
1.23947638				
## 35 2011-02-04	NO	YES	2	-1.45834583 -1.4991320773 -
0.26970518				
## 36 2011-02-05	NO	NO	2	-1.57162895 -1.5508423862
2.38100278				
## 37 2011-02-06	NO	NO	1	-1.28842115 -1.3440011509 -
0.14040235				
## 38 2011-02-07	NO	YES	1	-1.23177959 -1.1371599156
0.76471744				
## 39 2011-02-08	NO	YES	1	-1.45834583 -1.2405805333 -
1.49808204				
## 40 2011-02-09	NO	YES	2	-1.57162895 -1.0337392980 -
1.23947638				
## 41 2011-02-10	NO	YES	1	-1.57162895 -1.0854496068 -
1.40110492				
## 42 2011-02-11	NO	YES	1	-1.34506271 -1.2405805333 -
0.26970518				
## 43 2011-02-12	NO	NO	1	-1.40170427 -1.4474217685 -
1.27180209				
## 44 2011-02-13	NO	NO	1	-0.72200555 -1.0337392980 -
1.75668769				
## 45 2011-02-14	NO	YES	1	-0.66536399 -1.0337392980 -
1.46575633				
## 46 2011-02-15	NO	YES	1	-1.34506271 -1.2922908421 -
2.01529335				
## 47 2011-02-16	NO	YES	1	-0.89193023 -1.0854496068 -
1.23947638				
## 48 2011-02-17	NO	YES	1	-0.26887307 -0.2580846658 -
0.56063654				
## 49 2011-02-18	NO	YES	1	-0.04230683 -0.0512434305 -
0.78691649				
## 50 2011-02-19	NO	NO	1	-0.55208087 -0.5166362098 -
2.98506455				
## 51 2011-02-20	NO	NO	1	-1.11849647 -1.2405805333 -
1.33645350				
## 52 2011-02-21	YES	YES	2	-1.00521335 -1.1371599156
0.18285472				
## 53 2011-02-22	NO	YES	1	-1.57162895 -1.0337392980 -
0.20505377				
## 54 2011-02-23	NO	YES	1	-1.45834583 -1.0337392980 -
0.98087073				
## 55 2011-02-24	NO	YES	2	-1.00521335 -1.2405805333
0.44146037				
## 56 2011-02-25	NO	YES	2	-1.00521335 -1.0337392980 -
0.20505377				
## 57 2011-02-26	NO	NO	1	-1.23177959 -1.3440011509 -

0.46365942				
## 58 2011-02-27	NO	NO	1 -0.77864711 -0.8268980627 -	
0.07575094				
## 59 2011-02-28	NO	YES	2 -0.66536399 -0.8268980627	
1.92844289				
## 60 2011-03-01	NO	YES	1 -1.40170427 -1.2405805333 -	
0.33435659				
## 61 2011-03-02	NO	YES	1 -1.06185491 -1.2922908421 -	
1.69203628				
## 62 2011-03-03	NO	YES	1 -1.62827051 -1.3440011509 -	
1.88599052				
## 63 2011-03-04	NO	YES	2 -1.17513803 -1.2405805333	
0.27983184				
## 64 2011-03-05	NO	NO	2 -0.43879775 -0.4132155922	
0.89402027				
## 65 2011-03-06	NO	NO	2 -0.49543931 -0.4649259010	
2.38100278				
## 66 2011-03-07	NO	YES	1 -1.34506271 -1.2405805333 -	
0.98087073				
## 67 2011-03-08	NO	YES	1 -1.11849647 -1.3440011509 -	
1.14249926				
## 68 2011-03-09	NO	YES	2 -1.00521335 -1.3440011509	
0.82936885				
## 69 2011-03-10	NO	YES	3 -0.60872243 -0.6717671363	
2.38100278				
## 70 2011-03-11	NO	YES	2 -1.00521335 -1.2405805333 -	
0.39900801				
## 71 2011-03-12	NO	NO	1 -0.83528867 -1.0854496068	
0.02122618				
## 72 2011-03-13	NO	NO	1 -0.72200555 -0.7751877539 -	
0.62528795				
## 73 2011-03-14	NO	YES	1 -0.94857179 -1.0854496068 -	
1.01319644				
## 74 2011-03-15	NO	YES	2 -1.00521335 -1.1371599156	
0.31215754				
## 75 2011-03-16	NO	YES	2 -0.77864711 -0.8268980627	
1.21727733				
## 76 2011-03-17	NO	YES	1 -0.43879775 -0.4132155922 -	
0.01109952				
## 77 2011-03-18	NO	YES	1 0.35418409 0.3107287312 -	
0.72226507				
## 78 2011-03-19	NO	NO	1 -0.21223151 -0.2063743570 -	
1.62738487				
## 79 2011-03-20	NO	NO	1 -0.89193023 -1.1371599156 -	
0.75459078				
## 80 2011-03-21	NO	YES	2 -0.38215619 -0.3615052834	
0.73239173				
## 81 2011-03-22	NO	YES	1 -0.32551463 -0.3097949746 -	
0.43133371				
## 82 2011-03-23	NO	YES	2 -0.89193023 -1.1371599156	

1.54053440				
## 83 2011-03-24	NO	YES	2	-1.17513803 -1.4474217685
0.82936885				
## 84 2011-03-25	NO	YES	1	-1.28842115 -1.3440011509 -
1.23947638				
## 85 2011-03-26	NO	NO	1	-1.34506271 -1.4474217685 -
1.36877921				
## 86 2011-03-27	NO	NO	2	-1.34506271 -1.3440011509 -
1.17482497				
## 87 2011-03-28	NO	YES	1	-1.34506271 -1.3440011509 -
2.40320183				
## 88 2011-03-29	NO	YES	1	-0.94857179 -1.1888702244 -
2.27389900				
## 89 2011-03-30	NO	YES	2	-1.00521335 -1.1371599156 -
0.39900801				
## 90 2011-03-31	NO	YES	3	-1.28842115 -1.4991320773
1.92844289				
## 91 2011-04-01	NO	YES	2	-1.00521335 -1.2405805333 -
0.14040235				
## 92 2011-04-02	NO	NO	2	-1.00521335 -1.1888702244
0.15052901				
## 93 2011-04-03	NO	NO	1	-0.55208087 -0.5166362098 -
1.23947638				
## 94 2011-04-04	NO	YES	1	0.69403345 0.5692802753 -
1.30412780				
## 95 2011-04-05	NO	YES	2	-0.66536399 -1.0337392980 -
0.20505377				
## 96 2011-04-06	NO	YES	1	-0.38215619 -0.3615052834 -
1.43343062				
## 97 2011-04-07	NO	YES	1	-0.43879775 -0.4132155922 -
0.01109952				
## 98 2011-04-08	NO	YES	2	-0.89193023 -1.0337392980
1.54053440				
## 99 2011-04-09	NO	NO	2	-0.77864711 -0.8268980627
1.54053440				
## 100 2011-04-10	NO	NO	2	-0.49543931 -0.4649259010
1.60518582				
## 101 2011-04-11	NO	YES	2	0.52410877 0.4658596576
0.63541461				
## 102 2011-04-12	NO	YES	2	0.01433473 0.0004668783
0.89402027				
## 103 2011-04-13	NO	YES	2	-0.49543931 -0.4649259010
1.41123158				
## 104 2011-04-14	NO	YES	1	-0.21223151 -0.2063743570 -
0.52831083				
## 105 2011-04-15	YES	YES	1	-0.32551463 -0.3097949746
0.24750613				
## 106 2011-04-16	NO	NO	3	-0.43879775 -0.4132155922
1.60518582				
## 107 2011-04-17	NO	NO	1	-0.26887307 -0.2580846658 -



1.30412780						
## 108 2011-04-18	NO	YES	1	0.12761785	0.1038874959	-
0.91621932						
## 109 2011-04-19	NO	YES	2	0.01433473	0.0004668783	
0.27983184						
## 110 2011-04-20	NO	YES	1	0.69403345	0.6209905841	-
0.56063654						
## 111 2011-04-21	NO	YES	1	-0.26887307	-0.2580846658	-
1.33645350						
## 112 2011-04-22	NO	YES	2	-0.89193023	-1.1371599156	
0.18285472						
## 113 2011-04-23	NO	NO	2	-0.21223151	-0.2063743570	
1.60518582						
## 114 2011-04-24	NO	NO	2	0.35418409	0.3107287312	
1.28192875						
## 115 2011-04-25	NO	YES	1	0.58075033	0.5175699665	
0.70006603						
## 116 2011-04-26	NO	YES	1	0.75067501	0.6727008929	
0.70006603						
## 117 2011-04-27	NO	YES	2	0.69403345	0.6209905841	
1.28192875						
## 118 2011-04-28	NO	YES	2	0.69403345	0.6209905841	
0.95867168						
## 119 2011-04-29	NO	YES	1	0.12761785	0.1038874959	-
1.17482497						
## 120 2011-04-30	NO	NO	1	-0.32551463	-0.3097949746	-
0.59296225						
## 121 2011-05-01	NO	NO	2	-0.21223151	-0.2063743570	
0.89402027						
## 122 2011-05-02	NO	YES	2	0.41082565	0.3624390400	
0.63541461						
## 123 2011-05-03	NO	YES	2	0.69403345	0.6209905841	
0.21518042						
## 124 2011-05-04	NO	YES	2	-0.55208087	-0.5166362098	
0.73239173						
## 125 2011-05-05	NO	YES	1	-0.04230683	-0.0512434305	-
1.56273345						
## 126 2011-05-06	NO	YES	1	-0.21223151	-0.2063743570	-
0.07575094						
## 127 2011-05-07	NO	NO	1	0.24090097	0.2073081136	-
0.91621932						
## 128 2011-05-08	NO	NO	1	0.12761785	0.1038874959	-
0.01109952						
## 129 2011-05-09	NO	YES	1	0.18425941	0.1555978047	-
0.46365942						
## 130 2011-05-10	NO	YES	1	0.18425941	0.1555978047	-
0.72226507						
## 131 2011-05-11	NO	YES	1	0.18425941	0.1555978047	-
0.10807664						
## 132 2011-05-12	NO	YES	1	0.24090097	0.2073081136	

0.95867168					
## 133 2011-05-13	NO	YES	2	0.12761785	0.1038874959
1.60518582					
## 134 2011-05-14	NO	NO	2	0.12761785	0.1038874959
1.99309430					
## 135 2011-05-15	NO	NO	2	0.29754253	0.2590184224
1.44355728					
## 136 2011-05-16	NO	YES	1	0.41082565	0.3624390400
1.28192875					
## 137 2011-05-17	NO	YES	2	0.35418409	0.3107287312
1.60518582					
## 138 2011-05-18	NO	YES	2	0.24090097	0.2073081136
1.60518582					
## 139 2011-05-19	NO	YES	2	0.18425941	0.1555978047
1.60518582					
## 140 2011-05-20	NO	YES	1	0.29754253	0.2590184224
0.18285472					
## 141 2011-05-21	NO	NO	1	0.63739189	0.5692802753 -
0.04342523					
## 142 2011-05-22	NO	NO	1	0.69403345	0.6209905841
0.50611178					
## 143 2011-05-23	NO	YES	2	0.69403345	0.7244112017
1.60518582					
## 144 2011-05-24	NO	YES	2	0.86395813	0.7761215105
0.70006603					
## 145 2011-05-25	NO	YES	1	0.97724125	0.8795421282
0.24750613					
## 146 2011-05-26	NO	YES	1	1.20380749	1.1898039810
0.15052901					
## 147 2011-05-27	NO	YES	1	1.03388281	0.9312524370
0.11820330					
## 148 2011-05-28	NO	NO	1	0.92059969	0.8278318193
0.70006603					
## 149 2011-05-29	NO	NO	1	0.92059969	0.9312524370
1.28192875					
## 150 2011-05-30	YES	YES	1	1.26044905	1.3449349075
0.44146037					
## 151 2011-05-31	NO	YES	1	1.60029841	1.7586173780 -
0.17272806					
## 152 2011-06-01	NO	YES	2	1.37373217	1.5517761428
0.70006603					
## 153 2011-06-02	NO	YES	1	1.26044905	1.0346730546 -
2.17692188					
## 154 2011-06-03	NO	YES	1	0.69403345	0.5175699665 -
1.85366481					
## 155 2011-06-04	NO	NO	1	0.80731657	0.7244112017 -
1.07784785					
## 156 2011-06-05	NO	NO	2	0.80731657	0.7244112017
0.11820330					
## 157 2011-06-06	NO	YES	1	0.97724125	0.8795421282 -

0.23737947						
## 158 2011-06-07	NO	YES	1	1.26044905	1.2932245987	-
0.23737947						
## 159 2011-06-08	NO	YES	1	1.71358153	1.8620379956	-
0.07575094						
## 160 2011-06-09	NO	YES	2	1.60029841	1.7069070692	-
0.85156790						
## 161 2011-06-10	NO	YES	1	1.48701529	1.5000658339	-
0.17272806						
## 162 2011-06-11	NO	NO	1	1.20380749	1.2415142899	-
0.07575094						
## 163 2011-06-12	NO	NO	1	0.97724125	0.9829627458	
0.95867168						
## 164 2011-06-13	NO	YES	1	0.80731657	0.6727008929	-
1.14249926						
## 165 2011-06-14	NO	YES	1	0.58075033	0.5175699665	-
0.85156790						
## 166 2011-06-15	NO	YES	1	0.75067501	0.6727008929	-
0.94854502						
## 167 2011-06-16	NO	YES	2	0.69403345	0.6209905841	
0.31215754						
## 168 2011-06-17	NO	YES	1	0.75067501	0.7244112017	
1.28192875						
## 169 2011-06-18	NO	NO	1	1.26044905	1.2415142899	-
0.07575094						
## 170 2011-06-19	NO	NO	2	1.14716593	1.1380936722	
0.27983184						
## 171 2011-06-20	NO	YES	2	0.80731657	0.7244112017	
0.95867168						
## 172 2011-06-21	NO	YES	2	1.03388281	1.0346730546	
0.95867168						
## 173 2011-06-22	NO	YES	1	1.31709061	1.5000658339	
0.82936885						
## 174 2011-06-23	NO	YES	2	1.26044905	1.3449349075	
0.44146037						
## 175 2011-06-24	NO	YES	1	1.20380749	1.1380936722	-
0.98087073						
## 176 2011-06-25	NO	NO	1	1.14716593	1.0346730546	-
0.98087073						
## 177 2011-06-26	NO	NO	1	1.14716593	1.0346730546	-
0.72226507						
## 178 2011-06-27	NO	YES	2	1.14716593	1.1380936722	
0.11820330						
## 179 2011-06-28	NO	YES	1	1.37373217	1.3966452163	
0.31215754						
## 180 2011-06-29	NO	YES	1	1.26044905	1.1380936722	-
1.36877921						
## 181 2011-06-30	NO	YES	1	1.14716593	1.0346730546	-
1.36877921						
## 182 2011-07-01	NO	YES	1	1.14716593	1.0346730546	-

1.36877921						
## 183 2011-07-02	NO	NO	1	1.37373217	1.2932245987	-
1.01319644						
## 184 2011-07-03	NO	NO	2	1.09052437	1.0863833634	
0.44146037						
## 185 2011-07-04	YES	YES	2	1.37373217	1.4483555251	-
0.07575094						
## 186 2011-07-05	NO	YES	1	1.48701529	1.4483555251	-
0.07575094						
## 187 2011-07-06	NO	YES	1	1.26044905	1.3449349075	
0.70006603						
## 188 2011-07-07	NO	YES	1	1.37373217	1.5000658339	-
0.07575094						
## 189 2011-07-08	NO	YES	2	1.14716593	1.1380936722	
0.99099739						
## 190 2011-07-09	NO	NO	1	1.37373217	1.3449349075	-
0.33435659						
## 191 2011-07-10	NO	NO	1	1.37373217	1.4483555251	-
0.14040235						
## 192 2011-07-11	NO	YES	1	1.31709061	1.3966452163	-
0.14040235						
## 193 2011-07-12	NO	YES	1	1.71358153	1.6551967604	-
0.72226507						
## 194 2011-07-13	NO	YES	1	1.37373217	1.3449349075	-
0.33435659						
## 195 2011-07-14	NO	YES	1	0.97724125	0.8795421282	-
0.94854502						
## 196 2011-07-15	NO	YES	1	0.92059969	0.8278318193	-
0.49598513						
## 197 2011-07-16	NO	NO	1	1.14716593	1.1380936722	-
0.46365942						
## 198 2011-07-17	NO	NO	1	1.31709061	1.3449349075	-
0.20505377						
## 199 2011-07-18	NO	YES	1	1.43037373	1.5000658339	
0.18285472						
## 200 2011-07-19	NO	YES	1	1.48701529	1.7586173780	
0.18285472						
## 201 2011-07-20	NO	YES	1	1.48701529	1.8620379956	
0.44146037						
## 202 2011-07-21	NO	YES	2	1.82686465	2.5859823191	
0.50611178						
## 203 2011-07-22	NO	YES	1	1.94014777	2.2757204662	-
0.36668230						
## 204 2011-07-23	NO	NO	1	1.82686465	2.0688792309	-
0.72226507						
## 205 2011-07-24	NO	NO	1	1.82686465	2.0688792309	-
0.52831083						
## 206 2011-07-25	NO	YES	1	1.37373217	1.5517761428	
1.02332309						
## 207 2011-07-26	NO	YES	1	1.54365685	1.5000658339	-

1.01319644						
## 208 2011-07-27	NO	YES	1	1.54365685	1.3966452163	-
1.27180209						
## 209 2011-07-28	NO	YES	1	1.60029841	1.8620379956	-
0.46365942						
## 210 2011-07-29	NO	YES	1	1.94014777	2.0171689221	-
1.07784785						
## 211 2011-07-30	NO	NO	1	1.65693997	1.6551967604	-
1.01319644						
## 212 2011-07-31	NO	NO	1	1.60029841	1.6551967604	-
0.52831083						
## 213 2011-08-01	NO	YES	1	1.37373217	1.3449349075	-
0.43133371						
## 214 2011-08-02	NO	YES	1	1.71358153	1.6551967604	-
1.01319644						
## 215 2011-08-03	NO	YES	2	1.37373217	1.3449349075	-
0.33435659						
## 216 2011-08-04	NO	YES	2	1.14716593	1.1380936722	
0.70006603						
## 217 2011-08-05	NO	YES	1	1.14716593	1.1380936722	
0.11820330						
## 218 2011-08-06	NO	NO	2	1.26044905	1.4483555251	
0.95867168						
## 219 2011-08-07	NO	NO	1	1.26044905	1.3449349075	
1.34658016						
## 220 2011-08-08	NO	YES	1	1.48701529	1.5517761428	-
0.43133371						
## 221 2011-08-09	NO	YES	1	1.60029841	1.5000658339	-
0.39900801						
## 222 2011-08-10	NO	YES	1	1.48701529	1.3449349075	-
1.56273345						
## 223 2011-08-11	NO	YES	1	1.20380749	1.0863833634	-
1.36877921						
## 224 2011-08-12	NO	YES	1	1.20380749	1.0863833634	-
1.36877921						
## 225 2011-08-13	NO	NO	2	1.03388281	1.0346730546	
0.70006603						
## 226 2011-08-14	NO	NO	2	0.92059969	0.9312524370	
1.31425446						
## 227 2011-08-15	NO	YES	1	0.92059969	0.8278318193	
0.37680896						
## 228 2011-08-16	NO	YES	1	1.14716593	1.1380936722	-
0.33435659						
## 229 2011-08-17	NO	YES	1	1.31709061	1.2415142899	-
0.43133371						
## 230 2011-08-18	NO	YES	1	1.03388281	0.9829627458	
0.27983184						
## 231 2011-08-19	NO	YES	2	0.86395813	0.8795421282	
1.12030021						
## 232 2011-08-20	NO	NO	1	1.20380749	1.1898039810	

0.24750613					
## 233 2011-08-21	NO	NO	1	1.14716593	1.2415142899
1.02332309					
## 234 2011-08-22	NO	YES	1	1.09052437	1.0346730546 -
1.53040775					
## 235 2011-08-23	NO	YES	1	0.75067501	0.6727008929 -
0.88389361					
## 236 2011-08-24	NO	YES	1	1.14716593	1.1380936722 -
0.26970518					
## 237 2011-08-25	NO	YES	2	1.03388281	0.9312524370
0.95867168					
## 238 2011-08-26	NO	YES	1	1.26044905	1.4483555251
1.02332309					
## 239 2011-08-27	NO	NO	2	0.92059969	0.9312524370
1.34658016					
## 240 2011-08-28	NO	NO	1	0.92059969	0.8278318193
0.11820330					
## 241 2011-08-29	NO	YES	1	0.75067501	0.6727008929 -
0.65761366					
## 242 2011-08-30	NO	YES	1	0.86395813	0.7761215105 -
0.62528795					
## 243 2011-08-31	NO	YES	1	0.92059969	0.8278318193 -
0.14040235					
## 244 2011-09-01	NO	YES	1	0.92059969	0.8278318193 -
0.23737947					
## 245 2011-09-02	NO	YES	2	0.80731657	0.7244112017
0.70006603					
## 246 2011-09-03	NO	NO	1	0.92059969	0.8795421282
0.44146037					
## 247 2011-09-04	NO	NO	1	1.26044905	1.3449349075
0.70006603					
## 248 2011-09-05	YES	YES	2	0.97724125	0.9312524370
0.82936885					
## 249 2011-09-06	NO	YES	3	0.24090097	0.2073081136
1.60518582					
## 250 2011-09-07	NO	YES	3	0.58075033	0.5175699665
1.99309430					
## 251 2011-09-08	NO	YES	3	0.69403345	0.7244112017
1.99309430					
## 252 2011-09-09	NO	YES	2	0.69403345	0.7244112017
1.99309430					
## 253 2011-09-10	NO	NO	1	0.80731657	0.7244112017
0.95867168					
## 254 2011-09-11	NO	NO	1	0.80731657	0.7244112017
0.63541461					
## 255 2011-09-12	NO	YES	1	0.80731657	0.7244112017
0.53843749					
## 256 2011-09-13	NO	YES	1	0.80731657	0.7244112017
0.82936885					
## 257 2011-09-14	NO	YES	1	0.92059969	0.8278318193

0.40913466					
## 258 2011-09-15	NO	YES	2	0.63739189	0.5692802753
0.37680896					
## 259 2011-09-16	NO	YES	2	0.01433473	0.0004668783 -
0.39900801					
## 260 2011-09-17	NO	NO	2	0.01433473	0.0004668783
0.57076320					
## 261 2011-09-18	NO	NO	1	0.18425941	0.1555978047
0.31215754					
## 262 2011-09-19	NO	YES	2	0.35418409	0.3107287312
0.31215754					
## 263 2011-09-20	NO	YES	2	0.35418409	0.3107287312
1.60518582					
## 264 2011-09-21	NO	YES	2	0.63739189	0.5692802753
1.99309430					
## 265 2011-09-22	NO	YES	2	0.69403345	0.7244112017
1.99309430					
## 266 2011-09-23	NO	YES	2	0.69403345	0.7244112017
1.99309430					
## 267 2011-09-24	NO	NO	2	0.69403345	0.6209905841
1.60518582					
## 268 2011-09-25	NO	NO	2	0.75067501	0.7244112017
1.44355728					
## 269 2011-09-26	NO	YES	2	0.80731657	0.8278318193
1.60518582					
## 270 2011-09-27	NO	YES	2	0.75067501	0.7761215105
1.66983723					
## 271 2011-09-28	NO	YES	2	0.58075033	0.5175699665
1.60518582					
## 272 2011-09-29	NO	YES	1	0.58075033	0.5175699665
0.21518042					
## 273 2011-09-30	NO	YES	1	0.24090097	0.2073081136 -
0.39900801					
## 274 2011-10-01	NO	NO	2	-0.55208087	-0.5166362098
0.89402027					
## 275 2011-10-02	NO	NO	2	-0.77864711	-1.0337392980
1.21727733					
## 276 2011-10-03	NO	YES	2	-0.55208087	-0.5166362098
0.89402027					
## 277 2011-10-04	NO	YES	1	-0.04230683	-0.0512434305
0.44146037					
## 278 2011-10-05	NO	YES	1	0.12761785	0.1038874959
0.34448325					
## 279 2011-10-06	NO	YES	1	-0.04230683	-0.0512434305 -
0.01109952					
## 280 2011-10-07	NO	YES	1	0.01433473	0.0004668783
0.31215754					
## 281 2011-10-08	NO	NO	1	0.07097629	0.0521771871
0.89402027					
## 282 2011-10-09	NO	NO	1	0.18425941	0.1555978047

1.08797451						
## 283 2011-10-10	YES	YES	1	0.35418409	0.3107287312	
1.12030021						
## 284 2011-10-11	NO	YES	2	0.46746721	0.4141493488	
1.28192875						
## 285 2011-10-12	NO	YES	3	0.24090097	0.2073081136	
1.79914006						
## 286 2011-10-13	NO	YES	2	0.46746721	0.4141493488	
1.60518582						
## 287 2011-10-14	NO	YES	2	0.35418409	0.3107287312	
1.60518582						
## 288 2011-10-15	NO	NO	1	0.01433473	0.0004668783	-
1.04552214						
## 289 2011-10-16	NO	NO	1	0.24090097	0.2073081136	-
0.91621932						
## 290 2011-10-17	NO	YES	1	0.24090097	0.2073081136	-
0.49598513						
## 291 2011-10-18	NO	YES	2	0.18425941	0.1555978047	
0.60308891						
## 292 2011-10-19	NO	YES	3	0.18425941	0.1555978047	
1.99309430						
## 293 2011-10-20	NO	YES	1	-0.09894839	-0.1029537393	-
0.33435659						
## 294 2011-10-21	NO	YES	1	-0.43879775	-0.4132155922	-
0.43133371						
## 295 2011-10-22	NO	NO	1	-0.49543931	-0.4649259010	-
0.01109952						
## 296 2011-10-23	NO	NO	1	-0.43879775	-0.4132155922	
0.89402027						
## 297 2011-10-24	NO	YES	1	-0.21223151	-0.2063743570	
1.21727733						
## 298 2011-10-25	NO	YES	1	-0.21223151	-0.2063743570	
0.27983184						
## 299 2011-10-26	NO	YES	2	-0.04230683	-0.0512434305	
0.57076320						
## 300 2011-10-27	NO	YES	2	-0.09894839	-0.1029537393	
1.44355728						
## 301 2011-10-28	NO	YES	2	-0.94857179	-1.1371599156	-
0.14040235						
## 302 2011-10-29	NO	NO	3	-1.34506271	-1.4991320773	
1.54053440						
## 303 2011-10-30	NO	NO	1	-1.06185491	-1.0337392980	
0.18285472						
## 304 2011-10-31	NO	YES	1	-0.89193023	-1.0337392980	
0.82936885						
## 305 2011-11-01	NO	YES	1	-0.66536399	-0.6200568275	
0.53843749						
## 306 2011-11-02	NO	YES	1	-0.72200555	-0.7751877539	
0.70006603						
## 307 2011-11-03	NO	YES	1	-0.55208087	-0.5166362098	



0.82936885					
## 308 2011-11-04	NO	YES	2	-0.55208087	-0.5166362098 -
0.14040235					
## 309 2011-11-05	NO	NO	1	-1.00521335	-1.1371599156 -
0.65761366					
## 310 2011-11-06	NO	NO	1	-0.77864711	-0.8268980627
0.99099739					
## 311 2011-11-07	NO	YES	1	-0.77864711	-0.8268980627
1.37890587					
## 312 2011-11-08	NO	YES	1	-0.66536399	-0.6200568275
1.05564880					
## 313 2011-11-09	NO	YES	1	-0.55208087	-0.5166362098
1.54053440					
## 314 2011-11-10	NO	YES	2	-0.77864711	-0.9303186804
1.21727733					
## 315 2011-11-11	YES	YES	1	-1.00521335	-1.2405805333 -
1.30412780					
## 316 2011-11-12	NO	NO	1	-0.55208087	-0.5166362098 -
0.33435659					
## 317 2011-11-13	NO	NO	1	-0.21223151	-0.2063743570 -
1.23947638					
## 318 2011-11-14	NO	YES	1	0.35418409	0.3107287312 -
0.10807664					
## 319 2011-11-15	NO	YES	2	0.24090097	0.2073081136
0.31215754					
## 320 2011-11-16	NO	YES	3	-0.21223151	-0.2063743570
1.99309430					
## 321 2011-11-17	NO	YES	2	-0.89193023	-1.2405805333 -
0.72226507					
## 322 2011-11-18	NO	YES	1	-1.34506271	-1.4474217685 -
1.30412780					
## 323 2011-11-19	NO	NO	1	-0.77864711	-0.8786083716 -
0.68993937					
## 324 2011-11-20	NO	NO	2	-0.21223151	-0.2063743570
0.24750613					
## 325 2011-11-21	NO	YES	3	-0.32551463	-0.3097949746
1.99309430					
## 326 2011-11-22	NO	YES	3	-0.49543931	-0.4649259010
1.99309430					
## 327 2011-11-23	NO	YES	2	-0.32551463	-0.3097949746
0.21518042					
## 328 2011-11-24	YES	YES	1	-0.77864711	-0.9303186804 -
0.14040235					
## 329 2011-11-25	NO	YES	1	-0.83528867	-0.8786083716
0.50611178					
## 330 2011-11-26	NO	NO	1	-0.72200555	-0.6717671363
0.82936885					
## 331 2011-11-27	NO	NO	1	-0.09894839	-0.1029537393
0.57076320					
## 332 2011-11-28	NO	YES	1	0.12761785	0.1038874959

0.92634597				
## 333 2011-11-29	NO	YES	2	-0.43879775 -0.4132155922
1.28192875				
## 334 2011-11-30	NO	YES	1	-1.00521335 -1.2405805333 -
0.39900801				
## 335 2011-12-01	NO	YES	1	-1.11849647 -1.2405805333 -
0.46365942				
## 336 2011-12-02	NO	YES	1	-1.00521335 -1.1371599156 -
0.33435659				
## 337 2011-12-03	NO	NO	1	-1.11849647 -1.1888702244
0.02122618				
## 338 2011-12-04	NO	NO	1	-0.89193023 -0.9303186804
1.15262592				
## 339 2011-12-05	NO	YES	2	-0.43879775 -0.4132155922
1.54053440				
## 340 2011-12-06	NO	YES	3	-0.21223151 -0.2063743570
2.38100278				
## 341 2011-12-07	NO	YES	3	-0.32551463 -0.3097949746
2.38100278				
## 342 2011-12-08	NO	YES	1	-1.34506271 -1.4474217685 -
0.46365942				
## 343 2011-12-09	NO	YES	1	-1.17513803 -1.1888702244
0.63541461				
## 344 2011-12-10	NO	NO	1	-1.34506271 -1.4474217685 -
0.88389361				
## 345 2011-12-11	NO	NO	1	-1.57162895 -1.3440011509 -
0.46365942				
## 346 2011-12-12	NO	YES	1	-1.40170427 -1.2405805333
0.44146037				
## 347 2011-12-13	NO	YES	1	-1.11849647 -1.2405805333 -
0.65761366				
## 348 2011-12-14	NO	YES	2	-1.00521335 -1.0337392980
0.18285472				
## 349 2011-12-15	NO	YES	2	-0.21223151 -0.2063743570
0.02122618				
## 350 2011-12-16	NO	YES	2	-0.89193023 -1.1371599156 -
1.11017356				
## 351 2011-12-17	NO	NO	2	-1.34506271 -1.5508423862 -
0.46365942				
## 352 2011-12-18	NO	NO	1	-1.57162895 -1.4991320773 -
0.20505377				
## 353 2011-12-19	NO	YES	1	-1.00521335 -1.1371599156 -
0.23737947				
## 354 2011-12-20	NO	YES	2	-0.72200555 -0.7234774451 -
0.17272806				
## 355 2011-12-21	NO	YES	2	-0.32551463 -0.3097949746
1.60518582				
## 356 2011-12-22	NO	YES	2	-0.32551463 -0.3097949746
1.21727733				
## 357 2011-12-23	NO	YES	1	-0.66536399 -0.8268980627

0.18285472				
## 358 2011-12-24	NO	NO	1	-1.11849647 -1.2405805333 -
0.56063654				
## 359 2011-12-25	NO	NO	1	-1.28842115 -1.4474217685
0.47378608				
## 360 2011-12-26	YES	YES	1	-0.89193023 -1.1371599156 -
1.11017356				
## 361 2011-12-27	NO	YES	2	-1.00521335 -1.0854496068
1.18495163				
## 362 2011-12-28	NO	YES	1	-1.00521335 -1.3440011509 -
1.11017356				
## 363 2011-12-29	NO	YES	1	-1.28842115 -1.3440011509 -
0.30203089				
## 364 2011-12-30	NO	YES	1	-0.89193023 -1.1371599156
0.18285472				
## 365 2011-12-31	NO	NO	1	-0.55208087 -0.5166362098 -
0.07575094				
## 366 2012-01-01	NO	NO	1	-0.55208087 -0.5166362098
0.11820330				
## 367 2012-01-02	YES	YES	1	-1.34506271 -1.4474217685 -
1.72436199				
## 368 2012-01-03	NO	YES	1	-1.57162895 -0.8268980627 -
1.33645350				
## 369 2012-01-04	NO	YES	2	-1.57162895 -0.9303186804 -
1.33645350				
## 370 2012-01-05	NO	YES	1	-1.40170427 -1.4474217685 -
0.46365942				
## 371 2012-01-06	NO	YES	1	-0.77864711 -0.9303186804 -
0.85156790				
## 372 2012-01-07	NO	NO	1	-0.60872243 -0.6717671363 -
1.17482497				
## 373 2012-01-08	NO	NO	1	-1.00521335 -1.0854496068 -
0.91621932				
## 374 2012-01-09	NO	YES	2	-1.57162895 -1.5508423862
0.44146037				
## 375 2012-01-10	NO	YES	1	-1.34506271 -1.2405805333
1.15262592				
## 376 2012-01-11	NO	YES	2	-1.00521335 -1.1371599156
1.54053440				
## 377 2012-01-12	NO	YES	2	-0.66536399 -0.8786083716
0.89402027				
## 378 2012-01-13	NO	YES	1	-1.34506271 -1.4474217685 -
1.11017356				
## 379 2012-01-14	NO	NO	1	-1.57162895 -1.1371599156 -
1.04552214				
## 380 2012-01-15	NO	NO	1	-1.68491207 -1.1371599156 -
1.30412780				
## 381 2012-01-16	YES	YES	1	-1.34506271 -1.4474217685 -
0.59296225				
## 382 2012-01-17	NO	YES	2	-0.49543931 -0.6200568275

0.70006603				
## 383 2012-01-18 1.36877921	NO	YES	1	-1.11849647 -1.3957114597 -
## 384 2012-01-19 0.98087073	NO	YES	1	-1.45834583 -1.4474217685 -
## 385 2012-01-20 1.62738487	NO	YES	2	-1.57162895 -1.4474217685 -
## 386 2012-01-21 1.15262592	NO	NO	2	-1.68491207 -1.1371599156
## 387 2012-01-22 1.08797451	NO	NO	2	-1.68491207 -1.1371599156
## 388 2012-01-23 1.92844289	NO	YES	2	-1.57162895 -1.5508423862
## 389 2012-01-24 1.54053440	NO	YES	1	-1.00521335 -1.0337392980
## 390 2012-01-25 0.18285472	NO	YES	1	-1.17513803 -1.1371599156
## 391 2012-01-26 1.02332309	NO	YES	2	-0.66536399 -0.6717671363
## 392 2012-01-27 0.39900801	NO	YES	2	-0.43879775 -0.4132155922 -
## 393 2012-01-28 0.62528795	NO	NO	1	-1.11849647 -1.2405805333 -
## 394 2012-01-29 2.24157330	NO	NO	1	-1.11849647 -1.3440011509 -
## 395 2012-01-30 1.30412780	NO	YES	1	-1.28842115 -1.3440011509 -
## 396 2012-01-31 1.53040775	NO	YES	1	-0.43879775 -0.4132155922 -
## 397 2012-02-01 0.72226507	NO	YES	1	-0.21223151 -0.2063743570 -
## 398 2012-02-02 0.24750613	NO	YES	2	-0.55208087 -0.5166362098
## 399 2012-02-03 0.65761366	NO	YES	1	-1.06185491 -1.2922908421 -
## 400 2012-02-04 1.15262592	NO	NO	2	-1.45834583 -1.4474217685
## 401 2012-02-05 0.11820330	NO	NO	2	-1.34506271 -1.5508423862
## 402 2012-02-06 0.18285472	NO	YES	1	-1.11849647 -1.2405805333
## 403 2012-02-07 1.01319644	NO	YES	1	-0.94857179 -0.9820289892 -
## 404 2012-02-08 0.44146037	NO	YES	2	-1.45834583 -1.5508423862
## 405 2012-02-09 0.65761366	NO	YES	1	-1.23177959 -1.2405805333 -
## 406 2012-02-10 0.46365942	NO	YES	2	-1.11849647 -1.2405805333 -
## 407 2012-02-11	NO	NO	3	-1.57162895 -1.5508423862

1.15262592				
## 408 2012-02-12	NO	NO	1	-1.57162895 -0.8268980627 -
1.30412780				
## 409 2012-02-13	NO	YES	1	-1.34506271 -1.0854496068 -
1.11017356				
## 410 2012-02-14	NO	YES	2	-0.94857179 -0.9820289892 -
0.85156790				
## 411 2012-02-15	NO	YES	1	-0.89193023 -1.0337392980 -
0.59296225				
## 412 2012-02-16	NO	YES	2	-1.00521335 -1.0337392980
0.82936885				
## 413 2012-02-17	NO	YES	1	-0.77864711 -0.9820289892 -
1.14249926				
## 414 2012-02-18	NO	NO	1	-0.83528867 -1.0854496068 -
1.23947638				
## 415 2012-02-19	NO	NO	2	-1.28842115 -1.4474217685 -
0.72226507				
## 416 2012-02-20	YES	YES	1	-1.34506271 -1.2405805333 -
0.98087073				
## 417 2012-02-21	NO	YES	1	-1.00521335 -1.2922908421
0.11820330				
## 418 2012-02-22	NO	YES	1	-0.38215619 -0.3615052834 -
0.39900801				
## 419 2012-02-23	NO	YES	1	-0.32551463 -0.3097949746 -
0.52831083				
## 420 2012-02-24	NO	YES	2	-0.55208087 -0.5166362098
1.05564880				
## 421 2012-02-25	NO	NO	1	-1.11849647 -1.4474217685 -
1.49808204				
## 422 2012-02-26	NO	NO	1	-1.28842115 -1.3440011509 -
1.36877921				
## 423 2012-02-27	NO	YES	1	-0.55208087 -0.5166362098 -
1.17482497				
## 424 2012-02-28	NO	YES	1	-0.83528867 -0.9303186804 -
1.53040775				
## 425 2012-02-29	NO	YES	2	-0.77864711 -1.0337392980
1.54053440				
## 426 2012-03-01	NO	YES	1	-0.21223151 -0.2063743570 -
0.85156790				
## 427 2012-03-02	NO	YES	2	-0.77864711 -0.9303186804
0.50611178				
## 428 2012-03-03	NO	NO	2	-0.55208087 -0.5166362098 -
0.78691649				
## 429 2012-03-04	NO	NO	1	-1.00521335 -1.3957114597 -
1.33645350				
## 430 2012-03-05	NO	YES	1	-1.45834583 -1.4991320773 -
0.56063654				
## 431 2012-03-06	NO	YES	1	-1.23177959 -1.2405805333 -
0.94854502				
## 432 2012-03-07	NO	YES	1	-0.32551463 -0.3097949746 -

0.39900801						
## 433 2012-03-08	NO	YES	1	0.35418409	0.3107287312	-
0.78691649						
## 434 2012-03-09	NO	YES	2	-0.66536399	-0.9303186804	-
1.88599052						
## 435 2012-03-10	NO	NO	1	-1.34506271	-1.3440011509	-
1.43343062						
## 436 2012-03-11	NO	NO	1	-0.60872243	-0.6200568275	-
0.85156790						
## 437 2012-03-12	NO	YES	1	0.07097629	0.0521771871	-
0.85156790						
## 438 2012-03-13	NO	YES	1	0.29754253	0.2590184224	-
0.20505377						
## 439 2012-03-14	NO	YES	1	0.35418409	0.3107287312	-
1.11017356						
## 440 2012-03-15	NO	YES	1	0.12761785	0.1038874959	-
0.10807664						
## 441 2012-03-16	NO	YES	2	-0.32551463	-0.3097949746	
1.60518582						
## 442 2012-03-17	NO	NO	2	0.12761785	0.1038874959	
0.89402027						
## 443 2012-03-18	NO	NO	2	-0.21223151	-0.2063743570	
1.21727733						
## 444 2012-03-19	NO	YES	1	0.35418409	0.3107287312	
0.60308891						
## 445 2012-03-20	NO	YES	1	0.24090097	0.2073081136	
1.28192875						
## 446 2012-03-21	NO	YES	2	0.12761785	0.1038874959	
1.28192875						
## 447 2012-03-22	NO	YES	1	0.41082565	0.3624390400	
1.12030021						
## 448 2012-03-23	NO	YES	2	0.58075033	0.5175699665	
0.37680896						
## 449 2012-03-24	NO	NO	2	0.01433473	0.0004668783	
1.99309430						
## 450 2012-03-25	NO	NO	2	-0.43879775	-0.4132155922	
1.60518582						
## 451 2012-03-26	NO	YES	1	-0.26887307	-0.2580846658	-
1.98296764						
## 452 2012-03-27	NO	YES	1	-1.00521335	-1.1371599156	-
2.07994476						
## 453 2012-03-28	NO	YES	1	0.24090097	0.2073081136	-
1.11017356						
## 454 2012-03-29	NO	YES	1	-0.04230683	-0.0512434305	-
1.23947638						
## 455 2012-03-30	NO	YES	2	-0.72200555	-0.7751877539	-
0.36668230						
## 456 2012-03-31	NO	NO	2	-0.55208087	-0.5166362098	
0.82936885						
## 457 2012-04-01	NO	NO	2	-0.38215619	-0.3615052834	

0.53843749					
## 458 2012-04-02	NO	YES	1	-0.32551463	-0.3097949746 -
1.23947638					
## 459 2012-04-03	NO	YES	1	-0.04230683	-0.0512434305 -
1.36877921					
## 460 2012-04-04	NO	YES	1	0.35418409	0.3107287312 -
1.11017356					
## 461 2012-04-05	NO	YES	1	-0.43879775	-0.4132155922 -
1.62738487					
## 462 2012-04-06	NO	YES	1	-0.49543931	-0.4649259010 -
1.82133911					
## 463 2012-04-07	NO	NO	1	-0.26887307	-0.2580846658 -
2.56483036					
## 464 2012-04-08	NO	NO	1	0.01433473	0.0004668783 -
2.43552754					
## 465 2012-04-09	NO	YES	1	-0.15558995	-0.1546640481 -
2.07994476					
## 466 2012-04-10	NO	YES	1	-0.38215619	-0.3615052834 -
1.65971057					
## 467 2012-04-11	NO	YES	1	-0.89193023	-1.1371599156 -
0.91621932					
## 468 2012-04-12	NO	YES	1	-0.43879775	-0.4132155922 -
1.53040775					
## 469 2012-04-13	NO	YES	1	-0.32551463	-0.3097949746 -
1.53040775					
## 470 2012-04-14	NO	NO	1	0.24090097	0.2073081136 -
0.72226507					
## 471 2012-04-15	NO	NO	1	0.75067501	0.6727008929 -
0.78691649					
## 472 2012-04-16	YES	YES	1	0.97724125	0.8795421282 -
0.49598513					
## 473 2012-04-17	NO	YES	1	0.58075033	0.5175699665 -
1.98296764					
## 474 2012-04-18	NO	YES	2	-0.21223151	-0.2063743570 -
0.52831083					
## 475 2012-04-19	NO	YES	1	0.07097629	0.0521771871 -
0.14040235					
## 476 2012-04-20	NO	YES	1	0.18425941	0.1555978047
0.47378608					
## 477 2012-04-21	NO	NO	1	0.12761785	0.1038874959
0.92634597					
## 478 2012-04-22	NO	NO	3	-0.66536399	-0.9303186804
1.21727733					
## 479 2012-04-23	NO	YES	2	-1.00521335	-1.2405805333
0.82936885					
## 480 2012-04-24	NO	YES	1	-0.32551463	-0.3097949746 -
1.69203628					
## 481 2012-04-25	NO	YES	1	0.07097629	0.0521771871 -
1.07784785					
## 482 2012-04-26	NO	YES	2	0.01433473	0.0004668783

1.08797451					
## 483 2012-04-27	NO	YES	1	-0.32551463	-0.3097949746 -
1.62738487					
## 484 2012-04-28	NO	NO	2	-0.66536399	-0.7751877539 -
1.07784785					
## 485 2012-04-29	NO	NO	1	-0.15558995	-0.1546640481 -
0.52831083					
## 486 2012-04-30	NO	YES	2	-0.32551463	-0.3097949746 -
0.46365942					
## 487 2012-05-01	NO	YES	2	0.75067501	0.6727008929
0.11820330					
## 488 2012-05-02	NO	YES	1	0.35418409	0.3107287312
1.28192875					
## 489 2012-05-03	NO	YES	2	0.46746721	0.4141493488
0.95867168					
## 490 2012-05-04	NO	YES	1	0.63739189	0.5692802753
0.95867168					
## 491 2012-05-05	NO	NO	2	0.58075033	0.5175699665
0.95867168					
## 492 2012-05-06	NO	NO	2	0.29754253	0.2590184224
0.76471744					
## 493 2012-05-07	NO	YES	2	0.24090097	0.2073081136 -
0.07575094					
## 494 2012-05-08	NO	YES	2	0.58075033	0.5175699665
0.37680896					
## 495 2012-05-09	NO	YES	2	0.35418409	0.3107287312
1.08797451					
## 496 2012-05-10	NO	YES	1	0.01433473	0.0004668783 -
0.91621932					
## 497 2012-05-11	NO	YES	1	0.29754253	0.2590184224 -
1.75668769					
## 498 2012-05-12	NO	NO	1	0.41082565	0.3624390400 -
0.91621932					
## 499 2012-05-13	NO	NO	1	0.69403345	0.6209905841 -
0.39900801					
## 500 2012-05-14	NO	YES	2	0.46746721	0.4141493488
1.28192875					
## 501 2012-05-15	NO	YES	2	0.63739189	0.5692802753
0.95867168					
## 502 2012-05-16	NO	YES	1	0.80731657	0.7244112017
0.70006603					
## 503 2012-05-17	NO	YES	1	0.58075033	0.5175699665 -
0.91621932					
## 504 2012-05-18	NO	YES	1	0.46746721	0.4141493488 -
1.01319644					
## 505 2012-05-19	NO	NO	1	0.63739189	0.5175699665 -
1.17482497					
## 506 2012-05-20	NO	NO	1	0.80731657	0.7244112017 -
0.72226507					
## 507 2012-05-21	NO	YES	2	0.58075033	0.5175699665



1.28192875						
## 508 2012-05-22	NO	YES	2	0.69403345	0.6209905841	
0.95867168						
## 509 2012-05-23	NO	YES	2	0.69403345	0.6209905841	
1.28192875						
## 510 2012-05-24	NO	YES	1	0.80731657	0.7244112017	
0.63541461						
## 511 2012-05-25	NO	YES	1	0.97724125	0.9829627458	
0.99099739						
## 512 2012-05-26	NO	NO	1	1.14716593	1.1380936722	
0.70006603						
## 513 2012-05-27	NO	NO	1	0.92059969	0.8795421282	
0.70006603						
## 514 2012-05-28	YES	YES	1	1.26044905	1.3449349075	
0.18285472						
## 515 2012-05-29	NO	YES	1	1.14716593	1.2415142899	
0.44146037						
## 516 2012-05-30	NO	YES	2	0.80731657	0.8278318193	
0.37680896						
## 517 2012-05-31	NO	YES	1	0.92059969	0.8278318193	-
1.04552214						
## 518 2012-06-01	NO	YES	2	0.80731657	0.7244112017	
0.95867168						
## 519 2012-06-02	NO	NO	1	0.46746721	0.4141493488	-
0.91621932						
## 520 2012-06-03	NO	NO	1	0.69403345	0.5175699665	-
1.17482497						
## 521 2012-06-04	NO	YES	1	0.58075033	0.5175699665	-
1.07784785						
## 522 2012-06-05	NO	YES	2	0.24090097	0.2073081136	-
0.46365942						
## 523 2012-06-06	NO	YES	1	0.24090097	0.2073081136	
0.31215754						
## 524 2012-06-07	NO	YES	1	0.58075033	0.5175699665	-
0.88389361						
## 525 2012-06-08	NO	YES	1	0.97724125	0.8795421282	-
1.20715068						
## 526 2012-06-09	NO	NO	1	1.14716593	1.0863833634	-
0.81924220						
## 527 2012-06-10	NO	NO	1	1.26044905	1.2415142899	-
0.33435659						
## 528 2012-06-11	NO	YES	2	1.26044905	1.2415142899	-
0.33435659						
## 529 2012-06-12	NO	YES	2	0.92059969	0.9312524370	
1.60518582						
## 530 2012-06-13	NO	YES	1	0.80731657	0.7244112017	-
0.75459078						
## 531 2012-06-14	NO	YES	1	0.80731657	0.7244112017	-
0.39900801						
## 532 2012-06-15	NO	YES	1	0.80731657	0.7244112017	-

0.65761366						
## 533 2012-06-16	NO	NO	1	0.75067501	0.6727008929	-
0.75459078						
## 534 2012-06-17	NO	NO	1	0.52410877	0.4658596576	-
0.30203089						
## 535 2012-06-18	NO	YES	2	0.41082565	0.3624390400	
0.95867168						
## 536 2012-06-19	NO	YES	1	1.14716593	1.1898039810	
0.70006603						
## 537 2012-06-20	NO	YES	1	1.82686465	1.7586173780	-
0.72226507						
## 538 2012-06-21	NO	YES	1	1.77022309	1.9654586133	-
0.62528795						
## 539 2012-06-22	NO	YES	1	1.48701529	1.6551967604	-
0.33435659						
## 540 2012-06-23	NO	NO	1	1.37373217	1.2415142899	-
1.14249926						
## 541 2012-06-24	NO	NO	1	1.48701529	1.3449349075	-
0.78691649						
## 542 2012-06-25	NO	YES	1	1.14716593	1.1380936722	-
1.17482497						
## 543 2012-06-26	NO	YES	1	0.75067501	0.5692802753	-
1.78901340						
## 544 2012-06-27	NO	YES	1	1.20380749	1.0863833634	-
1.62738487						
## 545 2012-06-28	NO	YES	1	1.37373217	1.2415142899	-
0.98087073						
## 546 2012-06-29	NO	YES	1	1.94014777	2.3274307750	-
0.72226507						
## 547 2012-06-30	NO	NO	1	1.60029841	1.7586173780	-
0.07575094						
## 548 2012-07-01	NO	NO	1	1.82686465	1.7586173780	-
1.23947638						
## 549 2012-07-02	NO	YES	1	1.48701529	1.4483555251	-
0.78691649						
## 550 2012-07-03	NO	YES	1	1.43037373	1.4483555251	-
0.56063654						
## 551 2012-07-04	YES	YES	1	1.77022309	1.7069070692	-
0.75459078						
## 552 2012-07-05	NO	YES	1	1.94014777	2.0688792309	-
1.01319644						
## 553 2012-07-06	NO	YES	1	1.82686465	1.8103276868	-
1.53040775						
## 554 2012-07-07	NO	NO	1	2.05343089	2.3274307750	-
1.07784785						
## 555 2012-07-08	NO	NO	1	1.71358153	2.0688792309	-
0.26970518						
## 556 2012-07-09	NO	YES	2	1.14716593	1.2415142899	
0.11820330						
## 557 2012-07-10	NO	YES	2	1.14716593	1.1380936722	

0.70006603						
## 558 2012-07-11	NO	YES	1	1.26044905	1.2415142899	-
0.33435659						
## 559 2012-07-12	NO	YES	1	1.26044905	1.1380936722	-
0.78691649						
## 560 2012-07-13	NO	YES	2	1.37373217	1.2415142899	-
0.98087073						
## 561 2012-07-14	NO	NO	2	1.14716593	1.2415142899	
0.70006603						
## 562 2012-07-15	NO	NO	1	1.26044905	1.4483555251	
1.02332309						
## 563 2012-07-16	NO	YES	1	1.48701529	1.6034864516	
0.05355189						
## 564 2012-07-17	NO	YES	1	1.82686465	1.8620379956	-
0.81924220						
## 565 2012-07-18	NO	YES	1	1.48701529	1.5517761428	-
0.07575094						
## 566 2012-07-19	NO	YES	1	1.48701529	1.5517761428	-
0.33435659						
## 567 2012-07-20	NO	YES	2	0.92059969	0.9312524370	
1.31425446						
## 568 2012-07-21	NO	NO	3	0.58075033	0.5175699665	
1.60518582						
## 569 2012-07-22	NO	NO	2	0.92059969	0.8278318193	
0.70006603						
## 570 2012-07-23	NO	YES	1	1.43037373	1.5517761428	-
0.07575094						
## 571 2012-07-24	NO	YES	1	1.37373217	1.5000658339	
0.05355189						
## 572 2012-07-25	NO	YES	1	1.26044905	1.1380936722	-
1.43343062						
## 573 2012-07-26	NO	YES	1	1.31709061	1.4483555251	
0.15052901						
## 574 2012-07-27	NO	YES	1	1.60029841	1.7586173780	-
0.26970518						
## 575 2012-07-28	NO	NO	1	1.37373217	1.4483555251	
0.18285472						
## 576 2012-07-29	NO	NO	1	1.26044905	1.2932245987	
0.15052901						
## 577 2012-07-30	NO	YES	1	1.26044905	1.3449349075	
0.44146037						
## 578 2012-07-31	NO	YES	1	1.14716593	1.1898039810	
0.57076320						
## 579 2012-08-01	NO	YES	1	1.26044905	1.3449349075	
0.44146037						
## 580 2012-08-02	NO	YES	1	1.48701529	1.6551967604	
0.18285472						
## 581 2012-08-03	NO	YES	2	1.48701529	1.7069070692	
0.18285472						
## 582 2012-08-04	NO	NO	1	1.65693997	1.9137483045	-

0.04342523					
## 583 2012-08-05	NO	NO	1	1.37373217	1.5517761428
0.44146037					
## 584 2012-08-06	NO	YES	2	1.37373217	1.5517761428
0.44146037					
## 585 2012-08-07	NO	YES	2	1.26044905	1.4483555251
0.44146037					
## 586 2012-08-08	NO	YES	2	1.37373217	1.5000658339
0.18285472					
## 587 2012-08-09	NO	YES	1	1.26044905	1.3449349075 -
0.33435659					
## 588 2012-08-10	NO	YES	2	1.26044905	1.3449349075
0.44146037					
## 589 2012-08-11	NO	NO	2	0.92059969	0.9312524370
0.95867168					
## 590 2012-08-12	NO	NO	1	1.14716593	1.0346730546 -
0.78691649					
## 591 2012-08-13	NO	YES	1	1.31709061	1.2932245987 -
0.20505377					
## 592 2012-08-14	NO	YES	1	1.26044905	1.3449349075
0.44146037					
## 593 2012-08-15	NO	YES	1	1.14716593	1.1380936722 -
0.14040235					
## 594 2012-08-16	NO	YES	1	1.31709061	1.2415142899 -
0.88389361					
## 595 2012-08-17	NO	YES	1	1.09052437	1.0346730546 -
0.33435659					
## 596 2012-08-18	NO	NO	1	0.92059969	0.8278318193 -
0.14040235					
## 597 2012-08-19	NO	NO	2	0.80731657	0.7244112017
0.63541461					
## 598 2012-08-20	NO	YES	2	0.69403345	0.6209905841
0.95867168					
## 599 2012-08-21	NO	YES	1	0.80731657	0.7244112017
0.70006603					
## 600 2012-08-22	NO	YES	1	0.80731657	0.7761215105
0.70006603					
## 601 2012-08-23	NO	YES	1	1.14716593	1.1380936722 -
0.14040235					
## 602 2012-08-24	NO	YES	2	1.14716593	1.1380936722 -
0.10807664					
## 603 2012-08-25	NO	NO	2	0.92059969	0.8278318193
0.70006603					
## 604 2012-08-26	NO	NO	2	0.80731657	0.8278318193
1.66983723					
## 605 2012-08-27	NO	YES	1	1.26044905	1.3449349075
0.70006603					
## 606 2012-08-28	NO	YES	1	1.20380749	1.1898039810 -
0.46365942					
## 607 2012-08-29	NO	YES	1	0.97724125	0.8795421282 -

0.59296225						
## 608 2012-08-30	NO	YES	1	1.20380749	1.1898039810	-
0.10807664						
## 609 2012-08-31	NO	YES	1	1.48701529	1.5517761428	-
0.07575094						
## 610 2012-09-01	NO	NO	2	1.48701529	1.5517761428	-
0.20505377						
## 611 2012-09-02	NO	NO	2	1.14716593	1.1898039810	
1.34658016						
## 612 2012-09-03	YES	YES	1	1.14716593	1.2415142899	
1.28192875						
## 613 2012-09-04	NO	YES	1	1.37373217	1.5517761428	
0.70006603						
## 614 2012-09-05	NO	YES	1	1.26044905	1.4483555251	
0.70006603						
## 615 2012-09-06	NO	YES	2	1.14716593	1.2415142899	
1.34658016						
## 616 2012-09-07	NO	YES	1	1.14716593	1.2415142899	
0.70006603						
## 617 2012-09-08	NO	NO	2	0.92059969	0.9312524370	
1.60518582						
## 618 2012-09-09	NO	NO	1	0.63739189	0.5175699665	-
0.81924220						
## 619 2012-09-10	NO	YES	1	0.58075033	0.5175699665	-
0.85156790						
## 620 2012-09-11	NO	YES	1	0.41082565	0.3624390400	-
0.36668230						
## 621 2012-09-12	NO	YES	1	0.58075033	0.5175699665	-
0.04342523						
## 622 2012-09-13	NO	YES	1	0.63739189	0.5692802753	
0.24750613						
## 623 2012-09-14	NO	YES	1	0.69403345	0.6209905841	
0.63541461						
## 624 2012-09-15	NO	NO	1	0.58075033	0.5175699665	-
1.11017356						
## 625 2012-09-16	NO	NO	1	0.52410877	0.4658596576	-
0.30203089						
## 626 2012-09-17	NO	YES	2	0.69403345	0.6209905841	
0.63541461						
## 627 2012-09-18	NO	YES	2	0.69403345	0.7244112017	
1.60518582						
## 628 2012-09-19	NO	YES	1	0.24090097	0.2073081136	-
0.26970518						
## 629 2012-09-20	NO	YES	1	0.35418409	0.3107287312	
0.02122618						
## 630 2012-09-21	NO	YES	1	0.58075033	0.5175699665	
0.37680896						
## 631 2012-09-22	NO	NO	1	0.80731657	0.7244112017	-
0.33435659						
## 632 2012-09-23	NO	NO	1	0.12761785	0.1038874959	-

1.01319644						
## 633 2012-09-24	NO	YES	1	0.07097629	0.0521771871	-
0.72226507						
## 634 2012-09-25	NO	YES	1	0.58075033	0.5175699665	-
0.39900801						
## 635 2012-09-26	NO	YES	1	0.69403345	0.6209905841	
0.05355189						
## 636 2012-09-27	NO	YES	2	0.58075033	0.5175699665	
0.95867168						
## 637 2012-09-28	NO	YES	2	0.68270514	0.6727008929	
0.35094839						
## 638 2012-09-29	NO	NO	1	0.22957266	0.2383342989	-
0.48951999						
## 639 2012-09-30	NO	NO	1	0.16160279	0.1866239900	-
0.34082173						
## 640 2012-10-01	NO	YES	2	0.13894616	0.0935454342	
0.12466844						
## 641 2012-10-02	NO	YES	3	0.56942202	0.4451755341	
1.70216294						
## 642 2012-10-03	NO	YES	2	0.84130151	0.8485159429	
1.28192875						
## 643 2012-10-04	NO	YES	2	0.88661475	0.8174897576	
0.65481004						
## 644 2012-10-05	NO	YES	1	0.67137683	0.6416747076	-
0.04342523						
## 645 2012-10-06	NO	NO	1	0.32019916	0.3314128547	
0.18931986						
## 646 2012-10-07	NO	NO	2	-0.48411100	-0.5062941481	
0.64834489						
## 647 2012-10-08	YES	YES	2	-0.65403568	-0.6510830128	
0.55783292						
## 648 2012-10-09	NO	YES	2	-0.34817125	-0.2787687893	
0.90048541						
## 649 2012-10-10	NO	YES	1	0.01433473	0.1245716195	
0.41559981						
## 650 2012-10-11	NO	YES	1	-0.33684294	-0.2787687893	-
1.13603412						
## 651 2012-10-12	NO	YES	1	-0.33684294	-0.2477426040	-
0.59296225						
## 652 2012-10-13	NO	NO	1	-0.59739412	-0.5580044569	-
0.85156790						
## 653 2012-10-14	NO	NO	1	0.15027448	0.1555978047	
0.02769132						
## 654 2012-10-15	NO	YES	2	0.39949734	0.2176501753	
0.54490263						
## 655 2012-10-16	NO	YES	1	-0.16691826	-0.1650061099	-
0.47658970						
## 656 2012-10-17	NO	YES	1	-0.21223151	-0.1339799246	
0.33155297						
## 657 2012-10-18	NO	YES	2	0.11628954	0.0935454342	

0.62248433					
## 658 2012-10-19	NO	YES	2	0.38816903	0.3314128547
1.22374248					
## 659 2012-10-20	NO	NO	1	-0.06496345	-0.0719275540 -
0.38607772					
## 660 2012-10-21	NO	NO	1	-0.18957488	-0.1650061099 -
0.78045135					
## 661 2012-10-22	NO	YES	1	-0.03097852	-0.0202172452 -
0.50891541					
## 662 2012-10-23	NO	YES	1	0.32019916	0.2176501753 -
0.01756467					
## 663 2012-10-24	NO	YES	1	0.51278046	0.5899643988
0.01476104					
## 664 2012-10-25	NO	YES	2	0.26355760	0.3520969782
1.17848649					
## 665 2012-10-26	NO	YES	2	0.26355760	0.3314128547
1.17848649					
## 666 2012-10-27	NO	NO	2	0.16160279	0.2176501753
0.58369348					
## 667 2012-10-28	NO	NO	2	-0.13293332	-0.1650061099
0.39620438					
## 668 2012-10-29	NO	YES	3	-0.59739412	-0.5580044569
1.37890587					
## 669 2012-10-30	NO	YES	2	-1.08451153	-0.9613448657
1.45002242					
## 670 2012-10-31	NO	YES	2	-0.80130373	-0.7338195069
0.35741353					
## 671 2012-11-01	NO	YES	2	-0.74466217	-0.7648456922 -
0.34728688					
## 672 2012-11-02	NO	YES	1	-0.80130373	-0.7338195069 -
0.70933479					
## 673 2012-11-03	NO	NO	2	-0.86927360	-0.8165560010 -
0.85156790					
## 674 2012-11-04	NO	NO	1	-0.98255672	-0.8786083716 -
0.58649711					
## 675 2012-11-05	NO	YES	1	-1.02786997	-0.9613448657 -
0.87742847					
## 676 2012-11-06	NO	YES	1	-1.22045128	-1.1371599156 -
0.37961258					
## 677 2012-11-07	NO	YES	2	-1.15248140	-1.0751075451 -
0.48305484					
## 678 2012-11-08	NO	YES	1	-0.84661698	-0.7027933216 -
1.84719967					
## 679 2012-11-09	NO	YES	1	-0.76731880	-0.7338195069 -
0.47658970					
## 680 2012-11-10	NO	NO	1	-0.60872243	-0.5580044569
0.11173816					
## 681 2012-11-11	NO	NO	1	-0.41614112	-0.2477426040
0.18285472					
## 682 2012-11-12	YES	YES	1	-0.03097852	-0.0409013688

0.71946145				
## 683 2012-11-13	NO	YES	2	-0.91458685 -0.7338195069
0.43499523				
## 684 2012-11-14	NO	YES	1	-1.18646634 -1.0751075451 -
0.46365942				
## 685 2012-11-15	NO	YES	2	-0.99388504 -0.9406607421 -
0.08221608				
## 686 2012-11-16	NO	YES	1	-0.86927360 -0.7338195069 -
0.67700909				
## 687 2012-11-17	NO	NO	1	-0.97122841 -0.9096345568 -
0.53477598				
## 688 2012-11-18	NO	NO	1	-0.86927360 -0.7958718775
0.42206495				
## 689 2012-11-19	NO	YES	2	-0.67669230 -0.5890306422 -
0.01756467				
## 690 2012-11-20	NO	YES	2	-0.69934892 -0.5580044569
0.38973924				
## 691 2012-11-21	NO	YES	1	-0.81263204 -0.7027933216 -
0.12100693				
## 692 2012-11-22	YES	YES	1	-0.90325854 -0.7648456922 -
0.30849603				
## 693 2012-11-23	NO	YES	1	-0.69934892 -0.7027933216 -
0.47012456				
## 694 2012-11-24	NO	NO	1	-1.27709284 -1.1061337303 -
1.42696548				
## 695 2012-11-25	NO	NO	1	-1.43568920 -1.2819487803 -
0.92914960				
## 696 2012-11-26	NO	YES	1	-1.01654166 -0.9613448657 -
0.61882281				
## 697 2012-11-27	NO	YES	2	-1.17513803 -1.1371599156
1.09443965				
## 698 2012-11-28	NO	YES	1	-1.14115309 -1.0233972362 -
0.86449818				
## 699 2012-11-29	NO	YES	1	-1.00521335 -1.0854496068 -
1.07784785				
## 700 2012-11-30	NO	YES	1	-1.57162895 -1.4474217685
0.82936885				
## 701 2012-12-01	NO	NO	2	-1.15248140 -1.1371599156
1.21081219				
## 702 2012-12-02	NO	NO	2	-0.43879775 -0.4132155922
1.21727733				
## 703 2012-12-03	NO	YES	1	-0.04230683 -0.0512434305
0.60308891				
## 704 2012-12-04	NO	YES	1	-0.09894839 -0.1029537393
0.31215754				
## 705 2012-12-05	NO	YES	1	-0.32551463 -0.3097949746 -
1.04552214				
## 706 2012-12-06	NO	YES	1	-1.45834583 -1.3957114597 -
0.72226507				
## 707 2012-12-07	NO	YES	2	-0.94857179 -1.0854496068



0.82936885					
## 708 2012-12-08	NO	NO	2	-0.66536399	-0.6717671363
1.99309430					
## 709 2012-12-09	NO	NO	2	-0.55208087	-0.5166362098
1.60518582					
## 710 2012-12-10	NO	YES	2	-0.32551463	-0.3097949746
1.99309430					
## 711 2012-12-11	NO	YES	2	-0.89193023	-1.1371599156 -
0.20505377					
## 712 2012-12-12	NO	YES	2	-1.11849647	-1.3440011509 -
0.52831083					
## 713 2012-12-13	NO	YES	1	-1.23177959	-1.2405805333 -
0.65761366					
## 714 2012-12-14	NO	YES	1	-1.23177959	-1.2405805333
0.44146037					
## 715 2012-12-15	NO	NO	1	-0.77864711	-0.9303186804 -
0.07575094					
## 716 2012-12-16	NO	NO	2	-0.77864711	-0.8268980627
1.54053440					
## 717 2012-12-17	NO	YES	2	-0.55208087	-0.5166362098
1.79914006					
## 718 2012-12-18	NO	YES	1	-0.49543931	-0.4649259010 -
0.07575094					
## 719 2012-12-19	NO	YES	1	-1.00521335	-1.1371599156 -
0.07575094					
## 720 2012-12-20	NO	YES	2	-0.89193023	-1.0337392980
0.50611178					
## 721 2012-12-21	NO	YES	2	-1.00521335	-1.3440011509 -
1.17482497					
## 722 2012-12-22	NO	NO	1	-1.34506271	-1.5508423862 -
1.17482497					
## 723 2012-12-23	NO	NO	1	-1.45834583	-1.3440011509 -
0.78691649					
## 724 2012-12-24	NO	YES	2	-1.45834583	-1.5508423862
1.08797451					
## 725 2012-12-25	YES	YES	2	-1.17513803	-1.2922908421
0.66774032					
## 726 2012-12-26	NO	YES	3	-1.51498739	-1.3440011509
1.54053440					
## 727 2012-12-27	NO	YES	2	-1.45834583	-1.5508423862 -
0.20505377					
## 728 2012-12-28	NO	YES	2	-1.45834583	-1.5508423862 -
0.20505377					
## 729 2012-12-29	NO	NO	2	-1.45834583	-1.4474217685
0.76471744					
## 730 2012-12-30	NO	NO	1	-1.34506271	-1.5508423862 -
0.78691649					
## 731 2012-12-31	NO	YES	2	-1.45834583	-1.4474217685 -
0.26970518					
##	WINDSPEED	CASUAL	REGISTERED	COUNT	date MONTH

## 1	0.75557339	331	654	985	2011-01-01	January
## 2	0.75557339	131	670	801	2011-01-02	January
## 3	0.93616826	120	1229	1349	2011-01-03	January
## 4	-0.68918562	108	1454	1562	2011-01-04	January
## 5	0.03319388	82	1518	1600	2011-01-05	January
## 6	-1.23097025	88	1518	1606	2011-01-06	January
## 7	-0.32799587	148	1362	1510	2011-01-07	January
## 8	0.75557339	68	891	959	2011-01-08	January
## 9	2.20033239	54	768	822	2011-01-09	January
## 10	0.39438363	41	1280	1321	2011-01-10	January
## 11	-1.05037537	43	1220	1263	2011-01-11	January
## 12	1.65854777	25	1137	1162	2011-01-12	January
## 13	1.29735801	38	1368	1406	2011-01-13	January
## 14	-0.86978050	54	1367	1421	2011-01-14	January
## 15	-0.14740099	222	1026	1248	2011-01-15	January
## 16	0.39438363	251	953	1204	2011-01-16	January
## 17	0.03319388	117	883	1000	2011-01-17	January
## 18	0.21378876	9	674	683	2011-01-18	January
## 19	-0.50859075	78	1572	1650	2011-01-19	January
## 20	0.39438363	83	1844	1927	2011-01-20	January
## 21	1.65854777	75	1468	1543	2011-01-21	January
## 22	-0.32799587	93	888	981	2011-01-22	January
## 23	0.39438363	150	836	986	2011-01-23	January
## 24	0.03319388	86	1330	1416	2011-01-24	January
## 25	-0.68918562	186	1799	1985	2011-01-25	January
## 26	1.65854777	34	472	506	2011-01-26	January
## 27	-0.14740099	15	416	431	2011-01-27	January
## 28	-1.05037537	38	1129	1167	2011-01-28	January
## 29	-0.68918562	123	975	1098	2011-01-29	January
## 30	-2.31453951	140	956	1096	2011-01-30	January
## 31	0.03319388	42	1459	1501	2011-01-31	January
## 32	-2.31453951	47	1313	1360	2011-02-01	February
## 33	0.57497851	72	1454	1526	2011-02-02	February
## 34	1.29735801	61	1489	1550	2011-02-03	February
## 35	-0.68918562	88	1620	1708	2011-02-04	February
## 36	-0.50859075	100	905	1005	2011-02-05	February
## 37	-1.05037537	354	1269	1623	2011-02-06	February
## 38	-2.31453951	120	1592	1712	2011-02-07	February
## 39	2.56152214	64	1466	1530	2011-02-08	February
## 40	-0.14740099	53	1552	1605	2011-02-09	February
## 41	0.39438363	47	1491	1538	2011-02-10	February
## 42	-1.23097025	149	1597	1746	2011-02-11	February
## 43	-0.50859075	288	1184	1472	2011-02-12	February
## 44	1.29735801	397	1192	1589	2011-02-13	February
## 45	2.92271190	208	1705	1913	2011-02-14	February
## 46	0.75557339	140	1675	1815	2011-02-15	February
## 47	0.39438363	218	1897	2115	2011-02-16	February
## 48	0.39438363	259	2216	2475	2011-02-17	February
## 49	0.57497851	579	2348	2927	2011-02-18	February
## 50	4.00628115	532	1103	1635	2011-02-19	February

## 51	-0.32799587	639	1173	1812	2011-02-20	February
## 52	1.29735801	195	912	1107	2011-02-21	February
## 53	0.75557339	74	1376	1450	2011-02-22	February
## 54	-1.23097025	139	1778	1917	2011-02-23	February
## 55	1.11676314	100	1707	1807	2011-02-24	February
## 56	2.01973752	120	1341	1461	2011-02-25	February
## 57	0.21378876	424	1545	1969	2011-02-26	February
## 58	-0.68918562	694	1708	2402	2011-02-27	February
## 59	1.20706058	81	1365	1446	2011-02-28	February
## 60	0.21378876	137	1714	1851	2011-03-01	March
## 61	1.20706058	231	1903	2134	2011-03-02	March
## 62	0.03319388	123	1562	1685	2011-03-03	March
## 63	0.03319388	214	1730	1944	2011-03-04	March
## 64	1.20706058	640	1437	2077	2011-03-05	March
## 65	1.47795289	114	491	605	2011-03-06	March
## 66	2.38092727	244	1628	1872	2011-03-07	March
## 67	-0.86978050	316	1817	2133	2011-03-08	March
## 68	0.75557339	191	1700	1891	2011-03-09	March
## 69	0.75557339	46	577	623	2011-03-10	March
## 70	0.75557339	247	1730	1977	2011-03-11	March
## 71	0.03319388	724	1408	2132	2011-03-12	March
## 72	1.29735801	982	1435	2417	2011-03-13	March
## 73	-0.68918562	359	1687	2046	2011-03-14	March
## 74	0.03319388	289	1767	2056	2011-03-15	March
## 75	0.03319388	321	1871	2192	2011-03-16	March
## 76	0.39438363	424	2320	2744	2011-03-17	March
## 77	0.39438363	884	2355	3239	2011-03-18	March
## 78	2.20033239	1424	1693	3117	2011-03-19	March
## 79	0.39438363	1047	1424	2471	2011-03-20	March
## 80	1.20706058	401	1676	2077	2011-03-21	March
## 81	0.57497851	460	2243	2703	2011-03-22	March
## 82	0.39438363	203	1918	2121	2011-03-23	March
## 83	0.39438363	166	1699	1865	2011-03-24	March
## 84	0.75557339	300	1910	2210	2011-03-25	March
## 85	0.03319388	981	1515	2496	2011-03-26	March
## 86	-0.14740099	472	1221	1693	2011-03-27	March
## 87	0.39438363	222	1806	2028	2011-03-28	March
## 88	0.75557339	317	2108	2425	2011-03-29	March
## 89	0.39438363	168	1368	1536	2011-03-30	March
## 90	0.39438363	179	1506	1685	2011-03-31	March
## 91	0.75557339	307	1920	2227	2011-04-01	April
## 92	-0.32799587	898	1354	2252	2011-04-02	April
## 93	0.03319388	1651	1598	3249	2011-04-03	April
## 94	2.20033239	734	2381	3115	2011-04-04	April
## 95	2.74211702	167	1628	1795	2011-04-05	April
## 96	0.93616826	413	2395	2808	2011-04-06	April
## 97	0.03319388	571	2570	3141	2011-04-07	April
## 98	0.39438363	172	1299	1471	2011-04-08	April
## 99	-0.68918562	879	1576	2455	2011-04-09	April
## 100	-0.68918562	1188	1707	2895	2011-04-10	April

## 101	1.20706058	855	2493	3348	2011-04-11	April
## 102	1.11676314	257	1777	2034	2011-04-12	April
## 103	0.75557339	209	1953	2162	2011-04-13	April
## 104	-0.68918562	529	2738	3267	2011-04-14	April
## 105	0.75557339	642	2484	3126	2011-04-15	April
## 106	1.65854777	121	674	795	2011-04-16	April
## 107	1.65854777	1558	2186	3744	2011-04-17	April
## 108	-0.32799587	669	2760	3429	2011-04-18	April
## 109	-0.32799587	409	2795	3204	2011-04-19	April
## 110	0.75557339	613	3331	3944	2011-04-20	April
## 111	1.83914264	745	3444	4189	2011-04-21	April
## 112	0.39438363	177	1506	1683	2011-04-22	April
## 113	0.39438363	1462	2574	4036	2011-04-23	April
## 114	0.03319388	1710	2481	4191	2011-04-24	April
## 115	0.39438363	773	3300	4073	2011-04-25	April
## 116	1.65854777	678	3722	4400	2011-04-26	April
## 117	1.11676314	547	3325	3872	2011-04-27	April
## 118	1.65854777	569	3489	4058	2011-04-28	April
## 119	1.11676314	878	3717	4595	2011-04-29	April
## 120	0.39438363	1965	3347	5312	2011-04-30	April
## 121	-1.05037537	1138	2213	3351	2011-05-01	May
## 122	0.03319388	847	3554	4401	2011-05-02	May
## 123	1.83914264	603	3848	4451	2011-05-03	May
## 124	1.65854777	255	2378	2633	2011-05-04	May
## 125	0.75557339	614	3819	4433	2011-05-05	May
## 126	-0.32799587	894	3714	4608	2011-05-06	May
## 127	-0.32799587	1612	3102	4714	2011-05-07	May
## 128	-1.23097025	1401	2932	4333	2011-05-08	May
## 129	0.03319388	664	3698	4362	2011-05-09	May
## 130	-0.86978050	694	4109	4803	2011-05-10	May
## 131	-0.68918562	550	3632	4182	2011-05-11	May
## 132	0.03319388	695	4169	4864	2011-05-12	May
## 133	-0.32799587	692	3413	4105	2011-05-13	May
## 134	-0.68918562	902	2507	3409	2011-05-14	May
## 135	-0.68918562	1582	2971	4553	2011-05-15	May
## 136	-0.68918562	773	3185	3958	2011-05-16	May
## 137	1.29735801	678	3445	4123	2011-05-17	May
## 138	0.39438363	536	3319	3855	2011-05-18	May
## 139	-1.14067281	735	3840	4575	2011-05-19	May
## 140	-1.05037537	909	4008	4917	2011-05-20	May
## 141	-0.86978050	2258	3547	5805	2011-05-21	May
## 142	-0.68918562	1576	3084	4660	2011-05-22	May
## 143	0.39438363	836	3438	4274	2011-05-23	May
## 144	0.03319388	659	3833	4492	2011-05-24	May
## 145	-0.68918562	740	4238	4978	2011-05-25	May
## 146	-0.14740099	758	3919	4677	2011-05-26	May
## 147	0.75557339	871	3808	4679	2011-05-27	May
## 148	0.39438363	2001	2757	4758	2011-05-28	May
## 149	0.39438363	2355	2433	4788	2011-05-29	May
## 150	-1.05037537	1549	2549	4098	2011-05-30	May

## 151	-0.86978050	673	3309	3982	2011-05-31	May
## 152	0.03319388	513	3461	3974	2011-06-01	June
## 153	1.29735801	736	4232	4968	2011-06-02	June
## 154	1.11676314	898	4414	5312	2011-06-03	June
## 155	-1.05037537	1869	3473	5342	2011-06-04	June
## 156	-0.32799587	1685	3221	4906	2011-06-05	June
## 157	-0.68918562	673	3875	4548	2011-06-06	June
## 158	-0.14740099	763	4070	4833	2011-06-07	June
## 159	-0.68918562	676	3725	4401	2011-06-08	June
## 160	-0.50859075	563	3352	3915	2011-06-09	June
## 161	-0.68918562	815	3771	4586	2011-06-10	June
## 162	-0.50859075	1729	3237	4966	2011-06-11	June
## 163	-0.32799587	1467	2993	4460	2011-06-12	June
## 164	1.29735801	863	4157	5020	2011-06-13	June
## 165	0.93616826	727	4164	4891	2011-06-14	June
## 166	-0.32799587	769	4411	5180	2011-06-15	June
## 167	0.03319388	545	3222	3767	2011-06-16	June
## 168	-0.68918562	863	3981	4844	2011-06-17	June
## 169	-0.86978050	1807	3312	5119	2011-06-18	June
## 170	-1.05037537	1639	3105	4744	2011-06-19	June
## 171	-0.32799587	699	3311	4010	2011-06-20	June
## 172	-0.32799587	774	4061	4835	2011-06-21	June
## 173	-0.14740099	661	3846	4507	2011-06-22	June
## 174	0.39438363	746	4044	4790	2011-06-23	June
## 175	0.39438363	969	4022	4991	2011-06-24	June
## 176	0.03319388	1782	3420	5202	2011-06-25	June
## 177	-1.05037537	1920	3385	5305	2011-06-26	June
## 178	-0.68918562	854	3854	4708	2011-06-27	June
## 179	-0.32799587	732	3916	4648	2011-06-28	June
## 180	0.93616826	848	4377	5225	2011-06-29	June
## 181	0.03319388	1027	4488	5515	2011-06-30	June
## 182	-0.68918562	1246	4116	5362	2011-07-01	July
## 183	-1.05037537	2204	2915	5119	2011-07-02	July
## 184	-0.14740099	2282	2367	4649	2011-07-03	July
## 185	-1.23097025	3065	2978	6043	2011-07-04	July
## 186	-1.05037537	1031	3634	4665	2011-07-05	July
## 187	-0.32799587	784	3845	4629	2011-07-06	July
## 188	-0.32799587	754	3838	4592	2011-07-07	July
## 189	0.39438363	692	3348	4040	2011-07-08	July
## 190	-0.32799587	1988	3348	5336	2011-07-09	July
## 191	0.03319388	1743	3138	4881	2011-07-10	July
## 192	1.11676314	723	3363	4086	2011-07-11	July
## 193	0.03319388	662	3596	4258	2011-07-12	July
## 194	-0.32799587	748	3594	4342	2011-07-13	July
## 195	0.75557339	888	4196	5084	2011-07-14	July
## 196	0.03319388	1318	4220	5538	2011-07-15	July
## 197	0.39438363	2418	3505	5923	2011-07-16	July
## 198	0.39438363	2006	3296	5302	2011-07-17	July
## 199	0.39438363	841	3617	4458	2011-07-18	July
## 200	-0.68918562	752	3789	4541	2011-07-19	July

## 201	-1.05037537	644	3688	4332	2011-07-20	July
## 202	0.39438363	632	3152	3784	2011-07-21	July
## 203	-1.05037537	562	2825	3387	2011-07-22	July
## 204	-0.68918562	987	2298	3285	2011-07-23	July
## 205	-0.50859075	1050	2556	3606	2011-07-24	July
## 206	-1.23097025	568	3272	3840	2011-07-25	July
## 207	0.39438363	750	3840	4590	2011-07-26	July
## 208	0.21378876	755	3901	4656	2011-07-27	July
## 209	0.03319388	606	3784	4390	2011-07-28	July
## 210	0.03319388	670	3176	3846	2011-07-29	July
## 211	-0.32799587	1559	2916	4475	2011-07-30	July
## 212	-0.32799587	1524	2778	4302	2011-07-31	July
## 213	-0.14740099	729	3537	4266	2011-08-01	August
## 214	0.39438363	801	4044	4845	2011-08-02	August
## 215	-0.68918562	467	3107	3574	2011-08-03	August
## 216	0.21378876	799	3777	4576	2011-08-04	August
## 217	0.39438363	1023	3843	4866	2011-08-05	August
## 218	0.39438363	1521	2773	4294	2011-08-06	August
## 219	0.03319388	1298	2487	3785	2011-08-07	August
## 220	-0.50859075	846	3480	4326	2011-08-08	August
## 221	-0.32799587	907	3695	4602	2011-08-09	August
## 222	0.21378876	884	3896	4780	2011-08-10	August
## 223	-0.32799587	812	3980	4792	2011-08-11	August
## 224	-0.68918562	1051	3854	4905	2011-08-12	August
## 225	0.03319388	1504	2646	4150	2011-08-13	August
## 226	0.21378876	1338	2482	3820	2011-08-14	August
## 227	0.39438363	775	3563	4338	2011-08-15	August
## 228	0.57497851	721	4004	4725	2011-08-16	August
## 229	-0.32799587	668	4026	4694	2011-08-17	August
## 230	0.75557339	639	3166	3805	2011-08-18	August
## 231	-1.23097025	797	3356	4153	2011-08-19	August
## 232	-0.68918562	1914	3277	5191	2011-08-20	August
## 233	0.75557339	1249	2624	3873	2011-08-21	August
## 234	1.29735801	833	3925	4758	2011-08-22	August
## 235	-0.14740099	1281	4614	5895	2011-08-23	August
## 236	1.29735801	949	4181	5130	2011-08-24	August
## 237	1.29735801	435	3107	3542	2011-08-25	August
## 238	-1.05037537	768	3893	4661	2011-08-26	August
## 239	3.01300933	226	889	1115	2011-08-27	August
## 240	2.38092727	1415	2919	4334	2011-08-28	August
## 241	-0.32799587	729	3905	4634	2011-08-29	August
## 242	-0.68918562	775	4429	5204	2011-08-30	August
## 243	-1.23097025	688	4370	5058	2011-08-31	August
## 244	-0.68918562	783	4332	5115	2011-09-01	September
## 245	-0.68918562	875	3852	4727	2011-09-02	September
## 246	-0.32799587	1935	2549	4484	2011-09-03	September
## 247	0.03319388	2521	2419	4940	2011-09-04	September
## 248	-0.32799587	1236	2115	3351	2011-09-05	September
## 249	2.01973752	204	2506	2710	2011-09-06	September
## 250	-1.05037537	118	1878	1996	2011-09-07	September

## 251	-0.32799587	153	1689	1842	2011-09-08	September
## 252	-0.68918562	417	3127	3544	2011-09-09	September
## 253	-0.68918562	1750	3595	5345	2011-09-10	September
## 254	-1.05037537	1633	3413	5046	2011-09-11	September
## 255	-1.23097025	690	4023	4713	2011-09-12	September
## 256	-0.68918562	701	4062	4763	2011-09-13	September
## 257	-0.50859075	647	4138	4785	2011-09-14	September
## 258	0.93616826	428	3231	3659	2011-09-15	September
## 259	-0.14740099	742	4018	4760	2011-09-16	September
## 260	0.03319388	1434	3077	4511	2011-09-17	September
## 261	0.03319388	1353	2921	4274	2011-09-18	September
## 262	-0.32799587	691	3848	4539	2011-09-19	September
## 263	-0.32799587	438	3203	3641	2011-09-20	September
## 264	-1.14067281	539	3813	4352	2011-09-21	September
## 265	-1.05037537	555	4240	4795	2011-09-22	September
## 266	-1.23097025	258	2137	2395	2011-09-23	September
## 267	-1.23097025	1776	3647	5423	2011-09-24	September
## 268	-1.77275488	1544	3466	5010	2011-09-25	September
## 269	-0.68918562	684	3946	4630	2011-09-26	September
## 270	-1.05037537	477	3643	4120	2011-09-27	September
## 271	-0.86978050	480	3427	3907	2011-09-28	September
## 272	0.03319388	653	4186	4839	2011-09-29	September
## 273	0.03319388	830	4372	5202	2011-09-30	September
## 274	1.65854777	480	1949	2429	2011-10-01	October
## 275	0.39438363	616	2302	2918	2011-10-02	October
## 276	-1.05037537	330	3240	3570	2011-10-03	October
## 277	0.39438363	486	3970	4456	2011-10-04	October
## 278	-0.32799587	559	4267	4826	2011-10-05	October
## 279	-0.68918562	639	4126	4765	2011-10-06	October
## 280	-2.31453951	949	4036	4985	2011-10-07	October
## 281	-2.31453951	2235	3174	5409	2011-10-08	October
## 282	-1.23097025	2397	3114	5511	2011-10-09	October
## 283	-2.31453951	1514	3603	5117	2011-10-10	October
## 284	-0.50859075	667	3896	4563	2011-10-11	October
## 285	0.75557339	217	2199	2416	2011-10-12	October
## 286	-0.68918562	290	2623	2913	2011-10-13	October
## 287	0.03319388	529	3115	3644	2011-10-14	October
## 288	0.21378876	1899	3318	5217	2011-10-15	October
## 289	0.93616826	1748	3293	5041	2011-10-16	October
## 290	-0.32799587	713	3857	4570	2011-10-17	October
## 291	-1.05037537	637	4111	4748	2011-10-18	October
## 292	0.03319388	254	2170	2424	2011-10-19	October
## 293	2.74211702	471	3724	4195	2011-10-20	October
## 294	0.39438363	676	3628	4304	2011-10-21	October
## 295	-1.23097025	1499	2809	4308	2011-10-22	October
## 296	-1.05037537	1619	2762	4381	2011-10-23	October
## 297	-1.05037537	699	3488	4187	2011-10-24	October
## 298	-0.68918562	695	3992	4687	2011-10-25	October
## 299	-0.32799587	404	3490	3894	2011-10-26	October
## 300	-0.50859075	240	2419	2659	2011-10-27	October

## 301	0.57497851	456	3291	3747	2011-10-28	October
## 302	2.01973752	57	570	627	2011-10-29	October
## 303	0.21378876	885	2446	3331	2011-10-30	October
## 304	-0.86978050	362	3307	3669	2011-10-31	October
## 305	-0.50859075	410	3658	4068	2011-11-01	November
## 306	-1.14067281	370	3816	4186	2011-11-02	November
## 307	-0.68918562	318	3656	3974	2011-11-03	November
## 308	1.65854777	470	3576	4046	2011-11-04	November
## 309	0.39438363	1156	2770	3926	2011-11-05	November
## 310	-1.23097025	952	2697	3649	2011-11-06	November
## 311	-1.23097025	373	3662	4035	2011-11-07	November
## 312	-1.23097025	376	3829	4205	2011-11-08	November
## 313	-2.31453951	305	3804	4109	2011-11-09	November
## 314	0.39438363	190	2743	2933	2011-11-10	November
## 315	1.38765545	440	2928	3368	2011-11-11	November
## 316	0.39438363	1275	2792	4067	2011-11-12	November
## 317	1.29735801	1004	2713	3717	2011-11-13	November
## 318	1.29735801	595	3891	4486	2011-11-14	November
## 319	-0.14740099	449	3746	4195	2011-11-15	November
## 320	-0.68918562	145	1672	1817	2011-11-16	November
## 321	1.29735801	139	2914	3053	2011-11-17	November
## 322	-0.32799587	245	3147	3392	2011-11-18	November
## 323	0.75557339	943	2720	3663	2011-11-19	November
## 324	0.03319388	787	2733	3520	2011-11-20	November
## 325	-0.50859075	220	2545	2765	2011-11-21	November
## 326	-1.05037537	69	1538	1607	2011-11-22	November
## 327	2.38092727	112	2454	2566	2011-11-23	November
## 328	-0.50859075	560	935	1495	2011-11-24	November
## 329	-1.05037537	1095	1697	2792	2011-11-25	November
## 330	-1.23097025	1249	1819	3068	2011-11-26	November
## 331	0.75557339	810	2261	3071	2011-11-27	November
## 332	-0.68918562	253	3614	3867	2011-11-28	November
## 333	1.29735801	96	2818	2914	2011-11-29	November
## 334	1.11676314	188	3425	3613	2011-11-30	November
## 335	0.39438363	182	3545	3727	2011-12-01	December
## 336	-1.23097025	268	3672	3940	2011-12-02	December
## 337	-1.23097025	706	2908	3614	2011-12-03	December
## 338	-1.05037537	634	2851	3485	2011-12-04	December
## 339	-1.23097025	233	3578	3811	2011-12-05	December
## 340	0.39438363	126	2468	2594	2011-12-06	December
## 341	0.57497851	50	655	705	2011-12-07	December
## 342	0.39438363	150	3172	3322	2011-12-08	December
## 343	-1.23097025	261	3359	3620	2011-12-09	December
## 344	0.39438363	502	2688	3190	2011-12-10	December
## 345	-2.31453951	377	2366	2743	2011-12-11	December
## 346	-1.23097025	143	3167	3310	2011-12-12	December
## 347	-0.32799587	155	3368	3523	2011-12-13	December
## 348	-1.23097025	178	3562	3740	2011-12-14	December
## 349	1.11676314	181	3528	3709	2011-12-15	December
## 350	0.93616826	178	3399	3577	2011-12-16	December



## 351	0.57497851	275	2464	2739	2011-12-17	December
## 352	-0.32799587	220	2211	2431	2011-12-18	December
## 353	-0.32799587	260	3143	3403	2011-12-19	December
## 354	-2.31453951	216	3534	3750	2011-12-20	December
## 355	0.75557339	107	2553	2660	2011-12-21	December
## 356	-2.31453951	227	2841	3068	2011-12-22	December
## 357	0.75557339	163	2046	2209	2011-12-23	December
## 358	-0.32799587	155	856	1011	2011-12-24	December
## 359	-0.50859075	303	451	754	2011-12-25	December
## 360	0.57497851	430	887	1317	2011-12-26	December
## 361	-0.68918562	103	1059	1162	2011-12-27	December
## 362	0.75557339	255	2047	2302	2011-12-28	December
## 363	-0.86978050	254	2169	2423	2011-12-29	December
## 364	-1.05037537	491	2508	2999	2011-12-30	December
## 365	0.03319388	665	1820	2485	2011-12-31	December
## 366	0.75557339	686	1608	2294	2012-01-01	January
## 367	1.47795289	244	1707	1951	2012-01-02	January
## 368	2.01973752	89	2147	2236	2012-01-03	January
## 369	0.03319388	95	2273	2368	2012-01-04	January
## 370	-1.23097025	140	3132	3272	2012-01-05	January
## 371	-0.14740099	307	3791	4098	2012-01-06	January
## 372	0.03319388	1070	3451	4521	2012-01-07	January
## 373	0.21378876	599	2826	3425	2012-01-08	January
## 374	-1.05037537	106	2270	2376	2012-01-09	January
## 375	-0.32799587	173	3425	3598	2012-01-10	January
## 376	-0.68918562	92	2085	2177	2012-01-11	January
## 377	0.03319388	269	3828	4097	2012-01-12	January
## 378	2.01973752	174	3040	3214	2012-01-13	January
## 379	0.39438363	333	2160	2493	2012-01-14	January
## 380	0.57497851	284	2027	2311	2012-01-15	January
## 381	1.20706058	217	2081	2298	2012-01-16	January
## 382	1.65854777	127	2808	2935	2012-01-17	January
## 383	2.56152214	109	3267	3376	2012-01-18	January
## 384	0.75557339	130	3162	3292	2012-01-19	January
## 385	0.21378876	115	3048	3163	2012-01-20	January
## 386	0.75557339	67	1234	1301	2012-01-21	January
## 387	0.03319388	196	1781	1977	2012-01-22	January
## 388	-0.68918562	145	2287	2432	2012-01-23	January
## 389	-0.86978050	439	3900	4339	2012-01-24	January
## 390	-0.32799587	467	3803	4270	2012-01-25	January
## 391	-1.05037537	244	3831	4075	2012-01-26	January
## 392	1.65854777	269	3187	3456	2012-01-27	January
## 393	0.21378876	775	3248	4023	2012-01-28	January
## 394	0.57497851	558	2685	3243	2012-01-29	January
## 395	0.03319388	126	3498	3624	2012-01-30	January
## 396	0.93616826	324	4185	4509	2012-01-31	January
## 397	-0.32799587	304	4275	4579	2012-02-01	February
## 398	-0.50859075	190	3571	3761	2012-02-02	February
## 399	-0.14740099	310	3841	4151	2012-02-03	February
## 400	-0.68918562	384	2448	2832	2012-02-04	February

## 401	-0.32799587	318	2629	2947	2012-02-05	February
## 402	-0.68918562	206	3578	3784	2012-02-06	February
## 403	-0.14740099	199	4176	4375	2012-02-07	February
## 404	-0.68918562	109	2693	2802	2012-02-08	February
## 405	0.39438363	163	3667	3830	2012-02-09	February
## 406	-0.68918562	227	3604	3831	2012-02-10	February
## 407	0.75557339	192	1977	2169	2012-02-11	February
## 408	2.38092727	73	1456	1529	2012-02-12	February
## 409	-0.68918562	94	3328	3422	2012-02-13	February
## 410	-1.05037537	135	3787	3922	2012-02-14	February
## 411	-0.32799587	141	4028	4169	2012-02-15	February
## 412	-1.23097025	74	2931	3005	2012-02-16	February
## 413	0.03319388	349	3805	4154	2012-02-17	February
## 414	0.39438363	1435	2883	4318	2012-02-18	February
## 415	0.75557339	618	2071	2689	2012-02-19	February
## 416	0.39438363	502	2627	3129	2012-02-20	February
## 417	0.21378876	163	3614	3777	2012-02-21	February
## 418	0.93616826	394	4379	4773	2012-02-22	February
## 419	0.03319388	516	4546	5062	2012-02-23	February
## 420	-0.14740099	246	3241	3487	2012-02-24	February
## 421	2.74211702	317	2415	2732	2012-02-25	February
## 422	0.39438363	515	2874	3389	2012-02-26	February
## 423	0.75557339	253	4069	4322	2012-02-27	February
## 424	-0.68918562	229	4134	4363	2012-02-28	February
## 425	-0.68918562	65	1769	1834	2012-02-29	February
## 426	0.39438363	325	4665	4990	2012-03-01	March
## 427	-0.32799587	246	2948	3194	2012-03-02	March
## 428	-0.32799587	956	3110	4066	2012-03-03	March
## 429	1.47795289	710	2713	3423	2012-03-04	March
## 430	0.21378876	203	3130	3333	2012-03-05	March
## 431	0.39438363	221	3735	3956	2012-03-06	March
## 432	1.65854777	432	4484	4916	2012-03-07	March
## 433	3.10330677	486	4896	5382	2012-03-08	March
## 434	2.38092727	447	4122	4569	2012-03-09	March
## 435	0.75557339	968	3150	4118	2012-03-10	March
## 436	0.39438363	1658	3253	4911	2012-03-11	March
## 437	0.21378876	838	4460	5298	2012-03-12	March
## 438	0.39438363	762	5085	5847	2012-03-13	March
## 439	-1.05037537	997	5315	6312	2012-03-14	March
## 440	-0.86978050	1005	5187	6192	2012-03-15	March
## 441	-1.23097025	548	3830	4378	2012-03-16	March
## 442	-1.05037537	3155	4681	7836	2012-03-17	March
## 443	-0.68918562	2207	3685	5892	2012-03-18	March
## 444	-0.32799587	982	5171	6153	2012-03-19	March
## 445	-0.68918562	1051	5042	6093	2012-03-20	March
## 446	-1.23097025	1122	5108	6230	2012-03-21	March
## 447	-1.14067281	1334	5537	6871	2012-03-22	March
## 448	-1.05037537	2469	5893	8362	2012-03-23	March
## 449	0.03319388	1033	2339	3372	2012-03-24	March
## 450	0.57497851	1532	3464	4996	2012-03-25	March

## 451	3.10330677	795	4763	5558	2012-03-26	March
## 452	0.03319388	531	4571	5102	2012-03-27	March
## 453	1.29735801	674	5024	5698	2012-03-28	March
## 454	1.29735801	834	5299	6133	2012-03-29	March
## 455	-0.50859075	796	4663	5459	2012-03-30	March
## 456	0.75557339	2301	3934	6235	2012-03-31	March
## 457	-0.32799587	2347	3694	6041	2012-04-01	April
## 458	1.29735801	1208	4728	5936	2012-04-02	April
## 459	-1.23097025	1348	5424	6772	2012-04-03	April
## 460	0.03319388	1058	5378	6436	2012-04-04	April
## 461	0.03319388	1192	5265	6457	2012-04-05	April
## 462	1.47795289	1807	4653	6460	2012-04-06	April
## 463	0.75557339	3252	3605	6857	2012-04-07	April
## 464	0.39438363	2230	2939	5169	2012-04-08	April
## 465	2.01973752	905	4680	5585	2012-04-09	April
## 466	0.21378876	819	5099	5918	2012-04-10	April
## 467	1.29735801	482	4380	4862	2012-04-11	April
## 468	1.11676314	663	4746	5409	2012-04-12	April
## 469	-0.32799587	1252	5146	6398	2012-04-13	April
## 470	-0.32799587	2795	4665	7460	2012-04-14	April
## 471	0.75557339	2846	4286	7132	2012-04-15	April
## 472	0.75557339	1198	5172	6370	2012-04-16	April
## 473	0.75557339	989	5702	6691	2012-04-17	April
## 474	0.03319388	347	4020	4367	2012-04-18	April
## 475	-1.23097025	846	5719	6565	2012-04-19	April
## 476	0.03319388	1340	5950	7290	2012-04-20	April
## 477	0.93616826	2541	4083	6624	2012-04-21	April
## 478	1.83914264	120	907	1027	2012-04-22	April
## 479	1.65854777	195	3019	3214	2012-04-23	April
## 480	0.57497851	518	5115	5633	2012-04-24	April
## 481	-1.23097025	655	5541	6196	2012-04-25	April
## 482	-0.14740099	475	4551	5026	2012-04-26	April
## 483	1.83914264	1014	5219	6233	2012-04-27	April
## 484	-0.68918562	1120	3100	4220	2012-04-28	April
## 485	-0.68918562	2229	4075	6304	2012-04-29	April
## 486	-0.32799587	665	4907	5572	2012-04-30	April
## 487	-0.68918562	653	5087	5740	2012-05-01	May
## 488	-0.14740099	667	5502	6169	2012-05-02	May
## 489	-0.68918562	764	5657	6421	2012-05-03	May
## 490	-0.86978050	1069	5227	6296	2012-05-04	May
## 491	-0.68918562	2496	4387	6883	2012-05-05	May
## 492	-0.32799587	2135	4224	6359	2012-05-06	May
## 493	0.39438363	1008	5265	6273	2012-05-07	May
## 494	1.11676314	738	4990	5728	2012-05-08	May
## 495	0.03319388	620	4097	4717	2012-05-09	May
## 496	1.83914264	1026	5546	6572	2012-05-10	May
## 497	0.75557339	1319	5711	7030	2012-05-11	May
## 498	-0.68918562	2622	4807	7429	2012-05-12	May
## 499	0.21378876	2172	3946	6118	2012-05-13	May
## 500	0.39438363	342	2501	2843	2012-05-14	May

## 501	-0.68918562	625	4490	5115	2012-05-15	May
## 502	-0.68918562	991	6433	7424	2012-05-16	May
## 503	0.03319388	1242	6142	7384	2012-05-17	May
## 504	-0.68918562	1521	6118	7639	2012-05-18	May
## 505	-1.23097025	3410	4884	8294	2012-05-19	May
## 506	1.65854777	2704	4425	7129	2012-05-20	May
## 507	0.75557339	630	3729	4359	2012-05-21	May
## 508	-1.05037537	819	5254	6073	2012-05-22	May
## 509	-1.05037537	766	4494	5260	2012-05-23	May
## 510	-0.32799587	1059	5711	6770	2012-05-24	May
## 511	-0.68918562	1417	5317	6734	2012-05-25	May
## 512	0.03319388	2855	3681	6536	2012-05-26	May
## 513	0.39438363	3283	3308	6591	2012-05-27	May
## 514	-0.32799587	2557	3486	6043	2012-05-28	May
## 515	1.29735801	880	4863	5743	2012-05-29	May
## 516	-0.68918562	745	6110	6855	2012-05-30	May
## 517	0.03319388	1100	6238	7338	2012-05-31	May
## 518	0.39438363	533	3594	4127	2012-06-01	June
## 519	0.03319388	2795	5325	8120	2012-06-02	June
## 520	-0.14740099	2494	5147	7641	2012-06-03	June
## 521	1.29735801	1071	5927	6998	2012-06-04	June
## 522	0.03319388	968	6033	7001	2012-06-05	June
## 523	-1.23097025	1027	6028	7055	2012-06-06	June
## 524	-0.32799587	1038	6456	7494	2012-06-07	June
## 525	-0.32799587	1488	6248	7736	2012-06-08	June
## 526	-0.32799587	2708	4790	7498	2012-06-09	June
## 527	-0.86978050	2224	4374	6598	2012-06-10	June
## 528	0.03319388	1017	5647	6664	2012-06-11	June
## 529	0.03319388	477	4495	4972	2012-06-12	June
## 530	2.38092727	1173	6248	7421	2012-06-13	June
## 531	0.75557339	1180	6183	7363	2012-06-14	June
## 532	-0.32799587	1563	6102	7665	2012-06-15	June
## 533	-0.14740099	2963	4739	7702	2012-06-16	June
## 534	-0.32799587	2634	4344	6978	2012-06-17	June
## 535	-0.14740099	653	4446	5099	2012-06-18	June
## 536	-0.68918562	968	5857	6825	2012-06-19	June
## 537	-1.05037537	872	5339	6211	2012-06-20	June
## 538	-0.86978050	778	5127	5905	2012-06-21	June
## 539	-0.32799587	964	4859	5823	2012-06-22	June
## 540	0.03319388	2657	4801	7458	2012-06-23	June
## 541	-0.68918562	2551	4340	6891	2012-06-24	June
## 542	1.29735801	1139	5640	6779	2012-06-25	June
## 543	2.01973752	1077	6365	7442	2012-06-26	June
## 544	1.20706058	1077	6258	7335	2012-06-27	June
## 545	-0.32799587	921	5958	6879	2012-06-28	June
## 546	0.03319388	829	4634	5463	2012-06-29	June
## 547	-0.50859075	1455	4232	5687	2012-06-30	June
## 548	-0.68918562	1421	4110	5531	2012-07-01	July
## 549	0.03319388	904	5323	6227	2012-07-02	July
## 550	-0.68918562	1052	5608	6660	2012-07-03	July

## 551	-0.68918562	2562	4841	7403	2012-07-04	July
## 552	0.21378876	1405	4836	6241	2012-07-05	July
## 553	-0.68918562	1366	4841	6207	2012-07-06	July
## 554	-0.32799587	1448	3392	4840	2012-07-07	July
## 555	-1.05037537	1203	3469	4672	2012-07-08	July
## 556	-0.32799587	998	5571	6569	2012-07-09	July
## 557	-0.68918562	954	5336	6290	2012-07-10	July
## 558	-0.50859075	975	6289	7264	2012-07-11	July
## 559	-0.68918562	1032	6414	7446	2012-07-12	July
## 560	-1.05037537	1511	5988	7499	2012-07-13	July
## 561	-1.05037537	2355	4614	6969	2012-07-14	July
## 562	-0.68918562	1920	4111	6031	2012-07-15	July
## 563	-0.86978050	1088	5742	6830	2012-07-16	July
## 564	-0.86978050	921	5865	6786	2012-07-17	July
## 565	-0.68918562	799	4914	5713	2012-07-18	July
## 566	-0.68918562	888	5703	6591	2012-07-19	July
## 567	-0.32799587	747	5123	5870	2012-07-20	July
## 568	0.75557339	1264	3195	4459	2012-07-21	July
## 569	-1.05037537	2544	4866	7410	2012-07-22	July
## 570	-0.68918562	1135	5831	6966	2012-07-23	July
## 571	0.21378876	1140	6452	7592	2012-07-24	July
## 572	-0.32799587	1383	6790	8173	2012-07-25	July
## 573	0.75557339	1036	5825	6861	2012-07-26	July
## 574	-0.50859075	1259	5645	6904	2012-07-27	July
## 575	-0.32799587	2234	4451	6685	2012-07-28	July
## 576	-0.32799587	2153	4444	6597	2012-07-29	July
## 577	-0.32799587	1040	6065	7105	2012-07-30	July
## 578	-0.32799587	968	6248	7216	2012-07-31	July
## 579	-0.68918562	1074	6506	7580	2012-08-01	August
## 580	-0.86978050	983	6278	7261	2012-08-02	August
## 581	0.39438363	1328	5847	7175	2012-08-03	August
## 582	0.75557339	2345	4479	6824	2012-08-04	August
## 583	0.75557339	1707	3757	5464	2012-08-05	August
## 584	-0.68918562	1233	5780	7013	2012-08-06	August
## 585	-0.68918562	1278	5995	7273	2012-08-07	August
## 586	-0.86978050	1263	6271	7534	2012-08-08	August
## 587	-0.32799587	1196	6090	7286	2012-08-09	August
## 588	1.11676314	1065	4721	5786	2012-08-10	August
## 589	0.03319388	2247	4052	6299	2012-08-11	August
## 590	-0.68918562	2182	4362	6544	2012-08-12	August
## 591	-1.05037537	1207	5676	6883	2012-08-13	August
## 592	0.03319388	1128	5656	6784	2012-08-14	August
## 593	0.03319388	1198	6149	7347	2012-08-15	August
## 594	-0.32799587	1338	6267	7605	2012-08-16	August
## 595	0.21378876	1483	5665	7148	2012-08-17	August
## 596	0.03319388	2827	5038	7865	2012-08-18	August
## 597	-1.05037537	1208	3341	4549	2012-08-19	August
## 598	-0.86978050	1026	5504	6530	2012-08-20	August
## 599	-1.77275488	1081	5925	7006	2012-08-21	August
## 600	-2.31453951	1094	6281	7375	2012-08-22	August

## 601	-1.23097025	1363	6402	7765	2012-08-23	August
## 602	-1.77275488	1325	6257	7582	2012-08-24	August
## 603	0.93616826	1829	4224	6053	2012-08-25	August
## 604	0.39438363	1483	3772	5255	2012-08-26	August
## 605	-0.68918562	989	5928	6917	2012-08-27	August
## 606	-0.14740099	935	6105	7040	2012-08-28	August
## 607	-0.68918562	1177	6520	7697	2012-08-29	August
## 608	-1.14067281	1172	6541	7713	2012-08-30	August
## 609	-0.32799587	1433	5917	7350	2012-08-31	August
## 610	-0.86978050	2352	3788	6140	2012-09-01	September
## 611	-1.23097025	2613	3197	5810	2012-09-02	September
## 612	-0.68918562	1965	4069	6034	2012-09-03	September
## 613	0.75557339	867	5997	6864	2012-09-04	September
## 614	0.03319388	832	6280	7112	2012-09-05	September
## 615	-0.50859075	611	5592	6203	2012-09-06	September
## 616	-0.68918562	1045	6459	7504	2012-09-07	September
## 617	0.75557339	1557	4419	5976	2012-09-08	September
## 618	0.75557339	2570	5657	8227	2012-09-09	September
## 619	1.11676314	1118	6407	7525	2012-09-10	September
## 620	-1.05037537	1070	6697	7767	2012-09-11	September
## 621	-0.68918562	1050	6820	7870	2012-09-12	September
## 622	-1.23097025	1054	6750	7804	2012-09-13	September
## 623	-1.05037537	1379	6630	8009	2012-09-14	September
## 624	0.93616826	3160	5554	8714	2012-09-15	September
## 625	-1.05037537	2166	5167	7333	2012-09-16	September
## 626	-0.32799587	1022	5847	6869	2012-09-17	September
## 627	1.47795289	371	3702	4073	2012-09-18	September
## 628	0.75557339	788	6803	7591	2012-09-19	September
## 629	-1.05037537	939	6781	7720	2012-09-20	September
## 630	-0.14740099	1250	6917	8167	2012-09-21	September
## 631	1.11676314	2512	5883	8395	2012-09-22	September
## 632	0.57497851	2454	5453	7907	2012-09-23	September
## 633	-0.68918562	1001	6435	7436	2012-09-24	September
## 634	0.75557339	845	6693	7538	2012-09-25	September
## 635	0.75557339	787	6946	7733	2012-09-26	September
## 636	-1.23097025	751	6642	7393	2012-09-27	September
## 637	-0.37856244	1045	6370	7415	2012-09-28	September
## 638	0.31492189	2589	5966	8555	2012-09-29	September
## 639	-0.43635280	2015	4874	6889	2012-09-30	September
## 640	-1.18762748	763	6015	6778	2012-10-01	October
## 641	-0.95646604	315	4324	4639	2012-10-02	October
## 642	-1.47657928	728	6844	7572	2012-10-03	October
## 643	-0.86978050	891	6437	7328	2012-10-04	October
## 644	-0.98536122	1516	6640	8156	2012-10-05	October
## 645	0.89282549	3031	4934	7965	2012-10-06	October
## 646	-0.49414316	781	2729	3510	2012-10-07	October
## 647	-0.03182027	874	4604	5478	2012-10-08	October
## 648	0.02597009	601	5791	6392	2012-10-09	October
## 649	-0.43635280	780	6911	7691	2012-10-10	October
## 650	0.02597009	834	6736	7570	2012-10-11	October

## 651	0.51718815	1060	6222	7282	2012-10-12	October
## 652	-0.34966726	2252	4857	7109	2012-10-13	October
## 653	1.00840621	2080	4559	6639	2012-10-14	October
## 654	1.06619657	760	5115	5875	2012-10-15	October
## 655	-0.14740099	922	6612	7534	2012-10-16	October
## 656	-1.10094194	979	6482	7461	2012-10-17	October
## 657	0.51718815	1008	6501	7509	2012-10-18	October
## 658	-0.63861906	753	4671	5424	2012-10-19	October
## 659	-0.72530460	2806	5284	8090	2012-10-20	October
## 660	-0.32077208	2132	4692	6824	2012-10-21	October
## 661	-1.24541784	830	6228	7058	2012-10-22	October
## 662	-1.21652266	841	6625	7466	2012-10-23	October
## 663	-1.44768410	795	6898	7693	2012-10-24	October
## 664	-0.63861906	875	6484	7359	2012-10-25	October
## 665	-0.63861906	1182	6262	7444	2012-10-26	October
## 666	0.54608333	2643	5209	7852	2012-10-27	October
## 667	2.53985076	998	3461	4459	2012-10-28	October
## 668	4.93815071	2	20	22	2012-10-29	October
## 669	1.49962427	87	1009	1096	2012-10-30	October
## 670	-0.34966726	419	5147	5566	2012-10-31	October
## 671	-0.46524798	466	5520	5986	2012-11-01	November
## 672	1.00840621	618	5229	5847	2012-11-02	November
## 673	0.97951103	1029	4109	5138	2012-11-03	November
## 674	-0.08961063	1201	3906	5107	2012-11-04	November
## 675	0.48829297	378	4881	5259	2012-11-05	November
## 676	-0.14740099	466	5220	5686	2012-11-06	November
## 677	1.35514837	326	4709	5035	2012-11-07	November
## 678	1.99084234	340	4975	5315	2012-11-08	November
## 679	0.17044599	709	5283	5992	2012-11-09	November
## 680	-1.62105518	2090	4446	6536	2012-11-10	November
## 681	-0.75419978	2290	4562	6852	2012-11-11	November
## 682	-0.08961063	1097	5172	6269	2012-11-12	November
## 683	1.81747126	327	3767	4094	2012-11-13	November
## 684	0.02597009	373	5122	5495	2012-11-14	November
## 685	-0.46524798	320	5125	5445	2012-11-15	November
## 686	-0.23408653	484	5214	5698	2012-11-16	November
## 687	-0.14740099	1313	4316	5629	2012-11-17	November
## 688	0.45939779	922	3747	4669	2012-11-18	November
## 689	0.40160743	449	5050	5499	2012-11-19	November
## 690	-1.33210338	534	5100	5634	2012-11-20	November
## 691	-1.01425640	615	4531	5146	2012-11-21	November
## 692	-1.67884554	955	1470	2425	2012-11-22	November
## 693	-0.37856244	1603	2307	3910	2012-11-23	November
## 694	2.13531824	532	1745	2277	2012-11-24	November
## 695	-0.55193352	309	2115	2424	2012-11-25	November
## 696	-1.70774072	337	4750	5087	2012-11-26	November
## 697	0.66166405	123	3836	3959	2012-11-27	November
## 698	0.14155081	198	5062	5260	2012-11-28	November
## 699	-0.50859075	243	5080	5323	2012-11-29	November
## 700	-2.31453951	362	5306	5668	2012-11-30	November

## 701	-1.44768410	951	4240	5191	2012-12-01	December
## 702	-0.68918562	892	3757	4649	2012-12-02	December
## 703	-1.05037537	555	5679	6234	2012-12-03	December
## 704	0.03319388	551	6055	6606	2012-12-04	December
## 705	1.11676314	331	5398	5729	2012-12-05	December
## 706	-0.14740099	340	5035	5375	2012-12-06	December
## 707	-0.68918562	349	4659	5008	2012-12-07	December
## 708	-1.05037537	1153	4429	5582	2012-12-08	December
## 709	-0.68918562	441	2787	3228	2012-12-09	December
## 710	0.39438363	329	4841	5170	2012-12-10	December
## 711	1.47795289	282	5219	5501	2012-12-11	December
## 712	0.21378876	310	5009	5319	2012-12-12	December
## 713	0.03319388	425	5107	5532	2012-12-13	December
## 714	-1.05037537	429	5182	5611	2012-12-14	December
## 715	-1.05037537	767	4280	5047	2012-12-15	December
## 716	-1.05037537	538	3248	3786	2012-12-16	December
## 717	-1.05037537	212	4373	4585	2012-12-17	December
## 718	0.21378876	433	5124	5557	2012-12-18	December
## 719	-0.68918562	333	4934	5267	2012-12-19	December
## 720	-0.32799587	314	3814	4128	2012-12-20	December
## 721	2.38092727	221	3402	3623	2012-12-21	December
## 722	2.74211702	205	1544	1749	2012-12-22	December
## 723	-0.68918562	408	1379	1787	2012-12-23	December
## 724	-1.23097025	174	746	920	2012-12-24	December
## 725	-0.32799587	440	573	1013	2012-12-25	December
## 726	1.65854777	9	432	441	2012-12-26	December
## 727	1.47795289	247	1867	2114	2012-12-27	December
## 728	-0.68918562	644	2451	3095	2012-12-28	December
## 729	-1.23097025	159	1182	1341	2012-12-29	December
## 730	2.01973752	364	1432	1796	2012-12-30	December
## 731	-0.32799587	439	2290	2729	2012-12-31	December

## Question 2

```
fitAll <- lm(formula = COUNT ~., data = dfbStd)
summary(fitAll)
```

```
##
## Call:
## lm(formula = COUNT ~ ., data = dfbStd)
##
## Residuals:
## ALL 731 residuals are 0: no residual degrees of freedom!
##
## Coefficients: (21 not defined because of singularities)
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)      985           NA      NA      NA
## DATE2011-01-02   -184           NA      NA      NA
## DATE2011-01-03     364           NA      NA      NA
## DATE2011-01-04     577           NA      NA      NA
```



## DATE2011-01-05	615	NA	NA	NA
## DATE2011-01-06	621	NA	NA	NA
## DATE2011-01-07	525	NA	NA	NA
## DATE2011-01-08	-26	NA	NA	NA
## DATE2011-01-09	-163	NA	NA	NA
## DATE2011-01-10	336	NA	NA	NA
## DATE2011-01-11	278	NA	NA	NA
## DATE2011-01-12	177	NA	NA	NA
## DATE2011-01-13	421	NA	NA	NA
## DATE2011-01-14	436	NA	NA	NA
## DATE2011-01-15	263	NA	NA	NA
## DATE2011-01-16	219	NA	NA	NA
## DATE2011-01-17	15	NA	NA	NA
## DATE2011-01-18	-302	NA	NA	NA
## DATE2011-01-19	665	NA	NA	NA
## DATE2011-01-20	942	NA	NA	NA
## DATE2011-01-21	558	NA	NA	NA
## DATE2011-01-22	-4	NA	NA	NA
## DATE2011-01-23	1	NA	NA	NA
## DATE2011-01-24	431	NA	NA	NA
## DATE2011-01-25	1000	NA	NA	NA
## DATE2011-01-26	-479	NA	NA	NA
## DATE2011-01-27	-554	NA	NA	NA
## DATE2011-01-28	182	NA	NA	NA
## DATE2011-01-29	113	NA	NA	NA
## DATE2011-01-30	111	NA	NA	NA
## DATE2011-01-31	516	NA	NA	NA
## DATE2011-02-01	375	NA	NA	NA
## DATE2011-02-02	541	NA	NA	NA
## DATE2011-02-03	565	NA	NA	NA
## DATE2011-02-04	723	NA	NA	NA
## DATE2011-02-05	20	NA	NA	NA
## DATE2011-02-06	638	NA	NA	NA
## DATE2011-02-07	727	NA	NA	NA
## DATE2011-02-08	545	NA	NA	NA
## DATE2011-02-09	620	NA	NA	NA
## DATE2011-02-10	553	NA	NA	NA
## DATE2011-02-11	761	NA	NA	NA
## DATE2011-02-12	487	NA	NA	NA
## DATE2011-02-13	604	NA	NA	NA
## DATE2011-02-14	928	NA	NA	NA
## DATE2011-02-15	830	NA	NA	NA
## DATE2011-02-16	1130	NA	NA	NA
## DATE2011-02-17	1490	NA	NA	NA
## DATE2011-02-18	1942	NA	NA	NA
## DATE2011-02-19	650	NA	NA	NA
## DATE2011-02-20	827	NA	NA	NA
## DATE2011-02-21	122	NA	NA	NA
## DATE2011-02-22	465	NA	NA	NA
## DATE2011-02-23	932	NA	NA	NA

## DATE2011-02-24	822	NA	NA	NA
## DATE2011-02-25	476	NA	NA	NA
## DATE2011-02-26	984	NA	NA	NA
## DATE2011-02-27	1417	NA	NA	NA
## DATE2011-02-28	461	NA	NA	NA
## DATE2011-03-01	866	NA	NA	NA
## DATE2011-03-02	1149	NA	NA	NA
## DATE2011-03-03	700	NA	NA	NA
## DATE2011-03-04	959	NA	NA	NA
## DATE2011-03-05	1092	NA	NA	NA
## DATE2011-03-06	-380	NA	NA	NA
## DATE2011-03-07	887	NA	NA	NA
## DATE2011-03-08	1148	NA	NA	NA
## DATE2011-03-09	906	NA	NA	NA
## DATE2011-03-10	-362	NA	NA	NA
## DATE2011-03-11	992	NA	NA	NA
## DATE2011-03-12	1147	NA	NA	NA
## DATE2011-03-13	1432	NA	NA	NA
## DATE2011-03-14	1061	NA	NA	NA
## DATE2011-03-15	1071	NA	NA	NA
## DATE2011-03-16	1207	NA	NA	NA
## DATE2011-03-17	1759	NA	NA	NA
## DATE2011-03-18	2254	NA	NA	NA
## DATE2011-03-19	2132	NA	NA	NA
## DATE2011-03-20	1486	NA	NA	NA
## DATE2011-03-21	1092	NA	NA	NA
## DATE2011-03-22	1718	NA	NA	NA
## DATE2011-03-23	1136	NA	NA	NA
## DATE2011-03-24	880	NA	NA	NA
## DATE2011-03-25	1225	NA	NA	NA
## DATE2011-03-26	1511	NA	NA	NA
## DATE2011-03-27	708	NA	NA	NA
## DATE2011-03-28	1043	NA	NA	NA
## DATE2011-03-29	1440	NA	NA	NA
## DATE2011-03-30	551	NA	NA	NA
## DATE2011-03-31	700	NA	NA	NA
## DATE2011-04-01	1242	NA	NA	NA
## DATE2011-04-02	1267	NA	NA	NA
## DATE2011-04-03	2264	NA	NA	NA
## DATE2011-04-04	2130	NA	NA	NA
## DATE2011-04-05	810	NA	NA	NA
## DATE2011-04-06	1823	NA	NA	NA
## DATE2011-04-07	2156	NA	NA	NA
## DATE2011-04-08	486	NA	NA	NA
## DATE2011-04-09	1470	NA	NA	NA
## DATE2011-04-10	1910	NA	NA	NA
## DATE2011-04-11	2363	NA	NA	NA
## DATE2011-04-12	1049	NA	NA	NA
## DATE2011-04-13	1177	NA	NA	NA
## DATE2011-04-14	2282	NA	NA	NA

## DATE2011-04-15	2141	NA	NA	NA
## DATE2011-04-16	-190	NA	NA	NA
## DATE2011-04-17	2759	NA	NA	NA
## DATE2011-04-18	2444	NA	NA	NA
## DATE2011-04-19	2219	NA	NA	NA
## DATE2011-04-20	2959	NA	NA	NA
## DATE2011-04-21	3204	NA	NA	NA
## DATE2011-04-22	698	NA	NA	NA
## DATE2011-04-23	3051	NA	NA	NA
## DATE2011-04-24	3206	NA	NA	NA
## DATE2011-04-25	3088	NA	NA	NA
## DATE2011-04-26	3415	NA	NA	NA
## DATE2011-04-27	2887	NA	NA	NA
## DATE2011-04-28	3073	NA	NA	NA
## DATE2011-04-29	3610	NA	NA	NA
## DATE2011-04-30	4327	NA	NA	NA
## DATE2011-05-01	2366	NA	NA	NA
## DATE2011-05-02	3416	NA	NA	NA
## DATE2011-05-03	3466	NA	NA	NA
## DATE2011-05-04	1648	NA	NA	NA
## DATE2011-05-05	3448	NA	NA	NA
## DATE2011-05-06	3623	NA	NA	NA
## DATE2011-05-07	3729	NA	NA	NA
## DATE2011-05-08	3348	NA	NA	NA
## DATE2011-05-09	3377	NA	NA	NA
## DATE2011-05-10	3818	NA	NA	NA
## DATE2011-05-11	3197	NA	NA	NA
## DATE2011-05-12	3879	NA	NA	NA
## DATE2011-05-13	3120	NA	NA	NA
## DATE2011-05-14	2424	NA	NA	NA
## DATE2011-05-15	3568	NA	NA	NA
## DATE2011-05-16	2973	NA	NA	NA
## DATE2011-05-17	3138	NA	NA	NA
## DATE2011-05-18	2870	NA	NA	NA
## DATE2011-05-19	3590	NA	NA	NA
## DATE2011-05-20	3932	NA	NA	NA
## DATE2011-05-21	4820	NA	NA	NA
## DATE2011-05-22	3675	NA	NA	NA
## DATE2011-05-23	3289	NA	NA	NA
## DATE2011-05-24	3507	NA	NA	NA
## DATE2011-05-25	3993	NA	NA	NA
## DATE2011-05-26	3692	NA	NA	NA
## DATE2011-05-27	3694	NA	NA	NA
## DATE2011-05-28	3773	NA	NA	NA
## DATE2011-05-29	3803	NA	NA	NA
## DATE2011-05-30	3113	NA	NA	NA
## DATE2011-05-31	2997	NA	NA	NA
## DATE2011-06-01	2989	NA	NA	NA
## DATE2011-06-02	3983	NA	NA	NA
## DATE2011-06-03	4327	NA	NA	NA

## DATE2011-06-04	4357	NA	NA	NA
## DATE2011-06-05	3921	NA	NA	NA
## DATE2011-06-06	3563	NA	NA	NA
## DATE2011-06-07	3848	NA	NA	NA
## DATE2011-06-08	3416	NA	NA	NA
## DATE2011-06-09	2930	NA	NA	NA
## DATE2011-06-10	3601	NA	NA	NA
## DATE2011-06-11	3981	NA	NA	NA
## DATE2011-06-12	3475	NA	NA	NA
## DATE2011-06-13	4035	NA	NA	NA
## DATE2011-06-14	3906	NA	NA	NA
## DATE2011-06-15	4195	NA	NA	NA
## DATE2011-06-16	2782	NA	NA	NA
## DATE2011-06-17	3859	NA	NA	NA
## DATE2011-06-18	4134	NA	NA	NA
## DATE2011-06-19	3759	NA	NA	NA
## DATE2011-06-20	3025	NA	NA	NA
## DATE2011-06-21	3850	NA	NA	NA
## DATE2011-06-22	3522	NA	NA	NA
## DATE2011-06-23	3805	NA	NA	NA
## DATE2011-06-24	4006	NA	NA	NA
## DATE2011-06-25	4217	NA	NA	NA
## DATE2011-06-26	4320	NA	NA	NA
## DATE2011-06-27	3723	NA	NA	NA
## DATE2011-06-28	3663	NA	NA	NA
## DATE2011-06-29	4240	NA	NA	NA
## DATE2011-06-30	4530	NA	NA	NA
## DATE2011-07-01	4377	NA	NA	NA
## DATE2011-07-02	4134	NA	NA	NA
## DATE2011-07-03	3664	NA	NA	NA
## DATE2011-07-04	5058	NA	NA	NA
## DATE2011-07-05	3680	NA	NA	NA
## DATE2011-07-06	3644	NA	NA	NA
## DATE2011-07-07	3607	NA	NA	NA
## DATE2011-07-08	3055	NA	NA	NA
## DATE2011-07-09	4351	NA	NA	NA
## DATE2011-07-10	3896	NA	NA	NA
## DATE2011-07-11	3101	NA	NA	NA
## DATE2011-07-12	3273	NA	NA	NA
## DATE2011-07-13	3357	NA	NA	NA
## DATE2011-07-14	4099	NA	NA	NA
## DATE2011-07-15	4553	NA	NA	NA
## DATE2011-07-16	4938	NA	NA	NA
## DATE2011-07-17	4317	NA	NA	NA
## DATE2011-07-18	3473	NA	NA	NA
## DATE2011-07-19	3556	NA	NA	NA
## DATE2011-07-20	3347	NA	NA	NA
## DATE2011-07-21	2799	NA	NA	NA
## DATE2011-07-22	2402	NA	NA	NA
## DATE2011-07-23	2300	NA	NA	NA

## DATE2011-07-24	2621	NA	NA	NA
## DATE2011-07-25	2855	NA	NA	NA
## DATE2011-07-26	3605	NA	NA	NA
## DATE2011-07-27	3671	NA	NA	NA
## DATE2011-07-28	3405	NA	NA	NA
## DATE2011-07-29	2861	NA	NA	NA
## DATE2011-07-30	3490	NA	NA	NA
## DATE2011-07-31	3317	NA	NA	NA
## DATE2011-08-01	3281	NA	NA	NA
## DATE2011-08-02	3860	NA	NA	NA
## DATE2011-08-03	2589	NA	NA	NA
## DATE2011-08-04	3591	NA	NA	NA
## DATE2011-08-05	3881	NA	NA	NA
## DATE2011-08-06	3309	NA	NA	NA
## DATE2011-08-07	2800	NA	NA	NA
## DATE2011-08-08	3341	NA	NA	NA
## DATE2011-08-09	3617	NA	NA	NA
## DATE2011-08-10	3795	NA	NA	NA
## DATE2011-08-11	3807	NA	NA	NA
## DATE2011-08-12	3920	NA	NA	NA
## DATE2011-08-13	3165	NA	NA	NA
## DATE2011-08-14	2835	NA	NA	NA
## DATE2011-08-15	3353	NA	NA	NA
## DATE2011-08-16	3740	NA	NA	NA
## DATE2011-08-17	3709	NA	NA	NA
## DATE2011-08-18	2820	NA	NA	NA
## DATE2011-08-19	3168	NA	NA	NA
## DATE2011-08-20	4206	NA	NA	NA
## DATE2011-08-21	2888	NA	NA	NA
## DATE2011-08-22	3773	NA	NA	NA
## DATE2011-08-23	4910	NA	NA	NA
## DATE2011-08-24	4145	NA	NA	NA
## DATE2011-08-25	2557	NA	NA	NA
## DATE2011-08-26	3676	NA	NA	NA
## DATE2011-08-27	130	NA	NA	NA
## DATE2011-08-28	3349	NA	NA	NA
## DATE2011-08-29	3649	NA	NA	NA
## DATE2011-08-30	4219	NA	NA	NA
## DATE2011-08-31	4073	NA	NA	NA
## DATE2011-09-01	4130	NA	NA	NA
## DATE2011-09-02	3742	NA	NA	NA
## DATE2011-09-03	3499	NA	NA	NA
## DATE2011-09-04	3955	NA	NA	NA
## DATE2011-09-05	2366	NA	NA	NA
## DATE2011-09-06	1725	NA	NA	NA
## DATE2011-09-07	1011	NA	NA	NA
## DATE2011-09-08	857	NA	NA	NA
## DATE2011-09-09	2559	NA	NA	NA
## DATE2011-09-10	4360	NA	NA	NA
## DATE2011-09-11	4061	NA	NA	NA

## DATE2011-09-12	3728	NA	NA	NA
## DATE2011-09-13	3778	NA	NA	NA
## DATE2011-09-14	3800	NA	NA	NA
## DATE2011-09-15	2674	NA	NA	NA
## DATE2011-09-16	3775	NA	NA	NA
## DATE2011-09-17	3526	NA	NA	NA
## DATE2011-09-18	3289	NA	NA	NA
## DATE2011-09-19	3554	NA	NA	NA
## DATE2011-09-20	2656	NA	NA	NA
## DATE2011-09-21	3367	NA	NA	NA
## DATE2011-09-22	3810	NA	NA	NA
## DATE2011-09-23	1410	NA	NA	NA
## DATE2011-09-24	4438	NA	NA	NA
## DATE2011-09-25	4025	NA	NA	NA
## DATE2011-09-26	3645	NA	NA	NA
## DATE2011-09-27	3135	NA	NA	NA
## DATE2011-09-28	2922	NA	NA	NA
## DATE2011-09-29	3854	NA	NA	NA
## DATE2011-09-30	4217	NA	NA	NA
## DATE2011-10-01	1444	NA	NA	NA
## DATE2011-10-02	1933	NA	NA	NA
## DATE2011-10-03	2585	NA	NA	NA
## DATE2011-10-04	3471	NA	NA	NA
## DATE2011-10-05	3841	NA	NA	NA
## DATE2011-10-06	3780	NA	NA	NA
## DATE2011-10-07	4000	NA	NA	NA
## DATE2011-10-08	4424	NA	NA	NA
## DATE2011-10-09	4526	NA	NA	NA
## DATE2011-10-10	4132	NA	NA	NA
## DATE2011-10-11	3578	NA	NA	NA
## DATE2011-10-12	1431	NA	NA	NA
## DATE2011-10-13	1928	NA	NA	NA
## DATE2011-10-14	2659	NA	NA	NA
## DATE2011-10-15	4232	NA	NA	NA
## DATE2011-10-16	4056	NA	NA	NA
## DATE2011-10-17	3585	NA	NA	NA
## DATE2011-10-18	3763	NA	NA	NA
## DATE2011-10-19	1439	NA	NA	NA
## DATE2011-10-20	3210	NA	NA	NA
## DATE2011-10-21	3319	NA	NA	NA
## DATE2011-10-22	3323	NA	NA	NA
## DATE2011-10-23	3396	NA	NA	NA
## DATE2011-10-24	3202	NA	NA	NA
## DATE2011-10-25	3702	NA	NA	NA
## DATE2011-10-26	2909	NA	NA	NA
## DATE2011-10-27	1674	NA	NA	NA
## DATE2011-10-28	2762	NA	NA	NA
## DATE2011-10-29	-358	NA	NA	NA
## DATE2011-10-30	2346	NA	NA	NA
## DATE2011-10-31	2684	NA	NA	NA

## DATE2011-11-01	3083	NA	NA	NA
## DATE2011-11-02	3201	NA	NA	NA
## DATE2011-11-03	2989	NA	NA	NA
## DATE2011-11-04	3061	NA	NA	NA
## DATE2011-11-05	2941	NA	NA	NA
## DATE2011-11-06	2664	NA	NA	NA
## DATE2011-11-07	3050	NA	NA	NA
## DATE2011-11-08	3220	NA	NA	NA
## DATE2011-11-09	3124	NA	NA	NA
## DATE2011-11-10	1948	NA	NA	NA
## DATE2011-11-11	2383	NA	NA	NA
## DATE2011-11-12	3082	NA	NA	NA
## DATE2011-11-13	2732	NA	NA	NA
## DATE2011-11-14	3501	NA	NA	NA
## DATE2011-11-15	3210	NA	NA	NA
## DATE2011-11-16	832	NA	NA	NA
## DATE2011-11-17	2068	NA	NA	NA
## DATE2011-11-18	2407	NA	NA	NA
## DATE2011-11-19	2678	NA	NA	NA
## DATE2011-11-20	2535	NA	NA	NA
## DATE2011-11-21	1780	NA	NA	NA
## DATE2011-11-22	622	NA	NA	NA
## DATE2011-11-23	1581	NA	NA	NA
## DATE2011-11-24	510	NA	NA	NA
## DATE2011-11-25	1807	NA	NA	NA
## DATE2011-11-26	2083	NA	NA	NA
## DATE2011-11-27	2086	NA	NA	NA
## DATE2011-11-28	2882	NA	NA	NA
## DATE2011-11-29	1929	NA	NA	NA
## DATE2011-11-30	2628	NA	NA	NA
## DATE2011-12-01	2742	NA	NA	NA
## DATE2011-12-02	2955	NA	NA	NA
## DATE2011-12-03	2629	NA	NA	NA
## DATE2011-12-04	2500	NA	NA	NA
## DATE2011-12-05	2826	NA	NA	NA
## DATE2011-12-06	1609	NA	NA	NA
## DATE2011-12-07	-280	NA	NA	NA
## DATE2011-12-08	2337	NA	NA	NA
## DATE2011-12-09	2635	NA	NA	NA
## DATE2011-12-10	2205	NA	NA	NA
## DATE2011-12-11	1758	NA	NA	NA
## DATE2011-12-12	2325	NA	NA	NA
## DATE2011-12-13	2538	NA	NA	NA
## DATE2011-12-14	2755	NA	NA	NA
## DATE2011-12-15	2724	NA	NA	NA
## DATE2011-12-16	2592	NA	NA	NA
## DATE2011-12-17	1754	NA	NA	NA
## DATE2011-12-18	1446	NA	NA	NA
## DATE2011-12-19	2418	NA	NA	NA
## DATE2011-12-20	2765	NA	NA	NA

## DATE2011-12-21	1675	NA	NA	NA
## DATE2011-12-22	2083	NA	NA	NA
## DATE2011-12-23	1224	NA	NA	NA
## DATE2011-12-24	26	NA	NA	NA
## DATE2011-12-25	-231	NA	NA	NA
## DATE2011-12-26	332	NA	NA	NA
## DATE2011-12-27	177	NA	NA	NA
## DATE2011-12-28	1317	NA	NA	NA
## DATE2011-12-29	1438	NA	NA	NA
## DATE2011-12-30	2014	NA	NA	NA
## DATE2011-12-31	1500	NA	NA	NA
## DATE2012-01-01	1309	NA	NA	NA
## DATE2012-01-02	966	NA	NA	NA
## DATE2012-01-03	1251	NA	NA	NA
## DATE2012-01-04	1383	NA	NA	NA
## DATE2012-01-05	2287	NA	NA	NA
## DATE2012-01-06	3113	NA	NA	NA
## DATE2012-01-07	3536	NA	NA	NA
## DATE2012-01-08	2440	NA	NA	NA
## DATE2012-01-09	1391	NA	NA	NA
## DATE2012-01-10	2613	NA	NA	NA
## DATE2012-01-11	1192	NA	NA	NA
## DATE2012-01-12	3112	NA	NA	NA
## DATE2012-01-13	2229	NA	NA	NA
## DATE2012-01-14	1508	NA	NA	NA
## DATE2012-01-15	1326	NA	NA	NA
## DATE2012-01-16	1313	NA	NA	NA
## DATE2012-01-17	1950	NA	NA	NA
## DATE2012-01-18	2391	NA	NA	NA
## DATE2012-01-19	2307	NA	NA	NA
## DATE2012-01-20	2178	NA	NA	NA
## DATE2012-01-21	316	NA	NA	NA
## DATE2012-01-22	992	NA	NA	NA
## DATE2012-01-23	1447	NA	NA	NA
## DATE2012-01-24	3354	NA	NA	NA
## DATE2012-01-25	3285	NA	NA	NA
## DATE2012-01-26	3090	NA	NA	NA
## DATE2012-01-27	2471	NA	NA	NA
## DATE2012-01-28	3038	NA	NA	NA
## DATE2012-01-29	2258	NA	NA	NA
## DATE2012-01-30	2639	NA	NA	NA
## DATE2012-01-31	3524	NA	NA	NA
## DATE2012-02-01	3594	NA	NA	NA
## DATE2012-02-02	2776	NA	NA	NA
## DATE2012-02-03	3166	NA	NA	NA
## DATE2012-02-04	1847	NA	NA	NA
## DATE2012-02-05	1962	NA	NA	NA
## DATE2012-02-06	2799	NA	NA	NA
## DATE2012-02-07	3390	NA	NA	NA
## DATE2012-02-08	1817	NA	NA	NA



## DATE2012-02-09	2845	NA	NA	NA
## DATE2012-02-10	2846	NA	NA	NA
## DATE2012-02-11	1184	NA	NA	NA
## DATE2012-02-12	544	NA	NA	NA
## DATE2012-02-13	2437	NA	NA	NA
## DATE2012-02-14	2937	NA	NA	NA
## DATE2012-02-15	3184	NA	NA	NA
## DATE2012-02-16	2020	NA	NA	NA
## DATE2012-02-17	3169	NA	NA	NA
## DATE2012-02-18	3333	NA	NA	NA
## DATE2012-02-19	1704	NA	NA	NA
## DATE2012-02-20	2144	NA	NA	NA
## DATE2012-02-21	2792	NA	NA	NA
## DATE2012-02-22	3788	NA	NA	NA
## DATE2012-02-23	4077	NA	NA	NA
## DATE2012-02-24	2502	NA	NA	NA
## DATE2012-02-25	1747	NA	NA	NA
## DATE2012-02-26	2404	NA	NA	NA
## DATE2012-02-27	3337	NA	NA	NA
## DATE2012-02-28	3378	NA	NA	NA
## DATE2012-02-29	849	NA	NA	NA
## DATE2012-03-01	4005	NA	NA	NA
## DATE2012-03-02	2209	NA	NA	NA
## DATE2012-03-03	3081	NA	NA	NA
## DATE2012-03-04	2438	NA	NA	NA
## DATE2012-03-05	2348	NA	NA	NA
## DATE2012-03-06	2971	NA	NA	NA
## DATE2012-03-07	3931	NA	NA	NA
## DATE2012-03-08	4397	NA	NA	NA
## DATE2012-03-09	3584	NA	NA	NA
## DATE2012-03-10	3133	NA	NA	NA
## DATE2012-03-11	3926	NA	NA	NA
## DATE2012-03-12	4313	NA	NA	NA
## DATE2012-03-13	4862	NA	NA	NA
## DATE2012-03-14	5327	NA	NA	NA
## DATE2012-03-15	5207	NA	NA	NA
## DATE2012-03-16	3393	NA	NA	NA
## DATE2012-03-17	6851	NA	NA	NA
## DATE2012-03-18	4907	NA	NA	NA
## DATE2012-03-19	5168	NA	NA	NA
## DATE2012-03-20	5108	NA	NA	NA
## DATE2012-03-21	5245	NA	NA	NA
## DATE2012-03-22	5886	NA	NA	NA
## DATE2012-03-23	7377	NA	NA	NA
## DATE2012-03-24	2387	NA	NA	NA
## DATE2012-03-25	4011	NA	NA	NA
## DATE2012-03-26	4573	NA	NA	NA
## DATE2012-03-27	4117	NA	NA	NA
## DATE2012-03-28	4713	NA	NA	NA
## DATE2012-03-29	5148	NA	NA	NA

## DATE2012-03-30	4474	NA	NA	NA
## DATE2012-03-31	5250	NA	NA	NA
## DATE2012-04-01	5056	NA	NA	NA
## DATE2012-04-02	4951	NA	NA	NA
## DATE2012-04-03	5787	NA	NA	NA
## DATE2012-04-04	5451	NA	NA	NA
## DATE2012-04-05	5472	NA	NA	NA
## DATE2012-04-06	5475	NA	NA	NA
## DATE2012-04-07	5872	NA	NA	NA
## DATE2012-04-08	4184	NA	NA	NA
## DATE2012-04-09	4600	NA	NA	NA
## DATE2012-04-10	4933	NA	NA	NA
## DATE2012-04-11	3877	NA	NA	NA
## DATE2012-04-12	4424	NA	NA	NA
## DATE2012-04-13	5413	NA	NA	NA
## DATE2012-04-14	6475	NA	NA	NA
## DATE2012-04-15	6147	NA	NA	NA
## DATE2012-04-16	5385	NA	NA	NA
## DATE2012-04-17	5706	NA	NA	NA
## DATE2012-04-18	3382	NA	NA	NA
## DATE2012-04-19	5580	NA	NA	NA
## DATE2012-04-20	6305	NA	NA	NA
## DATE2012-04-21	5639	NA	NA	NA
## DATE2012-04-22	42	NA	NA	NA
## DATE2012-04-23	2229	NA	NA	NA
## DATE2012-04-24	4648	NA	NA	NA
## DATE2012-04-25	5211	NA	NA	NA
## DATE2012-04-26	4041	NA	NA	NA
## DATE2012-04-27	5248	NA	NA	NA
## DATE2012-04-28	3235	NA	NA	NA
## DATE2012-04-29	5319	NA	NA	NA
## DATE2012-04-30	4587	NA	NA	NA
## DATE2012-05-01	4755	NA	NA	NA
## DATE2012-05-02	5184	NA	NA	NA
## DATE2012-05-03	5436	NA	NA	NA
## DATE2012-05-04	5311	NA	NA	NA
## DATE2012-05-05	5898	NA	NA	NA
## DATE2012-05-06	5374	NA	NA	NA
## DATE2012-05-07	5288	NA	NA	NA
## DATE2012-05-08	4743	NA	NA	NA
## DATE2012-05-09	3732	NA	NA	NA
## DATE2012-05-10	5587	NA	NA	NA
## DATE2012-05-11	6045	NA	NA	NA
## DATE2012-05-12	6444	NA	NA	NA
## DATE2012-05-13	5133	NA	NA	NA
## DATE2012-05-14	1858	NA	NA	NA
## DATE2012-05-15	4130	NA	NA	NA
## DATE2012-05-16	6439	NA	NA	NA
## DATE2012-05-17	6399	NA	NA	NA
## DATE2012-05-18	6654	NA	NA	NA

## DATE2012-05-19	7309	NA	NA	NA
## DATE2012-05-20	6144	NA	NA	NA
## DATE2012-05-21	3374	NA	NA	NA
## DATE2012-05-22	5088	NA	NA	NA
## DATE2012-05-23	4275	NA	NA	NA
## DATE2012-05-24	5785	NA	NA	NA
## DATE2012-05-25	5749	NA	NA	NA
## DATE2012-05-26	5551	NA	NA	NA
## DATE2012-05-27	5606	NA	NA	NA
## DATE2012-05-28	5058	NA	NA	NA
## DATE2012-05-29	4758	NA	NA	NA
## DATE2012-05-30	5870	NA	NA	NA
## DATE2012-05-31	6353	NA	NA	NA
## DATE2012-06-01	3142	NA	NA	NA
## DATE2012-06-02	7135	NA	NA	NA
## DATE2012-06-03	6656	NA	NA	NA
## DATE2012-06-04	6013	NA	NA	NA
## DATE2012-06-05	6016	NA	NA	NA
## DATE2012-06-06	6070	NA	NA	NA
## DATE2012-06-07	6509	NA	NA	NA
## DATE2012-06-08	6751	NA	NA	NA
## DATE2012-06-09	6513	NA	NA	NA
## DATE2012-06-10	5613	NA	NA	NA
## DATE2012-06-11	5679	NA	NA	NA
## DATE2012-06-12	3987	NA	NA	NA
## DATE2012-06-13	6436	NA	NA	NA
## DATE2012-06-14	6378	NA	NA	NA
## DATE2012-06-15	6680	NA	NA	NA
## DATE2012-06-16	6717	NA	NA	NA
## DATE2012-06-17	5993	NA	NA	NA
## DATE2012-06-18	4114	NA	NA	NA
## DATE2012-06-19	5840	NA	NA	NA
## DATE2012-06-20	5226	NA	NA	NA
## DATE2012-06-21	4920	NA	NA	NA
## DATE2012-06-22	4838	NA	NA	NA
## DATE2012-06-23	6473	NA	NA	NA
## DATE2012-06-24	5906	NA	NA	NA
## DATE2012-06-25	5794	NA	NA	NA
## DATE2012-06-26	6457	NA	NA	NA
## DATE2012-06-27	6350	NA	NA	NA
## DATE2012-06-28	5894	NA	NA	NA
## DATE2012-06-29	4478	NA	NA	NA
## DATE2012-06-30	4702	NA	NA	NA
## DATE2012-07-01	4546	NA	NA	NA
## DATE2012-07-02	5242	NA	NA	NA
## DATE2012-07-03	5675	NA	NA	NA
## DATE2012-07-04	6418	NA	NA	NA
## DATE2012-07-05	5256	NA	NA	NA
## DATE2012-07-06	5222	NA	NA	NA
## DATE2012-07-07	3855	NA	NA	NA

## DATE2012-07-08	3687	NA	NA	NA
## DATE2012-07-09	5584	NA	NA	NA
## DATE2012-07-10	5305	NA	NA	NA
## DATE2012-07-11	6279	NA	NA	NA
## DATE2012-07-12	6461	NA	NA	NA
## DATE2012-07-13	6514	NA	NA	NA
## DATE2012-07-14	5984	NA	NA	NA
## DATE2012-07-15	5046	NA	NA	NA
## DATE2012-07-16	5845	NA	NA	NA
## DATE2012-07-17	5801	NA	NA	NA
## DATE2012-07-18	4728	NA	NA	NA
## DATE2012-07-19	5606	NA	NA	NA
## DATE2012-07-20	4885	NA	NA	NA
## DATE2012-07-21	3474	NA	NA	NA
## DATE2012-07-22	6425	NA	NA	NA
## DATE2012-07-23	5981	NA	NA	NA
## DATE2012-07-24	6607	NA	NA	NA
## DATE2012-07-25	7188	NA	NA	NA
## DATE2012-07-26	5876	NA	NA	NA
## DATE2012-07-27	5919	NA	NA	NA
## DATE2012-07-28	5700	NA	NA	NA
## DATE2012-07-29	5612	NA	NA	NA
## DATE2012-07-30	6120	NA	NA	NA
## DATE2012-07-31	6231	NA	NA	NA
## DATE2012-08-01	6595	NA	NA	NA
## DATE2012-08-02	6276	NA	NA	NA
## DATE2012-08-03	6190	NA	NA	NA
## DATE2012-08-04	5839	NA	NA	NA
## DATE2012-08-05	4479	NA	NA	NA
## DATE2012-08-06	6028	NA	NA	NA
## DATE2012-08-07	6288	NA	NA	NA
## DATE2012-08-08	6549	NA	NA	NA
## DATE2012-08-09	6301	NA	NA	NA
## DATE2012-08-10	4801	NA	NA	NA
## DATE2012-08-11	5314	NA	NA	NA
## DATE2012-08-12	5559	NA	NA	NA
## DATE2012-08-13	5898	NA	NA	NA
## DATE2012-08-14	5799	NA	NA	NA
## DATE2012-08-15	6362	NA	NA	NA
## DATE2012-08-16	6620	NA	NA	NA
## DATE2012-08-17	6163	NA	NA	NA
## DATE2012-08-18	6880	NA	NA	NA
## DATE2012-08-19	3564	NA	NA	NA
## DATE2012-08-20	5545	NA	NA	NA
## DATE2012-08-21	6021	NA	NA	NA
## DATE2012-08-22	6390	NA	NA	NA
## DATE2012-08-23	6780	NA	NA	NA
## DATE2012-08-24	6597	NA	NA	NA
## DATE2012-08-25	5068	NA	NA	NA
## DATE2012-08-26	4270	NA	NA	NA

## DATE2012-08-27	5932	NA	NA	NA
## DATE2012-08-28	6055	NA	NA	NA
## DATE2012-08-29	6712	NA	NA	NA
## DATE2012-08-30	6728	NA	NA	NA
## DATE2012-08-31	6365	NA	NA	NA
## DATE2012-09-01	5155	NA	NA	NA
## DATE2012-09-02	4825	NA	NA	NA
## DATE2012-09-03	5049	NA	NA	NA
## DATE2012-09-04	5879	NA	NA	NA
## DATE2012-09-05	6127	NA	NA	NA
## DATE2012-09-06	5218	NA	NA	NA
## DATE2012-09-07	6519	NA	NA	NA
## DATE2012-09-08	4991	NA	NA	NA
## DATE2012-09-09	7242	NA	NA	NA
## DATE2012-09-10	6540	NA	NA	NA
## DATE2012-09-11	6782	NA	NA	NA
## DATE2012-09-12	6885	NA	NA	NA
## DATE2012-09-13	6819	NA	NA	NA
## DATE2012-09-14	7024	NA	NA	NA
## DATE2012-09-15	7729	NA	NA	NA
## DATE2012-09-16	6348	NA	NA	NA
## DATE2012-09-17	5884	NA	NA	NA
## DATE2012-09-18	3088	NA	NA	NA
## DATE2012-09-19	6606	NA	NA	NA
## DATE2012-09-20	6735	NA	NA	NA
## DATE2012-09-21	7182	NA	NA	NA
## DATE2012-09-22	7410	NA	NA	NA
## DATE2012-09-23	6922	NA	NA	NA
## DATE2012-09-24	6451	NA	NA	NA
## DATE2012-09-25	6553	NA	NA	NA
## DATE2012-09-26	6748	NA	NA	NA
## DATE2012-09-27	6408	NA	NA	NA
## DATE2012-09-28	6430	NA	NA	NA
## DATE2012-09-29	7570	NA	NA	NA
## DATE2012-09-30	5904	NA	NA	NA
## DATE2012-10-01	5793	NA	NA	NA
## DATE2012-10-02	3654	NA	NA	NA
## DATE2012-10-03	6587	NA	NA	NA
## DATE2012-10-04	6343	NA	NA	NA
## DATE2012-10-05	7171	NA	NA	NA
## DATE2012-10-06	6980	NA	NA	NA
## DATE2012-10-07	2525	NA	NA	NA
## DATE2012-10-08	4493	NA	NA	NA
## DATE2012-10-09	5407	NA	NA	NA
## DATE2012-10-10	6706	NA	NA	NA
## DATE2012-10-11	6585	NA	NA	NA
## DATE2012-10-12	6297	NA	NA	NA
## DATE2012-10-13	6124	NA	NA	NA
## DATE2012-10-14	5654	NA	NA	NA
## DATE2012-10-15	4890	NA	NA	NA

## DATE2012-10-16	6549	NA	NA	NA
## DATE2012-10-17	6476	NA	NA	NA
## DATE2012-10-18	6524	NA	NA	NA
## DATE2012-10-19	4439	NA	NA	NA
## DATE2012-10-20	7105	NA	NA	NA
## DATE2012-10-21	5839	NA	NA	NA
## DATE2012-10-22	6073	NA	NA	NA
## DATE2012-10-23	6481	NA	NA	NA
## DATE2012-10-24	6708	NA	NA	NA
## DATE2012-10-25	6374	NA	NA	NA
## DATE2012-10-26	6459	NA	NA	NA
## DATE2012-10-27	6867	NA	NA	NA
## DATE2012-10-28	3474	NA	NA	NA
## DATE2012-10-29	-963	NA	NA	NA
## DATE2012-10-30	111	NA	NA	NA
## DATE2012-10-31	4581	NA	NA	NA
## DATE2012-11-01	5001	NA	NA	NA
## DATE2012-11-02	4862	NA	NA	NA
## DATE2012-11-03	4153	NA	NA	NA
## DATE2012-11-04	4122	NA	NA	NA
## DATE2012-11-05	4274	NA	NA	NA
## DATE2012-11-06	4701	NA	NA	NA
## DATE2012-11-07	4050	NA	NA	NA
## DATE2012-11-08	4330	NA	NA	NA
## DATE2012-11-09	5007	NA	NA	NA
## DATE2012-11-10	5551	NA	NA	NA
## DATE2012-11-11	5867	NA	NA	NA
## DATE2012-11-12	5284	NA	NA	NA
## DATE2012-11-13	3109	NA	NA	NA
## DATE2012-11-14	4510	NA	NA	NA
## DATE2012-11-15	4460	NA	NA	NA
## DATE2012-11-16	4713	NA	NA	NA
## DATE2012-11-17	4644	NA	NA	NA
## DATE2012-11-18	3684	NA	NA	NA
## DATE2012-11-19	4514	NA	NA	NA
## DATE2012-11-20	4649	NA	NA	NA
## DATE2012-11-21	4161	NA	NA	NA
## DATE2012-11-22	1440	NA	NA	NA
## DATE2012-11-23	2925	NA	NA	NA
## DATE2012-11-24	1292	NA	NA	NA
## DATE2012-11-25	1439	NA	NA	NA
## DATE2012-11-26	4102	NA	NA	NA
## DATE2012-11-27	2974	NA	NA	NA
## DATE2012-11-28	4275	NA	NA	NA
## DATE2012-11-29	4338	NA	NA	NA
## DATE2012-11-30	4683	NA	NA	NA
## DATE2012-12-01	4206	NA	NA	NA
## DATE2012-12-02	3664	NA	NA	NA
## DATE2012-12-03	5249	NA	NA	NA
## DATE2012-12-04	5621	NA	NA	NA

## DATE2012-12-05	4744	NA	NA	NA
## DATE2012-12-06	4390	NA	NA	NA
## DATE2012-12-07	4023	NA	NA	NA
## DATE2012-12-08	4597	NA	NA	NA
## DATE2012-12-09	2243	NA	NA	NA
## DATE2012-12-10	4185	NA	NA	NA
## DATE2012-12-11	4516	NA	NA	NA
## DATE2012-12-12	4334	NA	NA	NA
## DATE2012-12-13	4547	NA	NA	NA
## DATE2012-12-14	4626	NA	NA	NA
## DATE2012-12-15	4062	NA	NA	NA
## DATE2012-12-16	2801	NA	NA	NA
## DATE2012-12-17	3600	NA	NA	NA
## DATE2012-12-18	4572	NA	NA	NA
## DATE2012-12-19	4282	NA	NA	NA
## DATE2012-12-20	3143	NA	NA	NA
## DATE2012-12-21	2638	NA	NA	NA
## DATE2012-12-22	764	NA	NA	NA
## DATE2012-12-23	802	NA	NA	NA
## DATE2012-12-24	-65	NA	NA	NA
## DATE2012-12-25	28	NA	NA	NA
## DATE2012-12-26	-544	NA	NA	NA
## DATE2012-12-27	1129	NA	NA	NA
## DATE2012-12-28	2110	NA	NA	NA
## DATE2012-12-29	356	NA	NA	NA
## DATE2012-12-30	811	NA	NA	NA
## DATE2012-12-31	1744	NA	NA	NA
## HOLIDAYYES	NA	NA	NA	NA
## WEEKDAYYES	NA	NA	NA	NA
## WEATHERSIT	NA	NA	NA	NA
## TEMP	NA	NA	NA	NA
## ATEMP	NA	NA	NA	NA
## HUMIDITY	NA	NA	NA	NA
## WINDSPEED	NA	NA	NA	NA
## CASUAL	NA	NA	NA	NA
## REGISTERED	NA	NA	NA	NA
## date	NA	NA	NA	NA
## MONTHAugust	NA	NA	NA	NA
## MONTHDecember	NA	NA	NA	NA
## MONTHFebruary	NA	NA	NA	NA
## MONTHJanuary	NA	NA	NA	NA
## MONTHJuly	NA	NA	NA	NA
## MONTHJune	NA	NA	NA	NA
## MONTHMarch	NA	NA	NA	NA
## MONTHMay	NA	NA	NA	NA
## MONTHNovember	NA	NA	NA	NA
## MONTHOctober	NA	NA	NA	NA
## MONTHSeptember	NA	NA	NA	NA
##				
## Residual standard error: NaN on 0 degrees of freedom				

```
## Multiple R-squared:      1, Adjusted R-squared:      NaN
## F-statistic:      NaN on 730 and 0 DF,  p-value: NA
```

```
dfbOrg$BADWEATHER <- ifelse(dfbOrg$WEATHERSIT == 3 | dfbOrg$WEATHERSIT == 4,
"YES", "NO")
dfbOrg
```

```
##          DATE HOLIDAY WEEKDAY WEATHERSIT TEMP  ATEMP  HUMIDITY WINDSPEED
CASUAL
## 1  2011-01-01      NO      NO          2 11.0  11.0    81.0    17.00
331
## 2  2011-01-02      NO      NO          2  9.0   6.5    71.5    17.00
131
## 3  2011-01-03      NO     YES          1  1.0   4.0    44.0    18.00
120
## 4  2011-01-04      NO     YES          1  2.0   2.5    64.0     9.00
108
## 5  2011-01-05      NO     YES          1  2.5   1.0    42.5    13.00
82
## 6  2011-01-06      NO     YES          1  2.0   2.0    52.0     6.00
88
## 7  2011-01-07      NO     YES          2  1.0   3.0    47.5    11.00
148
## 8  2011-01-08      NO      NO          2  1.0   5.0    51.0    17.00
68
## 9  2011-01-09      NO      NO          1  2.0   8.5    46.0    25.00
54
## 10 2011-01-10      NO     YES          1  2.0   6.0    50.0    15.00
41
## 11 2011-01-11      NO     YES          2  1.0   3.5    57.0     7.00
43
## 12 2011-01-12      NO     YES          1  1.0   5.5    55.0    22.00
25
## 13 2011-01-13      NO     YES          1  2.0   7.0    48.5    20.00
38
## 14 2011-01-14      NO     YES          1  2.0   3.0    54.0     8.00
54
## 15 2011-01-15      NO      NO          2  3.5   3.5    52.0    12.00
222
## 16 2011-01-16      NO      NO          1  2.5   2.0    49.5    15.00
251
## 17 2011-01-17     YES     YES          2  1.0   4.0    48.0    13.00
117
## 18 2011-01-18      NO     YES          2  1.0   3.0    87.0    14.00
9
## 19 2011-01-19      NO     YES          2  5.5   2.5    71.5    10.00
78
## 20 2011-01-20      NO     YES          2  4.0   2.0    56.0    15.00
83
## 21 2011-01-21      NO     YES          1  2.0   5.0    42.0    22.00
```



75									
## 22	2011-01-22	NO	NO	1	6.5	11.0	42.0	11.00	
93									
## 23	2011-01-23	NO	NO	1	4.0	10.0	42.0	15.00	
150									
## 24	2011-01-24	NO	YES	1	2.5	7.0	49.0	13.00	
86									
## 25	2011-01-25	NO	YES	2	2.0	4.0	65.0	9.00	
186									
## 26	2011-01-26	NO	YES	3	2.0	4.0	93.0	22.00	
34									
## 27	2011-01-27	NO	YES	1	1.5	2.0	70.0	12.00	
15									
## 28	2011-01-28	NO	YES	2	1.0	2.0	80.0	7.00	
38									
## 29	2011-01-29	NO	NO	1	1.0	2.5	64.0	9.00	
123									
## 30	2011-01-30	NO	NO	1	3.0	2.0	70.0	0.00	
140									
## 31	2011-01-31	NO	YES	2	1.0	4.0	59.0	13.00	
42									
## 32	2011-02-01	NO	YES	2	2.0	1.0	86.5	0.00	
47									
## 33	2011-02-02	NO	YES	2	2.5	2.5	93.0	16.00	
72									
## 34	2011-02-03	NO	YES	1	1.0	4.5	44.0	20.00	
61									
## 35	2011-02-04	NO	YES	2	3.0	1.5	59.0	9.00	
88									
## 36	2011-02-05	NO	NO	2	2.0	1.0	100.0	10.00	
100									
## 37	2011-02-06	NO	NO	1	4.5	3.0	61.0	7.00	
354									
## 38	2011-02-07	NO	YES	1	5.0	5.0	75.0	0.00	
120									
## 39	2011-02-08	NO	YES	1	3.0	4.0	40.0	27.00	
64									
## 40	2011-02-09	NO	YES	2	2.0	6.0	44.0	12.00	
53									
## 41	2011-02-10	NO	YES	1	2.0	5.5	41.5	15.00	
47									
## 42	2011-02-11	NO	YES	1	4.0	4.0	59.0	6.00	
149									
## 43	2011-02-12	NO	NO	1	3.5	2.0	43.5	10.00	
288									
## 44	2011-02-13	NO	NO	1	9.5	6.0	36.0	20.00	
397									
## 45	2011-02-14	NO	YES	1	10.0	6.0	40.5	29.00	
208									
## 46	2011-02-15	NO	YES	1	4.0	3.5	32.0	17.00	

140								
## 47	2011-02-16	NO	YES	1	8.0	5.5	44.0	15.00
218								
## 48	2011-02-17	NO	YES	1	13.5	13.5	54.5	15.00
259								
## 49	2011-02-18	NO	YES	1	15.5	15.5	51.0	16.00
579								
## 50	2011-02-19	NO	NO	1	11.0	11.0	17.0	35.00
532								
## 51	2011-02-20	NO	NO	1	6.0	4.0	42.5	11.00
639								
## 52	2011-02-21	YES	YES	2	7.0	5.0	66.0	20.00
195								
## 53	2011-02-22	NO	YES	1	2.0	6.0	60.0	17.00
74								
## 54	2011-02-23	NO	YES	1	3.0	6.0	48.0	6.00
139								
## 55	2011-02-24	NO	YES	2	7.0	4.0	70.0	19.00
100								
## 56	2011-02-25	NO	YES	2	7.0	6.0	60.0	24.00
120								
## 57	2011-02-26	NO	NO	1	5.0	3.0	56.0	14.00
424								
## 58	2011-02-27	NO	NO	1	9.0	8.0	62.0	9.00
694								
## 59	2011-02-28	NO	YES	2	10.0	8.0	93.0	19.50
81								
## 60	2011-03-01	NO	YES	1	3.5	4.0	58.0	14.00
137								
## 61	2011-03-02	NO	YES	1	6.5	3.5	37.0	19.50
231								
## 62	2011-03-03	NO	YES	1	1.5	3.0	34.0	13.00
123								
## 63	2011-03-04	NO	YES	2	5.5	4.0	67.5	13.00
214								
## 64	2011-03-05	NO	NO	2	12.0	12.0	77.0	19.50
640								
## 65	2011-03-06	NO	NO	2	11.5	11.5	100.0	21.00
114								
## 66	2011-03-07	NO	YES	1	4.0	4.0	48.0	26.00
244								
## 67	2011-03-08	NO	YES	1	6.0	3.0	45.5	8.00
316								
## 68	2011-03-09	NO	YES	2	7.0	3.0	76.0	17.00
191								
## 69	2011-03-10	NO	YES	3	10.5	9.5	100.0	17.00
46								
## 70	2011-03-11	NO	YES	2	7.0	4.0	57.0	17.00
247								
## 71	2011-03-12	NO	NO	1	8.5	5.5	63.5	13.00

724									
## 72	2011-03-13	NO	NO	1	9.5	8.5	53.5	20.00	
982									
## 73	2011-03-14	NO	YES	1	7.5	5.5	47.5	9.00	
359									
## 74	2011-03-15	NO	YES	2	7.0	5.0	68.0	13.00	
289									
## 75	2011-03-16	NO	YES	2	9.0	8.0	82.0	13.00	
321									
## 76	2011-03-17	NO	YES	1	12.0	12.0	63.0	15.00	
424									
## 77	2011-03-18	NO	YES	1	19.0	19.0	52.0	15.00	
884									
## 78	2011-03-19	NO	NO	1	14.0	14.0	38.0	25.00	
1424									
## 79	2011-03-20	NO	NO	1	8.0	5.0	51.5	15.00	
1047									
## 80	2011-03-21	NO	YES	2	12.5	12.5	74.5	19.50	
401									
## 81	2011-03-22	NO	YES	1	13.0	13.0	56.5	16.00	
460									
## 82	2011-03-23	NO	YES	2	8.0	5.0	87.0	15.00	
203									
## 83	2011-03-24	NO	YES	2	5.5	2.0	76.0	15.00	
166									
## 84	2011-03-25	NO	YES	1	4.5	3.0	44.0	17.00	
300									
## 85	2011-03-26	NO	NO	1	4.0	2.0	42.0	13.00	
981									
## 86	2011-03-27	NO	NO	2	4.0	3.0	45.0	12.00	
472									
## 87	2011-03-28	NO	YES	1	4.0	3.0	26.0	15.00	
222									
## 88	2011-03-29	NO	YES	1	7.5	4.5	28.0	17.00	
317									
## 89	2011-03-30	NO	YES	2	7.0	5.0	57.0	15.00	
168									
## 90	2011-03-31	NO	YES	3	4.5	1.5	93.0	15.00	
179									
## 91	2011-04-01	NO	YES	2	7.0	4.0	61.0	17.00	
307									
## 92	2011-04-02	NO	NO	2	7.0	4.5	65.5	11.00	
898									
## 93	2011-04-03	NO	NO	1	11.0	11.0	44.0	13.00	
1651									
## 94	2011-04-04	NO	YES	1	22.0	21.5	43.0	25.00	
734									
## 95	2011-04-05	NO	YES	2	10.0	6.0	60.0	28.00	
167									
## 96	2011-04-06	NO	YES	1	12.5	12.5	41.0	18.00	

413							
## 97	2011-04-07	NO	YES	1	12.0	12.0	63.0 13.00
571							
## 98	2011-04-08	NO	YES	2	8.0	6.0	87.0 15.00
172							
## 99	2011-04-09	NO	NO	2	9.0	8.0	87.0 9.00
879							
## 100	2011-04-10	NO	NO	2	11.5	11.5	88.0 9.00
1188							
## 101	2011-04-11	NO	YES	2	20.5	20.5	73.0 19.50
855							
## 102	2011-04-12	NO	YES	2	16.0	16.0	77.0 19.00
257							
## 103	2011-04-13	NO	YES	2	11.5	11.5	85.0 17.00
209							
## 104	2011-04-14	NO	YES	1	14.0	14.0	55.0 9.00
529							
## 105	2011-04-15	YES	YES	1	13.0	13.0	67.0 17.00
642							
## 106	2011-04-16	NO	NO	3	12.0	12.0	88.0 22.00
121							
## 107	2011-04-17	NO	NO	1	13.5	13.5	43.0 22.00
1558							
## 108	2011-04-18	NO	YES	1	17.0	17.0	49.0 11.00
669							
## 109	2011-04-19	NO	YES	2	16.0	16.0	67.5 11.00
409							
## 110	2011-04-20	NO	YES	1	22.0	22.0	54.5 17.00
613							
## 111	2011-04-21	NO	YES	1	13.5	13.5	42.5 23.00
745							
## 112	2011-04-22	NO	YES	2	8.0	5.0	66.0 15.00
177							
## 113	2011-04-23	NO	NO	2	14.0	14.0	88.0 15.00
1462							
## 114	2011-04-24	NO	NO	2	19.0	19.0	83.0 13.00
1710							
## 115	2011-04-25	NO	YES	1	21.0	21.0	74.0 15.00
773							
## 116	2011-04-26	NO	YES	1	22.5	22.5	74.0 22.00
678							
## 117	2011-04-27	NO	YES	2	22.0	22.0	83.0 19.00
547							
## 118	2011-04-28	NO	YES	2	22.0	22.0	78.0 22.00
569							
## 119	2011-04-29	NO	YES	1	17.0	17.0	45.0 19.00
878							
## 120	2011-04-30	NO	NO	1	13.0	13.0	54.0 15.00
1965							
## 121	2011-05-01	NO	NO	2	14.0	14.0	77.0 7.00

1138							
## 122	2011-05-02	NO	YES	2	19.5	19.5	73.0 13.00
847							
## 123	2011-05-03	NO	YES	2	22.0	22.0	66.5 23.00
603							
## 124	2011-05-04	NO	YES	2	11.0	11.0	74.5 22.00
255							
## 125	2011-05-05	NO	YES	1	15.5	15.5	39.0 17.00
614							
## 126	2011-05-06	NO	YES	1	14.0	14.0	62.0 11.00
894							
## 127	2011-05-07	NO	NO	1	18.0	18.0	49.0 11.00
1612							
## 128	2011-05-08	NO	NO	1	17.0	17.0	63.0 6.00
1401							
## 129	2011-05-09	NO	YES	1	17.5	17.5	56.0 13.00
664							
## 130	2011-05-10	NO	YES	1	17.5	17.5	52.0 8.00
694							
## 131	2011-05-11	NO	YES	1	17.5	17.5	61.5 9.00
550							
## 132	2011-05-12	NO	YES	1	18.0	18.0	78.0 13.00
695							
## 133	2011-05-13	NO	YES	2	17.0	17.0	88.0 11.00
692							
## 134	2011-05-14	NO	NO	2	17.0	17.0	94.0 9.00
902							
## 135	2011-05-15	NO	NO	2	18.5	18.5	85.5 9.00
1582							
## 136	2011-05-16	NO	YES	1	19.5	19.5	83.0 9.00
773							
## 137	2011-05-17	NO	YES	2	19.0	19.0	88.0 20.00
678							
## 138	2011-05-18	NO	YES	2	18.0	18.0	88.0 15.00
536							
## 139	2011-05-19	NO	YES	2	17.5	17.5	88.0 6.50
735							
## 140	2011-05-20	NO	YES	1	18.5	18.5	66.0 7.00
909							
## 141	2011-05-21	NO	NO	1	21.5	21.5	62.5 8.00
2258							
## 142	2011-05-22	NO	NO	1	22.0	22.0	71.0 9.00
1576							
## 143	2011-05-23	NO	YES	2	22.0	23.0	88.0 15.00
836							
## 144	2011-05-24	NO	YES	2	23.5	23.5	74.0 13.00
659							
## 145	2011-05-25	NO	YES	1	24.5	24.5	67.0 9.00
740							
## 146	2011-05-26	NO	YES	1	26.5	27.5	65.5 12.00

## 147	2011-05-27	NO	YES	1	25.0	25.0	65.0	17.00
871								
## 148	2011-05-28	NO	NO	1	24.0	24.0	74.0	15.00
2001								
## 149	2011-05-29	NO	NO	1	24.0	25.0	83.0	15.00
2355								
## 150	2011-05-30	YES	YES	1	27.0	29.0	70.0	7.00
1549								
## 151	2011-05-31	NO	YES	1	30.0	33.0	60.5	8.00
673								
## 152	2011-06-01	NO	YES	2	28.0	31.0	74.0	13.00
513								
## 153	2011-06-02	NO	YES	1	27.0	26.0	29.5	20.00
736								
## 154	2011-06-03	NO	YES	1	22.0	21.0	34.5	19.00
898								
## 155	2011-06-04	NO	NO	1	23.0	23.0	46.5	7.00
1869								
## 156	2011-06-05	NO	NO	2	23.0	23.0	65.0	11.00
1685								
## 157	2011-06-06	NO	YES	1	24.5	24.5	59.5	9.00
673								
## 158	2011-06-07	NO	YES	1	27.0	28.5	59.5	12.00
763								
## 159	2011-06-08	NO	YES	1	31.0	34.0	62.0	9.00
676								
## 160	2011-06-09	NO	YES	2	30.0	32.5	50.0	10.00
563								
## 161	2011-06-10	NO	YES	1	29.0	30.5	60.5	9.00
815								
## 162	2011-06-11	NO	NO	1	26.5	28.0	62.0	10.00
1729								
## 163	2011-06-12	NO	NO	1	24.5	25.5	78.0	11.00
1467								
## 164	2011-06-13	NO	YES	1	23.0	22.5	45.5	20.00
863								
## 165	2011-06-14	NO	YES	1	21.0	21.0	50.0	18.00
727								
## 166	2011-06-15	NO	YES	1	22.5	22.5	48.5	11.00
769								
## 167	2011-06-16	NO	YES	2	22.0	22.0	68.0	13.00
545								
## 168	2011-06-17	NO	YES	1	22.5	23.0	83.0	9.00
863								
## 169	2011-06-18	NO	NO	1	27.0	28.0	62.0	8.00
1807								
## 170	2011-06-19	NO	NO	2	26.0	27.0	67.5	7.00
1639								
## 171	2011-06-20	NO	YES	2	23.0	23.0	78.0	11.00

699							
## 172	2011-06-21	NO	YES	2	25.0	26.0	78.0
774							11.00
## 173	2011-06-22	NO	YES	1	27.5	30.5	76.0
661							12.00
## 174	2011-06-23	NO	YES	2	27.0	29.0	70.0
746							15.00
## 175	2011-06-24	NO	YES	1	26.5	27.0	48.0
969							15.00
## 176	2011-06-25	NO	NO	1	26.0	26.0	48.0
1782							13.00
## 177	2011-06-26	NO	NO	1	26.0	26.0	52.0
1920							7.00
## 178	2011-06-27	NO	YES	2	26.0	27.0	65.0
854							9.00
## 179	2011-06-28	NO	YES	1	28.0	29.5	68.0
732							11.00
## 180	2011-06-29	NO	YES	1	27.0	27.0	42.0
848							18.00
## 181	2011-06-30	NO	YES	1	26.0	26.0	42.0
1027							13.00
## 182	2011-07-01	NO	YES	1	26.0	26.0	42.0
1246							9.00
## 183	2011-07-02	NO	NO	1	28.0	28.5	47.5
2204							7.00
## 184	2011-07-03	NO	NO	2	25.5	26.5	70.0
2282							12.00
## 185	2011-07-04	YES	YES	2	28.0	30.0	62.0
3065							6.00
## 186	2011-07-05	NO	YES	1	29.0	30.0	62.0
1031							7.00
## 187	2011-07-06	NO	YES	1	27.0	29.0	74.0
784							11.00
## 188	2011-07-07	NO	YES	1	28.0	30.5	62.0
754							11.00
## 189	2011-07-08	NO	YES	2	26.0	27.0	78.5
692							15.00
## 190	2011-07-09	NO	NO	1	28.0	29.0	58.0
1988							11.00
## 191	2011-07-10	NO	NO	1	28.0	30.0	61.0
1743							13.00
## 192	2011-07-11	NO	YES	1	27.5	29.5	61.0
723							19.00
## 193	2011-07-12	NO	YES	1	31.0	32.0	52.0
662							13.00
## 194	2011-07-13	NO	YES	1	28.0	29.0	58.0
748							11.00
## 195	2011-07-14	NO	YES	1	24.5	24.5	48.5
888							17.00
## 196	2011-07-15	NO	YES	1	24.0	24.0	55.5
							13.00

1318							
## 197 2011-07-16	NO	NO	1	26.0	27.0	56.0	15.00
2418							
## 198 2011-07-17	NO	NO	1	27.5	29.0	60.0	15.00
2006							
## 199 2011-07-18	NO	YES	1	28.5	30.5	66.0	15.00
841							
## 200 2011-07-19	NO	YES	1	29.0	33.0	66.0	9.00
752							
## 201 2011-07-20	NO	YES	1	29.0	34.0	70.0	7.00
644							
## 202 2011-07-21	NO	YES	2	32.0	41.0	71.0	15.00
632							
## 203 2011-07-22	NO	YES	1	33.0	38.0	57.5	7.00
562							
## 204 2011-07-23	NO	NO	1	32.0	36.0	52.0	9.00
987							
## 205 2011-07-24	NO	NO	1	32.0	36.0	55.0	10.00
1050							
## 206 2011-07-25	NO	YES	1	28.0	31.0	79.0	6.00
568							
## 207 2011-07-26	NO	YES	1	29.5	30.5	47.5	15.00
750							
## 208 2011-07-27	NO	YES	1	29.5	29.5	43.5	14.00
755							
## 209 2011-07-28	NO	YES	1	30.0	34.0	56.0	13.00
606							
## 210 2011-07-29	NO	YES	1	33.0	35.5	46.5	13.00
670							
## 211 2011-07-30	NO	NO	1	30.5	32.0	47.5	11.00
1559							
## 212 2011-07-31	NO	NO	1	30.0	32.0	55.0	11.00
1524							
## 213 2011-08-01	NO	YES	1	28.0	29.0	56.5	12.00
729							
## 214 2011-08-02	NO	YES	1	31.0	32.0	47.5	15.00
801							
## 215 2011-08-03	NO	YES	2	28.0	29.0	58.0	9.00
467							
## 216 2011-08-04	NO	YES	2	26.0	27.0	74.0	14.00
799							
## 217 2011-08-05	NO	YES	1	26.0	27.0	65.0	15.00
1023							
## 218 2011-08-06	NO	NO	2	27.0	30.0	78.0	15.00
1521							
## 219 2011-08-07	NO	NO	1	27.0	29.0	84.0	13.00
1298							
## 220 2011-08-08	NO	YES	1	29.0	31.0	56.5	10.00
846							
## 221 2011-08-09	NO	YES	1	30.0	30.5	57.0	11.00



907							
## 222	2011-08-10	NO	YES	1	29.0	29.0	39.0
884							14.00
## 223	2011-08-11	NO	YES	1	26.5	26.5	42.0
812							11.00
## 224	2011-08-12	NO	YES	1	26.5	26.5	42.0
1051							9.00
## 225	2011-08-13	NO	NO	2	25.0	26.0	74.0
1504							13.00
## 226	2011-08-14	NO	NO	2	24.0	25.0	83.5
1338							14.00
## 227	2011-08-15	NO	YES	1	24.0	24.0	69.0
775							15.00
## 228	2011-08-16	NO	YES	1	26.0	27.0	58.0
721							16.00
## 229	2011-08-17	NO	YES	1	27.5	28.0	56.5
668							11.00
## 230	2011-08-18	NO	YES	1	25.0	25.5	67.5
639							17.00
## 231	2011-08-19	NO	YES	2	23.5	24.5	80.5
797							6.00
## 232	2011-08-20	NO	NO	1	26.5	27.5	67.0
1914							9.00
## 233	2011-08-21	NO	NO	1	26.0	28.0	79.0
1249							17.00
## 234	2011-08-22	NO	YES	1	25.5	26.0	39.5
833							20.00
## 235	2011-08-23	NO	YES	1	22.5	22.5	49.5
1281							12.00
## 236	2011-08-24	NO	YES	1	26.0	27.0	59.0
949							20.00
## 237	2011-08-25	NO	YES	2	25.0	25.0	78.0
435							20.00
## 238	2011-08-26	NO	YES	1	27.0	30.0	79.0
768							7.00
## 239	2011-08-27	NO	NO	2	24.0	25.0	84.0
226							29.50
## 240	2011-08-28	NO	NO	1	24.0	24.0	65.0
1415							26.00
## 241	2011-08-29	NO	YES	1	22.5	22.5	53.0
729							11.00
## 242	2011-08-30	NO	YES	1	23.5	23.5	53.5
775							9.00
## 243	2011-08-31	NO	YES	1	24.0	24.0	61.0
688							6.00
## 244	2011-09-01	NO	YES	1	24.0	24.0	59.5
783							9.00
## 245	2011-09-02	NO	YES	2	23.0	23.0	74.0
875							9.00
## 246	2011-09-03	NO	NO	1	24.0	24.5	70.0
							11.00

1935							
## 247	2011-09-04	NO	NO	1	27.0	29.0	74.0
2521							13.00
## 248	2011-09-05	YES	YES	2	24.5	25.0	76.0
1236							11.00
## 249	2011-09-06	NO	YES	3	18.0	18.0	88.0
204							24.00
## 250	2011-09-07	NO	YES	3	21.0	21.0	94.0
118							7.00
## 251	2011-09-08	NO	YES	3	22.0	23.0	94.0
153							11.00
## 252	2011-09-09	NO	YES	2	22.0	23.0	94.0
417							9.00
## 253	2011-09-10	NO	NO	1	23.0	23.0	78.0
1750							9.00
## 254	2011-09-11	NO	NO	1	23.0	23.0	73.0
1633							7.00
## 255	2011-09-12	NO	YES	1	23.0	23.0	71.5
690							6.00
## 256	2011-09-13	NO	YES	1	23.0	23.0	76.0
701							9.00
## 257	2011-09-14	NO	YES	1	24.0	24.0	69.5
647							10.00
## 258	2011-09-15	NO	YES	2	21.5	21.5	69.0
428							18.00
## 259	2011-09-16	NO	YES	2	16.0	16.0	57.0
742							12.00
## 260	2011-09-17	NO	NO	2	16.0	16.0	72.0
1434							13.00
## 261	2011-09-18	NO	NO	1	17.5	17.5	68.0
1353							13.00
## 262	2011-09-19	NO	YES	2	19.0	19.0	68.0
691							11.00
## 263	2011-09-20	NO	YES	2	19.0	19.0	88.0
438							11.00
## 264	2011-09-21	NO	YES	2	21.5	21.5	94.0
539							6.50
## 265	2011-09-22	NO	YES	2	22.0	23.0	94.0
555							7.00
## 266	2011-09-23	NO	YES	2	22.0	23.0	94.0
258							6.00
## 267	2011-09-24	NO	NO	2	22.0	22.0	88.0
1776							6.00
## 268	2011-09-25	NO	NO	2	22.5	23.0	85.5
1544							3.00
## 269	2011-09-26	NO	YES	2	23.0	24.0	88.0
684							9.00
## 270	2011-09-27	NO	YES	2	22.5	23.5	89.0
477							7.00
## 271	2011-09-28	NO	YES	2	21.0	21.0	88.0
							8.00

480							
## 272	2011-09-29	NO	YES	1	21.0	21.0	66.5
653							13.00
## 273	2011-09-30	NO	YES	1	18.0	18.0	57.0
830							13.00
## 274	2011-10-01	NO	NO	2	11.0	11.0	77.0
480							22.00
## 275	2011-10-02	NO	NO	2	9.0	6.0	82.0
616							15.00
## 276	2011-10-03	NO	YES	2	11.0	11.0	77.0
330							7.00
## 277	2011-10-04	NO	YES	1	15.5	15.5	70.0
486							15.00
## 278	2011-10-05	NO	YES	1	17.0	17.0	68.5
559							11.00
## 279	2011-10-06	NO	YES	1	15.5	15.5	63.0
639							9.00
## 280	2011-10-07	NO	YES	1	16.0	16.0	68.0
949							0.00
## 281	2011-10-08	NO	NO	1	16.5	16.5	77.0
2235							0.00
## 282	2011-10-09	NO	NO	1	17.5	17.5	80.0
2397							6.00
## 283	2011-10-10	YES	YES	1	19.0	19.0	80.5
1514							0.00
## 284	2011-10-11	NO	YES	2	20.0	20.0	83.0
667							10.00
## 285	2011-10-12	NO	YES	3	18.0	18.0	91.0
217							17.00
## 286	2011-10-13	NO	YES	2	20.0	20.0	88.0
290							9.00
## 287	2011-10-14	NO	YES	2	19.0	19.0	88.0
529							13.00
## 288	2011-10-15	NO	NO	1	16.0	16.0	47.0
1899							14.00
## 289	2011-10-16	NO	NO	1	18.0	18.0	49.0
1748							18.00
## 290	2011-10-17	NO	YES	1	18.0	18.0	55.5
713							11.00
## 291	2011-10-18	NO	YES	2	17.5	17.5	72.5
637							7.00
## 292	2011-10-19	NO	YES	3	17.5	17.5	94.0
254							13.00
## 293	2011-10-20	NO	YES	1	15.0	15.0	58.0
471							28.00
## 294	2011-10-21	NO	YES	1	12.0	12.0	56.5
676							15.00
## 295	2011-10-22	NO	NO	1	11.5	11.5	63.0
1499							6.00
## 296	2011-10-23	NO	NO	1	12.0	12.0	77.0
							7.00

1619							
## 297	2011-10-24	NO	YES	1	14.0	14.0	82.0
699							7.00
## 298	2011-10-25	NO	YES	1	14.0	14.0	67.5
695							9.00
## 299	2011-10-26	NO	YES	2	15.5	15.5	72.0
404							11.00
## 300	2011-10-27	NO	YES	2	15.0	15.0	85.5
240							10.00
## 301	2011-10-28	NO	YES	2	7.5	5.0	61.0
456							16.00
## 302	2011-10-29	NO	NO	3	4.0	1.5	87.0
57							24.00
## 303	2011-10-30	NO	NO	1	6.5	6.0	66.0
885							14.00
## 304	2011-10-31	NO	YES	1	8.0	6.0	76.0
362							8.00
## 305	2011-11-01	NO	YES	1	10.0	10.0	71.5
410							10.00
## 306	2011-11-02	NO	YES	1	9.5	8.5	74.0
370							6.50
## 307	2011-11-03	NO	YES	1	11.0	11.0	76.0
318							9.00
## 308	2011-11-04	NO	YES	2	11.0	11.0	61.0
470							22.00
## 309	2011-11-05	NO	NO	1	7.0	5.0	53.0
1156							15.00
## 310	2011-11-06	NO	NO	1	9.0	8.0	78.5
952							6.00
## 311	2011-11-07	NO	YES	1	9.0	8.0	84.5
373							6.00
## 312	2011-11-08	NO	YES	1	10.0	10.0	79.5
376							6.00
## 313	2011-11-09	NO	YES	1	11.0	11.0	87.0
305							0.00
## 314	2011-11-10	NO	YES	2	9.0	7.0	82.0
190							15.00
## 315	2011-11-11	YES	YES	1	7.0	4.0	43.0
440							20.50
## 316	2011-11-12	NO	NO	1	11.0	11.0	58.0
1275							15.00
## 317	2011-11-13	NO	NO	1	14.0	14.0	44.0
1004							20.00
## 318	2011-11-14	NO	YES	1	19.0	19.0	61.5
595							20.00
## 319	2011-11-15	NO	YES	2	18.0	18.0	68.0
449							12.00
## 320	2011-11-16	NO	YES	3	14.0	14.0	94.0
145							9.00
## 321	2011-11-17	NO	YES	2	8.0	4.0	52.0
							20.00

139								
## 322	2011-11-18	NO	YES	1	4.0	2.0	43.0	11.00
245								
## 323	2011-11-19	NO	NO	1	9.0	7.5	52.5	17.00
943								
## 324	2011-11-20	NO	NO	2	14.0	14.0	67.0	13.00
787								
## 325	2011-11-21	NO	YES	3	13.0	13.0	94.0	10.00
220								
## 326	2011-11-22	NO	YES	3	11.5	11.5	94.0	7.00
69								
## 327	2011-11-23	NO	YES	2	13.0	13.0	66.5	26.00
112								
## 328	2011-11-24	YES	YES	1	9.0	7.0	61.0	10.00
560								
## 329	2011-11-25	NO	YES	1	8.5	7.5	71.0	7.00
1095								
## 330	2011-11-26	NO	NO	1	9.5	9.5	76.0	6.00
1249								
## 331	2011-11-27	NO	NO	1	15.0	15.0	72.0	17.00
810								
## 332	2011-11-28	NO	YES	1	17.0	17.0	77.5	9.00
253								
## 333	2011-11-29	NO	YES	2	12.0	12.0	83.0	20.00
96								
## 334	2011-11-30	NO	YES	1	7.0	4.0	57.0	19.00
188								
## 335	2011-12-01	NO	YES	1	6.0	4.0	56.0	15.00
182								
## 336	2011-12-02	NO	YES	1	7.0	5.0	58.0	6.00
268								
## 337	2011-12-03	NO	NO	1	6.0	4.5	63.5	6.00
706								
## 338	2011-12-04	NO	NO	1	8.0	7.0	81.0	7.00
634								
## 339	2011-12-05	NO	YES	2	12.0	12.0	87.0	6.00
233								
## 340	2011-12-06	NO	YES	3	14.0	14.0	100.0	15.00
126								
## 341	2011-12-07	NO	YES	3	13.0	13.0	100.0	16.00
50								
## 342	2011-12-08	NO	YES	1	4.0	2.0	56.0	15.00
150								
## 343	2011-12-09	NO	YES	1	5.5	4.5	73.0	6.00
261								
## 344	2011-12-10	NO	NO	1	4.0	2.0	49.5	15.00
502								
## 345	2011-12-11	NO	NO	1	2.0	3.0	56.0	0.00
377								
## 346	2011-12-12	NO	YES	1	3.5	4.0	70.0	6.00

143								
## 347	2011-12-13	NO	YES	1	6.0	4.0	53.0	11.00
155								
## 348	2011-12-14	NO	YES	2	7.0	6.0	66.0	6.00
178								
## 349	2011-12-15	NO	YES	2	14.0	14.0	63.5	19.00
181								
## 350	2011-12-16	NO	YES	2	8.0	5.0	46.0	18.00
178								
## 351	2011-12-17	NO	NO	2	4.0	1.0	56.0	16.00
275								
## 352	2011-12-18	NO	NO	1	2.0	1.5	60.0	11.00
220								
## 353	2011-12-19	NO	YES	1	7.0	5.0	59.5	11.00
260								
## 354	2011-12-20	NO	YES	2	9.5	9.0	60.5	0.00
216								
## 355	2011-12-21	NO	YES	2	13.0	13.0	88.0	17.00
107								
## 356	2011-12-22	NO	YES	2	13.0	13.0	82.0	0.00
227								
## 357	2011-12-23	NO	YES	1	10.0	8.0	66.0	17.00
163								
## 358	2011-12-24	NO	NO	1	6.0	4.0	54.5	11.00
155								
## 359	2011-12-25	NO	NO	1	4.5	2.0	70.5	10.00
303								
## 360	2011-12-26	YES	YES	1	8.0	5.0	46.0	16.00
430								
## 361	2011-12-27	NO	YES	2	7.0	5.5	81.5	9.00
103								
## 362	2011-12-28	NO	YES	1	7.0	3.0	46.0	17.00
255								
## 363	2011-12-29	NO	YES	1	4.5	3.0	58.5	8.00
254								
## 364	2011-12-30	NO	YES	1	8.0	5.0	66.0	7.00
491								
## 365	2011-12-31	NO	NO	1	11.0	11.0	62.0	13.00
665								
## 366	2012-01-01	NO	NO	1	11.0	11.0	65.0	17.00
686								
## 367	2012-01-02	YES	YES	1	4.0	2.0	36.5	21.00
244								
## 368	2012-01-03	NO	YES	1	2.0	8.0	42.5	24.00
89								
## 369	2012-01-04	NO	YES	2	2.0	7.0	42.5	13.00
95								
## 370	2012-01-05	NO	YES	1	3.5	2.0	56.0	6.00
140								
## 371	2012-01-06	NO	YES	1	9.0	7.0	50.0	12.00

307							
## 372 2012-01-07	NO	NO	1	10.5	9.5	45.0	13.00
1070							
## 373 2012-01-08	NO	NO	1	7.0	5.5	49.0	14.00
599							
## 374 2012-01-09	NO	YES	2	2.0	1.0	70.0	7.00
106							
## 375 2012-01-10	NO	YES	1	4.0	4.0	81.0	11.00
173							
## 376 2012-01-11	NO	YES	2	7.0	5.0	87.0	9.00
92							
## 377 2012-01-12	NO	YES	2	10.0	7.5	77.0	13.00
269							
## 378 2012-01-13	NO	YES	1	4.0	2.0	46.0	24.00
174							
## 379 2012-01-14	NO	NO	1	2.0	5.0	47.0	15.00
333							
## 380 2012-01-15	NO	NO	1	1.0	5.0	43.0	16.00
284							
## 381 2012-01-16	YES	YES	1	4.0	2.0	54.0	19.50
217							
## 382 2012-01-17	NO	YES	2	11.5	10.0	74.0	22.00
127							
## 383 2012-01-18	NO	YES	1	6.0	2.5	42.0	27.00
109							
## 384 2012-01-19	NO	YES	1	3.0	2.0	48.0	17.00
130							
## 385 2012-01-20	NO	YES	2	2.0	2.0	38.0	14.00
115							
## 386 2012-01-21	NO	NO	2	1.0	5.0	81.0	17.00
67							
## 387 2012-01-22	NO	NO	2	1.0	5.0	80.0	13.00
196							
## 388 2012-01-23	NO	YES	2	2.0	1.0	93.0	9.00
145							
## 389 2012-01-24	NO	YES	1	7.0	6.0	87.0	8.00
439							
## 390 2012-01-25	NO	YES	1	5.5	5.0	66.0	11.00
467							
## 391 2012-01-26	NO	YES	2	10.0	9.5	79.0	7.00
244							
## 392 2012-01-27	NO	YES	2	12.0	12.0	57.0	22.00
269							
## 393 2012-01-28	NO	NO	1	6.0	4.0	53.5	14.00
775							
## 394 2012-01-29	NO	NO	1	6.0	3.0	28.5	16.00
558							
## 395 2012-01-30	NO	YES	1	4.5	3.0	43.0	13.00
126							
## 396 2012-01-31	NO	YES	1	12.0	12.0	39.5	18.00

324							
## 397 2012-02-01	NO	YES	1	14.0	14.0	52.0	11.00
304							
## 398 2012-02-02	NO	YES	2	11.0	11.0	67.0	10.00
190							
## 399 2012-02-03	NO	YES	1	6.5	3.5	53.0	12.00
310							
## 400 2012-02-04	NO	NO	2	3.0	2.0	81.0	9.00
384							
## 401 2012-02-05	NO	NO	2	4.0	1.0	65.0	11.00
318							
## 402 2012-02-06	NO	YES	1	6.0	4.0	66.0	9.00
206							
## 403 2012-02-07	NO	YES	1	7.5	6.5	47.5	12.00
199							
## 404 2012-02-08	NO	YES	2	3.0	1.0	70.0	9.00
109							
## 405 2012-02-09	NO	YES	1	5.0	4.0	53.0	15.00
163							
## 406 2012-02-10	NO	YES	2	6.0	4.0	56.0	9.00
227							
## 407 2012-02-11	NO	NO	3	2.0	1.0	81.0	17.00
192							
## 408 2012-02-12	NO	NO	1	2.0	8.0	43.0	26.00
73							
## 409 2012-02-13	NO	YES	1	4.0	5.5	46.0	9.00
94							
## 410 2012-02-14	NO	YES	2	7.5	6.5	50.0	7.00
135							
## 411 2012-02-15	NO	YES	1	8.0	6.0	54.0	11.00
141							
## 412 2012-02-16	NO	YES	2	7.0	6.0	76.0	6.00
74							
## 413 2012-02-17	NO	YES	1	9.0	6.5	45.5	13.00
349							
## 414 2012-02-18	NO	NO	1	8.5	5.5	44.0	15.00
1435							
## 415 2012-02-19	NO	NO	2	4.5	2.0	52.0	17.00
618							
## 416 2012-02-20	YES	YES	1	4.0	4.0	48.0	15.00
502							
## 417 2012-02-21	NO	YES	1	7.0	3.5	65.0	14.00
163							
## 418 2012-02-22	NO	YES	1	12.5	12.5	57.0	18.00
394							
## 419 2012-02-23	NO	YES	1	13.0	13.0	55.0	13.00
516							
## 420 2012-02-24	NO	YES	2	11.0	11.0	79.5	12.00
246							
## 421 2012-02-25	NO	NO	1	6.0	2.0	40.0	28.00



317								
## 422	2012-02-26	NO	NO	1	4.5	3.0	42.0	15.00
515								
## 423	2012-02-27	NO	YES	1	11.0	11.0	45.0	17.00
253								
## 424	2012-02-28	NO	YES	1	8.5	7.0	39.5	9.00
229								
## 425	2012-02-29	NO	YES	2	9.0	6.0	87.0	9.00
65								
## 426	2012-03-01	NO	YES	1	14.0	14.0	50.0	15.00
325								
## 427	2012-03-02	NO	YES	2	9.0	7.0	71.0	11.00
246								
## 428	2012-03-03	NO	NO	2	11.0	11.0	51.0	11.00
956								
## 429	2012-03-04	NO	NO	1	7.0	2.5	42.5	21.00
710								
## 430	2012-03-05	NO	YES	1	3.0	1.5	54.5	14.00
203								
## 431	2012-03-06	NO	YES	1	5.0	4.0	48.5	15.00
221								
## 432	2012-03-07	NO	YES	1	13.0	13.0	57.0	22.00
432								
## 433	2012-03-08	NO	YES	1	19.0	19.0	51.0	30.00
486								
## 434	2012-03-09	NO	YES	2	10.0	7.0	34.0	26.00
447								
## 435	2012-03-10	NO	NO	1	4.0	3.0	41.0	17.00
968								
## 436	2012-03-11	NO	NO	1	10.5	10.0	50.0	15.00
1658								
## 437	2012-03-12	NO	YES	1	16.5	16.5	50.0	14.00
838								
## 438	2012-03-13	NO	YES	1	18.5	18.5	60.0	15.00
762								
## 439	2012-03-14	NO	YES	1	19.0	19.0	46.0	7.00
997								
## 440	2012-03-15	NO	YES	1	17.0	17.0	61.5	8.00
1005								
## 441	2012-03-16	NO	YES	2	13.0	13.0	88.0	6.00
548								
## 442	2012-03-17	NO	NO	2	17.0	17.0	77.0	7.00
3155								
## 443	2012-03-18	NO	NO	2	14.0	14.0	82.0	9.00
2207								
## 444	2012-03-19	NO	YES	1	19.0	19.0	72.5	11.00
982								
## 445	2012-03-20	NO	YES	1	18.0	18.0	83.0	9.00
1051								
## 446	2012-03-21	NO	YES	2	17.0	17.0	83.0	6.00

1122							
## 447	2012-03-22	NO	YES	1	19.5	19.5	80.5 6.50
1334							
## 448	2012-03-23	NO	YES	2	21.0	21.0	69.0 7.00
2469							
## 449	2012-03-24	NO	NO	2	16.0	16.0	94.0 13.00
1033							
## 450	2012-03-25	NO	NO	2	12.0	12.0	88.0 16.00
1532							
## 451	2012-03-26	NO	YES	1	13.5	13.5	32.5 30.00
795							
## 452	2012-03-27	NO	YES	1	7.0	5.0	31.0 13.00
531							
## 453	2012-03-28	NO	YES	1	18.0	18.0	46.0 20.00
674							
## 454	2012-03-29	NO	YES	1	15.5	15.5	44.0 20.00
834							
## 455	2012-03-30	NO	YES	2	9.5	8.5	57.5 10.00
796							
## 456	2012-03-31	NO	NO	2	11.0	11.0	76.0 17.00
2301							
## 457	2012-04-01	NO	NO	2	12.5	12.5	71.5 11.00
2347							
## 458	2012-04-02	NO	YES	1	13.0	13.0	44.0 20.00
1208							
## 459	2012-04-03	NO	YES	1	15.5	15.5	42.0 6.00
1348							
## 460	2012-04-04	NO	YES	1	19.0	19.0	46.0 13.00
1058							
## 461	2012-04-05	NO	YES	1	12.0	12.0	38.0 13.00
1192							
## 462	2012-04-06	NO	YES	1	11.5	11.5	35.0 21.00
1807							
## 463	2012-04-07	NO	NO	1	13.5	13.5	23.5 17.00
3252							
## 464	2012-04-08	NO	NO	1	16.0	16.0	25.5 15.00
2230							
## 465	2012-04-09	NO	YES	1	14.5	14.5	31.0 24.00
905							
## 466	2012-04-10	NO	YES	1	12.5	12.5	37.5 14.00
819							
## 467	2012-04-11	NO	YES	1	8.0	5.0	49.0 20.00
482							
## 468	2012-04-12	NO	YES	1	12.0	12.0	39.5 19.00
663							
## 469	2012-04-13	NO	YES	1	13.0	13.0	39.5 11.00
1252							
## 470	2012-04-14	NO	NO	1	18.0	18.0	52.0 11.00
2795							
## 471	2012-04-15	NO	NO	1	22.5	22.5	51.0 17.00

2846							
## 472 2012-04-16	YES	YES	1	24.5	24.5	55.5	17.00
1198							
## 473 2012-04-17	NO	YES	1	21.0	21.0	32.5	17.00
989							
## 474 2012-04-18	NO	YES	2	14.0	14.0	55.0	13.00
347							
## 475 2012-04-19	NO	YES	1	16.5	16.5	61.0	6.00
846							
## 476 2012-04-20	NO	YES	1	17.5	17.5	70.5	13.00
1340							
## 477 2012-04-21	NO	NO	1	17.0	17.0	77.5	18.00
2541							
## 478 2012-04-22	NO	NO	3	10.0	7.0	82.0	23.00
120							
## 479 2012-04-23	NO	YES	2	7.0	4.0	76.0	22.00
195							
## 480 2012-04-24	NO	YES	1	13.0	13.0	37.0	16.00
518							
## 481 2012-04-25	NO	YES	1	16.5	16.5	46.5	6.00
655							
## 482 2012-04-26	NO	YES	2	16.0	16.0	80.0	12.00
475							
## 483 2012-04-27	NO	YES	1	13.0	13.0	38.0	23.00
1014							
## 484 2012-04-28	NO	NO	2	10.0	8.5	46.5	9.00
1120							
## 485 2012-04-29	NO	NO	1	14.5	14.5	55.0	9.00
2229							
## 486 2012-04-30	NO	YES	2	13.0	13.0	56.0	11.00
665							
## 487 2012-05-01	NO	YES	2	22.5	22.5	65.0	9.00
653							
## 488 2012-05-02	NO	YES	1	19.0	19.0	83.0	12.00
667							
## 489 2012-05-03	NO	YES	2	20.0	20.0	78.0	9.00
764							
## 490 2012-05-04	NO	YES	1	21.5	21.5	78.0	8.00
1069							
## 491 2012-05-05	NO	NO	2	21.0	21.0	78.0	9.00
2496							
## 492 2012-05-06	NO	NO	2	18.5	18.5	75.0	11.00
2135							
## 493 2012-05-07	NO	YES	2	18.0	18.0	62.0	15.00
1008							
## 494 2012-05-08	NO	YES	2	21.0	21.0	69.0	19.00
738							
## 495 2012-05-09	NO	YES	2	19.0	19.0	80.0	13.00
620							
## 496 2012-05-10	NO	YES	1	16.0	16.0	49.0	23.00

1026							
## 497 2012-05-11	NO	YES	1	18.5	18.5	36.0	17.00
1319							
## 498 2012-05-12	NO	NO	1	19.5	19.5	49.0	9.00
2622							
## 499 2012-05-13	NO	NO	1	22.0	22.0	57.0	14.00
2172							
## 500 2012-05-14	NO	YES	2	20.0	20.0	83.0	15.00
342							
## 501 2012-05-15	NO	YES	2	21.5	21.5	78.0	9.00
625							
## 502 2012-05-16	NO	YES	1	23.0	23.0	74.0	9.00
991							
## 503 2012-05-17	NO	YES	1	21.0	21.0	49.0	13.00
1242							
## 504 2012-05-18	NO	YES	1	20.0	20.0	47.5	9.00
1521							
## 505 2012-05-19	NO	NO	1	21.5	21.0	45.0	6.00
3410							
## 506 2012-05-20	NO	NO	1	23.0	23.0	52.0	22.00
2704							
## 507 2012-05-21	NO	YES	2	21.0	21.0	83.0	17.00
630							
## 508 2012-05-22	NO	YES	2	22.0	22.0	78.0	7.00
819							
## 509 2012-05-23	NO	YES	2	22.0	22.0	83.0	7.00
766							
## 510 2012-05-24	NO	YES	1	23.0	23.0	73.0	11.00
1059							
## 511 2012-05-25	NO	YES	1	24.5	25.5	78.5	9.00
1417							
## 512 2012-05-26	NO	NO	1	26.0	27.0	74.0	13.00
2855							
## 513 2012-05-27	NO	NO	1	24.0	24.5	74.0	15.00
3283							
## 514 2012-05-28	YES	YES	1	27.0	29.0	66.0	11.00
2557							
## 515 2012-05-29	NO	YES	1	26.0	28.0	70.0	20.00
880							
## 516 2012-05-30	NO	YES	2	23.0	24.0	69.0	9.00
745							
## 517 2012-05-31	NO	YES	1	24.0	24.0	47.0	13.00
1100							
## 518 2012-06-01	NO	YES	2	23.0	23.0	78.0	15.00
533							
## 519 2012-06-02	NO	NO	1	20.0	20.0	49.0	13.00
2795							
## 520 2012-06-03	NO	NO	1	22.0	21.0	45.0	12.00
2494							
## 521 2012-06-04	NO	YES	1	21.0	21.0	46.5	20.00

1071								
## 522	2012-06-05	NO	YES	2	18.0	18.0	56.0	13.00
968								
## 523	2012-06-06	NO	YES	1	18.0	18.0	68.0	6.00
1027								
## 524	2012-06-07	NO	YES	1	21.0	21.0	49.5	11.00
1038								
## 525	2012-06-08	NO	YES	1	24.5	24.5	44.5	11.00
1488								
## 526	2012-06-09	NO	NO	1	26.0	26.5	50.5	11.00
2708								
## 527	2012-06-10	NO	NO	1	27.0	28.0	58.0	8.00
2224								
## 528	2012-06-11	NO	YES	2	27.0	28.0	58.0	13.00
1017								
## 529	2012-06-12	NO	YES	2	24.0	25.0	88.0	13.00
477								
## 530	2012-06-13	NO	YES	1	23.0	23.0	51.5	26.00
1173								
## 531	2012-06-14	NO	YES	1	23.0	23.0	57.0	17.00
1180								
## 532	2012-06-15	NO	YES	1	23.0	23.0	53.0	11.00
1563								
## 533	2012-06-16	NO	NO	1	22.5	22.5	51.5	12.00
2963								
## 534	2012-06-17	NO	NO	1	20.5	20.5	58.5	11.00
2634								
## 535	2012-06-18	NO	YES	2	19.5	19.5	78.0	12.00
653								
## 536	2012-06-19	NO	YES	1	26.0	27.5	74.0	9.00
968								
## 537	2012-06-20	NO	YES	1	32.0	33.0	52.0	7.00
872								
## 538	2012-06-21	NO	YES	1	31.5	35.0	53.5	8.00
778								
## 539	2012-06-22	NO	YES	1	29.0	32.0	58.0	11.00
964								
## 540	2012-06-23	NO	NO	1	28.0	28.0	45.5	13.00
2657								
## 541	2012-06-24	NO	NO	1	29.0	29.0	51.0	9.00
2551								
## 542	2012-06-25	NO	YES	1	26.0	27.0	45.0	20.00
1139								
## 543	2012-06-26	NO	YES	1	22.5	21.5	35.5	24.00
1077								
## 544	2012-06-27	NO	YES	1	26.5	26.5	38.0	19.50
1077								
## 545	2012-06-28	NO	YES	1	28.0	28.0	48.0	11.00
921								
## 546	2012-06-29	NO	YES	1	33.0	38.5	52.0	13.00

829							
## 547 2012-06-30 1455	NO	NO	1	30.0	33.0	62.0	10.00
## 548 2012-07-01 1421	NO	NO	1	32.0	33.0	44.0	9.00
## 549 2012-07-02 904	NO	YES	1	29.0	30.0	51.0	13.00
## 550 2012-07-03 1052	NO	YES	1	28.5	30.0	54.5	9.00
## 551 2012-07-04 2562	YES	YES	1	31.5	32.5	51.5	9.00
## 552 2012-07-05 1405	NO	YES	1	33.0	36.0	47.5	14.00
## 553 2012-07-06 1366	NO	YES	1	32.0	33.5	39.5	9.00
## 554 2012-07-07 1448	NO	NO	1	34.0	38.5	46.5	11.00
## 555 2012-07-08 1203	NO	NO	1	31.0	36.0	59.0	7.00
## 556 2012-07-09 998	NO	YES	2	26.0	28.0	65.0	11.00
## 557 2012-07-10 954	NO	YES	2	26.0	27.0	74.0	9.00
## 558 2012-07-11 975	NO	YES	1	27.0	28.0	58.0	10.00
## 559 2012-07-12 1032	NO	YES	1	27.0	27.0	51.0	9.00
## 560 2012-07-13 1511	NO	YES	2	28.0	28.0	48.0	7.00
## 561 2012-07-14 2355	NO	NO	2	26.0	28.0	74.0	7.00
## 562 2012-07-15 1920	NO	NO	1	27.0	30.0	79.0	9.00
## 563 2012-07-16 1088	NO	YES	1	29.0	31.5	64.0	8.00
## 564 2012-07-17 921	NO	YES	1	32.0	34.0	50.5	8.00
## 565 2012-07-18 799	NO	YES	1	29.0	31.0	62.0	9.00
## 566 2012-07-19 888	NO	YES	1	29.0	31.0	58.0	9.00
## 567 2012-07-20 747	NO	YES	2	24.0	25.0	83.5	11.00
## 568 2012-07-21 1264	NO	NO	3	21.0	21.0	88.0	17.00
## 569 2012-07-22 2544	NO	NO	2	24.0	24.0	74.0	7.00
## 570 2012-07-23 1135	NO	YES	1	28.5	31.0	62.0	9.00
## 571 2012-07-24	NO	YES	1	28.0	30.5	64.0	14.00

1140									
## 572	2012-07-25	NO	YES	1	27.0	27.0	41.0	11.00	
1383									
## 573	2012-07-26	NO	YES	1	27.5	30.0	65.5	17.00	
1036									
## 574	2012-07-27	NO	YES	1	30.0	33.0	59.0	10.00	
1259									
## 575	2012-07-28	NO	NO	1	28.0	30.0	66.0	11.00	
2234									
## 576	2012-07-29	NO	NO	1	27.0	28.5	65.5	11.00	
2153									
## 577	2012-07-30	NO	YES	1	27.0	29.0	70.0	11.00	
1040									
## 578	2012-07-31	NO	YES	1	26.0	27.5	72.0	11.00	
968									
## 579	2012-08-01	NO	YES	1	27.0	29.0	70.0	9.00	
1074									
## 580	2012-08-02	NO	YES	1	29.0	32.0	66.0	8.00	
983									
## 581	2012-08-03	NO	YES	2	29.0	32.5	66.0	15.00	
1328									
## 582	2012-08-04	NO	NO	1	30.5	34.5	62.5	17.00	
2345									
## 583	2012-08-05	NO	NO	1	28.0	31.0	70.0	17.00	
1707									
## 584	2012-08-06	NO	YES	2	28.0	31.0	70.0	9.00	
1233									
## 585	2012-08-07	NO	YES	2	27.0	30.0	70.0	9.00	
1278									
## 586	2012-08-08	NO	YES	2	28.0	30.5	66.0	8.00	
1263									
## 587	2012-08-09	NO	YES	1	27.0	29.0	58.0	11.00	
1196									
## 588	2012-08-10	NO	YES	2	27.0	29.0	70.0	19.00	
1065									
## 589	2012-08-11	NO	NO	2	24.0	25.0	78.0	13.00	
2247									
## 590	2012-08-12	NO	NO	1	26.0	26.0	51.0	9.00	
2182									
## 591	2012-08-13	NO	YES	1	27.5	28.5	60.0	7.00	
1207									
## 592	2012-08-14	NO	YES	1	27.0	29.0	70.0	13.00	
1128									
## 593	2012-08-15	NO	YES	1	26.0	27.0	61.0	13.00	
1198									
## 594	2012-08-16	NO	YES	1	27.5	28.0	49.5	11.00	
1338									
## 595	2012-08-17	NO	YES	1	25.5	26.0	58.0	14.00	
1483									
## 596	2012-08-18	NO	NO	1	24.0	24.0	61.0	13.00	

2827							
## 597 2012-08-19	NO	NO	2	23.0	23.0	73.0	7.00
1208							
## 598 2012-08-20	NO	YES	2	22.0	22.0	78.0	8.00
1026							
## 599 2012-08-21	NO	YES	1	23.0	23.0	74.0	3.00
1081							
## 600 2012-08-22	NO	YES	1	23.0	23.5	74.0	0.00
1094							
## 601 2012-08-23	NO	YES	1	26.0	27.0	61.0	6.00
1363							
## 602 2012-08-24	NO	YES	2	26.0	27.0	61.5	3.00
1325							
## 603 2012-08-25	NO	NO	2	24.0	24.0	74.0	18.00
1829							
## 604 2012-08-26	NO	NO	2	23.0	24.0	89.0	15.00
1483							
## 605 2012-08-27	NO	YES	1	27.0	29.0	74.0	9.00
989							
## 606 2012-08-28	NO	YES	1	26.5	27.5	56.0	12.00
935							
## 607 2012-08-29	NO	YES	1	24.5	24.5	54.0	9.00
1177							
## 608 2012-08-30	NO	YES	1	26.5	27.5	61.5	6.50
1172							
## 609 2012-08-31	NO	YES	1	29.0	31.0	62.0	11.00
1433							
## 610 2012-09-01	NO	NO	2	29.0	31.0	60.0	8.00
2352							
## 611 2012-09-02	NO	NO	2	26.0	27.5	84.0	6.00
2613							
## 612 2012-09-03	YES	YES	1	26.0	28.0	83.0	9.00
1965							
## 613 2012-09-04	NO	YES	1	28.0	31.0	74.0	17.00
867							
## 614 2012-09-05	NO	YES	1	27.0	30.0	74.0	13.00
832							
## 615 2012-09-06	NO	YES	2	26.0	28.0	84.0	10.00
611							
## 616 2012-09-07	NO	YES	1	26.0	28.0	74.0	9.00
1045							
## 617 2012-09-08	NO	NO	2	24.0	25.0	88.0	17.00
1557							
## 618 2012-09-09	NO	NO	1	21.5	21.0	50.5	17.00
2570							
## 619 2012-09-10	NO	YES	1	21.0	21.0	50.0	19.00
1118							
## 620 2012-09-11	NO	YES	1	19.5	19.5	57.5	7.00
1070							
## 621 2012-09-12	NO	YES	1	21.0	21.0	62.5	9.00



1050							
## 622	2012-09-13	NO	YES	1	21.5	21.5	67.0 6.00
1054							
## 623	2012-09-14	NO	YES	1	22.0	22.0	73.0 7.00
1379							
## 624	2012-09-15	NO	NO	1	21.0	21.0	46.0 18.00
3160							
## 625	2012-09-16	NO	NO	1	20.5	20.5	58.5 7.00
2166							
## 626	2012-09-17	NO	YES	2	22.0	22.0	73.0 11.00
1022							
## 627	2012-09-18	NO	YES	2	22.0	23.0	88.0 21.00
371							
## 628	2012-09-19	NO	YES	1	18.0	18.0	59.0 17.00
788							
## 629	2012-09-20	NO	YES	1	19.0	19.0	63.5 7.00
939							
## 630	2012-09-21	NO	YES	1	21.0	21.0	69.0 12.00
1250							
## 631	2012-09-22	NO	NO	1	23.0	23.0	58.0 19.00
2512							
## 632	2012-09-23	NO	NO	1	17.0	17.0	47.5 16.00
2454							
## 633	2012-09-24	NO	YES	1	16.5	16.5	52.0 9.00
1001							
## 634	2012-09-25	NO	YES	1	21.0	21.0	57.0 17.00
845							
## 635	2012-09-26	NO	YES	1	22.0	22.0	64.0 17.00
787							
## 636	2012-09-27	NO	YES	2	21.0	21.0	78.0 6.00
751							
## 637	2012-09-28	NO	YES	2	21.9	22.5	68.6 10.72
1045							
## 638	2012-09-29	NO	NO	1	17.9	18.3	55.6 14.56
2589							
## 639	2012-09-30	NO	NO	1	17.3	17.8	57.9 10.40
2015							
## 640	2012-10-01	NO	YES	2	17.1	16.9	65.1 6.24
763							
## 641	2012-10-02	NO	YES	3	20.9	20.3	89.5 7.52
315							
## 642	2012-10-03	NO	YES	2	23.3	24.2	83.0 4.64
728							
## 643	2012-10-04	NO	YES	2	23.7	23.9	73.3 8.00
891							
## 644	2012-10-05	NO	YES	1	21.8	22.2	62.5 7.36
1516							
## 645	2012-10-06	NO	NO	1	18.7	19.2	66.1 17.76
3031							
## 646	2012-10-07	NO	NO	2	11.6	11.1	73.2 10.08

781							
## 647	2012-10-08	YES	YES	2	10.1	9.7	71.8
874							12.64
## 648	2012-10-09	NO	YES	2	12.8	13.3	77.1
601							12.96
## 649	2012-10-10	NO	YES	1	16.0	17.2	69.6
780							10.40
## 650	2012-10-11	NO	YES	1	12.9	13.3	45.6
834							12.96
## 651	2012-10-12	NO	YES	1	12.9	13.6	54.0
1060							15.68
## 652	2012-10-13	NO	NO	1	10.6	10.6	50.0
2252							10.88
## 653	2012-10-14	NO	NO	1	17.2	17.5	63.6
2080							18.40
## 654	2012-10-15	NO	YES	2	19.4	18.1	71.6
760							18.72
## 655	2012-10-16	NO	YES	1	14.4	14.4	55.8
922							12.00
## 656	2012-10-17	NO	YES	1	14.0	14.7	68.3
979							6.72
## 657	2012-10-18	NO	YES	2	16.9	16.9	72.8
1008							15.68
## 658	2012-10-19	NO	YES	2	19.3	19.2	82.1
753							9.28
## 659	2012-10-20	NO	NO	1	15.3	15.3	57.2
2806							8.80
## 660	2012-10-21	NO	NO	1	14.2	14.4	51.1
2132							11.04
## 661	2012-10-22	NO	YES	1	15.6	15.8	55.3
830							5.92
## 662	2012-10-23	NO	YES	1	18.7	18.1	62.9
841							6.08
## 663	2012-10-24	NO	YES	1	20.4	21.7	63.4
795							4.80
## 664	2012-10-25	NO	YES	2	18.2	19.4	81.4
875							9.28
## 665	2012-10-26	NO	YES	2	18.2	19.2	81.4
1182							9.28
## 666	2012-10-27	NO	NO	2	17.3	18.1	72.2
2643							15.84
## 667	2012-10-28	NO	NO	2	14.7	14.4	69.3
998							26.88
## 668	2012-10-29	NO	YES	3	10.6	10.6	84.5
2							40.16
## 669	2012-10-30	NO	YES	2	6.3	6.7	85.6
87							21.12
## 670	2012-10-31	NO	YES	2	8.8	8.9	68.7
419							10.88
## 671	2012-11-01	NO	YES	2	9.3	8.6	57.8
							10.24

466								
## 672 2012-11-02	NO	YES	1	8.8	8.9	52.2	18.40	
618								
## 673 2012-11-03	NO	NO	2	8.2	8.1	50.0	18.24	
1029								
## 674 2012-11-04	NO	NO	1	7.2	7.5	54.1	12.32	
1201								
## 675 2012-11-05	NO	YES	1	6.8	6.7	49.6	15.52	
378								
## 676 2012-11-06	NO	YES	1	5.1	5.0	57.3	12.00	
466								
## 677 2012-11-07	NO	YES	2	5.7	5.6	55.7	20.32	
326								
## 678 2012-11-08	NO	YES	1	8.4	9.2	34.6	23.84	
340								
## 679 2012-11-09	NO	YES	1	9.1	8.9	55.8	13.76	
709								
## 680 2012-11-10	NO	NO	1	10.5	10.6	64.9	3.84	
2090								
## 681 2012-11-11	NO	NO	1	12.2	13.6	66.0	8.64	
2290								
## 682 2012-11-12	YES	YES	1	15.6	15.6	74.3	12.32	
1097								
## 683 2012-11-13	NO	YES	2	7.8	8.9	69.9	22.88	
327								
## 684 2012-11-14	NO	YES	1	5.4	5.6	56.0	12.96	
373								
## 685 2012-11-15	NO	YES	2	7.1	6.9	61.9	10.24	
320								
## 686 2012-11-16	NO	YES	1	8.2	8.9	52.7	11.52	
484								
## 687 2012-11-17	NO	NO	1	7.3	7.2	54.9	12.00	
1313								
## 688 2012-11-18	NO	NO	1	8.2	8.3	69.7	15.36	
922								
## 689 2012-11-19	NO	YES	2	9.9	10.3	62.9	15.04	
449								
## 690 2012-11-20	NO	YES	2	9.7	10.6	69.2	5.44	
534								
## 691 2012-11-21	NO	YES	1	8.7	9.2	61.3	7.20	
615								
## 692 2012-11-22	YES	YES	1	7.9	8.6	58.4	3.52	
955								
## 693 2012-11-23	NO	YES	1	9.7	9.2	55.9	10.72	
1603								
## 694 2012-11-24	NO	NO	1	4.6	5.3	41.1	24.64	
532								
## 695 2012-11-25	NO	NO	1	3.2	3.6	48.8	9.76	
309								
## 696 2012-11-26	NO	YES	1	6.9	6.7	53.6	3.36	

337								
## 697	2012-11-27	NO	YES	2	5.5	5.0	80.1	16.48
123								
## 698	2012-11-28	NO	YES	1	5.8	6.1	49.8	13.60
198								
## 699	2012-11-29	NO	YES	1	7.0	5.5	46.5	10.00
243								
## 700	2012-11-30	NO	YES	1	2.0	2.0	76.0	0.00
362								
## 701	2012-12-01	NO	NO	2	5.7	5.0	81.9	4.80
951								
## 702	2012-12-02	NO	NO	2	12.0	12.0	82.0	9.00
892								
## 703	2012-12-03	NO	YES	1	15.5	15.5	72.5	7.00
555								
## 704	2012-12-04	NO	YES	1	15.0	15.0	68.0	13.00
551								
## 705	2012-12-05	NO	YES	1	13.0	13.0	47.0	19.00
331								
## 706	2012-12-06	NO	YES	1	3.0	2.5	52.0	12.00
340								
## 707	2012-12-07	NO	YES	2	7.5	5.5	76.0	9.00
349								
## 708	2012-12-08	NO	NO	2	10.0	9.5	94.0	7.00
1153								
## 709	2012-12-09	NO	NO	2	11.0	11.0	88.0	9.00
441								
## 710	2012-12-10	NO	YES	2	13.0	13.0	94.0	15.00
329								
## 711	2012-12-11	NO	YES	2	8.0	5.0	60.0	21.00
282								
## 712	2012-12-12	NO	YES	2	6.0	3.0	55.0	14.00
310								
## 713	2012-12-13	NO	YES	1	5.0	4.0	53.0	13.00
425								
## 714	2012-12-14	NO	YES	1	5.0	4.0	70.0	7.00
429								
## 715	2012-12-15	NO	NO	1	9.0	7.0	62.0	7.00
767								
## 716	2012-12-16	NO	NO	2	9.0	8.0	87.0	7.00
538								
## 717	2012-12-17	NO	YES	2	11.0	11.0	91.0	7.00
212								
## 718	2012-12-18	NO	YES	1	11.5	11.5	62.0	14.00
433								
## 719	2012-12-19	NO	YES	1	7.0	5.0	62.0	9.00
333								
## 720	2012-12-20	NO	YES	2	8.0	6.0	71.0	11.00
314								
## 721	2012-12-21	NO	YES	2	7.0	3.0	45.0	26.00

221									
## 722	2012-12-22	NO	NO	1	4.0	1.0	45.0	28.00	
205									
## 723	2012-12-23	NO	NO	1	3.0	3.0	51.0	9.00	
408									
## 724	2012-12-24	NO	YES	2	3.0	1.0	80.0	6.00	
174									
## 725	2012-12-25	YES	YES	2	5.5	3.5	73.5	11.00	
440									
## 726	2012-12-26	NO	YES	3	2.5	3.0	87.0	22.00	
9									
## 727	2012-12-27	NO	YES	2	3.0	1.0	60.0	21.00	
247									
## 728	2012-12-28	NO	YES	2	3.0	1.0	60.0	9.00	
644									
## 729	2012-12-29	NO	NO	2	3.0	2.0	75.0	6.00	
159									
## 730	2012-12-30	NO	NO	1	4.0	1.0	51.0	24.00	
364									
## 731	2012-12-31	NO	YES	2	3.0	2.0	59.0	11.00	
439									

##	REGISTERED	COUNT	date	MONTH	BADWEATHER
## 1	654	985	2011-01-01	January	NO
## 2	670	801	2011-01-02	January	NO
## 3	1229	1349	2011-01-03	January	NO
## 4	1454	1562	2011-01-04	January	NO
## 5	1518	1600	2011-01-05	January	NO
## 6	1518	1606	2011-01-06	January	NO
## 7	1362	1510	2011-01-07	January	NO
## 8	891	959	2011-01-08	January	NO
## 9	768	822	2011-01-09	January	NO
## 10	1280	1321	2011-01-10	January	NO
## 11	1220	1263	2011-01-11	January	NO
## 12	1137	1162	2011-01-12	January	NO
## 13	1368	1406	2011-01-13	January	NO
## 14	1367	1421	2011-01-14	January	NO
## 15	1026	1248	2011-01-15	January	NO
## 16	953	1204	2011-01-16	January	NO
## 17	883	1000	2011-01-17	January	NO
## 18	674	683	2011-01-18	January	NO
## 19	1572	1650	2011-01-19	January	NO
## 20	1844	1927	2011-01-20	January	NO
## 21	1468	1543	2011-01-21	January	NO
## 22	888	981	2011-01-22	January	NO
## 23	836	986	2011-01-23	January	NO
## 24	1330	1416	2011-01-24	January	NO
## 25	1799	1985	2011-01-25	January	NO
## 26	472	506	2011-01-26	January	YES
## 27	416	431	2011-01-27	January	NO
## 28	1129	1167	2011-01-28	January	NO

## 29	975	1098	2011-01-29	January	NO
## 30	956	1096	2011-01-30	January	NO
## 31	1459	1501	2011-01-31	January	NO
## 32	1313	1360	2011-02-01	February	NO
## 33	1454	1526	2011-02-02	February	NO
## 34	1489	1550	2011-02-03	February	NO
## 35	1620	1708	2011-02-04	February	NO
## 36	905	1005	2011-02-05	February	NO
## 37	1269	1623	2011-02-06	February	NO
## 38	1592	1712	2011-02-07	February	NO
## 39	1466	1530	2011-02-08	February	NO
## 40	1552	1605	2011-02-09	February	NO
## 41	1491	1538	2011-02-10	February	NO
## 42	1597	1746	2011-02-11	February	NO
## 43	1184	1472	2011-02-12	February	NO
## 44	1192	1589	2011-02-13	February	NO
## 45	1705	1913	2011-02-14	February	NO
## 46	1675	1815	2011-02-15	February	NO
## 47	1897	2115	2011-02-16	February	NO
## 48	2216	2475	2011-02-17	February	NO
## 49	2348	2927	2011-02-18	February	NO
## 50	1103	1635	2011-02-19	February	NO
## 51	1173	1812	2011-02-20	February	NO
## 52	912	1107	2011-02-21	February	NO
## 53	1376	1450	2011-02-22	February	NO
## 54	1778	1917	2011-02-23	February	NO
## 55	1707	1807	2011-02-24	February	NO
## 56	1341	1461	2011-02-25	February	NO
## 57	1545	1969	2011-02-26	February	NO
## 58	1708	2402	2011-02-27	February	NO
## 59	1365	1446	2011-02-28	February	NO
## 60	1714	1851	2011-03-01	March	NO
## 61	1903	2134	2011-03-02	March	NO
## 62	1562	1685	2011-03-03	March	NO
## 63	1730	1944	2011-03-04	March	NO
## 64	1437	2077	2011-03-05	March	NO
## 65	491	605	2011-03-06	March	NO
## 66	1628	1872	2011-03-07	March	NO
## 67	1817	2133	2011-03-08	March	NO
## 68	1700	1891	2011-03-09	March	NO
## 69	577	623	2011-03-10	March	YES
## 70	1730	1977	2011-03-11	March	NO
## 71	1408	2132	2011-03-12	March	NO
## 72	1435	2417	2011-03-13	March	NO
## 73	1687	2046	2011-03-14	March	NO
## 74	1767	2056	2011-03-15	March	NO
## 75	1871	2192	2011-03-16	March	NO
## 76	2320	2744	2011-03-17	March	NO
## 77	2355	3239	2011-03-18	March	NO
## 78	1693	3117	2011-03-19	March	NO

## 79	1424	2471	2011-03-20	March	NO
## 80	1676	2077	2011-03-21	March	NO
## 81	2243	2703	2011-03-22	March	NO
## 82	1918	2121	2011-03-23	March	NO
## 83	1699	1865	2011-03-24	March	NO
## 84	1910	2210	2011-03-25	March	NO
## 85	1515	2496	2011-03-26	March	NO
## 86	1221	1693	2011-03-27	March	NO
## 87	1806	2028	2011-03-28	March	NO
## 88	2108	2425	2011-03-29	March	NO
## 89	1368	1536	2011-03-30	March	NO
## 90	1506	1685	2011-03-31	March	YES
## 91	1920	2227	2011-04-01	April	NO
## 92	1354	2252	2011-04-02	April	NO
## 93	1598	3249	2011-04-03	April	NO
## 94	2381	3115	2011-04-04	April	NO
## 95	1628	1795	2011-04-05	April	NO
## 96	2395	2808	2011-04-06	April	NO
## 97	2570	3141	2011-04-07	April	NO
## 98	1299	1471	2011-04-08	April	NO
## 99	1576	2455	2011-04-09	April	NO
## 100	1707	2895	2011-04-10	April	NO
## 101	2493	3348	2011-04-11	April	NO
## 102	1777	2034	2011-04-12	April	NO
## 103	1953	2162	2011-04-13	April	NO
## 104	2738	3267	2011-04-14	April	NO
## 105	2484	3126	2011-04-15	April	NO
## 106	674	795	2011-04-16	April	YES
## 107	2186	3744	2011-04-17	April	NO
## 108	2760	3429	2011-04-18	April	NO
## 109	2795	3204	2011-04-19	April	NO
## 110	3331	3944	2011-04-20	April	NO
## 111	3444	4189	2011-04-21	April	NO
## 112	1506	1683	2011-04-22	April	NO
## 113	2574	4036	2011-04-23	April	NO
## 114	2481	4191	2011-04-24	April	NO
## 115	3300	4073	2011-04-25	April	NO
## 116	3722	4400	2011-04-26	April	NO
## 117	3325	3872	2011-04-27	April	NO
## 118	3489	4058	2011-04-28	April	NO
## 119	3717	4595	2011-04-29	April	NO
## 120	3347	5312	2011-04-30	April	NO
## 121	2213	3351	2011-05-01	May	NO
## 122	3554	4401	2011-05-02	May	NO
## 123	3848	4451	2011-05-03	May	NO
## 124	2378	2633	2011-05-04	May	NO
## 125	3819	4433	2011-05-05	May	NO
## 126	3714	4608	2011-05-06	May	NO
## 127	3102	4714	2011-05-07	May	NO
## 128	2932	4333	2011-05-08	May	NO

## 129	3698	4362	2011-05-09	May	NO
## 130	4109	4803	2011-05-10	May	NO
## 131	3632	4182	2011-05-11	May	NO
## 132	4169	4864	2011-05-12	May	NO
## 133	3413	4105	2011-05-13	May	NO
## 134	2507	3409	2011-05-14	May	NO
## 135	2971	4553	2011-05-15	May	NO
## 136	3185	3958	2011-05-16	May	NO
## 137	3445	4123	2011-05-17	May	NO
## 138	3319	3855	2011-05-18	May	NO
## 139	3840	4575	2011-05-19	May	NO
## 140	4008	4917	2011-05-20	May	NO
## 141	3547	5805	2011-05-21	May	NO
## 142	3084	4660	2011-05-22	May	NO
## 143	3438	4274	2011-05-23	May	NO
## 144	3833	4492	2011-05-24	May	NO
## 145	4238	4978	2011-05-25	May	NO
## 146	3919	4677	2011-05-26	May	NO
## 147	3808	4679	2011-05-27	May	NO
## 148	2757	4758	2011-05-28	May	NO
## 149	2433	4788	2011-05-29	May	NO
## 150	2549	4098	2011-05-30	May	NO
## 151	3309	3982	2011-05-31	May	NO
## 152	3461	3974	2011-06-01	June	NO
## 153	4232	4968	2011-06-02	June	NO
## 154	4414	5312	2011-06-03	June	NO
## 155	3473	5342	2011-06-04	June	NO
## 156	3221	4906	2011-06-05	June	NO
## 157	3875	4548	2011-06-06	June	NO
## 158	4070	4833	2011-06-07	June	NO
## 159	3725	4401	2011-06-08	June	NO
## 160	3352	3915	2011-06-09	June	NO
## 161	3771	4586	2011-06-10	June	NO
## 162	3237	4966	2011-06-11	June	NO
## 163	2993	4460	2011-06-12	June	NO
## 164	4157	5020	2011-06-13	June	NO
## 165	4164	4891	2011-06-14	June	NO
## 166	4411	5180	2011-06-15	June	NO
## 167	3222	3767	2011-06-16	June	NO
## 168	3981	4844	2011-06-17	June	NO
## 169	3312	5119	2011-06-18	June	NO
## 170	3105	4744	2011-06-19	June	NO
## 171	3311	4010	2011-06-20	June	NO
## 172	4061	4835	2011-06-21	June	NO
## 173	3846	4507	2011-06-22	June	NO
## 174	4044	4790	2011-06-23	June	NO
## 175	4022	4991	2011-06-24	June	NO
## 176	3420	5202	2011-06-25	June	NO
## 177	3385	5305	2011-06-26	June	NO
## 178	3854	4708	2011-06-27	June	NO



## 179	3916	4648	2011-06-28	June	NO
## 180	4377	5225	2011-06-29	June	NO
## 181	4488	5515	2011-06-30	June	NO
## 182	4116	5362	2011-07-01	July	NO
## 183	2915	5119	2011-07-02	July	NO
## 184	2367	4649	2011-07-03	July	NO
## 185	2978	6043	2011-07-04	July	NO
## 186	3634	4665	2011-07-05	July	NO
## 187	3845	4629	2011-07-06	July	NO
## 188	3838	4592	2011-07-07	July	NO
## 189	3348	4040	2011-07-08	July	NO
## 190	3348	5336	2011-07-09	July	NO
## 191	3138	4881	2011-07-10	July	NO
## 192	3363	4086	2011-07-11	July	NO
## 193	3596	4258	2011-07-12	July	NO
## 194	3594	4342	2011-07-13	July	NO
## 195	4196	5084	2011-07-14	July	NO
## 196	4220	5538	2011-07-15	July	NO
## 197	3505	5923	2011-07-16	July	NO
## 198	3296	5302	2011-07-17	July	NO
## 199	3617	4458	2011-07-18	July	NO
## 200	3789	4541	2011-07-19	July	NO
## 201	3688	4332	2011-07-20	July	NO
## 202	3152	3784	2011-07-21	July	NO
## 203	2825	3387	2011-07-22	July	NO
## 204	2298	3285	2011-07-23	July	NO
## 205	2556	3606	2011-07-24	July	NO
## 206	3272	3840	2011-07-25	July	NO
## 207	3840	4590	2011-07-26	July	NO
## 208	3901	4656	2011-07-27	July	NO
## 209	3784	4390	2011-07-28	July	NO
## 210	3176	3846	2011-07-29	July	NO
## 211	2916	4475	2011-07-30	July	NO
## 212	2778	4302	2011-07-31	July	NO
## 213	3537	4266	2011-08-01	August	NO
## 214	4044	4845	2011-08-02	August	NO
## 215	3107	3574	2011-08-03	August	NO
## 216	3777	4576	2011-08-04	August	NO
## 217	3843	4866	2011-08-05	August	NO
## 218	2773	4294	2011-08-06	August	NO
## 219	2487	3785	2011-08-07	August	NO
## 220	3480	4326	2011-08-08	August	NO
## 221	3695	4602	2011-08-09	August	NO
## 222	3896	4780	2011-08-10	August	NO
## 223	3980	4792	2011-08-11	August	NO
## 224	3854	4905	2011-08-12	August	NO
## 225	2646	4150	2011-08-13	August	NO
## 226	2482	3820	2011-08-14	August	NO
## 227	3563	4338	2011-08-15	August	NO
## 228	4004	4725	2011-08-16	August	NO

## 229	4026	4694	2011-08-17	August	NO
## 230	3166	3805	2011-08-18	August	NO
## 231	3356	4153	2011-08-19	August	NO
## 232	3277	5191	2011-08-20	August	NO
## 233	2624	3873	2011-08-21	August	NO
## 234	3925	4758	2011-08-22	August	NO
## 235	4614	5895	2011-08-23	August	NO
## 236	4181	5130	2011-08-24	August	NO
## 237	3107	3542	2011-08-25	August	NO
## 238	3893	4661	2011-08-26	August	NO
## 239	889	1115	2011-08-27	August	NO
## 240	2919	4334	2011-08-28	August	NO
## 241	3905	4634	2011-08-29	August	NO
## 242	4429	5204	2011-08-30	August	NO
## 243	4370	5058	2011-08-31	August	NO
## 244	4332	5115	2011-09-01	September	NO
## 245	3852	4727	2011-09-02	September	NO
## 246	2549	4484	2011-09-03	September	NO
## 247	2419	4940	2011-09-04	September	NO
## 248	2115	3351	2011-09-05	September	NO
## 249	2506	2710	2011-09-06	September	YES
## 250	1878	1996	2011-09-07	September	YES
## 251	1689	1842	2011-09-08	September	YES
## 252	3127	3544	2011-09-09	September	NO
## 253	3595	5345	2011-09-10	September	NO
## 254	3413	5046	2011-09-11	September	NO
## 255	4023	4713	2011-09-12	September	NO
## 256	4062	4763	2011-09-13	September	NO
## 257	4138	4785	2011-09-14	September	NO
## 258	3231	3659	2011-09-15	September	NO
## 259	4018	4760	2011-09-16	September	NO
## 260	3077	4511	2011-09-17	September	NO
## 261	2921	4274	2011-09-18	September	NO
## 262	3848	4539	2011-09-19	September	NO
## 263	3203	3641	2011-09-20	September	NO
## 264	3813	4352	2011-09-21	September	NO
## 265	4240	4795	2011-09-22	September	NO
## 266	2137	2395	2011-09-23	September	NO
## 267	3647	5423	2011-09-24	September	NO
## 268	3466	5010	2011-09-25	September	NO
## 269	3946	4630	2011-09-26	September	NO
## 270	3643	4120	2011-09-27	September	NO
## 271	3427	3907	2011-09-28	September	NO
## 272	4186	4839	2011-09-29	September	NO
## 273	4372	5202	2011-09-30	September	NO
## 274	1949	2429	2011-10-01	October	NO
## 275	2302	2918	2011-10-02	October	NO
## 276	3240	3570	2011-10-03	October	NO
## 277	3970	4456	2011-10-04	October	NO
## 278	4267	4826	2011-10-05	October	NO

## 279	4126	4765	2011-10-06	October	NO
## 280	4036	4985	2011-10-07	October	NO
## 281	3174	5409	2011-10-08	October	NO
## 282	3114	5511	2011-10-09	October	NO
## 283	3603	5117	2011-10-10	October	NO
## 284	3896	4563	2011-10-11	October	NO
## 285	2199	2416	2011-10-12	October	YES
## 286	2623	2913	2011-10-13	October	NO
## 287	3115	3644	2011-10-14	October	NO
## 288	3318	5217	2011-10-15	October	NO
## 289	3293	5041	2011-10-16	October	NO
## 290	3857	4570	2011-10-17	October	NO
## 291	4111	4748	2011-10-18	October	NO
## 292	2170	2424	2011-10-19	October	YES
## 293	3724	4195	2011-10-20	October	NO
## 294	3628	4304	2011-10-21	October	NO
## 295	2809	4308	2011-10-22	October	NO
## 296	2762	4381	2011-10-23	October	NO
## 297	3488	4187	2011-10-24	October	NO
## 298	3992	4687	2011-10-25	October	NO
## 299	3490	3894	2011-10-26	October	NO
## 300	2419	2659	2011-10-27	October	NO
## 301	3291	3747	2011-10-28	October	NO
## 302	570	627	2011-10-29	October	YES
## 303	2446	3331	2011-10-30	October	NO
## 304	3307	3669	2011-10-31	October	NO
## 305	3658	4068	2011-11-01	November	NO
## 306	3816	4186	2011-11-02	November	NO
## 307	3656	3974	2011-11-03	November	NO
## 308	3576	4046	2011-11-04	November	NO
## 309	2770	3926	2011-11-05	November	NO
## 310	2697	3649	2011-11-06	November	NO
## 311	3662	4035	2011-11-07	November	NO
## 312	3829	4205	2011-11-08	November	NO
## 313	3804	4109	2011-11-09	November	NO
## 314	2743	2933	2011-11-10	November	NO
## 315	2928	3368	2011-11-11	November	NO
## 316	2792	4067	2011-11-12	November	NO
## 317	2713	3717	2011-11-13	November	NO
## 318	3891	4486	2011-11-14	November	NO
## 319	3746	4195	2011-11-15	November	NO
## 320	1672	1817	2011-11-16	November	YES
## 321	2914	3053	2011-11-17	November	NO
## 322	3147	3392	2011-11-18	November	NO
## 323	2720	3663	2011-11-19	November	NO
## 324	2733	3520	2011-11-20	November	NO
## 325	2545	2765	2011-11-21	November	YES
## 326	1538	1607	2011-11-22	November	YES
## 327	2454	2566	2011-11-23	November	NO
## 328	935	1495	2011-11-24	November	NO

## 329	1697	2792	2011-11-25	November	NO
## 330	1819	3068	2011-11-26	November	NO
## 331	2261	3071	2011-11-27	November	NO
## 332	3614	3867	2011-11-28	November	NO
## 333	2818	2914	2011-11-29	November	NO
## 334	3425	3613	2011-11-30	November	NO
## 335	3545	3727	2011-12-01	December	NO
## 336	3672	3940	2011-12-02	December	NO
## 337	2908	3614	2011-12-03	December	NO
## 338	2851	3485	2011-12-04	December	NO
## 339	3578	3811	2011-12-05	December	NO
## 340	2468	2594	2011-12-06	December	YES
## 341	655	705	2011-12-07	December	YES
## 342	3172	3322	2011-12-08	December	NO
## 343	3359	3620	2011-12-09	December	NO
## 344	2688	3190	2011-12-10	December	NO
## 345	2366	2743	2011-12-11	December	NO
## 346	3167	3310	2011-12-12	December	NO
## 347	3368	3523	2011-12-13	December	NO
## 348	3562	3740	2011-12-14	December	NO
## 349	3528	3709	2011-12-15	December	NO
## 350	3399	3577	2011-12-16	December	NO
## 351	2464	2739	2011-12-17	December	NO
## 352	2211	2431	2011-12-18	December	NO
## 353	3143	3403	2011-12-19	December	NO
## 354	3534	3750	2011-12-20	December	NO
## 355	2553	2660	2011-12-21	December	NO
## 356	2841	3068	2011-12-22	December	NO
## 357	2046	2209	2011-12-23	December	NO
## 358	856	1011	2011-12-24	December	NO
## 359	451	754	2011-12-25	December	NO
## 360	887	1317	2011-12-26	December	NO
## 361	1059	1162	2011-12-27	December	NO
## 362	2047	2302	2011-12-28	December	NO
## 363	2169	2423	2011-12-29	December	NO
## 364	2508	2999	2011-12-30	December	NO
## 365	1820	2485	2011-12-31	December	NO
## 366	1608	2294	2012-01-01	January	NO
## 367	1707	1951	2012-01-02	January	NO
## 368	2147	2236	2012-01-03	January	NO
## 369	2273	2368	2012-01-04	January	NO
## 370	3132	3272	2012-01-05	January	NO
## 371	3791	4098	2012-01-06	January	NO
## 372	3451	4521	2012-01-07	January	NO
## 373	2826	3425	2012-01-08	January	NO
## 374	2270	2376	2012-01-09	January	NO
## 375	3425	3598	2012-01-10	January	NO
## 376	2085	2177	2012-01-11	January	NO
## 377	3828	4097	2012-01-12	January	NO
## 378	3040	3214	2012-01-13	January	NO

## 379	2160	2493	2012-01-14	January	NO
## 380	2027	2311	2012-01-15	January	NO
## 381	2081	2298	2012-01-16	January	NO
## 382	2808	2935	2012-01-17	January	NO
## 383	3267	3376	2012-01-18	January	NO
## 384	3162	3292	2012-01-19	January	NO
## 385	3048	3163	2012-01-20	January	NO
## 386	1234	1301	2012-01-21	January	NO
## 387	1781	1977	2012-01-22	January	NO
## 388	2287	2432	2012-01-23	January	NO
## 389	3900	4339	2012-01-24	January	NO
## 390	3803	4270	2012-01-25	January	NO
## 391	3831	4075	2012-01-26	January	NO
## 392	3187	3456	2012-01-27	January	NO
## 393	3248	4023	2012-01-28	January	NO
## 394	2685	3243	2012-01-29	January	NO
## 395	3498	3624	2012-01-30	January	NO
## 396	4185	4509	2012-01-31	January	NO
## 397	4275	4579	2012-02-01	February	NO
## 398	3571	3761	2012-02-02	February	NO
## 399	3841	4151	2012-02-03	February	NO
## 400	2448	2832	2012-02-04	February	NO
## 401	2629	2947	2012-02-05	February	NO
## 402	3578	3784	2012-02-06	February	NO
## 403	4176	4375	2012-02-07	February	NO
## 404	2693	2802	2012-02-08	February	NO
## 405	3667	3830	2012-02-09	February	NO
## 406	3604	3831	2012-02-10	February	NO
## 407	1977	2169	2012-02-11	February	YES
## 408	1456	1529	2012-02-12	February	NO
## 409	3328	3422	2012-02-13	February	NO
## 410	3787	3922	2012-02-14	February	NO
## 411	4028	4169	2012-02-15	February	NO
## 412	2931	3005	2012-02-16	February	NO
## 413	3805	4154	2012-02-17	February	NO
## 414	2883	4318	2012-02-18	February	NO
## 415	2071	2689	2012-02-19	February	NO
## 416	2627	3129	2012-02-20	February	NO
## 417	3614	3777	2012-02-21	February	NO
## 418	4379	4773	2012-02-22	February	NO
## 419	4546	5062	2012-02-23	February	NO
## 420	3241	3487	2012-02-24	February	NO
## 421	2415	2732	2012-02-25	February	NO
## 422	2874	3389	2012-02-26	February	NO
## 423	4069	4322	2012-02-27	February	NO
## 424	4134	4363	2012-02-28	February	NO
## 425	1769	1834	2012-02-29	February	NO
## 426	4665	4990	2012-03-01	March	NO
## 427	2948	3194	2012-03-02	March	NO
## 428	3110	4066	2012-03-03	March	NO

## 429	2713	3423	2012-03-04	March	NO
## 430	3130	3333	2012-03-05	March	NO
## 431	3735	3956	2012-03-06	March	NO
## 432	4484	4916	2012-03-07	March	NO
## 433	4896	5382	2012-03-08	March	NO
## 434	4122	4569	2012-03-09	March	NO
## 435	3150	4118	2012-03-10	March	NO
## 436	3253	4911	2012-03-11	March	NO
## 437	4460	5298	2012-03-12	March	NO
## 438	5085	5847	2012-03-13	March	NO
## 439	5315	6312	2012-03-14	March	NO
## 440	5187	6192	2012-03-15	March	NO
## 441	3830	4378	2012-03-16	March	NO
## 442	4681	7836	2012-03-17	March	NO
## 443	3685	5892	2012-03-18	March	NO
## 444	5171	6153	2012-03-19	March	NO
## 445	5042	6093	2012-03-20	March	NO
## 446	5108	6230	2012-03-21	March	NO
## 447	5537	6871	2012-03-22	March	NO
## 448	5893	8362	2012-03-23	March	NO
## 449	2339	3372	2012-03-24	March	NO
## 450	3464	4996	2012-03-25	March	NO
## 451	4763	5558	2012-03-26	March	NO
## 452	4571	5102	2012-03-27	March	NO
## 453	5024	5698	2012-03-28	March	NO
## 454	5299	6133	2012-03-29	March	NO
## 455	4663	5459	2012-03-30	March	NO
## 456	3934	6235	2012-03-31	March	NO
## 457	3694	6041	2012-04-01	April	NO
## 458	4728	5936	2012-04-02	April	NO
## 459	5424	6772	2012-04-03	April	NO
## 460	5378	6436	2012-04-04	April	NO
## 461	5265	6457	2012-04-05	April	NO
## 462	4653	6460	2012-04-06	April	NO
## 463	3605	6857	2012-04-07	April	NO
## 464	2939	5169	2012-04-08	April	NO
## 465	4680	5585	2012-04-09	April	NO
## 466	5099	5918	2012-04-10	April	NO
## 467	4380	4862	2012-04-11	April	NO
## 468	4746	5409	2012-04-12	April	NO
## 469	5146	6398	2012-04-13	April	NO
## 470	4665	7460	2012-04-14	April	NO
## 471	4286	7132	2012-04-15	April	NO
## 472	5172	6370	2012-04-16	April	NO
## 473	5702	6691	2012-04-17	April	NO
## 474	4020	4367	2012-04-18	April	NO
## 475	5719	6565	2012-04-19	April	NO
## 476	5950	7290	2012-04-20	April	NO
## 477	4083	6624	2012-04-21	April	NO
## 478	907	1027	2012-04-22	April	YES

## 479	3019	3214	2012-04-23	April	NO
## 480	5115	5633	2012-04-24	April	NO
## 481	5541	6196	2012-04-25	April	NO
## 482	4551	5026	2012-04-26	April	NO
## 483	5219	6233	2012-04-27	April	NO
## 484	3100	4220	2012-04-28	April	NO
## 485	4075	6304	2012-04-29	April	NO
## 486	4907	5572	2012-04-30	April	NO
## 487	5087	5740	2012-05-01	May	NO
## 488	5502	6169	2012-05-02	May	NO
## 489	5657	6421	2012-05-03	May	NO
## 490	5227	6296	2012-05-04	May	NO
## 491	4387	6883	2012-05-05	May	NO
## 492	4224	6359	2012-05-06	May	NO
## 493	5265	6273	2012-05-07	May	NO
## 494	4990	5728	2012-05-08	May	NO
## 495	4097	4717	2012-05-09	May	NO
## 496	5546	6572	2012-05-10	May	NO
## 497	5711	7030	2012-05-11	May	NO
## 498	4807	7429	2012-05-12	May	NO
## 499	3946	6118	2012-05-13	May	NO
## 500	2501	2843	2012-05-14	May	NO
## 501	4490	5115	2012-05-15	May	NO
## 502	6433	7424	2012-05-16	May	NO
## 503	6142	7384	2012-05-17	May	NO
## 504	6118	7639	2012-05-18	May	NO
## 505	4884	8294	2012-05-19	May	NO
## 506	4425	7129	2012-05-20	May	NO
## 507	3729	4359	2012-05-21	May	NO
## 508	5254	6073	2012-05-22	May	NO
## 509	4494	5260	2012-05-23	May	NO
## 510	5711	6770	2012-05-24	May	NO
## 511	5317	6734	2012-05-25	May	NO
## 512	3681	6536	2012-05-26	May	NO
## 513	3308	6591	2012-05-27	May	NO
## 514	3486	6043	2012-05-28	May	NO
## 515	4863	5743	2012-05-29	May	NO
## 516	6110	6855	2012-05-30	May	NO
## 517	6238	7338	2012-05-31	May	NO
## 518	3594	4127	2012-06-01	June	NO
## 519	5325	8120	2012-06-02	June	NO
## 520	5147	7641	2012-06-03	June	NO
## 521	5927	6998	2012-06-04	June	NO
## 522	6033	7001	2012-06-05	June	NO
## 523	6028	7055	2012-06-06	June	NO
## 524	6456	7494	2012-06-07	June	NO
## 525	6248	7736	2012-06-08	June	NO
## 526	4790	7498	2012-06-09	June	NO
## 527	4374	6598	2012-06-10	June	NO
## 528	5647	6664	2012-06-11	June	NO

## 529	4495	4972	2012-06-12	June	NO
## 530	6248	7421	2012-06-13	June	NO
## 531	6183	7363	2012-06-14	June	NO
## 532	6102	7665	2012-06-15	June	NO
## 533	4739	7702	2012-06-16	June	NO
## 534	4344	6978	2012-06-17	June	NO
## 535	4446	5099	2012-06-18	June	NO
## 536	5857	6825	2012-06-19	June	NO
## 537	5339	6211	2012-06-20	June	NO
## 538	5127	5905	2012-06-21	June	NO
## 539	4859	5823	2012-06-22	June	NO
## 540	4801	7458	2012-06-23	June	NO
## 541	4340	6891	2012-06-24	June	NO
## 542	5640	6779	2012-06-25	June	NO
## 543	6365	7442	2012-06-26	June	NO
## 544	6258	7335	2012-06-27	June	NO
## 545	5958	6879	2012-06-28	June	NO
## 546	4634	5463	2012-06-29	June	NO
## 547	4232	5687	2012-06-30	June	NO
## 548	4110	5531	2012-07-01	July	NO
## 549	5323	6227	2012-07-02	July	NO
## 550	5608	6660	2012-07-03	July	NO
## 551	4841	7403	2012-07-04	July	NO
## 552	4836	6241	2012-07-05	July	NO
## 553	4841	6207	2012-07-06	July	NO
## 554	3392	4840	2012-07-07	July	NO
## 555	3469	4672	2012-07-08	July	NO
## 556	5571	6569	2012-07-09	July	NO
## 557	5336	6290	2012-07-10	July	NO
## 558	6289	7264	2012-07-11	July	NO
## 559	6414	7446	2012-07-12	July	NO
## 560	5988	7499	2012-07-13	July	NO
## 561	4614	6969	2012-07-14	July	NO
## 562	4111	6031	2012-07-15	July	NO
## 563	5742	6830	2012-07-16	July	NO
## 564	5865	6786	2012-07-17	July	NO
## 565	4914	5713	2012-07-18	July	NO
## 566	5703	6591	2012-07-19	July	NO
## 567	5123	5870	2012-07-20	July	NO
## 568	3195	4459	2012-07-21	July	YES
## 569	4866	7410	2012-07-22	July	NO
## 570	5831	6966	2012-07-23	July	NO
## 571	6452	7592	2012-07-24	July	NO
## 572	6790	8173	2012-07-25	July	NO
## 573	5825	6861	2012-07-26	July	NO
## 574	5645	6904	2012-07-27	July	NO
## 575	4451	6685	2012-07-28	July	NO
## 576	4444	6597	2012-07-29	July	NO
## 577	6065	7105	2012-07-30	July	NO
## 578	6248	7216	2012-07-31	July	NO



## 579	6506	7580	2012-08-01	August	NO
## 580	6278	7261	2012-08-02	August	NO
## 581	5847	7175	2012-08-03	August	NO
## 582	4479	6824	2012-08-04	August	NO
## 583	3757	5464	2012-08-05	August	NO
## 584	5780	7013	2012-08-06	August	NO
## 585	5995	7273	2012-08-07	August	NO
## 586	6271	7534	2012-08-08	August	NO
## 587	6090	7286	2012-08-09	August	NO
## 588	4721	5786	2012-08-10	August	NO
## 589	4052	6299	2012-08-11	August	NO
## 590	4362	6544	2012-08-12	August	NO
## 591	5676	6883	2012-08-13	August	NO
## 592	5656	6784	2012-08-14	August	NO
## 593	6149	7347	2012-08-15	August	NO
## 594	6267	7605	2012-08-16	August	NO
## 595	5665	7148	2012-08-17	August	NO
## 596	5038	7865	2012-08-18	August	NO
## 597	3341	4549	2012-08-19	August	NO
## 598	5504	6530	2012-08-20	August	NO
## 599	5925	7006	2012-08-21	August	NO
## 600	6281	7375	2012-08-22	August	NO
## 601	6402	7765	2012-08-23	August	NO
## 602	6257	7582	2012-08-24	August	NO
## 603	4224	6053	2012-08-25	August	NO
## 604	3772	5255	2012-08-26	August	NO
## 605	5928	6917	2012-08-27	August	NO
## 606	6105	7040	2012-08-28	August	NO
## 607	6520	7697	2012-08-29	August	NO
## 608	6541	7713	2012-08-30	August	NO
## 609	5917	7350	2012-08-31	August	NO
## 610	3788	6140	2012-09-01	September	NO
## 611	3197	5810	2012-09-02	September	NO
## 612	4069	6034	2012-09-03	September	NO
## 613	5997	6864	2012-09-04	September	NO
## 614	6280	7112	2012-09-05	September	NO
## 615	5592	6203	2012-09-06	September	NO
## 616	6459	7504	2012-09-07	September	NO
## 617	4419	5976	2012-09-08	September	NO
## 618	5657	8227	2012-09-09	September	NO
## 619	6407	7525	2012-09-10	September	NO
## 620	6697	7767	2012-09-11	September	NO
## 621	6820	7870	2012-09-12	September	NO
## 622	6750	7804	2012-09-13	September	NO
## 623	6630	8009	2012-09-14	September	NO
## 624	5554	8714	2012-09-15	September	NO
## 625	5167	7333	2012-09-16	September	NO
## 626	5847	6869	2012-09-17	September	NO
## 627	3702	4073	2012-09-18	September	NO
## 628	6803	7591	2012-09-19	September	NO

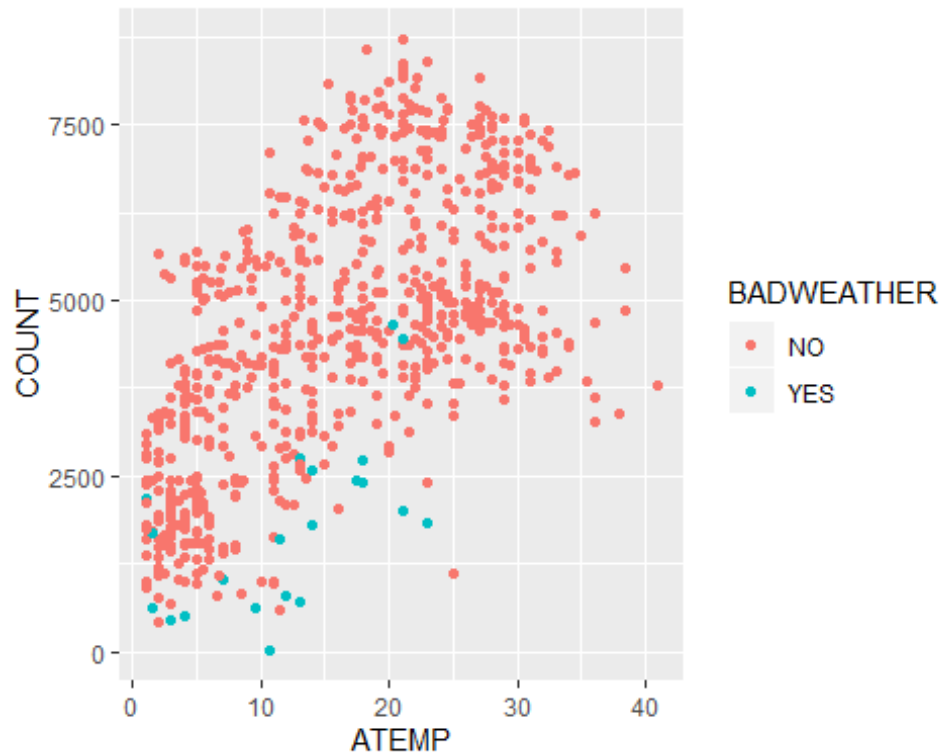
## 629	6781	7720	2012-09-20	September	NO
## 630	6917	8167	2012-09-21	September	NO
## 631	5883	8395	2012-09-22	September	NO
## 632	5453	7907	2012-09-23	September	NO
## 633	6435	7436	2012-09-24	September	NO
## 634	6693	7538	2012-09-25	September	NO
## 635	6946	7733	2012-09-26	September	NO
## 636	6642	7393	2012-09-27	September	NO
## 637	6370	7415	2012-09-28	September	NO
## 638	5966	8555	2012-09-29	September	NO
## 639	4874	6889	2012-09-30	September	NO
## 640	6015	6778	2012-10-01	October	NO
## 641	4324	4639	2012-10-02	October	YES
## 642	6844	7572	2012-10-03	October	NO
## 643	6437	7328	2012-10-04	October	NO
## 644	6640	8156	2012-10-05	October	NO
## 645	4934	7965	2012-10-06	October	NO
## 646	2729	3510	2012-10-07	October	NO
## 647	4604	5478	2012-10-08	October	NO
## 648	5791	6392	2012-10-09	October	NO
## 649	6911	7691	2012-10-10	October	NO
## 650	6736	7570	2012-10-11	October	NO
## 651	6222	7282	2012-10-12	October	NO
## 652	4857	7109	2012-10-13	October	NO
## 653	4559	6639	2012-10-14	October	NO
## 654	5115	5875	2012-10-15	October	NO
## 655	6612	7534	2012-10-16	October	NO
## 656	6482	7461	2012-10-17	October	NO
## 657	6501	7509	2012-10-18	October	NO
## 658	4671	5424	2012-10-19	October	NO
## 659	5284	8090	2012-10-20	October	NO
## 660	4692	6824	2012-10-21	October	NO
## 661	6228	7058	2012-10-22	October	NO
## 662	6625	7466	2012-10-23	October	NO
## 663	6898	7693	2012-10-24	October	NO
## 664	6484	7359	2012-10-25	October	NO
## 665	6262	7444	2012-10-26	October	NO
## 666	5209	7852	2012-10-27	October	NO
## 667	3461	4459	2012-10-28	October	NO
## 668	20	22	2012-10-29	October	YES
## 669	1009	1096	2012-10-30	October	NO
## 670	5147	5566	2012-10-31	October	NO
## 671	5520	5986	2012-11-01	November	NO
## 672	5229	5847	2012-11-02	November	NO
## 673	4109	5138	2012-11-03	November	NO
## 674	3906	5107	2012-11-04	November	NO
## 675	4881	5259	2012-11-05	November	NO
## 676	5220	5686	2012-11-06	November	NO
## 677	4709	5035	2012-11-07	November	NO
## 678	4975	5315	2012-11-08	November	NO

## 679	5283	5992	2012-11-09	November	NO
## 680	4446	6536	2012-11-10	November	NO
## 681	4562	6852	2012-11-11	November	NO
## 682	5172	6269	2012-11-12	November	NO
## 683	3767	4094	2012-11-13	November	NO
## 684	5122	5495	2012-11-14	November	NO
## 685	5125	5445	2012-11-15	November	NO
## 686	5214	5698	2012-11-16	November	NO
## 687	4316	5629	2012-11-17	November	NO
## 688	3747	4669	2012-11-18	November	NO
## 689	5050	5499	2012-11-19	November	NO
## 690	5100	5634	2012-11-20	November	NO
## 691	4531	5146	2012-11-21	November	NO
## 692	1470	2425	2012-11-22	November	NO
## 693	2307	3910	2012-11-23	November	NO
## 694	1745	2277	2012-11-24	November	NO
## 695	2115	2424	2012-11-25	November	NO
## 696	4750	5087	2012-11-26	November	NO
## 697	3836	3959	2012-11-27	November	NO
## 698	5062	5260	2012-11-28	November	NO
## 699	5080	5323	2012-11-29	November	NO
## 700	5306	5668	2012-11-30	November	NO
## 701	4240	5191	2012-12-01	December	NO
## 702	3757	4649	2012-12-02	December	NO
## 703	5679	6234	2012-12-03	December	NO
## 704	6055	6606	2012-12-04	December	NO
## 705	5398	5729	2012-12-05	December	NO
## 706	5035	5375	2012-12-06	December	NO
## 707	4659	5008	2012-12-07	December	NO
## 708	4429	5582	2012-12-08	December	NO
## 709	2787	3228	2012-12-09	December	NO
## 710	4841	5170	2012-12-10	December	NO
## 711	5219	5501	2012-12-11	December	NO
## 712	5009	5319	2012-12-12	December	NO
## 713	5107	5532	2012-12-13	December	NO
## 714	5182	5611	2012-12-14	December	NO
## 715	4280	5047	2012-12-15	December	NO
## 716	3248	3786	2012-12-16	December	NO
## 717	4373	4585	2012-12-17	December	NO
## 718	5124	5557	2012-12-18	December	NO
## 719	4934	5267	2012-12-19	December	NO
## 720	3814	4128	2012-12-20	December	NO
## 721	3402	3623	2012-12-21	December	NO
## 722	1544	1749	2012-12-22	December	NO
## 723	1379	1787	2012-12-23	December	NO
## 724	746	920	2012-12-24	December	NO
## 725	573	1013	2012-12-25	December	NO
## 726	432	441	2012-12-26	December	YES
## 727	1867	2114	2012-12-27	December	NO
## 728	2451	3095	2012-12-28	December	NO

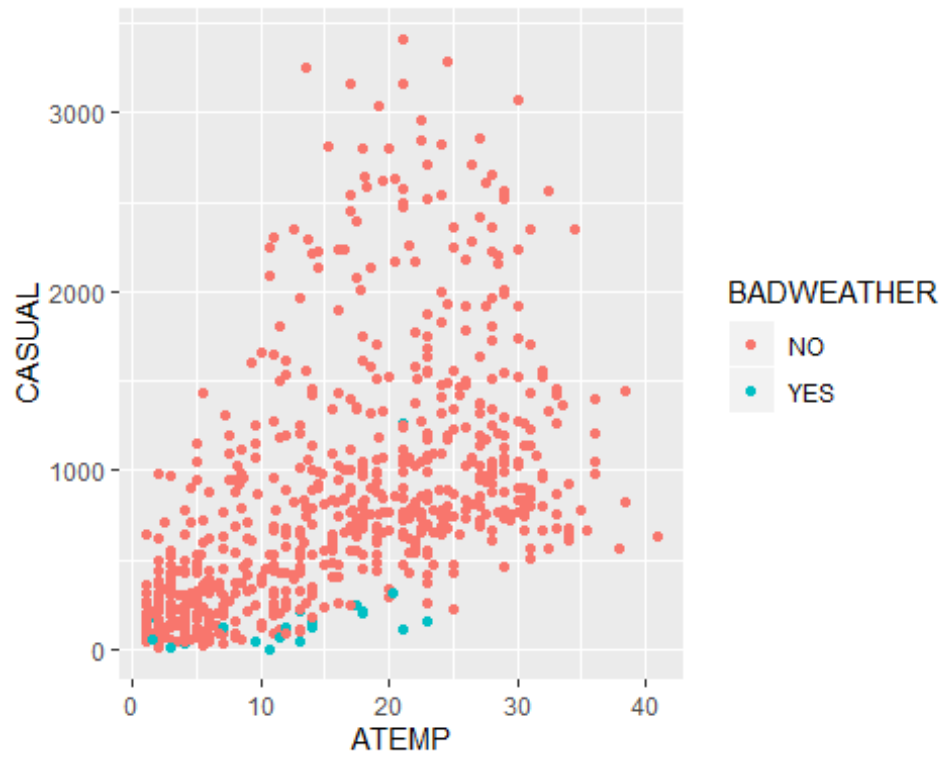
## 729	1182	1341	2012-12-29	December	NO
## 730	1432	1796	2012-12-30	December	NO
## 731	2290	2729	2012-12-31	December	NO

### Question 3

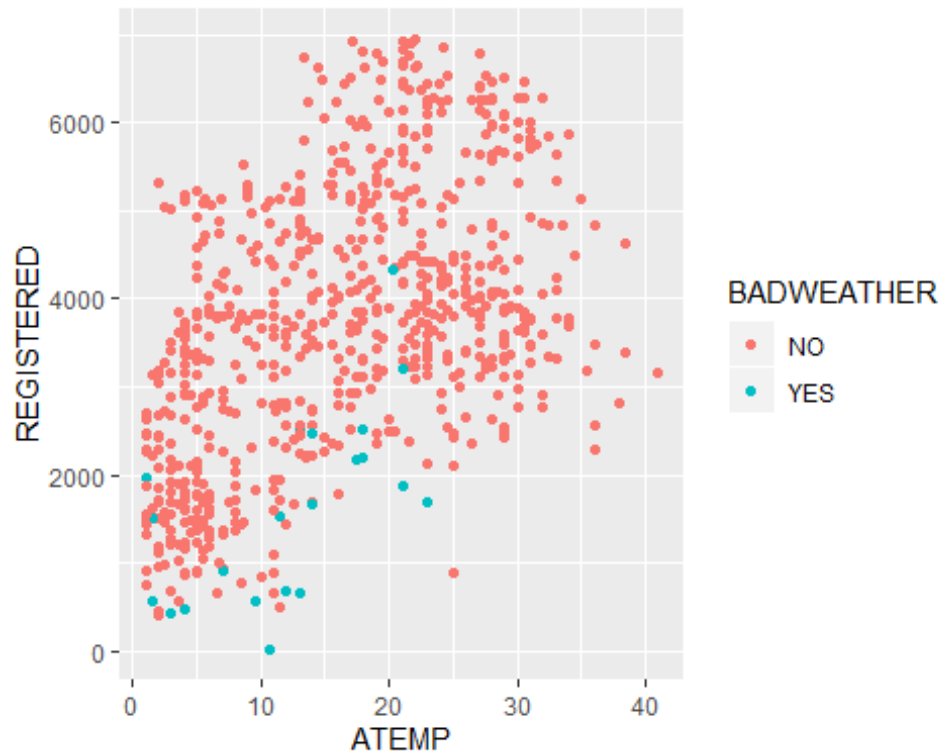
```
plotQ3a <- dfb0rg %>%
  ggplot(aes(x = ATEMP, y = COUNT, color = BADWEATHER))+
  geom_point()
plotQ3a
```



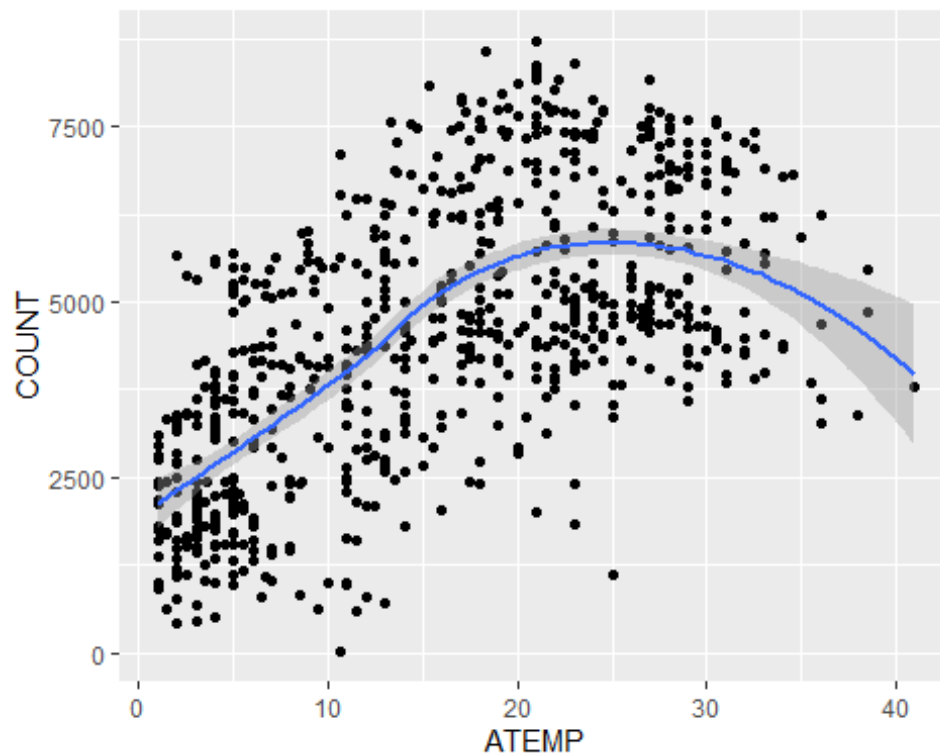
```
plotQ3b <- dfb0rg %>%
  ggplot(aes(x = ATEMP, y = CASUAL, color = BADWEATHER))+
  geom_point()
plotQ3b
```



```
plotQ3c <- dfbOrg %>%  
  ggplot(aes(x = ATEMP, y = REGISTERED, color = BADWEATHER))+  
  geom_point()  
plotQ3c
```



```
plot3c4 <- dfb0rg %>%  
  ggplot(aes(x = ATEMP, y = COUNT))+  
  geom_point()+  
  geom_smooth()  
plot3c4  
  
## `geom_smooth()` using method = 'loess' and formula 'y ~ x'
```



Question 4

```
fitSome <- lm(formula = COUNT ~ MONTH + WEEKDAY + BADWEATHER + TEMP + ATEMP +
HUMIDITY ,data = dfbOrg)
summary(fitSome)
```

```
##
## Call:
## lm(formula = COUNT ~ MONTH + WEEKDAY + BADWEATHER + TEMP + ATEMP +
##     HUMIDITY, data = dfbOrg)
##
## Residuals:
```

	Min	1Q	Median	3Q	Max
	-3729.0	-1005.1	-190.3	1115.0	3750.1

```
##
## Coefficients:
```

	Estimate	Std. Error	t value	Pr(> t )	
(Intercept)	3967.981	335.628	11.823	< 2e-16	***
MONTHAugust	-209.660	291.004	-0.720	0.47147	
MONTHDecember	105.664	265.660	0.398	0.69094	
MONTHFebruary	-802.319	273.000	-2.939	0.00340	**
MONTHJanuary	-858.334	293.371	-2.926	0.00355	**
MONTHJuly	-676.644	312.956	-2.162	0.03094	*
MONTHJune	-189.229	286.067	-0.661	0.50851	
MONTHMarch	-242.020	249.333	-0.971	0.33204	
MONTHMay	279.730	259.634	1.077	0.28166	
MONTHNovember	651.966	257.460	2.532	0.01154	*
MONTHOctober	1072.312	246.970	4.342	1.62e-05	***
MONTHSeptember	742.473	267.293	2.778	0.00562	**

```
## WEEKDAYYES          69.745      110.118    0.633  0.52670
## BADWEATHERYES     -1954.835      316.601   -6.174  1.11e-09 ***
## TEMP              184.596       42.011    4.394  1.28e-05 ***
## ATEMP             -48.640       36.621   -1.328  0.18454
## HUMIDITY          -25.341        3.623   -6.995  6.09e-12 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1341 on 714 degrees of freedom
## Multiple R-squared:  0.5315, Adjusted R-squared:  0.521
## F-statistic: 50.64 on 16 and 714 DF, p-value: < 2.2e-16
```

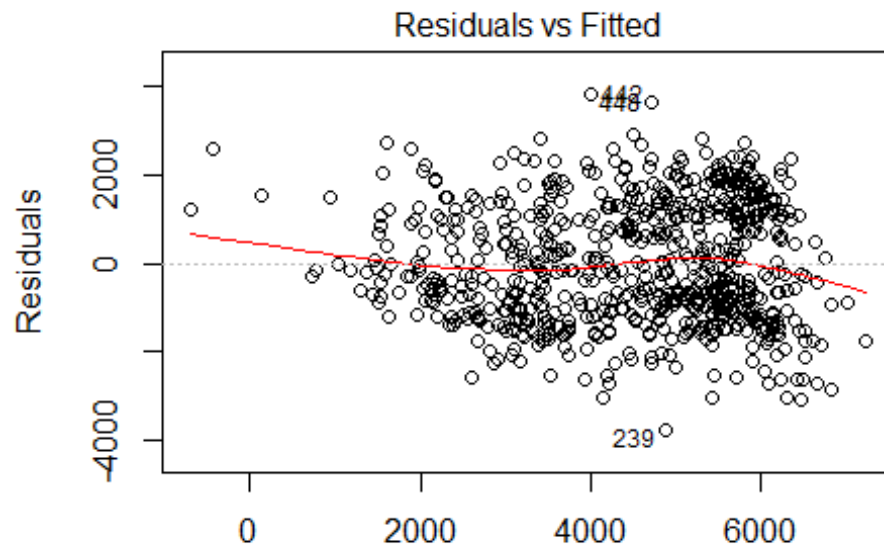
## Question 5

```
adjustedfitSome <- lm(formula = COUNT ~ MONTH + WEEKDAY + BADWEATHER + ATEMP
+ HUMIDITY ,data = dfbOrg)
summary(adjustedfitSome)

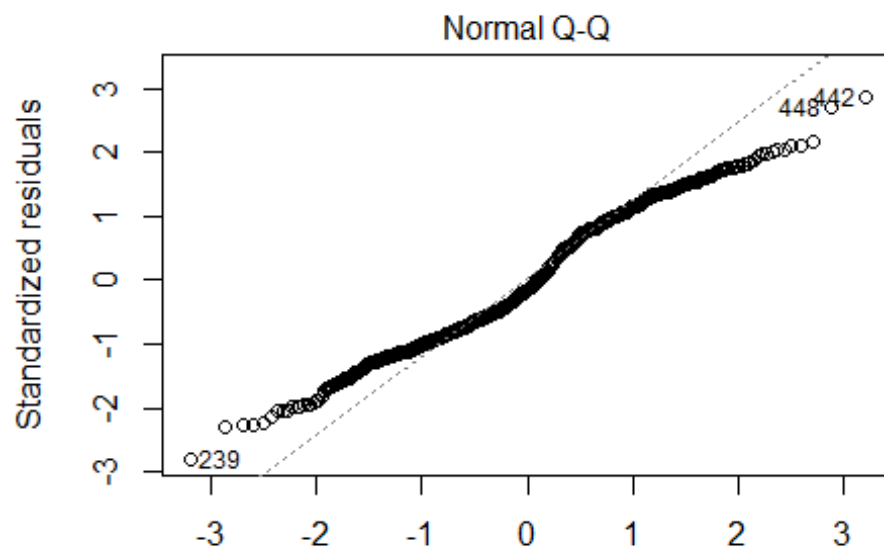
##
## Call:
## lm(formula = COUNT ~ MONTH + WEEKDAY + BADWEATHER + ATEMP + HUMIDITY,
##     data = dfbOrg)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -3760.9 -1058.5  -207.5  1154.8  3822.9
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)   4503.4952    316.6962  14.220 < 2e-16 ***
## MONTHAugust    -70.1865    292.9479   -0.240  0.81072
## MONTHDecember    0.6468    267.9485    0.002  0.99807
## MONTHFebruary -1016.9096    272.0127   -3.738  0.00020 ***
## MONTHJanuary  -1386.5736    271.0121   -5.116  4.01e-07 ***
## MONTHJuly      -585.3680    316.2385   -1.851  0.06458 .
## MONTHJune      -17.4214    286.9867   -0.061  0.95161
## MONTHMarch     -285.6783    252.3046   -1.132  0.25790
## MONTHMay        378.1598    261.9562    1.444  0.14929
## MONTHNovember   462.3246    257.0456    1.799  0.07250 .
## MONTHOctober   1033.8276    249.9540    4.136  3.95e-05 ***
## MONTHSeptember  841.6233    269.7273    3.120  0.00188 **
## WEEKDAYYES      91.4446    111.4065    0.821  0.41202
## BADWEATHERYES  -1961.8521    320.6243   -6.119  1.55e-09 ***
## ATEMP          103.1721     12.2943    8.392  2.55e-16 ***
## HUMIDITY       -25.4375      3.6686   -6.934  9.16e-12 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1358 on 715 degrees of freedom
```



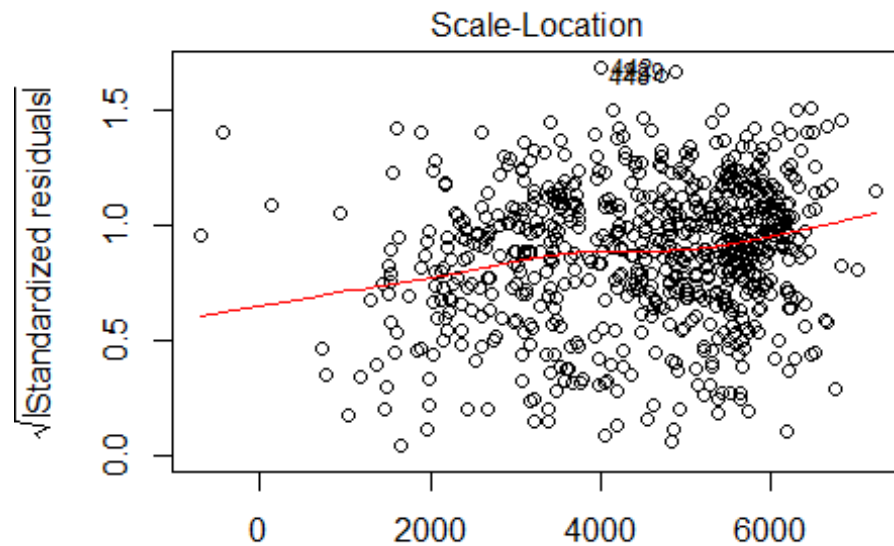
```
## Multiple R-squared:  0.5189, Adjusted R-squared:  0.5088  
## F-statistic: 51.41 on 15 and 715 DF,  p-value: < 2.2e-16  
  
plot(adjustedfitSome)
```



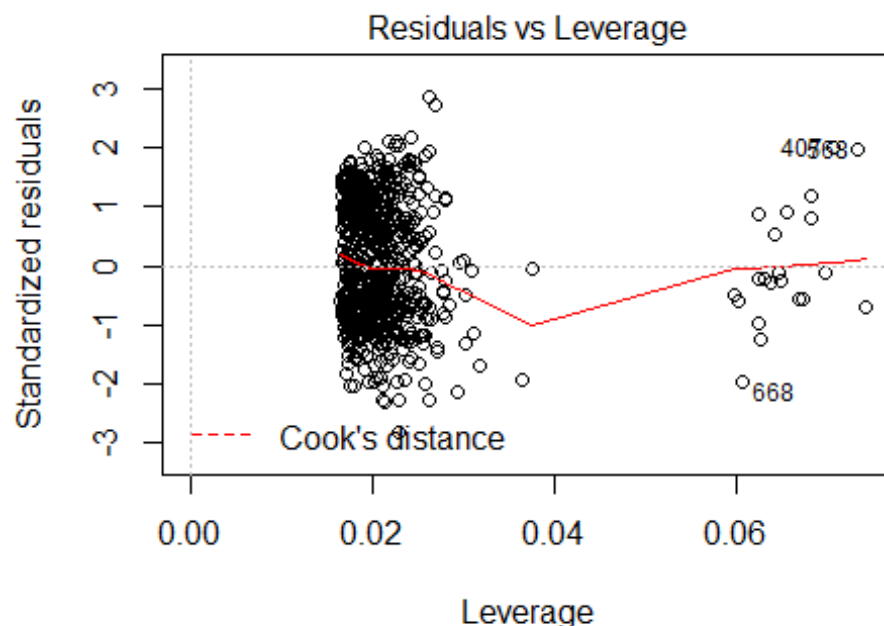
1(COUNT ~ MONTH + WEEKDAY + BADWEATHER + ATEMP + HUM)



1(COUNT ~ MONTH + WEEKDAY + BADWEATHER + ATEMP + HUM)



lm(COUNT ~ MONTH + WEEKDAY + BADWEATHER + ATEMP + HUMIDITY)



lm(COUNT ~ MONTH + WEEKDAY + BADWEATHER + ATEMP + HUMIDITY)

Question 6

```
badCount <- lm(formula = COUNT ~ BADWEATHER, data=dfbOrg)
summary(badCount)
```

```
##
## Call:
## lm(formula = COUNT ~ BADWEATHER, data = dfbOrg)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -4153.2 -1257.7    1.8  1404.8  4129.8
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)   4584.24      70.63   64.908 < 2e-16 ***
## BADWEATHERYES -2780.95     416.69  -6.674 4.93e-11 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1882 on 729 degrees of freedom
## Multiple R-squared:  0.05758,    Adjusted R-squared:  0.05629
## F-statistic: 44.54 on 1 and 729 DF,  p-value: 4.934e-11
```

Yes they are different. It was -1954.835 in Q4

```
badCountWeekday <- lm(formula = COUNT ~ BADWEATHER * WEEKDAY, data=dfbOrg)
summary(badCountWeekday)
```

```
##
## Call:
## lm(formula = COUNT ~ BADWEATHER * WEEKDAY, data = dfbOrg)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -4206.7 -1262.1    -3.7  1405.3  4261.5
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)   4452.5      131.5   33.861 < 2e-16 ***
## BADWEATHERYES  -2637.1     852.2  -3.095  0.00205 **
## WEEKDAYYES      185.3     155.9   1.188  0.23514
## BADWEATHERYES:WEEKDAYYES -201.2     977.1  -0.206  0.83695
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1883 on 727 degrees of freedom
## Multiple R-squared:  0.05941,    Adjusted R-squared:  0.05553
## F-statistic: 15.31 on 3 and 727 DF,  p-value: 1.15e-09
```

```
anova(badCount, badCountWeekday)
```

```
## Analysis of Variance Table
##
## Model 1: COUNT ~ BADWEATHER
## Model 2: COUNT ~ BADWEATHER * WEEKDAY
```

```
##      Res.Df      RSS Df Sum of Sq      F Pr(>F)
## 1      729 2581793230
## 2      727 2576788128  2    5005101 0.7061 0.4939
```

Question 7 part a and b

```
set.seed(333)
dfbTrain <- dfbOrg %>% sample_frac(0.8)
dfbTest <- dplyr::setdiff(dfbOrg, dfbTrain)
```

Q7 part c

```
fitOrg <- lm(formula = COUNT ~ MONTH + WEEKDAY + BADWEATHER + ATEMP +
HUMIDITY, data=dfbTrain)
summary(fitOrg)
```

```
##
## Call:
## lm(formula = COUNT ~ MONTH + WEEKDAY + BADWEATHER + ATEMP + HUMIDITY,
##     data = dfbTrain)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -3730.4 -1059.6  -123.3   1136.4   3935.6
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)    4682.429     349.954   13.380 < 2e-16 ***
## MONTHAugust     -180.796     325.897   -0.555 0.579273
## MONTHDecember    -66.799     295.882   -0.226 0.821467
## MONTHFebruary  -1120.863     303.118   -3.698 0.000239 ***
## MONTHJanuary   -1437.306     303.674   -4.733 2.79e-06 ***
## MONTHJuly       -526.826     347.187   -1.517 0.129718
## MONTHJune       -71.630     310.819   -0.230 0.817820
## MONTHMarch     -494.433     280.474   -1.763 0.078463 .
## MONTHMay        330.771     288.889    1.145 0.252700
## MONTHNovember   423.187     290.993    1.454 0.146419
## MONTHOctober    988.645     281.837    3.508 0.000487 ***
## MONTHSeptember  663.921     302.925    2.192 0.028806 *
## WEEKDAYYES       88.645     124.513    0.712 0.476797
## BADWEATHERYES  -2141.259     368.143   -5.816 1.00e-08 ***
## ATEMP           101.880      13.638    7.470 3.03e-13 ***
## HUMIDITY        -26.229       4.101   -6.396 3.32e-10 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1354 on 569 degrees of freedom
## Multiple R-squared:  0.5219, Adjusted R-squared:  0.5093
## F-statistic: 41.4 on 15 and 569 DF, p-value: < 2.2e-16
```

```

fitNew <- lm(formula = COUNT ~ MONTH + WEEKDAY + BADWEATHER + ATEMP +
HUMIDITY + WINDSPEED, data=dfbTrain)
summary(fitNew)

##
## Call:
## lm(formula = COUNT ~ MONTH + WEEKDAY + BADWEATHER + ATEMP + HUMIDITY +
##     WINDSPEED, data = dfbTrain)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -3424.6 -1039.4  -130.3   1131.8   3608.3
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)    5964.943     420.564   14.183 < 2e-16 ***
## MONTHAugust    -278.536     319.113   -0.873  0.38312
## MONTHDecember  -290.099     292.348   -0.992  0.32147
## MONTHFebruary -1236.981     297.128  -4.163 3.63e-05 ***
## MONTHJanuary  -1544.870     297.554  -5.192 2.90e-07 ***
## MONTHJuly      -722.754     341.431  -2.117  0.03471 *
## MONTHJune      -191.150     304.683  -0.627  0.53067
## MONTHMarch     -536.748     274.285  -1.957  0.05085 .
## MONTHMay       236.844     282.960   0.837  0.40293
## MONTHNovember  267.195     286.002   0.934  0.35058
## MONTHOctober   831.575     277.124   3.001  0.00281 **
## MONTHSeptember 508.483     297.594   1.709  0.08806 .
## WEEKDAYYES      70.180     121.764   0.576  0.56460
## BADWEATHERYES -1809.910     365.373  -4.954 9.62e-07 ***
## ATEMP           98.665      13.345   7.393 5.16e-13 ***
## HUMIDITY        -32.191       4.167  -7.726 5.06e-14 ***
## WINDSPEED       -57.016      10.876  -5.242 2.24e-07 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1323 on 568 degrees of freedom
## Multiple R-squared:  0.5439, Adjusted R-squared:  0.5311
## F-statistic: 42.34 on 16 and 568 DF, p-value: < 2.2e-16

resultsOrg <-dfbTest %>%
  mutate(predictedUseOrg = predict(fitOrg, dfbTest))

resultsOrg

##          DATE HOLIDAY WEEKDAY WEATHERSIT TEMP ATEMP HUMIDITY WINDSPEED
CASUAL
## 1  2011-01-10      NO     YES           1  2.0   6.0     50.0     15.00
41
## 2  2011-01-11      NO     YES           2  1.0   3.5     57.0     7.00
43

```

## 3 38	2011-01-13	NO	YES	1	2.0	7.0	48.5	20.00
## 4 251	2011-01-16	NO	NO	1	2.5	2.0	49.5	15.00
## 5 78	2011-01-19	NO	YES	2	5.5	2.5	71.5	10.00
## 6 83	2011-01-20	NO	YES	2	4.0	2.0	56.0	15.00
## 7 150	2011-01-23	NO	NO	1	4.0	10.0	42.0	15.00
## 8 186	2011-01-25	NO	YES	2	2.0	4.0	65.0	9.00
## 9 397	2011-02-13	NO	NO	1	9.5	6.0	36.0	20.00
## 10 140	2011-02-15	NO	YES	1	4.0	3.5	32.0	17.00
## 11 259	2011-02-17	NO	YES	1	13.5	13.5	54.5	15.00
## 12 195	2011-02-21	YES	YES	2	7.0	5.0	66.0	20.00
## 13 139	2011-02-23	NO	YES	1	3.0	6.0	48.0	6.00
## 14 424	2011-02-26	NO	NO	1	5.0	3.0	56.0	14.00
## 15 724	2011-03-12	NO	NO	1	8.5	5.5	63.5	13.00
## 16 982	2011-03-13	NO	NO	1	9.5	8.5	53.5	20.00
## 17 289	2011-03-15	NO	YES	2	7.0	5.0	68.0	13.00
## 18 321	2011-03-16	NO	YES	2	9.0	8.0	82.0	13.00
## 19 1424	2011-03-19	NO	NO	1	14.0	14.0	38.0	25.00
## 20 307	2011-04-01	NO	YES	2	7.0	4.0	61.0	17.00
## 21 413	2011-04-06	NO	YES	1	12.5	12.5	41.0	18.00
## 22 879	2011-04-09	NO	NO	2	9.0	8.0	87.0	9.00
## 23 257	2011-04-12	NO	YES	2	16.0	16.0	77.0	19.00
## 24 209	2011-04-13	NO	YES	2	11.5	11.5	85.0	17.00
## 25 121	2011-04-16	NO	NO	3	12.0	12.0	88.0	22.00
## 26 177	2011-04-22	NO	YES	2	8.0	5.0	66.0	15.00
## 27 878	2011-04-29	NO	YES	1	17.0	17.0	45.0	19.00

## 28 1138	2011-05-01	NO	NO	2	14.0	14.0	77.0	7.00
## 29 847	2011-05-02	NO	YES	2	19.5	19.5	73.0	13.00
## 30 664	2011-05-09	NO	YES	1	17.5	17.5	56.0	13.00
## 31 773	2011-05-16	NO	YES	1	19.5	19.5	83.0	9.00
## 32 2258	2011-05-21	NO	NO	1	21.5	21.5	62.5	8.00
## 33 659	2011-05-24	NO	YES	2	23.5	23.5	74.0	13.00
## 34 1869	2011-06-04	NO	NO	1	23.0	23.0	46.5	7.00
## 35 763	2011-06-07	NO	YES	1	27.0	28.5	59.5	12.00
## 36 1467	2011-06-12	NO	NO	1	24.5	25.5	78.0	11.00
## 37 746	2011-06-23	NO	YES	2	27.0	29.0	70.0	15.00
## 38 1920	2011-06-26	NO	NO	1	26.0	26.0	52.0	7.00
## 39 1027	2011-06-30	NO	YES	1	26.0	26.0	42.0	13.00
## 40 1246	2011-07-01	NO	YES	1	26.0	26.0	42.0	9.00
## 41 2204	2011-07-02	NO	NO	1	28.0	28.5	47.5	7.00
## 42 784	2011-07-06	NO	YES	1	27.0	29.0	74.0	11.00
## 43 754	2011-07-07	NO	YES	1	28.0	30.5	62.0	11.00
## 44 752	2011-07-19	NO	YES	1	29.0	33.0	66.0	9.00
## 45 632	2011-07-21	NO	YES	2	32.0	41.0	71.0	15.00
## 46 750	2011-07-26	NO	YES	1	29.5	30.5	47.5	15.00
## 47 1524	2011-07-31	NO	NO	1	30.0	32.0	55.0	11.00
## 48 729	2011-08-01	NO	YES	1	28.0	29.0	56.5	12.00
## 49 1023	2011-08-05	NO	YES	1	26.0	27.0	65.0	15.00
## 50 846	2011-08-08	NO	YES	1	29.0	31.0	56.5	10.00
## 51 1338	2011-08-14	NO	NO	2	24.0	25.0	83.5	14.00
## 52 668	2011-08-17	NO	YES	1	27.5	28.0	56.5	11.00

## 53 1281	2011-08-23	NO	YES	1	22.5	22.5	49.5	12.00
## 54 775	2011-08-30	NO	YES	1	23.5	23.5	53.5	9.00
## 55 1935	2011-09-03	NO	NO	1	24.0	24.5	70.0	11.00
## 56 1633	2011-09-11	NO	NO	1	23.0	23.0	73.0	7.00
## 57 701	2011-09-13	NO	YES	1	23.0	23.0	76.0	9.00
## 58 1353	2011-09-18	NO	NO	1	17.5	17.5	68.0	13.00
## 59 539	2011-09-21	NO	YES	2	21.5	21.5	94.0	6.50
## 60 555	2011-09-22	NO	YES	2	22.0	23.0	94.0	7.00
## 61 830	2011-09-30	NO	YES	1	18.0	18.0	57.0	13.00
## 62 330	2011-10-03	NO	YES	2	11.0	11.0	77.0	7.00
## 63 2235	2011-10-08	NO	NO	1	16.5	16.5	77.0	0.00
## 64 1514	2011-10-10	YES	YES	1	19.0	19.0	80.5	0.00
## 65 290	2011-10-13	NO	YES	2	20.0	20.0	88.0	9.00
## 66 713	2011-10-17	NO	YES	1	18.0	18.0	55.5	11.00
## 67 885	2011-10-30	NO	NO	1	6.5	6.0	66.0	14.00
## 68 370	2011-11-02	NO	YES	1	9.5	8.5	74.0	6.50
## 69 318	2011-11-03	NO	YES	1	11.0	11.0	76.0	9.00
## 70 305	2011-11-09	NO	YES	1	11.0	11.0	87.0	0.00
## 71 595	2011-11-14	NO	YES	1	19.0	19.0	61.5	20.00
## 72 112	2011-11-23	NO	YES	2	13.0	13.0	66.5	26.00
## 73 253	2011-11-28	NO	YES	1	17.0	17.0	77.5	9.00
## 74 126	2011-12-06	NO	YES	3	14.0	14.0	100.0	15.00
## 75 260	2011-12-19	NO	YES	1	7.0	5.0	59.5	11.00
## 76 163	2011-12-23	NO	YES	1	10.0	8.0	66.0	17.00
## 77 255	2011-12-28	NO	YES	1	7.0	3.0	46.0	17.00



## 78 491	2011-12-30	NO	YES	1	8.0	5.0	66.0	7.00
## 79 89	2012-01-03	NO	YES	1	2.0	8.0	42.5	24.00
## 80 1070	2012-01-07	NO	NO	1	10.5	9.5	45.0	13.00
## 81 92	2012-01-11	NO	YES	2	7.0	5.0	87.0	9.00
## 82 217	2012-01-16	YES	YES	1	4.0	2.0	54.0	19.50
## 83 67	2012-01-21	NO	NO	2	1.0	5.0	81.0	17.00
## 84 145	2012-01-23	NO	YES	2	2.0	1.0	93.0	9.00
## 85 199	2012-02-07	NO	YES	1	7.5	6.5	47.5	12.00
## 86 192	2012-02-11	NO	NO	3	2.0	1.0	81.0	17.00
## 87 74	2012-02-16	NO	YES	2	7.0	6.0	76.0	6.00
## 88 502	2012-02-20	YES	YES	1	4.0	4.0	48.0	15.00
## 89 246	2012-02-24	NO	YES	2	11.0	11.0	79.5	12.00
## 90 203	2012-03-05	NO	YES	1	3.0	1.5	54.5	14.00
## 91 447	2012-03-09	NO	YES	2	10.0	7.0	34.0	26.00
## 92 2207	2012-03-18	NO	NO	2	14.0	14.0	82.0	9.00
## 93 1334	2012-03-22	NO	YES	1	19.5	19.5	80.5	6.50
## 94 531	2012-03-27	NO	YES	1	7.0	5.0	31.0	13.00
## 95 834	2012-03-29	NO	YES	1	15.5	15.5	44.0	20.00
## 96 2301	2012-03-31	NO	NO	2	11.0	11.0	76.0	17.00
## 97 1058	2012-04-04	NO	YES	1	19.0	19.0	46.0	13.00
## 98 2846	2012-04-15	NO	NO	1	22.5	22.5	51.0	17.00
## 99 1340	2012-04-20	NO	YES	1	17.5	17.5	70.5	13.00
## 100 1069	2012-05-04	NO	YES	1	21.5	21.5	78.0	8.00
## 101 620	2012-05-09	NO	YES	2	19.0	19.0	80.0	13.00
## 102 2172	2012-05-13	NO	NO	1	22.0	22.0	57.0	14.00

## 103 2012-05-21 630	NO	YES	2	21.0	21.0	83.0	17.00
## 104 2012-05-24 1059	NO	YES	1	23.0	23.0	73.0	11.00
## 105 2012-06-15 1563	NO	YES	1	23.0	23.0	53.0	11.00
## 106 2012-07-01 1421	NO	NO	1	32.0	33.0	44.0	9.00
## 107 2012-07-05 1405	NO	YES	1	33.0	36.0	47.5	14.00
## 108 2012-07-07 1448	NO	NO	1	34.0	38.5	46.5	11.00
## 109 2012-07-12 1032	NO	YES	1	27.0	27.0	51.0	9.00
## 110 2012-07-21 1264	NO	NO	3	21.0	21.0	88.0	17.00
## 111 2012-08-02 983	NO	YES	1	29.0	32.0	66.0	8.00
## 112 2012-08-05 1707	NO	NO	1	28.0	31.0	70.0	17.00
## 113 2012-08-10 1065	NO	YES	2	27.0	29.0	70.0	19.00
## 114 2012-08-11 2247	NO	NO	2	24.0	25.0	78.0	13.00
## 115 2012-08-15 1198	NO	YES	1	26.0	27.0	61.0	13.00
## 116 2012-08-22 1094	NO	YES	1	23.0	23.5	74.0	0.00
## 117 2012-08-29 1177	NO	YES	1	24.5	24.5	54.0	9.00
## 118 2012-09-02 2613	NO	NO	2	26.0	27.5	84.0	6.00
## 119 2012-09-11 1070	NO	YES	1	19.5	19.5	57.5	7.00
## 120 2012-09-15 3160	NO	NO	1	21.0	21.0	46.0	18.00
## 121 2012-09-21 1250	NO	YES	1	21.0	21.0	69.0	12.00
## 122 2012-09-22 2512	NO	NO	1	23.0	23.0	58.0	19.00
## 123 2012-09-25 845	NO	YES	1	21.0	21.0	57.0	17.00
## 124 2012-09-26 787	NO	YES	1	22.0	22.0	64.0	17.00
## 125 2012-10-10 780	NO	YES	1	16.0	17.2	69.6	10.40
## 126 2012-10-12 1060	NO	YES	1	12.9	13.6	54.0	15.68
## 127 2012-10-16 922	NO	YES	1	14.4	14.4	55.8	12.00

## 128	2012-10-18	NO	YES	2	16.9	16.9	72.8	15.68
1008								
## 129	2012-10-19	NO	YES	2	19.3	19.2	82.1	9.28
753								
## 130	2012-10-21	NO	NO	1	14.2	14.4	51.1	11.04
2132								
## 131	2012-10-26	NO	YES	2	18.2	19.2	81.4	9.28
1182								
## 132	2012-10-29	NO	YES	3	10.6	10.6	84.5	40.16
2								
## 133	2012-10-30	NO	YES	2	6.3	6.7	85.6	21.12
87								
## 134	2012-11-12	YES	YES	1	15.6	15.6	74.3	12.32
1097								
## 135	2012-11-13	NO	YES	2	7.8	8.9	69.9	22.88
327								
## 136	2012-11-23	NO	YES	1	9.7	9.2	55.9	10.72
1603								
## 137	2012-11-24	NO	NO	1	4.6	5.3	41.1	24.64
532								
## 138	2012-11-25	NO	NO	1	3.2	3.6	48.8	9.76
309								
## 139	2012-11-26	NO	YES	1	6.9	6.7	53.6	3.36
337								
## 140	2012-11-27	NO	YES	2	5.5	5.0	80.1	16.48
123								
## 141	2012-11-29	NO	YES	1	7.0	5.5	46.5	10.00
243								
## 142	2012-11-30	NO	YES	1	2.0	2.0	76.0	0.00
362								
## 143	2012-12-09	NO	NO	2	11.0	11.0	88.0	9.00
441								
## 144	2012-12-17	NO	YES	2	11.0	11.0	91.0	7.00
212								
## 145	2012-12-21	NO	YES	2	7.0	3.0	45.0	26.00
221								
## 146	2012-12-31	NO	YES	2	3.0	2.0	59.0	11.00
439								

##	REGISTERED	COUNT	date	MONTH	BADWEATHER	predictedUseOrg
## 1	1280	1321	2011-01-10	January	NO	2633.6206
## 2	1220	1263	2011-01-11	January	NO	2195.3204
## 3	1368	1406	2011-01-13	January	NO	2774.8435
## 4	953	1204	2011-01-16	January	NO	2150.5693
## 5	1572	1650	2011-01-19	January	NO	1713.1263
## 6	1844	1927	2011-01-20	January	NO	2068.7288
## 7	836	986	2011-01-23	January	NO	3162.3243
## 8	1799	1985	2011-01-25	January	NO	2036.4320
## 9	1192	1589	2011-02-13	February	NO	3228.6183
## 10	1675	1815	2011-02-15	February	NO	3167.4774
## 11	2216	2475	2011-02-17	February	NO	3596.1359

## 12	912	1107	2011-02-21	February	NO	2428.5267
## 13	1778	1917	2011-02-23	February	NO	3002.5208
## 14	1545	1969	2011-02-26	February	NO	2398.4069
## 15	1408	2132	2011-03-12	March	NO	3082.8231
## 16	1435	2417	2011-03-13	March	NO	3650.7490
## 17	1767	2056	2011-03-15	March	NO	3002.4997
## 18	1871	2192	2011-03-16	March	NO	2940.9402
## 19	1693	3117	2011-03-19	March	NO	4617.6321
## 20	1920	2227	2011-04-01	April	NO	3578.6522
## 21	2395	2808	2011-04-06	April	NO	4969.2042
## 22	1576	2455	2011-04-09	April	NO	3215.5850
## 23	1777	2034	2011-04-12	April	NO	4381.5565
## 24	1953	2162	2011-04-13	April	NO	3713.2676
## 25	674	795	2011-04-16	April	YES	1455.6179
## 26	1506	1683	2011-04-22	April	NO	3549.3895
## 27	3717	4595	2011-04-29	April	NO	5322.7504
## 28	2213	3351	2011-05-01	May	NO	4419.9218
## 29	3554	4401	2011-05-02	May	NO	5173.8217
## 30	3698	4362	2011-05-09	May	NO	5415.9470
## 31	3185	3958	2011-05-16	May	NO	4911.5361
## 32	3547	5805	2011-05-21	May	NO	5564.3366
## 33	3833	4492	2011-05-24	May	NO	5555.1135
## 34	3473	5342	2011-06-04	June	NO	5734.4127
## 35	4070	4833	2011-06-07	June	NO	6042.4271
## 36	2993	4460	2011-06-12	June	NO	5162.9134
## 37	4044	4790	2011-06-23	June	NO	5817.9674
## 38	3385	5305	2011-06-26	June	NO	5895.7959
## 39	4488	5515	2011-06-30	June	NO	6246.7266
## 40	4116	5362	2011-07-01	July	NO	5791.5310
## 41	2915	5119	2011-07-02	July	NO	5813.3291
## 42	3845	4629	2011-07-06	July	NO	5257.8575
## 43	3838	4592	2011-07-07	July	NO	5725.4204
## 44	3789	4541	2011-07-19	July	NO	5875.2064
## 45	3152	3784	2011-07-21	July	NO	6559.1044
## 46	3840	4590	2011-07-26	July	NO	6105.7344
## 47	2778	4302	2011-07-31	July	NO	5973.1953
## 48	3537	4266	2011-08-01	August	NO	6062.8868
## 49	3843	4866	2011-08-05	August	NO	5636.1839
## 50	3480	4326	2011-08-08	August	NO	6266.6470
## 51	2482	3820	2011-08-14	August	NO	4858.5503
## 52	4026	4694	2011-08-17	August	NO	5961.0067
## 53	4614	5895	2011-08-23	August	NO	5584.2661
## 54	4429	5204	2011-08-30	August	NO	5581.2320
## 55	2549	4484	2011-09-03	September	NO	6006.4131
## 56	3413	5046	2011-09-11	September	NO	5774.9073
## 57	4062	4763	2011-09-13	September	NO	5784.8668
## 58	2921	4274	2011-09-18	September	NO	5345.7096
## 59	3813	4352	2011-09-21	September	NO	5159.9326
## 60	4240	4795	2011-09-22	September	NO	5312.7528
## 61	4372	5202	2011-09-30	September	NO	5773.8089

## 62	3240	3570	2011-10-03	October	NO	4860.8013
## 63	3174	5409	2011-10-08	October	NO	5332.4967
## 64	3603	5117	2011-10-10	October	NO	5584.0422
## 65	2623	2913	2011-10-13	October	NO	5489.2081
## 66	3857	4570	2011-10-17	October	NO	6137.8760
## 67	2446	3331	2011-10-30	October	NO	4551.2698
## 68	3816	4186	2011-11-02	November	NO	4119.3284
## 69	3656	3974	2011-11-03	November	NO	4321.5716
## 70	3804	4109	2011-11-09	November	NO	4033.0575
## 71	3891	4486	2011-11-14	November	NO	5516.9264
## 72	2454	2566	2011-11-23	November	NO	4774.5030
## 73	3614	3867	2011-11-28	November	NO	4893.5093
## 74	2468	2594	2011-12-06	December	YES	1366.4815
## 75	3143	3403	2011-12-19	December	NO	3653.0761
## 76	2046	2209	2011-12-23	December	NO	3788.2308
## 77	2047	2302	2011-12-28	December	NO	3803.4014
## 78	2508	2999	2011-12-30	December	NO	3482.5905
## 79	2147	2236	2012-01-03	January	NO	3034.0949
## 80	3451	4521	2012-01-07	January	NO	3032.6985
## 81	2085	2177	2012-01-11	January	NO	1561.2839
## 82	2081	2298	2012-01-16	January	NO	2121.1859
## 83	1234	1301	2012-01-21	January	NO	1630.0101
## 84	2287	2432	2012-01-23	January	NO	996.3922
## 85	4176	4375	2012-02-07	February	NO	3066.5751
## 86	1977	2169	2012-02-11	February	YES	-602.3261
## 87	2931	3005	2012-02-16	February	NO	2268.1212
## 88	2627	3129	2012-02-20	February	NO	2798.7606
## 89	3241	3487	2012-02-24	February	NO	2685.7218
## 90	3130	3333	2012-03-05	March	NO	3000.0049
## 91	4122	4569	2012-03-09	March	NO	4098.0308
## 92	3685	5892	2012-03-18	March	NO	3463.5757
## 93	5537	6871	2012-03-22	March	NO	4151.9042
## 94	4571	5102	2012-03-27	March	NO	3972.9563
## 95	5299	6133	2012-03-29	March	NO	4701.7261
## 96	3934	6235	2012-03-31	March	NO	3315.3067
## 97	5378	6436	2012-04-04	April	NO	5500.2820
## 98	4286	7132	2012-04-15	April	NO	5637.0745
## 99	5950	7290	2012-04-20	April	NO	4704.8623
## 100	5227	6296	2012-05-04	May	NO	5246.4391
## 101	4097	4717	2012-05-09	May	NO	4939.2818
## 102	3946	6118	2012-05-13	May	NO	5759.5337
## 103	3729	4359	2012-05-21	May	NO	5064.3563
## 104	5711	6770	2012-05-24	May	NO	5530.4021
## 105	6102	7665	2012-06-15	June	NO	5652.5722
## 106	4110	5531	2012-07-01	July	NO	6363.5895
## 107	4836	6241	2012-07-05	July	NO	6666.0750
## 108	3392	4840	2012-07-07	July	NO	6858.3586
## 109	6414	7446	2012-07-12	July	NO	5657.3541
## 110	3195	4459	2012-07-21	July	YES	1845.7129
## 111	6278	7261	2012-08-02	August	NO	6119.3559

## 112	3757	5464	2012-08-05	August	NO	5823.9164
## 113	4721	5786	2012-08-10	August	NO	5708.8013
## 114	4052	6299	2012-08-11	August	NO	5002.8074
## 115	6149	7347	2012-08-15	August	NO	5741.0982
## 116	6281	7375	2012-08-22	August	NO	5043.5466
## 117	6520	7697	2012-08-29	August	NO	5669.9978
## 118	3197	5810	2012-09-02	September	NO	5944.8537
## 119	6697	7767	2012-09-11	September	NO	5913.5147
## 120	5554	8714	2012-09-15	September	NO	6279.3181
## 121	6917	8167	2012-09-21	September	NO	5764.7065
## 122	5883	8395	2012-09-22	September	NO	6168.3357
## 123	6693	7538	2012-09-25	September	NO	6079.4492
## 124	6946	7733	2012-09-26	September	NO	5997.7294
## 125	6911	7691	2012-10-10	October	NO	5686.5492
## 126	6222	7282	2012-10-12	October	NO	5728.9464
## 127	6612	7534	2012-10-16	October	NO	5763.2390
## 128	6501	7509	2012-10-18	October	NO	5572.0538
## 129	4671	5424	2012-10-19	October	NO	5562.4525
## 130	4692	6824	2012-10-21	October	NO	5797.8681
## 131	6262	7444	2012-10-26	October	NO	5580.8125
## 132	20	22	2012-10-29	October	YES	2482.0762
## 133	1009	1096	2012-10-30	October	NO	4197.1513
## 134	5172	6269	2012-11-12	November	NO	4834.8086
## 135	3767	4094	2012-11-13	November	NO	4267.6176
## 136	2307	3910	2012-11-23	November	NO	4665.3814
## 137	1745	2277	2012-11-24	November	NO	4567.5865
## 138	2115	2424	2012-11-25	November	NO	4192.4304
## 139	4750	5087	2012-11-26	November	NO	4471.0068
## 140	3836	3959	2012-11-27	November	NO	3602.7539
## 141	5080	5323	2012-11-29	November	NO	4534.9734
## 142	5306	5668	2012-11-30	November	NO	3404.6507
## 143	2787	3228	2012-12-09	December	NO	3428.1977
## 144	4373	4585	2012-12-17	December	NO	3438.1572
## 145	3402	3623	2012-12-21	December	NO	3829.6300
## 146	2290	2729	2012-12-31	December	NO	3360.5501

```
resultsNew <-dfbTest %>%
  mutate(predictedUseNew = predict(fitNew, dfbTest))
```

```
resultsNew
```

##	DATE	HOLIDAY	WEEKDAY	WEATHERSIT	TEMP	ATEMP	HUMIDITY	WINDSPEED
CASUAL								
## 1	2011-01-10	NO	YES	1	2.0	6.0	50.0	15.00
41								
## 2	2011-01-11	NO	YES	2	1.0	3.5	57.0	7.00
43								
## 3	2011-01-13	NO	YES	1	2.0	7.0	48.5	20.00
38								
## 4	2011-01-16	NO	NO	1	2.5	2.0	49.5	15.00

251								
## 5	2011-01-19	NO	YES	2	5.5	2.5	71.5	10.00
78								
## 6	2011-01-20	NO	YES	2	4.0	2.0	56.0	15.00
83								
## 7	2011-01-23	NO	NO	1	4.0	10.0	42.0	15.00
150								
## 8	2011-01-25	NO	YES	2	2.0	4.0	65.0	9.00
186								
## 9	2011-02-13	NO	NO	1	9.5	6.0	36.0	20.00
397								
## 10	2011-02-15	NO	YES	1	4.0	3.5	32.0	17.00
140								
## 11	2011-02-17	NO	YES	1	13.5	13.5	54.5	15.00
259								
## 12	2011-02-21	YES	YES	2	7.0	5.0	66.0	20.00
195								
## 13	2011-02-23	NO	YES	1	3.0	6.0	48.0	6.00
139								
## 14	2011-02-26	NO	NO	1	5.0	3.0	56.0	14.00
424								
## 15	2011-03-12	NO	NO	1	8.5	5.5	63.5	13.00
724								
## 16	2011-03-13	NO	NO	1	9.5	8.5	53.5	20.00
982								
## 17	2011-03-15	NO	YES	2	7.0	5.0	68.0	13.00
289								
## 18	2011-03-16	NO	YES	2	9.0	8.0	82.0	13.00
321								
## 19	2011-03-19	NO	NO	1	14.0	14.0	38.0	25.00
1424								
## 20	2011-04-01	NO	YES	2	7.0	4.0	61.0	17.00
307								
## 21	2011-04-06	NO	YES	1	12.5	12.5	41.0	18.00
413								
## 22	2011-04-09	NO	NO	2	9.0	8.0	87.0	9.00
879								
## 23	2011-04-12	NO	YES	2	16.0	16.0	77.0	19.00
257								
## 24	2011-04-13	NO	YES	2	11.5	11.5	85.0	17.00
209								
## 25	2011-04-16	NO	NO	3	12.0	12.0	88.0	22.00
121								
## 26	2011-04-22	NO	YES	2	8.0	5.0	66.0	15.00
177								
## 27	2011-04-29	NO	YES	1	17.0	17.0	45.0	19.00
878								
## 28	2011-05-01	NO	NO	2	14.0	14.0	77.0	7.00
1138								
## 29	2011-05-02	NO	YES	2	19.5	19.5	73.0	13.00

847							
## 30	2011-05-09	NO	YES	1	17.5	17.5	56.0 13.00
664							
## 31	2011-05-16	NO	YES	1	19.5	19.5	83.0 9.00
773							
## 32	2011-05-21	NO	NO	1	21.5	21.5	62.5 8.00
2258							
## 33	2011-05-24	NO	YES	2	23.5	23.5	74.0 13.00
659							
## 34	2011-06-04	NO	NO	1	23.0	23.0	46.5 7.00
1869							
## 35	2011-06-07	NO	YES	1	27.0	28.5	59.5 12.00
763							
## 36	2011-06-12	NO	NO	1	24.5	25.5	78.0 11.00
1467							
## 37	2011-06-23	NO	YES	2	27.0	29.0	70.0 15.00
746							
## 38	2011-06-26	NO	NO	1	26.0	26.0	52.0 7.00
1920							
## 39	2011-06-30	NO	YES	1	26.0	26.0	42.0 13.00
1027							
## 40	2011-07-01	NO	YES	1	26.0	26.0	42.0 9.00
1246							
## 41	2011-07-02	NO	NO	1	28.0	28.5	47.5 7.00
2204							
## 42	2011-07-06	NO	YES	1	27.0	29.0	74.0 11.00
784							
## 43	2011-07-07	NO	YES	1	28.0	30.5	62.0 11.00
754							
## 44	2011-07-19	NO	YES	1	29.0	33.0	66.0 9.00
752							
## 45	2011-07-21	NO	YES	2	32.0	41.0	71.0 15.00
632							
## 46	2011-07-26	NO	YES	1	29.5	30.5	47.5 15.00
750							
## 47	2011-07-31	NO	NO	1	30.0	32.0	55.0 11.00
1524							
## 48	2011-08-01	NO	YES	1	28.0	29.0	56.5 12.00
729							
## 49	2011-08-05	NO	YES	1	26.0	27.0	65.0 15.00
1023							
## 50	2011-08-08	NO	YES	1	29.0	31.0	56.5 10.00
846							
## 51	2011-08-14	NO	NO	2	24.0	25.0	83.5 14.00
1338							
## 52	2011-08-17	NO	YES	1	27.5	28.0	56.5 11.00
668							
## 53	2011-08-23	NO	YES	1	22.5	22.5	49.5 12.00
1281							
## 54	2011-08-30	NO	YES	1	23.5	23.5	53.5 9.00



775							
## 55	2011-09-03	NO	NO	1	24.0	24.5	70.0 11.00
1935							
## 56	2011-09-11	NO	NO	1	23.0	23.0	73.0 7.00
1633							
## 57	2011-09-13	NO	YES	1	23.0	23.0	76.0 9.00
701							
## 58	2011-09-18	NO	NO	1	17.5	17.5	68.0 13.00
1353							
## 59	2011-09-21	NO	YES	2	21.5	21.5	94.0 6.50
539							
## 60	2011-09-22	NO	YES	2	22.0	23.0	94.0 7.00
555							
## 61	2011-09-30	NO	YES	1	18.0	18.0	57.0 13.00
830							
## 62	2011-10-03	NO	YES	2	11.0	11.0	77.0 7.00
330							
## 63	2011-10-08	NO	NO	1	16.5	16.5	77.0 0.00
2235							
## 64	2011-10-10	YES	YES	1	19.0	19.0	80.5 0.00
1514							
## 65	2011-10-13	NO	YES	2	20.0	20.0	88.0 9.00
290							
## 66	2011-10-17	NO	YES	1	18.0	18.0	55.5 11.00
713							
## 67	2011-10-30	NO	NO	1	6.5	6.0	66.0 14.00
885							
## 68	2011-11-02	NO	YES	1	9.5	8.5	74.0 6.50
370							
## 69	2011-11-03	NO	YES	1	11.0	11.0	76.0 9.00
318							
## 70	2011-11-09	NO	YES	1	11.0	11.0	87.0 0.00
305							
## 71	2011-11-14	NO	YES	1	19.0	19.0	61.5 20.00
595							
## 72	2011-11-23	NO	YES	2	13.0	13.0	66.5 26.00
112							
## 73	2011-11-28	NO	YES	1	17.0	17.0	77.5 9.00
253							
## 74	2011-12-06	NO	YES	3	14.0	14.0	100.0 15.00
126							
## 75	2011-12-19	NO	YES	1	7.0	5.0	59.5 11.00
260							
## 76	2011-12-23	NO	YES	1	10.0	8.0	66.0 17.00
163							
## 77	2011-12-28	NO	YES	1	7.0	3.0	46.0 17.00
255							
## 78	2011-12-30	NO	YES	1	8.0	5.0	66.0 7.00
491							
## 79	2012-01-03	NO	YES	1	2.0	8.0	42.5 24.00

89								
## 80	2012-01-07	NO	NO	1	10.5	9.5	45.0	13.00
1070								
## 81	2012-01-11	NO	YES	2	7.0	5.0	87.0	9.00
92								
## 82	2012-01-16	YES	YES	1	4.0	2.0	54.0	19.50
217								
## 83	2012-01-21	NO	NO	2	1.0	5.0	81.0	17.00
67								
## 84	2012-01-23	NO	YES	2	2.0	1.0	93.0	9.00
145								
## 85	2012-02-07	NO	YES	1	7.5	6.5	47.5	12.00
199								
## 86	2012-02-11	NO	NO	3	2.0	1.0	81.0	17.00
192								
## 87	2012-02-16	NO	YES	2	7.0	6.0	76.0	6.00
74								
## 88	2012-02-20	YES	YES	1	4.0	4.0	48.0	15.00
502								
## 89	2012-02-24	NO	YES	2	11.0	11.0	79.5	12.00
246								
## 90	2012-03-05	NO	YES	1	3.0	1.5	54.5	14.00
203								
## 91	2012-03-09	NO	YES	2	10.0	7.0	34.0	26.00
447								
## 92	2012-03-18	NO	NO	2	14.0	14.0	82.0	9.00
2207								
## 93	2012-03-22	NO	YES	1	19.5	19.5	80.5	6.50
1334								
## 94	2012-03-27	NO	YES	1	7.0	5.0	31.0	13.00
531								
## 95	2012-03-29	NO	YES	1	15.5	15.5	44.0	20.00
834								
## 96	2012-03-31	NO	NO	2	11.0	11.0	76.0	17.00
2301								
## 97	2012-04-04	NO	YES	1	19.0	19.0	46.0	13.00
1058								
## 98	2012-04-15	NO	NO	1	22.5	22.5	51.0	17.00
2846								
## 99	2012-04-20	NO	YES	1	17.5	17.5	70.5	13.00
1340								
## 100	2012-05-04	NO	YES	1	21.5	21.5	78.0	8.00
1069								
## 101	2012-05-09	NO	YES	2	19.0	19.0	80.0	13.00
620								
## 102	2012-05-13	NO	NO	1	22.0	22.0	57.0	14.00
2172								
## 103	2012-05-21	NO	YES	2	21.0	21.0	83.0	17.00
630								
## 104	2012-05-24	NO	YES	1	23.0	23.0	73.0	11.00

1059							
## 105 2012-06-15	NO	YES	1	23.0	23.0	53.0	11.00
1563							
## 106 2012-07-01	NO	NO	1	32.0	33.0	44.0	9.00
1421							
## 107 2012-07-05	NO	YES	1	33.0	36.0	47.5	14.00
1405							
## 108 2012-07-07	NO	NO	1	34.0	38.5	46.5	11.00
1448							
## 109 2012-07-12	NO	YES	1	27.0	27.0	51.0	9.00
1032							
## 110 2012-07-21	NO	NO	3	21.0	21.0	88.0	17.00
1264							
## 111 2012-08-02	NO	YES	1	29.0	32.0	66.0	8.00
983							
## 112 2012-08-05	NO	NO	1	28.0	31.0	70.0	17.00
1707							
## 113 2012-08-10	NO	YES	2	27.0	29.0	70.0	19.00
1065							
## 114 2012-08-11	NO	NO	2	24.0	25.0	78.0	13.00
2247							
## 115 2012-08-15	NO	YES	1	26.0	27.0	61.0	13.00
1198							
## 116 2012-08-22	NO	YES	1	23.0	23.5	74.0	0.00
1094							
## 117 2012-08-29	NO	YES	1	24.5	24.5	54.0	9.00
1177							
## 118 2012-09-02	NO	NO	2	26.0	27.5	84.0	6.00
2613							
## 119 2012-09-11	NO	YES	1	19.5	19.5	57.5	7.00
1070							
## 120 2012-09-15	NO	NO	1	21.0	21.0	46.0	18.00
3160							
## 121 2012-09-21	NO	YES	1	21.0	21.0	69.0	12.00
1250							
## 122 2012-09-22	NO	NO	1	23.0	23.0	58.0	19.00
2512							
## 123 2012-09-25	NO	YES	1	21.0	21.0	57.0	17.00
845							
## 124 2012-09-26	NO	YES	1	22.0	22.0	64.0	17.00
787							
## 125 2012-10-10	NO	YES	1	16.0	17.2	69.6	10.40
780							
## 126 2012-10-12	NO	YES	1	12.9	13.6	54.0	15.68
1060							
## 127 2012-10-16	NO	YES	1	14.4	14.4	55.8	12.00
922							
## 128 2012-10-18	NO	YES	2	16.9	16.9	72.8	15.68
1008							
## 129 2012-10-19	NO	YES	2	19.3	19.2	82.1	9.28

753							
## 130	2012-10-21	NO	NO	1	14.2	14.4	51.1
2132							11.04
## 131	2012-10-26	NO	YES	2	18.2	19.2	81.4
1182							9.28
## 132	2012-10-29	NO	YES	3	10.6	10.6	84.5
2							40.16
## 133	2012-10-30	NO	YES	2	6.3	6.7	85.6
87							21.12
## 134	2012-11-12	YES	YES	1	15.6	15.6	74.3
1097							12.32
## 135	2012-11-13	NO	YES	2	7.8	8.9	69.9
327							22.88
## 136	2012-11-23	NO	YES	1	9.7	9.2	55.9
1603							10.72
## 137	2012-11-24	NO	NO	1	4.6	5.3	41.1
532							24.64
## 138	2012-11-25	NO	NO	1	3.2	3.6	48.8
309							9.76
## 139	2012-11-26	NO	YES	1	6.9	6.7	53.6
337							3.36
## 140	2012-11-27	NO	YES	2	5.5	5.0	80.1
123							16.48
## 141	2012-11-29	NO	YES	1	7.0	5.5	46.5
243							10.00
## 142	2012-11-30	NO	YES	1	2.0	2.0	76.0
362							0.00
## 143	2012-12-09	NO	NO	2	11.0	11.0	88.0
441							9.00
## 144	2012-12-17	NO	YES	2	11.0	11.0	91.0
212							7.00
## 145	2012-12-21	NO	YES	2	7.0	3.0	45.0
221							26.00
## 146	2012-12-31	NO	YES	2	3.0	2.0	59.0
439							11.00

##	REGISTERED	COUNT	date	MONTH	BADWEATHER	predictedUseNew
## 1	1280	1321	2011-01-10	January	NO	2617.481
## 2	1220	1263	2011-01-11	January	NO	2601.610
## 3	1368	1406	2011-01-13	January	NO	2479.354
## 4	953	1204	2011-01-16	January	NO	2168.736
## 5	1572	1650	2011-01-19	January	NO	1865.135
## 6	1844	1927	2011-01-20	January	NO	2029.678
## 7	836	986	2011-01-23	January	NO	3199.486
## 8	1799	1985	2011-01-25	January	NO	2279.387
## 9	1192	1589	2011-02-13	February	NO	3020.779
## 10	1675	1815	2011-02-15	February	NO	3144.106
## 11	2216	2475	2011-02-17	February	NO	3520.500
## 12	912	1107	2011-02-21	February	NO	2026.577
## 13	1778	1917	2011-02-23	February	NO	3502.892
## 14	1545	1969	2011-02-26	February	NO	2423.067

## 15	1408	2132	2011-03-12	March	NO	3185.549
## 16	1435	2417	2011-03-13	March	NO	3404.339
## 17	1767	2056	2011-03-15	March	NO	3061.539
## 18	1871	2192	2011-03-16	March	NO	2906.866
## 19	1693	3117	2011-03-19	March	NO	4160.872
## 20	1920	2227	2011-04-01	April	NO	3496.893
## 21	2395	2808	2011-04-06	April	NO	4922.341
## 22	1576	2455	2011-04-09	April	NO	3440.544
## 23	1777	2034	2011-04-12	April	NO	4051.793
## 24	1953	2162	2011-04-13	April	NO	3464.308
## 25	674	795	2011-04-16	April	YES	1251.900
## 26	1506	1683	2011-04-22	April	NO	3548.637
## 27	3717	4595	2011-04-29	April	NO	5180.556
## 28	2213	3351	2011-05-01	May	NO	4705.315
## 29	3554	4401	2011-05-02	May	NO	5104.821
## 30	3698	4362	2011-05-09	May	NO	5454.730
## 31	3185	3958	2011-05-16	May	NO	5010.978
## 32	3547	5805	2011-05-21	May	NO	5855.050
## 33	3833	4492	2011-05-24	May	NO	5467.291
## 34	3473	5342	2011-06-04	June	NO	6147.118
## 35	4070	4833	2011-06-07	June	NO	6056.400
## 36	2993	4460	2011-06-12	June	NO	5151.715
## 37	4044	4790	2011-06-23	June	NO	5596.685
## 38	3385	5305	2011-06-26	June	NO	6266.065
## 39	4488	5515	2011-06-30	June	NO	6316.056
## 40	4116	5362	2011-07-01	July	NO	6012.516
## 41	2915	5119	2011-07-02	July	NO	6125.981
## 42	3845	4629	2011-07-06	July	NO	5164.382
## 43	3838	4592	2011-07-07	July	NO	5698.666
## 44	3789	4541	2011-07-19	July	NO	5930.597
## 45	3152	3784	2011-07-21	July	NO	6216.871
## 46	3840	4590	2011-07-26	July	NO	5937.366
## 47	2778	4302	2011-07-31	July	NO	6001.817
## 48	3537	4266	2011-08-01	August	NO	6114.918
## 49	3843	4866	2011-08-05	August	NO	5472.921
## 50	3480	4326	2011-08-08	August	NO	6426.280
## 51	2482	3820	2011-08-14	August	NO	4666.902
## 52	4026	4694	2011-08-17	August	NO	6073.269
## 53	4614	5895	2011-08-23	August	NO	5698.929
## 54	4429	5204	2011-08-30	August	NO	5839.879
## 55	2549	4484	2011-09-03	September	NO	6010.208
## 56	3413	5046	2011-09-11	September	NO	5993.701
## 57	4062	4763	2011-09-13	September	NO	5853.278
## 58	2921	4274	2011-09-18	September	NO	5269.902
## 59	3813	4352	2011-09-21	September	NO	5268.390
## 60	4240	4795	2011-09-22	September	NO	5387.880
## 61	4372	5202	2011-09-30	September	NO	5743.511
## 62	3240	3570	2011-10-03	October	NO	5074.232
## 63	3174	5409	2011-10-08	October	NO	5945.819
## 64	3603	5117	2011-10-10	October	NO	6149.995

## 65	2623	2913	2011-10-13	October	NO	5494.089
## 66	3857	4570	2011-10-17	October	NO	6228.921
## 67	2446	3331	2011-10-30	October	NO	4465.713
## 68	3816	4186	2011-11-02	November	NO	4388.269
## 69	3656	3974	2011-11-03	November	NO	4428.011
## 70	3804	4109	2011-11-09	November	NO	4587.056
## 71	3891	4486	2011-11-14	November	NO	5056.922
## 72	2454	2566	2011-11-23	November	NO	3961.885
## 73	3614	3867	2011-11-28	November	NO	4971.715
## 74	2468	2594	2011-12-06	December	YES	1242.135
## 75	3143	3403	2011-12-19	December	NO	3695.840
## 76	2046	2209	2011-12-23	December	NO	3440.502
## 77	2047	2302	2011-12-28	December	NO	3590.988
## 78	2508	2999	2011-12-30	December	NO	3714.664
## 79	2147	2236	2012-01-03	January	NO	2543.100
## 80	3451	4521	2012-01-07	January	NO	3167.613
## 81	2085	2177	2012-01-11	January	NO	1669.860
## 82	2081	2298	2012-01-16	January	NO	1837.489
## 83	1234	1301	2012-01-21	January	NO	1336.698
## 84	2287	2432	2012-01-23	January	NO	1082.057
## 85	4176	4375	2012-02-07	February	NO	3226.225
## 86	1977	2169	2012-02-11	February	YES	-559.984
## 87	2931	3005	2012-02-16	February	NO	2601.556
## 88	2627	3129	2012-02-20	February	NO	2792.421
## 89	3241	3487	2012-02-24	February	NO	2640.120
## 90	3130	3333	2012-03-05	March	NO	3093.768
## 91	4122	4569	2012-03-09	March	NO	3612.144
## 92	3685	5892	2012-03-18	March	NO	3656.739
## 93	5537	6871	2012-03-22	March	NO	4460.401
## 94	4571	5102	2012-03-27	March	NO	4252.589
## 95	5299	6133	2012-03-29	March	NO	4470.985
## 96	3934	6235	2012-03-31	March	NO	3097.762
## 97	5378	6436	2012-04-04	April	NO	5687.790
## 98	4286	7132	2012-04-15	April	NO	5573.922
## 99	5950	7290	2012-04-20	April	NO	4751.124
## 100	5227	6296	2012-05-04	May	NO	5426.277
## 101	4097	4717	2012-05-09	May	NO	4830.155
## 102	3946	6118	2012-05-13	May	NO	5739.337
## 103	3729	4359	2012-05-21	May	NO	4702.850
## 104	5711	6770	2012-05-24	May	NO	5564.180
## 105	6102	7665	2012-06-15	June	NO	5779.997
## 106	4110	5531	2012-07-01	July	NO	6568.609
## 107	4836	6241	2012-07-05	July	NO	6537.039
## 108	3392	4840	2012-07-07	July	NO	6916.759
## 109	6414	7446	2012-07-12	July	NO	5821.466
## 110	3195	4459	2012-07-21	July	YES	1702.210
## 111	6278	7261	2012-08-02	August	NO	6333.166
## 112	3757	5464	2012-08-05	August	NO	5522.417
## 113	4721	5786	2012-08-10	August	NO	5281.236
## 114	4052	6299	2012-08-11	August	NO	4900.965

## 115	6149	7347	2012-08-15	August	NO	5715.715
## 116	6281	7375	2012-08-22	August	NO	5693.114
## 117	6520	7697	2012-08-29	August	NO	5922.449
## 118	3197	5810	2012-09-02	September	NO	6140.613
## 119	6697	7767	2012-09-11	September	NO	6217.507
## 120	5554	8714	2012-09-15	September	NO	6038.344
## 121	6917	8167	2012-09-21	September	NO	5710.235
## 122	5883	8395	2012-09-22	September	NO	5792.372
## 123	6693	7538	2012-09-25	September	NO	5811.444
## 124	6946	7733	2012-09-26	September	NO	5684.775
## 125	6911	7691	2012-10-10	October	NO	5730.312
## 126	6222	7282	2012-10-12	October	NO	5576.248
## 127	6612	7534	2012-10-16	October	NO	5807.054
## 128	6501	7509	2012-10-18	October	NO	5296.660
## 129	4671	5424	2012-10-19	October	NO	5589.117
## 130	4692	6824	2012-10-21	October	NO	5942.905
## 131	6262	7444	2012-10-26	October	NO	5611.651
## 132	20	22	2012-10-29	October	YES	1092.787
## 133	1009	1096	2012-10-30	October	NO	3568.072
## 134	5172	6269	2012-11-12	November	NO	4747.302
## 135	3767	4094	2012-11-13	November	NO	3625.799
## 136	2307	3910	2012-11-23	November	NO	4799.377
## 137	1745	2277	2012-11-24	November	NO	4027.165
## 138	2115	2424	2012-11-25	November	NO	4459.961
## 139	4750	5087	2012-11-26	November	NO	5046.388
## 140	3836	3959	2012-11-27	November	NO	3277.562
## 141	5080	5323	2012-11-29	November	NO	4777.959
## 142	5306	5668	2012-11-30	November	NO	4053.167
## 143	2787	3228	2012-12-09	December	NO	3414.250
## 144	4373	4585	2012-12-17	December	NO	3501.890
## 145	3402	3623	2012-12-21	December	NO	3110.038
## 146	2290	2729	2012-12-31	December	NO	3415.940

```
perform_result <- metric_set(rmse, mae)
perform_result(resultsOrg, truth=COUNT, estimate=predictedUseOrg)
```

```
## # A tibble: 2 x 3
##   .metric .estimator .estimate
##   <chr>   <chr>       <dbl>
## 1 rmse    standard    1386.
## 2 mae     standard    1175.
```

```
perform_result <- metric_set(rmse, mae)
perform_result(resultsNew, truth=COUNT, estimate=predictedUseNew)
```

```
## # A tibble: 2 x 3
##   .metric .estimator .estimate
##   <chr>   <chr>       <dbl>
## 1 rmse    standard    1340.
## 2 mae     standard    1150.
```

## Question 8

```
dfbTrain2 <-
  dfbOrg %>%
  filter(year(date)==2011)

dfbTest2 <-
  dfbOrg %>%
  filter(year(date)==2012)

fitOrg2 <-
  lm(COUNT ~ MONTH+WEEKDAY+ATEMP+HUMIDITY+BADWEATHER, dfbTrain2)

summary(fitOrg2)

##
## Call:
## lm(formula = COUNT ~ MONTH + WEEKDAY + ATEMP + HUMIDITY + BADWEATHER,
##     data = dfbTrain2)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -2934.25  -312.97   31.75   367.72  1998.44
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)   3440.760    231.390   14.870 < 2e-16 ***
## MONTHAugust    595.712    199.516    2.986  0.00303 **
## MONTHDecember   36.819    178.838    0.206  0.83701
## MONTHFebruary -1233.561    186.054   -6.630 1.28e-10 ***
## MONTHJanuary  -1613.793    185.158   -8.716 < 2e-16 ***
## MONTHJuly       514.856    222.028    2.319  0.02098 *
## MONTHJune       938.944    199.487    4.707 3.63e-06 ***
## MONTHMarch     -800.726    178.705   -4.481 1.01e-05 ***
## MONTHMay        969.720    173.973    5.574 4.99e-08 ***
## MONTHNovember   548.346    170.652    3.213  0.00143 **
## MONTHOctober    999.192    166.284    6.009 4.70e-09 ***
## MONTHSeptember  996.268    181.094    5.501 7.30e-08 ***
## WEEKDAYYES      11.717     75.181    0.156  0.87624
## ATEMP           44.087      8.669    5.086 5.99e-07 ***
## HUMIDITY        -12.969      2.503   -5.182 3.72e-07 ***
## BADWEATHERYES -1425.047    186.568   -7.638 2.14e-13 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 645.9 on 349 degrees of freedom
## Multiple R-squared:  0.7896, Adjusted R-squared:  0.7806
## F-statistic: 87.32 on 15 and 349 DF, p-value: < 2.2e-16

resultsOrg2 <-
  dfbTest2 %>%
```



```
mutate(predictedCOUNT = predict(fitOrg2, dfbTest2))
```

```
resultsOrg2
```

##	DATE	HOLIDAY	WEEKDAY	WEATHERSIT	TEMP	ATEMP	HUMIDITY	WINDSPEED
CASUAL								
## 1 686	2012-01-01	NO	NO	1	11.0	11.0	65.0	17.00
## 2 244	2012-01-02	YES	YES	1	4.0	2.0	36.5	21.00
## 3 89	2012-01-03	NO	YES	1	2.0	8.0	42.5	24.00
## 4 95	2012-01-04	NO	YES	2	2.0	7.0	42.5	13.00
## 5 140	2012-01-05	NO	YES	1	3.5	2.0	56.0	6.00
## 6 307	2012-01-06	NO	YES	1	9.0	7.0	50.0	12.00
## 7 1070	2012-01-07	NO	NO	1	10.5	9.5	45.0	13.00
## 8 599	2012-01-08	NO	NO	1	7.0	5.5	49.0	14.00
## 9 106	2012-01-09	NO	YES	2	2.0	1.0	70.0	7.00
## 10 173	2012-01-10	NO	YES	1	4.0	4.0	81.0	11.00
## 11 92	2012-01-11	NO	YES	2	7.0	5.0	87.0	9.00
## 12 269	2012-01-12	NO	YES	2	10.0	7.5	77.0	13.00
## 13 174	2012-01-13	NO	YES	1	4.0	2.0	46.0	24.00
## 14 333	2012-01-14	NO	NO	1	2.0	5.0	47.0	15.00
## 15 284	2012-01-15	NO	NO	1	1.0	5.0	43.0	16.00
## 16 217	2012-01-16	YES	YES	1	4.0	2.0	54.0	19.50
## 17 127	2012-01-17	NO	YES	2	11.5	10.0	74.0	22.00
## 18 109	2012-01-18	NO	YES	1	6.0	2.5	42.0	27.00
## 19 130	2012-01-19	NO	YES	1	3.0	2.0	48.0	17.00
## 20 115	2012-01-20	NO	YES	2	2.0	2.0	38.0	14.00
## 21 67	2012-01-21	NO	NO	2	1.0	5.0	81.0	17.00
## 22 196	2012-01-22	NO	NO	2	1.0	5.0	80.0	13.00

## 23 145	2012-01-23	NO	YES	2	2.0	1.0	93.0	9.00
## 24 439	2012-01-24	NO	YES	1	7.0	6.0	87.0	8.00
## 25 467	2012-01-25	NO	YES	1	5.5	5.0	66.0	11.00
## 26 244	2012-01-26	NO	YES	2	10.0	9.5	79.0	7.00
## 27 269	2012-01-27	NO	YES	2	12.0	12.0	57.0	22.00
## 28 775	2012-01-28	NO	NO	1	6.0	4.0	53.5	14.00
## 29 558	2012-01-29	NO	NO	1	6.0	3.0	28.5	16.00
## 30 126	2012-01-30	NO	YES	1	4.5	3.0	43.0	13.00
## 31 324	2012-01-31	NO	YES	1	12.0	12.0	39.5	18.00
## 32 304	2012-02-01	NO	YES	1	14.0	14.0	52.0	11.00
## 33 190	2012-02-02	NO	YES	2	11.0	11.0	67.0	10.00
## 34 310	2012-02-03	NO	YES	1	6.5	3.5	53.0	12.00
## 35 384	2012-02-04	NO	NO	2	3.0	2.0	81.0	9.00
## 36 318	2012-02-05	NO	NO	2	4.0	1.0	65.0	11.00
## 37 206	2012-02-06	NO	YES	1	6.0	4.0	66.0	9.00
## 38 199	2012-02-07	NO	YES	1	7.5	6.5	47.5	12.00
## 39 109	2012-02-08	NO	YES	2	3.0	1.0	70.0	9.00
## 40 163	2012-02-09	NO	YES	1	5.0	4.0	53.0	15.00
## 41 227	2012-02-10	NO	YES	2	6.0	4.0	56.0	9.00
## 42 192	2012-02-11	NO	NO	3	2.0	1.0	81.0	17.00
## 43 73	2012-02-12	NO	NO	1	2.0	8.0	43.0	26.00
## 44 94	2012-02-13	NO	YES	1	4.0	5.5	46.0	9.00
## 45 135	2012-02-14	NO	YES	2	7.5	6.5	50.0	7.00
## 46 141	2012-02-15	NO	YES	1	8.0	6.0	54.0	11.00
## 47 74	2012-02-16	NO	YES	2	7.0	6.0	76.0	6.00

## 48 349	2012-02-17	NO	YES	1	9.0	6.5	45.5	13.00
## 49 1435	2012-02-18	NO	NO	1	8.5	5.5	44.0	15.00
## 50 618	2012-02-19	NO	NO	2	4.5	2.0	52.0	17.00
## 51 502	2012-02-20	YES	YES	1	4.0	4.0	48.0	15.00
## 52 163	2012-02-21	NO	YES	1	7.0	3.5	65.0	14.00
## 53 394	2012-02-22	NO	YES	1	12.5	12.5	57.0	18.00
## 54 516	2012-02-23	NO	YES	1	13.0	13.0	55.0	13.00
## 55 246	2012-02-24	NO	YES	2	11.0	11.0	79.5	12.00
## 56 317	2012-02-25	NO	NO	1	6.0	2.0	40.0	28.00
## 57 515	2012-02-26	NO	NO	1	4.5	3.0	42.0	15.00
## 58 253	2012-02-27	NO	YES	1	11.0	11.0	45.0	17.00
## 59 229	2012-02-28	NO	YES	1	8.5	7.0	39.5	9.00
## 60 65	2012-02-29	NO	YES	2	9.0	6.0	87.0	9.00
## 61 325	2012-03-01	NO	YES	1	14.0	14.0	50.0	15.00
## 62 246	2012-03-02	NO	YES	2	9.0	7.0	71.0	11.00
## 63 956	2012-03-03	NO	NO	2	11.0	11.0	51.0	11.00
## 64 710	2012-03-04	NO	NO	1	7.0	2.5	42.5	21.00
## 65 203	2012-03-05	NO	YES	1	3.0	1.5	54.5	14.00
## 66 221	2012-03-06	NO	YES	1	5.0	4.0	48.5	15.00
## 67 432	2012-03-07	NO	YES	1	13.0	13.0	57.0	22.00
## 68 486	2012-03-08	NO	YES	1	19.0	19.0	51.0	30.00
## 69 447	2012-03-09	NO	YES	2	10.0	7.0	34.0	26.00
## 70 968	2012-03-10	NO	NO	1	4.0	3.0	41.0	17.00
## 71 1658	2012-03-11	NO	NO	1	10.5	10.0	50.0	15.00
## 72 838	2012-03-12	NO	YES	1	16.5	16.5	50.0	14.00

## 73 762	2012-03-13	NO	YES	1	18.5	18.5	60.0	15.00
## 74 997	2012-03-14	NO	YES	1	19.0	19.0	46.0	7.00
## 75 1005	2012-03-15	NO	YES	1	17.0	17.0	61.5	8.00
## 76 548	2012-03-16	NO	YES	2	13.0	13.0	88.0	6.00
## 77 3155	2012-03-17	NO	NO	2	17.0	17.0	77.0	7.00
## 78 2207	2012-03-18	NO	NO	2	14.0	14.0	82.0	9.00
## 79 982	2012-03-19	NO	YES	1	19.0	19.0	72.5	11.00
## 80 1051	2012-03-20	NO	YES	1	18.0	18.0	83.0	9.00
## 81 1122	2012-03-21	NO	YES	2	17.0	17.0	83.0	6.00
## 82 1334	2012-03-22	NO	YES	1	19.5	19.5	80.5	6.50
## 83 2469	2012-03-23	NO	YES	2	21.0	21.0	69.0	7.00
## 84 1033	2012-03-24	NO	NO	2	16.0	16.0	94.0	13.00
## 85 1532	2012-03-25	NO	NO	2	12.0	12.0	88.0	16.00
## 86 795	2012-03-26	NO	YES	1	13.5	13.5	32.5	30.00
## 87 531	2012-03-27	NO	YES	1	7.0	5.0	31.0	13.00
## 88 674	2012-03-28	NO	YES	1	18.0	18.0	46.0	20.00
## 89 834	2012-03-29	NO	YES	1	15.5	15.5	44.0	20.00
## 90 796	2012-03-30	NO	YES	2	9.5	8.5	57.5	10.00
## 91 2301	2012-03-31	NO	NO	2	11.0	11.0	76.0	17.00
## 92 2347	2012-04-01	NO	NO	2	12.5	12.5	71.5	11.00
## 93 1208	2012-04-02	NO	YES	1	13.0	13.0	44.0	20.00
## 94 1348	2012-04-03	NO	YES	1	15.5	15.5	42.0	6.00
## 95 1058	2012-04-04	NO	YES	1	19.0	19.0	46.0	13.00
## 96 1192	2012-04-05	NO	YES	1	12.0	12.0	38.0	13.00
## 97 1807	2012-04-06	NO	YES	1	11.5	11.5	35.0	21.00

## 98	2012-04-07	NO	NO	1	13.5	13.5	23.5	17.00
3252								
## 99	2012-04-08	NO	NO	1	16.0	16.0	25.5	15.00
2230								
## 100	2012-04-09	NO	YES	1	14.5	14.5	31.0	24.00
905								
## 101	2012-04-10	NO	YES	1	12.5	12.5	37.5	14.00
819								
## 102	2012-04-11	NO	YES	1	8.0	5.0	49.0	20.00
482								
## 103	2012-04-12	NO	YES	1	12.0	12.0	39.5	19.00
663								
## 104	2012-04-13	NO	YES	1	13.0	13.0	39.5	11.00
1252								
## 105	2012-04-14	NO	NO	1	18.0	18.0	52.0	11.00
2795								
## 106	2012-04-15	NO	NO	1	22.5	22.5	51.0	17.00
2846								
## 107	2012-04-16	YES	YES	1	24.5	24.5	55.5	17.00
1198								
## 108	2012-04-17	NO	YES	1	21.0	21.0	32.5	17.00
989								
## 109	2012-04-18	NO	YES	2	14.0	14.0	55.0	13.00
347								
## 110	2012-04-19	NO	YES	1	16.5	16.5	61.0	6.00
846								
## 111	2012-04-20	NO	YES	1	17.5	17.5	70.5	13.00
1340								
## 112	2012-04-21	NO	NO	1	17.0	17.0	77.5	18.00
2541								
## 113	2012-04-22	NO	NO	3	10.0	7.0	82.0	23.00
120								
## 114	2012-04-23	NO	YES	2	7.0	4.0	76.0	22.00
195								
## 115	2012-04-24	NO	YES	1	13.0	13.0	37.0	16.00
518								
## 116	2012-04-25	NO	YES	1	16.5	16.5	46.5	6.00
655								
## 117	2012-04-26	NO	YES	2	16.0	16.0	80.0	12.00
475								
## 118	2012-04-27	NO	YES	1	13.0	13.0	38.0	23.00
1014								
## 119	2012-04-28	NO	NO	2	10.0	8.5	46.5	9.00
1120								
## 120	2012-04-29	NO	NO	1	14.5	14.5	55.0	9.00
2229								
## 121	2012-04-30	NO	YES	2	13.0	13.0	56.0	11.00
665								
## 122	2012-05-01	NO	YES	2	22.5	22.5	65.0	9.00
653								

## 123 2012-05-02 667	NO	YES	1	19.0	19.0	83.0	12.00
## 124 2012-05-03 764	NO	YES	2	20.0	20.0	78.0	9.00
## 125 2012-05-04 1069	NO	YES	1	21.5	21.5	78.0	8.00
## 126 2012-05-05 2496	NO	NO	2	21.0	21.0	78.0	9.00
## 127 2012-05-06 2135	NO	NO	2	18.5	18.5	75.0	11.00
## 128 2012-05-07 1008	NO	YES	2	18.0	18.0	62.0	15.00
## 129 2012-05-08 738	NO	YES	2	21.0	21.0	69.0	19.00
## 130 2012-05-09 620	NO	YES	2	19.0	19.0	80.0	13.00
## 131 2012-05-10 1026	NO	YES	1	16.0	16.0	49.0	23.00
## 132 2012-05-11 1319	NO	YES	1	18.5	18.5	36.0	17.00
## 133 2012-05-12 2622	NO	NO	1	19.5	19.5	49.0	9.00
## 134 2012-05-13 2172	NO	NO	1	22.0	22.0	57.0	14.00
## 135 2012-05-14 342	NO	YES	2	20.0	20.0	83.0	15.00
## 136 2012-05-15 625	NO	YES	2	21.5	21.5	78.0	9.00
## 137 2012-05-16 991	NO	YES	1	23.0	23.0	74.0	9.00
## 138 2012-05-17 1242	NO	YES	1	21.0	21.0	49.0	13.00
## 139 2012-05-18 1521	NO	YES	1	20.0	20.0	47.5	9.00
## 140 2012-05-19 3410	NO	NO	1	21.5	21.0	45.0	6.00
## 141 2012-05-20 2704	NO	NO	1	23.0	23.0	52.0	22.00
## 142 2012-05-21 630	NO	YES	2	21.0	21.0	83.0	17.00
## 143 2012-05-22 819	NO	YES	2	22.0	22.0	78.0	7.00
## 144 2012-05-23 766	NO	YES	2	22.0	22.0	83.0	7.00
## 145 2012-05-24 1059	NO	YES	1	23.0	23.0	73.0	11.00
## 146 2012-05-25 1417	NO	YES	1	24.5	25.5	78.5	9.00
## 147 2012-05-26 2855	NO	NO	1	26.0	27.0	74.0	13.00

## 148 2012-05-27 3283	NO	NO	1	24.0	24.5	74.0	15.00
## 149 2012-05-28 2557	YES	YES	1	27.0	29.0	66.0	11.00
## 150 2012-05-29 880	NO	YES	1	26.0	28.0	70.0	20.00
## 151 2012-05-30 745	NO	YES	2	23.0	24.0	69.0	9.00
## 152 2012-05-31 1100	NO	YES	1	24.0	24.0	47.0	13.00
## 153 2012-06-01 533	NO	YES	2	23.0	23.0	78.0	15.00
## 154 2012-06-02 2795	NO	NO	1	20.0	20.0	49.0	13.00
## 155 2012-06-03 2494	NO	NO	1	22.0	21.0	45.0	12.00
## 156 2012-06-04 1071	NO	YES	1	21.0	21.0	46.5	20.00
## 157 2012-06-05 968	NO	YES	2	18.0	18.0	56.0	13.00
## 158 2012-06-06 1027	NO	YES	1	18.0	18.0	68.0	6.00
## 159 2012-06-07 1038	NO	YES	1	21.0	21.0	49.5	11.00
## 160 2012-06-08 1488	NO	YES	1	24.5	24.5	44.5	11.00
## 161 2012-06-09 2708	NO	NO	1	26.0	26.5	50.5	11.00
## 162 2012-06-10 2224	NO	NO	1	27.0	28.0	58.0	8.00
## 163 2012-06-11 1017	NO	YES	2	27.0	28.0	58.0	13.00
## 164 2012-06-12 477	NO	YES	2	24.0	25.0	88.0	13.00
## 165 2012-06-13 1173	NO	YES	1	23.0	23.0	51.5	26.00
## 166 2012-06-14 1180	NO	YES	1	23.0	23.0	57.0	17.00
## 167 2012-06-15 1563	NO	YES	1	23.0	23.0	53.0	11.00
## 168 2012-06-16 2963	NO	NO	1	22.5	22.5	51.5	12.00
## 169 2012-06-17 2634	NO	NO	1	20.5	20.5	58.5	11.00
## 170 2012-06-18 653	NO	YES	2	19.5	19.5	78.0	12.00
## 171 2012-06-19 968	NO	YES	1	26.0	27.5	74.0	9.00
## 172 2012-06-20 872	NO	YES	1	32.0	33.0	52.0	7.00

## 173 2012-06-21 778	NO	YES	1	31.5	35.0	53.5	8.00
## 174 2012-06-22 964	NO	YES	1	29.0	32.0	58.0	11.00
## 175 2012-06-23 2657	NO	NO	1	28.0	28.0	45.5	13.00
## 176 2012-06-24 2551	NO	NO	1	29.0	29.0	51.0	9.00
## 177 2012-06-25 1139	NO	YES	1	26.0	27.0	45.0	20.00
## 178 2012-06-26 1077	NO	YES	1	22.5	21.5	35.5	24.00
## 179 2012-06-27 1077	NO	YES	1	26.5	26.5	38.0	19.50
## 180 2012-06-28 921	NO	YES	1	28.0	28.0	48.0	11.00
## 181 2012-06-29 829	NO	YES	1	33.0	38.5	52.0	13.00
## 182 2012-06-30 1455	NO	NO	1	30.0	33.0	62.0	10.00
## 183 2012-07-01 1421	NO	NO	1	32.0	33.0	44.0	9.00
## 184 2012-07-02 904	NO	YES	1	29.0	30.0	51.0	13.00
## 185 2012-07-03 1052	NO	YES	1	28.5	30.0	54.5	9.00
## 186 2012-07-04 2562	YES	YES	1	31.5	32.5	51.5	9.00
## 187 2012-07-05 1405	NO	YES	1	33.0	36.0	47.5	14.00
## 188 2012-07-06 1366	NO	YES	1	32.0	33.5	39.5	9.00
## 189 2012-07-07 1448	NO	NO	1	34.0	38.5	46.5	11.00
## 190 2012-07-08 1203	NO	NO	1	31.0	36.0	59.0	7.00
## 191 2012-07-09 998	NO	YES	2	26.0	28.0	65.0	11.00
## 192 2012-07-10 954	NO	YES	2	26.0	27.0	74.0	9.00
## 193 2012-07-11 975	NO	YES	1	27.0	28.0	58.0	10.00
## 194 2012-07-12 1032	NO	YES	1	27.0	27.0	51.0	9.00
## 195 2012-07-13 1511	NO	YES	2	28.0	28.0	48.0	7.00
## 196 2012-07-14 2355	NO	NO	2	26.0	28.0	74.0	7.00
## 197 2012-07-15 1920	NO	NO	1	27.0	30.0	79.0	9.00



## 198 2012-07-16 1088	NO	YES	1	29.0	31.5	64.0	8.00
## 199 2012-07-17 921	NO	YES	1	32.0	34.0	50.5	8.00
## 200 2012-07-18 799	NO	YES	1	29.0	31.0	62.0	9.00
## 201 2012-07-19 888	NO	YES	1	29.0	31.0	58.0	9.00
## 202 2012-07-20 747	NO	YES	2	24.0	25.0	83.5	11.00
## 203 2012-07-21 1264	NO	NO	3	21.0	21.0	88.0	17.00
## 204 2012-07-22 2544	NO	NO	2	24.0	24.0	74.0	7.00
## 205 2012-07-23 1135	NO	YES	1	28.5	31.0	62.0	9.00
## 206 2012-07-24 1140	NO	YES	1	28.0	30.5	64.0	14.00
## 207 2012-07-25 1383	NO	YES	1	27.0	27.0	41.0	11.00
## 208 2012-07-26 1036	NO	YES	1	27.5	30.0	65.5	17.00
## 209 2012-07-27 1259	NO	YES	1	30.0	33.0	59.0	10.00
## 210 2012-07-28 2234	NO	NO	1	28.0	30.0	66.0	11.00
## 211 2012-07-29 2153	NO	NO	1	27.0	28.5	65.5	11.00
## 212 2012-07-30 1040	NO	YES	1	27.0	29.0	70.0	11.00
## 213 2012-07-31 968	NO	YES	1	26.0	27.5	72.0	11.00
## 214 2012-08-01 1074	NO	YES	1	27.0	29.0	70.0	9.00
## 215 2012-08-02 983	NO	YES	1	29.0	32.0	66.0	8.00
## 216 2012-08-03 1328	NO	YES	2	29.0	32.5	66.0	15.00
## 217 2012-08-04 2345	NO	NO	1	30.5	34.5	62.5	17.00
## 218 2012-08-05 1707	NO	NO	1	28.0	31.0	70.0	17.00
## 219 2012-08-06 1233	NO	YES	2	28.0	31.0	70.0	9.00
## 220 2012-08-07 1278	NO	YES	2	27.0	30.0	70.0	9.00
## 221 2012-08-08 1263	NO	YES	2	28.0	30.5	66.0	8.00
## 222 2012-08-09 1196	NO	YES	1	27.0	29.0	58.0	11.00

## 223 2012-08-10 1065	NO	YES	2	27.0	29.0	70.0	19.00
## 224 2012-08-11 2247	NO	NO	2	24.0	25.0	78.0	13.00
## 225 2012-08-12 2182	NO	NO	1	26.0	26.0	51.0	9.00
## 226 2012-08-13 1207	NO	YES	1	27.5	28.5	60.0	7.00
## 227 2012-08-14 1128	NO	YES	1	27.0	29.0	70.0	13.00
## 228 2012-08-15 1198	NO	YES	1	26.0	27.0	61.0	13.00
## 229 2012-08-16 1338	NO	YES	1	27.5	28.0	49.5	11.00
## 230 2012-08-17 1483	NO	YES	1	25.5	26.0	58.0	14.00
## 231 2012-08-18 2827	NO	NO	1	24.0	24.0	61.0	13.00
## 232 2012-08-19 1208	NO	NO	2	23.0	23.0	73.0	7.00
## 233 2012-08-20 1026	NO	YES	2	22.0	22.0	78.0	8.00
## 234 2012-08-21 1081	NO	YES	1	23.0	23.0	74.0	3.00
## 235 2012-08-22 1094	NO	YES	1	23.0	23.5	74.0	0.00
## 236 2012-08-23 1363	NO	YES	1	26.0	27.0	61.0	6.00
## 237 2012-08-24 1325	NO	YES	2	26.0	27.0	61.5	3.00
## 238 2012-08-25 1829	NO	NO	2	24.0	24.0	74.0	18.00
## 239 2012-08-26 1483	NO	NO	2	23.0	24.0	89.0	15.00
## 240 2012-08-27 989	NO	YES	1	27.0	29.0	74.0	9.00
## 241 2012-08-28 935	NO	YES	1	26.5	27.5	56.0	12.00
## 242 2012-08-29 1177	NO	YES	1	24.5	24.5	54.0	9.00
## 243 2012-08-30 1172	NO	YES	1	26.5	27.5	61.5	6.50
## 244 2012-08-31 1433	NO	YES	1	29.0	31.0	62.0	11.00
## 245 2012-09-01 2352	NO	NO	2	29.0	31.0	60.0	8.00
## 246 2012-09-02 2613	NO	NO	2	26.0	27.5	84.0	6.00
## 247 2012-09-03 1965	YES	YES	1	26.0	28.0	83.0	9.00

## 248 2012-09-04 867	NO	YES	1	28.0	31.0	74.0	17.00
## 249 2012-09-05 832	NO	YES	1	27.0	30.0	74.0	13.00
## 250 2012-09-06 611	NO	YES	2	26.0	28.0	84.0	10.00
## 251 2012-09-07 1045	NO	YES	1	26.0	28.0	74.0	9.00
## 252 2012-09-08 1557	NO	NO	2	24.0	25.0	88.0	17.00
## 253 2012-09-09 2570	NO	NO	1	21.5	21.0	50.5	17.00
## 254 2012-09-10 1118	NO	YES	1	21.0	21.0	50.0	19.00
## 255 2012-09-11 1070	NO	YES	1	19.5	19.5	57.5	7.00
## 256 2012-09-12 1050	NO	YES	1	21.0	21.0	62.5	9.00
## 257 2012-09-13 1054	NO	YES	1	21.5	21.5	67.0	6.00
## 258 2012-09-14 1379	NO	YES	1	22.0	22.0	73.0	7.00
## 259 2012-09-15 3160	NO	NO	1	21.0	21.0	46.0	18.00
## 260 2012-09-16 2166	NO	NO	1	20.5	20.5	58.5	7.00
## 261 2012-09-17 1022	NO	YES	2	22.0	22.0	73.0	11.00
## 262 2012-09-18 371	NO	YES	2	22.0	23.0	88.0	21.00
## 263 2012-09-19 788	NO	YES	1	18.0	18.0	59.0	17.00
## 264 2012-09-20 939	NO	YES	1	19.0	19.0	63.5	7.00
## 265 2012-09-21 1250	NO	YES	1	21.0	21.0	69.0	12.00
## 266 2012-09-22 2512	NO	NO	1	23.0	23.0	58.0	19.00
## 267 2012-09-23 2454	NO	NO	1	17.0	17.0	47.5	16.00
## 268 2012-09-24 1001	NO	YES	1	16.5	16.5	52.0	9.00
## 269 2012-09-25 845	NO	YES	1	21.0	21.0	57.0	17.00
## 270 2012-09-26 787	NO	YES	1	22.0	22.0	64.0	17.00
## 271 2012-09-27 751	NO	YES	2	21.0	21.0	78.0	6.00
## 272 2012-09-28 1045	NO	YES	2	21.9	22.5	68.6	10.72

## 273 2012-09-29 2589	NO	NO	1	17.9	18.3	55.6	14.56
## 274 2012-09-30 2015	NO	NO	1	17.3	17.8	57.9	10.40
## 275 2012-10-01 763	NO	YES	2	17.1	16.9	65.1	6.24
## 276 2012-10-02 315	NO	YES	3	20.9	20.3	89.5	7.52
## 277 2012-10-03 728	NO	YES	2	23.3	24.2	83.0	4.64
## 278 2012-10-04 891	NO	YES	2	23.7	23.9	73.3	8.00
## 279 2012-10-05 1516	NO	YES	1	21.8	22.2	62.5	7.36
## 280 2012-10-06 3031	NO	NO	1	18.7	19.2	66.1	17.76
## 281 2012-10-07 781	NO	NO	2	11.6	11.1	73.2	10.08
## 282 2012-10-08 874	YES	YES	2	10.1	9.7	71.8	12.64
## 283 2012-10-09 601	NO	YES	2	12.8	13.3	77.1	12.96
## 284 2012-10-10 780	NO	YES	1	16.0	17.2	69.6	10.40
## 285 2012-10-11 834	NO	YES	1	12.9	13.3	45.6	12.96
## 286 2012-10-12 1060	NO	YES	1	12.9	13.6	54.0	15.68
## 287 2012-10-13 2252	NO	NO	1	10.6	10.6	50.0	10.88
## 288 2012-10-14 2080	NO	NO	1	17.2	17.5	63.6	18.40
## 289 2012-10-15 760	NO	YES	2	19.4	18.1	71.6	18.72
## 290 2012-10-16 922	NO	YES	1	14.4	14.4	55.8	12.00
## 291 2012-10-17 979	NO	YES	1	14.0	14.7	68.3	6.72
## 292 2012-10-18 1008	NO	YES	2	16.9	16.9	72.8	15.68
## 293 2012-10-19 753	NO	YES	2	19.3	19.2	82.1	9.28
## 294 2012-10-20 2806	NO	NO	1	15.3	15.3	57.2	8.80
## 295 2012-10-21 2132	NO	NO	1	14.2	14.4	51.1	11.04
## 296 2012-10-22 830	NO	YES	1	15.6	15.8	55.3	5.92
## 297 2012-10-23 841	NO	YES	1	18.7	18.1	62.9	6.08

## 298 2012-10-24 795	NO	YES	1	20.4	21.7	63.4	4.80
## 299 2012-10-25 875	NO	YES	2	18.2	19.4	81.4	9.28
## 300 2012-10-26 1182	NO	YES	2	18.2	19.2	81.4	9.28
## 301 2012-10-27 2643	NO	NO	2	17.3	18.1	72.2	15.84
## 302 2012-10-28 998	NO	NO	2	14.7	14.4	69.3	26.88
## 303 2012-10-29 2	NO	YES	3	10.6	10.6	84.5	40.16
## 304 2012-10-30 87	NO	YES	2	6.3	6.7	85.6	21.12
## 305 2012-10-31 419	NO	YES	2	8.8	8.9	68.7	10.88
## 306 2012-11-01 466	NO	YES	2	9.3	8.6	57.8	10.24
## 307 2012-11-02 618	NO	YES	1	8.8	8.9	52.2	18.40
## 308 2012-11-03 1029	NO	NO	2	8.2	8.1	50.0	18.24
## 309 2012-11-04 1201	NO	NO	1	7.2	7.5	54.1	12.32
## 310 2012-11-05 378	NO	YES	1	6.8	6.7	49.6	15.52
## 311 2012-11-06 466	NO	YES	1	5.1	5.0	57.3	12.00
## 312 2012-11-07 326	NO	YES	2	5.7	5.6	55.7	20.32
## 313 2012-11-08 340	NO	YES	1	8.4	9.2	34.6	23.84
## 314 2012-11-09 709	NO	YES	1	9.1	8.9	55.8	13.76
## 315 2012-11-10 2090	NO	NO	1	10.5	10.6	64.9	3.84
## 316 2012-11-11 2290	NO	NO	1	12.2	13.6	66.0	8.64
## 317 2012-11-12 1097	YES	YES	1	15.6	15.6	74.3	12.32
## 318 2012-11-13 327	NO	YES	2	7.8	8.9	69.9	22.88
## 319 2012-11-14 373	NO	YES	1	5.4	5.6	56.0	12.96
## 320 2012-11-15 320	NO	YES	2	7.1	6.9	61.9	10.24
## 321 2012-11-16 484	NO	YES	1	8.2	8.9	52.7	11.52
## 322 2012-11-17 1313	NO	NO	1	7.3	7.2	54.9	12.00

## 323 2012-11-18 922	NO	NO	1	8.2	8.3	69.7	15.36
## 324 2012-11-19 449	NO	YES	2	9.9	10.3	62.9	15.04
## 325 2012-11-20 534	NO	YES	2	9.7	10.6	69.2	5.44
## 326 2012-11-21 615	NO	YES	1	8.7	9.2	61.3	7.20
## 327 2012-11-22 955	YES	YES	1	7.9	8.6	58.4	3.52
## 328 2012-11-23 1603	NO	YES	1	9.7	9.2	55.9	10.72
## 329 2012-11-24 532	NO	NO	1	4.6	5.3	41.1	24.64
## 330 2012-11-25 309	NO	NO	1	3.2	3.6	48.8	9.76
## 331 2012-11-26 337	NO	YES	1	6.9	6.7	53.6	3.36
## 332 2012-11-27 123	NO	YES	2	5.5	5.0	80.1	16.48
## 333 2012-11-28 198	NO	YES	1	5.8	6.1	49.8	13.60
## 334 2012-11-29 243	NO	YES	1	7.0	5.5	46.5	10.00
## 335 2012-11-30 362	NO	YES	1	2.0	2.0	76.0	0.00
## 336 2012-12-01 951	NO	NO	2	5.7	5.0	81.9	4.80
## 337 2012-12-02 892	NO	NO	2	12.0	12.0	82.0	9.00
## 338 2012-12-03 555	NO	YES	1	15.5	15.5	72.5	7.00
## 339 2012-12-04 551	NO	YES	1	15.0	15.0	68.0	13.00
## 340 2012-12-05 331	NO	YES	1	13.0	13.0	47.0	19.00
## 341 2012-12-06 340	NO	YES	1	3.0	2.5	52.0	12.00
## 342 2012-12-07 349	NO	YES	2	7.5	5.5	76.0	9.00
## 343 2012-12-08 1153	NO	NO	2	10.0	9.5	94.0	7.00
## 344 2012-12-09 441	NO	NO	2	11.0	11.0	88.0	9.00
## 345 2012-12-10 329	NO	YES	2	13.0	13.0	94.0	15.00
## 346 2012-12-11 282	NO	YES	2	8.0	5.0	60.0	21.00
## 347 2012-12-12 310	NO	YES	2	6.0	3.0	55.0	14.00

## 348	2012-12-13	NO	YES	1	5.0	4.0	53.0	13.00
425								
## 349	2012-12-14	NO	YES	1	5.0	4.0	70.0	7.00
429								
## 350	2012-12-15	NO	NO	1	9.0	7.0	62.0	7.00
767								
## 351	2012-12-16	NO	NO	2	9.0	8.0	87.0	7.00
538								
## 352	2012-12-17	NO	YES	2	11.0	11.0	91.0	7.00
212								
## 353	2012-12-18	NO	YES	1	11.5	11.5	62.0	14.00
433								
## 354	2012-12-19	NO	YES	1	7.0	5.0	62.0	9.00
333								
## 355	2012-12-20	NO	YES	2	8.0	6.0	71.0	11.00
314								
## 356	2012-12-21	NO	YES	2	7.0	3.0	45.0	26.00
221								
## 357	2012-12-22	NO	NO	1	4.0	1.0	45.0	28.00
205								
## 358	2012-12-23	NO	NO	1	3.0	3.0	51.0	9.00
408								
## 359	2012-12-24	NO	YES	2	3.0	1.0	80.0	6.00
174								
## 360	2012-12-25	YES	YES	2	5.5	3.5	73.5	11.00
440								
## 361	2012-12-26	NO	YES	3	2.5	3.0	87.0	22.00
9								
## 362	2012-12-27	NO	YES	2	3.0	1.0	60.0	21.00
247								
## 363	2012-12-28	NO	YES	2	3.0	1.0	60.0	9.00
644								
## 364	2012-12-29	NO	NO	2	3.0	2.0	75.0	6.00
159								
## 365	2012-12-30	NO	NO	1	4.0	1.0	51.0	24.00
364								
## 366	2012-12-31	NO	YES	2	3.0	2.0	59.0	11.00
439								

##	REGISTERED	COUNT	date	MONTH	BADWEATHER	predictedCOUNT
## 1	1608	2294	2012-01-01	January	NO	1468.9378
## 2	1707	1951	2012-01-02	January	NO	1453.4895
## 3	2147	2236	2012-01-03	January	NO	1640.1967
## 4	2273	2368	2012-01-04	January	NO	1596.1099
## 5	3132	3272	2012-01-05	January	NO	1200.5943
## 6	3791	4098	2012-01-06	January	NO	1498.8425
## 7	3451	4521	2012-01-07	January	NO	1662.1873
## 8	2826	3425	2012-01-08	January	NO	1433.9639
## 9	2270	2376	2012-01-09	January	NO	974.9416
## 10	3425	3598	2012-01-10	January	NO	964.5433
## 11	2085	2177	2012-01-11	January	NO	930.8162

## 12	3828	4097	2012-01-12	January	NO	1170.7232
## 13	3040	3214	2012-01-13	January	NO	1330.2842
## 14	2160	2493	2012-01-14	January	NO	1437.8585
## 15	2027	2311	2012-01-15	January	NO	1489.7344
## 16	2081	2298	2012-01-16	January	NO	1226.5323
## 17	2808	2935	2012-01-17	January	NO	1319.8473
## 18	3267	3376	2012-01-18	January	NO	1404.2035
## 19	3162	3292	2012-01-19	January	NO	1304.3462
## 20	3048	3163	2012-01-20	January	NO	1434.0361
## 21	1234	1301	2012-01-21	January	NO	996.9129
## 22	1781	1977	2012-01-22	January	NO	1009.8819
## 23	2287	2432	2012-01-23	January	NO	676.6549
## 24	3900	4339	2012-01-24	January	NO	974.9031
## 25	3803	4270	2012-01-25	January	NO	1203.1650
## 26	3831	4075	2012-01-26	January	NO	1232.9589
## 27	3187	3456	2012-01-27	January	NO	1628.4938
## 28	3248	4023	2012-01-28	January	NO	1309.4732
## 29	2685	3243	2012-01-29	January	NO	1589.6111
## 30	3498	3624	2012-01-30	January	NO	1413.2780
## 31	4185	4509	2012-01-31	January	NO	1855.4511
## 32	4275	4579	2012-02-01	February	NO	2161.7448
## 33	3571	3761	2012-02-02	February	NO	1834.9494
## 34	3841	4151	2012-02-03	February	NO	1685.8639
## 35	2448	2832	2012-02-04	February	NO	1244.8847
## 36	2629	2947	2012-02-05	February	NO	1408.3017
## 37	3578	3784	2012-02-06	February	NO	1539.3105
## 38	4176	4375	2012-02-07	February	NO	1889.4539
## 39	2693	2802	2012-02-08	February	NO	1355.1740
## 40	3667	3830	2012-02-09	February	NO	1707.9073
## 41	3604	3831	2012-02-10	February	NO	1669.0003
## 42	1977	2169	2012-02-11	February	YES	-224.2489
## 43	1456	1529	2012-02-12	February	NO	2002.2274
## 44	3328	3422	2012-02-13	February	NO	1864.8205
## 45	3787	3922	2012-02-14	February	NO	1857.0314
## 46	4028	4169	2012-02-15	February	NO	1783.1120
## 47	2931	3005	2012-02-16	February	NO	1497.7943
## 48	3805	4154	2012-02-17	February	NO	1915.3918
## 49	2883	4318	2012-02-18	February	NO	1879.0412
## 50	2071	2689	2012-02-19	February	NO	1620.9854
## 51	2627	3129	2012-02-20	February	NO	1772.7522
## 52	3614	3777	2012-02-21	February	NO	1530.2360
## 53	4379	4773	2012-02-22	February	NO	2030.7696
## 54	4546	5062	2012-02-23	February	NO	2078.7510
## 55	3241	3487	2012-02-24	February	NO	1672.8371
## 56	2415	2732	2012-02-25	February	NO	1776.6132
## 57	2874	3389	2012-02-26	February	NO	1794.7621
## 58	4069	4322	2012-02-27	February	NO	2120.2672
## 59	4134	4363	2012-02-28	February	NO	2015.2492
## 60	1769	1834	2012-02-29	February	NO	1355.1354
## 61	4665	4990	2012-03-01	March	NO	2620.5175



## 62	2948	3194	2012-03-02	March	NO	2039.5608
## 63	3110	4066	2012-03-03	March	NO	2463.5708
## 64	2713	3423	2012-03-04	March	NO	2199.0689
## 65	3130	3333	2012-03-05	March	NO	2011.0714
## 66	3735	3956	2012-03-06	March	NO	2199.1025
## 67	4484	4916	2012-03-07	March	NO	2485.6478
## 68	4896	5382	2012-03-08	March	NO	2827.9828
## 69	4122	4569	2012-03-09	March	NO	2519.4134
## 70	3150	4118	2012-03-10	March	NO	2240.5658
## 71	3253	4911	2012-03-11	March	NO	2432.4529
## 72	4460	5298	2012-03-12	March	NO	2730.7347
## 73	5085	5847	2012-03-13	March	NO	2689.2185
## 74	5315	6312	2012-03-14	March	NO	2892.8277
## 75	5187	6192	2012-03-15	March	NO	2603.6347
## 76	3830	4378	2012-03-16	March	NO	2083.6091
## 77	4681	7836	2012-03-17	March	NO	2390.8982
## 78	3685	5892	2012-03-18	March	NO	2193.7927
## 79	5171	6153	2012-03-19	March	NO	2549.1496
## 80	5042	6093	2012-03-20	March	NO	2368.8883
## 81	5108	6230	2012-03-21	March	NO	2324.8015
## 82	5537	6871	2012-03-22	March	NO	2467.4411
## 83	5893	8362	2012-03-23	March	NO	2682.7147
## 84	2339	3372	2012-03-24	March	NO	2126.3385
## 85	3464	4996	2012-03-25	March	NO	2027.8050
## 86	4763	5558	2012-03-26	March	NO	2825.4314
## 87	4571	5102	2012-03-27	March	NO	2470.1466
## 88	5024	5698	2012-03-28	March	NO	2848.7409
## 89	5299	6133	2012-03-29	March	NO	2764.4617
## 90	4663	5459	2012-03-30	March	NO	2280.7724
## 91	3934	6235	2012-03-31	March	NO	2139.3461
## 92	3694	6041	2012-04-01	April	NO	3064.5626
## 93	4728	5936	2012-04-02	April	NO	3454.9704
## 94	5424	6772	2012-04-03	April	NO	3591.1255
## 95	5378	6436	2012-04-04	April	NO	3693.5535
## 96	5265	6457	2012-04-05	April	NO	3488.6975
## 97	4653	6460	2012-04-06	April	NO	3505.5610
## 98	3605	6857	2012-04-07	April	NO	3731.1608
## 99	2939	5169	2012-04-08	April	NO	3815.4400
## 100	4680	5585	2012-04-09	April	NO	3689.6975
## 101	5099	5918	2012-04-10	April	NO	3517.2254
## 102	4380	4862	2012-04-11	April	NO	3037.4306
## 103	4746	5409	2012-04-12	April	NO	3469.2440
## 104	5146	6398	2012-04-13	April	NO	3513.3308
## 105	4665	7460	2012-04-14	April	NO	3559.9355
## 106	4286	7132	2012-04-15	April	NO	3771.2953
## 107	5172	6370	2012-04-16	April	NO	3812.8258
## 108	5702	6691	2012-04-17	April	NO	3956.8086
## 109	4020	4367	2012-04-18	April	NO	3356.3984
## 110	5719	6565	2012-04-19	April	NO	3388.8016
## 111	5950	7290	2012-04-20	April	NO	3309.6831

## 112	4083	6624	2012-04-21	April	NO	3185.1395
## 113	907	1027	2012-04-22	April	YES	1260.8637
## 114	3019	3214	2012-04-23	April	NO	2643.1811
## 115	5115	5633	2012-04-24	April	NO	3545.7533
## 116	5541	6196	2012-04-25	April	NO	3576.8519
## 117	4551	5026	2012-04-26	April	NO	3120.3474
## 118	5219	6233	2012-04-27	April	NO	3532.7843
## 119	3100	4220	2012-04-28	April	NO	3212.4399
## 120	4075	6304	2012-04-29	April	NO	3366.7246
## 121	4907	5572	2012-04-30	April	NO	3299.3425
## 122	5087	5740	2012-05-01	May	NO	4571.1668
## 123	5502	6169	2012-05-02	May	NO	4183.4210
## 124	5657	6421	2012-05-03	May	NO	4292.3528
## 125	5227	6296	2012-05-04	May	NO	4358.4831
## 126	4387	6883	2012-05-05	May	NO	4324.7224
## 127	4224	6359	2012-05-06	May	NO	4253.4123
## 128	5265	6273	2012-05-07	May	NO	4411.6829
## 129	4990	5728	2012-05-08	May	NO	4453.1606
## 130	4097	4717	2012-05-09	May	NO	4222.3280
## 131	5546	6572	2012-05-10	May	NO	4492.1061
## 132	5711	7030	2012-05-11	May	NO	4770.9200
## 133	4807	7429	2012-05-12	May	NO	4634.6928
## 134	3946	6118	2012-05-13	May	NO	4641.1580
## 135	2501	2843	2012-05-14	May	NO	4227.5079
## 136	4490	5115	2012-05-15	May	NO	4358.4831
## 137	6433	7424	2012-05-16	May	NO	4476.4893
## 138	6142	7384	2012-05-17	May	NO	4712.5403
## 139	6118	7639	2012-05-18	May	NO	4687.9069
## 140	4884	8294	2012-05-19	May	NO	4752.6990
## 141	4425	7129	2012-05-20	May	NO	4750.0898
## 142	3729	4359	2012-05-21	May	NO	4271.5947
## 143	5254	6073	2012-05-22	May	NO	4380.5265
## 144	4494	5260	2012-05-23	May	NO	4315.6816
## 145	5711	6770	2012-05-24	May	NO	4489.4583
## 146	5317	6734	2012-05-25	May	NO	4528.3460
## 147	3681	6536	2012-05-26	May	NO	4641.1195
## 148	3308	6591	2012-05-27	May	NO	4530.9024
## 149	3486	6043	2012-05-28	May	NO	4844.7623
## 150	4863	5743	2012-05-29	May	NO	4748.7995
## 151	6110	6855	2012-05-30	May	NO	4585.4211
## 152	6238	7338	2012-05-31	May	NO	4870.7389
## 153	3594	4127	2012-06-01	June	NO	4393.8370
## 154	5325	8120	2012-06-02	June	NO	4625.9598
## 155	5147	7641	2012-06-03	June	NO	4721.9226
## 156	5927	6998	2012-06-04	June	NO	4714.1864
## 157	6033	7001	2012-06-05	June	NO	4458.7204
## 158	6028	7055	2012-06-06	June	NO	4303.0926
## 159	6456	7494	2012-06-07	June	NO	4675.2794
## 160	6248	7736	2012-06-08	June	NO	4894.4283
## 161	4790	7498	2012-06-09	June	NO	4893.0709

## 162	4374	6598	2012-06-10	June	NO	4861.9337
## 163	5647	6664	2012-06-11	June	NO	4873.6510
## 164	4495	4972	2012-06-12	June	NO	4352.3208
## 165	6248	7421	2012-06-13	June	NO	4737.5151
## 166	6183	7363	2012-06-14	June	NO	4666.1857
## 167	6102	7665	2012-06-15	June	NO	4718.0617
## 168	4739	7702	2012-06-16	June	NO	4703.7545
## 169	4344	6978	2012-06-17	June	NO	4524.7979
## 170	4446	5099	2012-06-18	June	NO	4239.5330
## 171	5857	6825	2012-06-19	June	NO	4644.1037
## 172	5339	6211	2012-06-20	June	NO	5171.8992
## 173	5127	5905	2012-06-21	June	NO	5240.6194
## 174	4859	5823	2012-06-22	June	NO	5049.9984
## 175	4801	7458	2012-06-23	June	NO	5024.0461
## 176	4340	6891	2012-06-24	June	NO	4996.8035
## 177	5640	6779	2012-06-25	June	NO	4998.1610
## 178	6365	7442	2012-06-26	June	NO	4878.8887
## 179	6258	7335	2012-06-27	June	NO	5066.9005
## 180	5958	6879	2012-06-28	June	NO	5003.3409
## 181	4634	5463	2012-06-29	June	NO	5414.3768
## 182	4232	5687	2012-06-30	June	NO	5030.4920
## 183	4110	5531	2012-07-01	July	NO	4839.8461
## 184	5323	6227	2012-07-02	July	NO	4628.5199
## 185	5608	6660	2012-07-03	July	NO	4583.1284
## 186	4841	7403	2012-07-04	July	NO	4732.2525
## 187	4836	6241	2012-07-05	July	NO	4938.4325
## 188	4841	6207	2012-07-06	July	NO	4931.9673
## 189	3392	4840	2012-07-07	July	NO	5049.9014
## 190	3469	4672	2012-07-08	July	NO	4777.5719
## 191	5571	6569	2012-07-09	July	NO	4358.7804
## 192	5336	6290	2012-07-10	July	NO	4197.9726
## 193	6289	7264	2012-07-11	July	NO	4449.5633
## 194	6414	7446	2012-07-12	July	NO	4496.2594
## 195	5988	7499	2012-07-13	July	NO	4579.2532
## 196	4614	6969	2012-07-14	July	NO	4230.3422
## 197	4111	6031	2012-07-15	July	NO	4253.6710
## 198	5742	6830	2012-07-16	July	NO	4526.0533
## 199	5865	6786	2012-07-17	July	NO	4811.3518
## 200	4914	5713	2012-07-18	July	NO	4529.9479
## 201	5703	6591	2012-07-19	July	NO	4581.8238
## 202	5123	5870	2012-07-20	July	NO	3986.5935
## 203	3195	4459	2012-07-21	July	YES	2315.1217
## 204	4866	7410	2012-07-22	July	NO	4053.9948
## 205	5831	6966	2012-07-23	July	NO	4529.9479
## 206	6452	7592	2012-07-24	July	NO	4481.9665
## 207	6790	8173	2012-07-25	July	NO	4625.9492
## 208	5825	6861	2012-07-26	July	NO	4440.4696
## 209	5645	6904	2012-07-27	July	NO	4657.0286
## 210	4451	6685	2012-07-28	July	NO	4422.2678
## 211	4444	6597	2012-07-29	July	NO	4362.6221

## 212	6065	7105	2012-07-30	July	NO	4338.0223
## 213	6248	7216	2012-07-31	July	NO	4245.9540
## 214	6506	7580	2012-08-01	August	NO	4418.8786
## 215	6278	7261	2012-08-02	August	NO	4603.0151
## 216	5847	7175	2012-08-03	August	NO	4625.0585
## 217	4479	6824	2012-08-04	August	NO	4746.9065
## 218	3757	5464	2012-08-05	August	NO	4495.3351
## 219	5780	7013	2012-08-06	August	NO	4507.0523
## 220	5995	7273	2012-08-07	August	NO	4462.9655
## 221	6271	7534	2012-08-08	August	NO	4536.8848
## 222	6090	7286	2012-08-09	August	NO	4574.5065
## 223	4721	5786	2012-08-10	August	NO	4418.8786
## 224	4052	6299	2012-08-11	August	NO	4127.0621
## 225	4362	6544	2012-08-12	August	NO	4521.3116
## 226	5676	6883	2012-08-13	August	NO	4526.5251
## 227	5656	6784	2012-08-14	August	NO	4418.8786
## 228	6149	7347	2012-08-15	August	NO	4447.4258
## 229	6267	7605	2012-08-16	August	NO	4640.6560
## 230	5665	7148	2012-08-17	August	NO	4442.2459
## 231	5038	7865	2012-08-18	August	NO	4303.4480
## 232	3341	4549	2012-08-19	August	NO	4103.7333
## 233	5504	6530	2012-08-20	August	NO	4006.5187
## 234	5925	7006	2012-08-21	August	NO	4102.4815
## 235	6281	7375	2012-08-22	August	NO	4124.5250
## 236	6402	7765	2012-08-23	August	NO	4447.4258
## 237	6257	7582	2012-08-24	August	NO	4440.9413
## 238	4224	6053	2012-08-25	August	NO	4134.8512
## 239	3772	5255	2012-08-26	August	NO	3940.3163
## 240	5928	6917	2012-08-27	August	NO	4367.0027
## 241	6105	7040	2012-08-28	August	NO	4534.3142
## 242	6520	7697	2012-08-29	August	NO	4427.9916
## 243	6541	7713	2012-08-30	August	NO	4462.9847
## 244	5917	7350	2012-08-31	August	NO	4610.8042
## 245	3788	6140	2012-09-01	September	NO	5025.5804
## 246	3197	5810	2012-09-02	September	NO	4560.0207
## 247	4069	6034	2012-09-03	September	NO	4606.7504
## 248	5997	6864	2012-09-04	September	NO	4855.7318
## 249	6280	7112	2012-09-05	September	NO	4811.6450
## 250	5592	6203	2012-09-06	September	NO	4593.7814
## 251	6459	7504	2012-09-07	September	NO	4723.4713
## 252	4419	5976	2012-09-08	September	NO	4397.9277
## 253	5657	8227	2012-09-09	September	NO	4707.9173
## 254	6407	7525	2012-09-10	September	NO	4726.1190
## 255	6697	7767	2012-09-11	September	NO	4562.7213
## 256	6820	7870	2012-09-12	September	NO	4564.0067
## 257	6750	7804	2012-09-13	September	NO	4527.6897
## 258	6630	8009	2012-09-14	September	NO	4471.9192
## 259	5554	8714	2012-09-15	September	NO	4766.2777
## 260	5167	7333	2012-09-16	September	NO	4582.1220
## 261	5847	6869	2012-09-17	September	NO	4471.9192

## 262	3702	4073	2012-09-18	September	NO	4321.4712
## 263	6803	7591	2012-09-19	September	NO	4477.1376
## 264	6781	7720	2012-09-20	September	NO	4462.8640
## 265	6917	8167	2012-09-21	September	NO	4479.7083
## 266	5883	8395	2012-09-22	September	NO	4698.8236
## 267	5453	7907	2012-09-23	September	NO	4570.4768
## 268	6435	7436	2012-09-24	September	NO	4501.7902
## 269	6693	7538	2012-09-25	September	NO	4635.3361
## 270	6946	7733	2012-09-26	September	NO	4588.6400
## 271	6642	7393	2012-09-27	September	NO	4362.9874
## 272	6370	7415	2012-09-28	September	NO	4551.0261
## 273	5966	8555	2012-09-29	September	NO	4522.7410
## 274	4874	6889	2012-09-30	September	NO	4470.8689
## 275	6015	6778	2012-10-01	October	NO	4352.4556
## 276	4324	4639	2012-10-02	October	YES	2760.8608
## 277	6844	7572	2012-10-03	October	NO	4442.1448
## 278	6437	7328	2012-10-04	October	NO	4554.7179
## 279	6640	8156	2012-10-05	October	NO	4619.8353
## 280	4934	7965	2012-10-06	October	NO	4429.1692
## 281	2729	3510	2012-10-07	October	NO	3979.9858
## 282	4604	5478	2012-10-08	October	NO	3948.1381
## 283	5791	6392	2012-10-09	October	NO	4038.1151
## 284	6911	7691	2012-10-10	October	NO	4307.3212
## 285	6736	7570	2012-10-11	October	NO	4446.6382
## 286	6222	7282	2012-10-12	October	NO	4350.9248
## 287	4857	7109	2012-10-13	October	NO	4258.8229
## 288	4559	6639	2012-10-14	October	NO	4386.6440
## 289	5115	5875	2012-10-15	October	NO	4321.0614
## 290	6612	7534	2012-10-16	October	NO	4362.8501
## 291	6482	7461	2012-10-17	October	NO	4213.9638
## 292	6501	7509	2012-10-18	October	NO	4252.5944
## 293	4671	5424	2012-10-19	October	NO	4233.3826
## 294	5284	8090	2012-10-20	October	NO	4372.6544
## 295	4692	6824	2012-10-21	October	NO	4412.0871
## 296	6228	7058	2012-10-22	October	NO	4431.0562
## 297	6625	7466	2012-10-23	October	NO	4433.8916
## 298	6898	7693	2012-10-24	October	NO	4586.1198
## 299	6484	7359	2012-10-25	October	NO	4251.2782
## 300	6262	7444	2012-10-26	October	NO	4242.4609
## 301	5209	7852	2012-10-27	October	NO	4301.5628
## 302	3461	4459	2012-10-28	October	NO	4176.0515
## 303	20	22	2012-10-29	October	YES	2398.0633
## 304	1009	1096	2012-10-30	October	NO	3636.9055
## 305	5147	5566	2012-10-31	October	NO	3953.0725
## 306	5520	5986	2012-11-01	November	NO	3630.3625
## 307	5229	5847	2012-11-02	November	NO	3716.2148
## 308	4109	5138	2012-11-03	November	NO	3697.7599
## 309	3906	5107	2012-11-04	November	NO	3618.1349
## 310	4881	5259	2012-11-05	November	NO	3652.9431
## 311	5220	5686	2012-11-06	November	NO	3478.1343

## 312	4709	5035	2012-11-07	November	NO	3525.3368
## 313	4975	5315	2012-11-08	November	NO	3957.6951
## 314	5283	5992	2012-11-09	November	NO	3669.5265
## 315	4446	6536	2012-11-10	November	NO	3614.7391
## 316	4562	6852	2012-11-11	November	NO	3732.7338
## 317	5172	6269	2012-11-12	November	NO	3724.9821
## 318	3767	4094	2012-11-13	November	NO	3486.6638
## 319	5122	5495	2012-11-14	November	NO	3521.4461
## 320	5125	5445	2012-11-15	November	NO	3502.2420
## 321	5214	5698	2012-11-16	November	NO	3709.7304
## 322	4316	5629	2012-11-17	November	NO	3594.5337
## 323	3747	4669	2012-11-18	November	NO	3451.0882
## 324	5050	5499	2012-11-19	November	NO	3639.1683
## 325	5100	5634	2012-11-20	November	NO	3570.6897
## 326	4531	5146	2012-11-21	November	NO	3611.4231
## 327	1470	2425	2012-11-22	November	NO	3622.5811
## 328	2307	3910	2012-11-23	November	NO	3681.4556
## 329	1745	2277	2012-11-24	November	NO	3689.7407
## 330	2115	2424	2012-11-25	November	NO	3514.9319
## 331	4750	5087	2012-11-26	November	NO	3601.0672
## 332	3836	3959	2012-11-27	November	NO	3182.4414
## 333	5062	5260	2012-11-28	November	NO	3623.8972
## 334	5080	5323	2012-11-29	November	NO	3640.2428
## 335	5306	5668	2012-11-30	November	NO	3103.3537
## 336	4240	5191	2012-12-01	December	NO	2635.8524
## 337	3757	4649	2012-12-02	December	NO	2943.1635
## 338	5679	6234	2012-12-03	December	NO	3232.3901
## 339	6055	6606	2012-12-04	December	NO	3268.7071
## 340	5398	5729	2012-12-05	December	NO	3452.8822
## 341	5035	5375	2012-12-06	December	NO	2925.1253
## 342	4659	5008	2012-12-07	December	NO	2746.1301
## 343	4429	5582	2012-12-08	December	NO	2677.3185
## 344	2787	3228	2012-12-09	December	NO	2821.2627
## 345	4841	5170	2012-12-10	December	NO	2843.3397
## 346	5219	5501	2012-12-11	December	NO	2931.5905
## 347	5009	5319	2012-12-12	December	NO	2908.2617
## 348	5107	5532	2012-12-13	December	NO	2978.2866
## 349	5182	5611	2012-12-14	December	NO	2757.8138
## 350	4280	5047	2012-12-15	December	NO	2982.1090
## 351	3248	3786	2012-12-16	December	NO	2701.9711
## 352	4373	4585	2012-12-17	December	NO	2794.0730
## 353	5124	5557	2012-12-18	December	NO	3192.2171
## 354	4934	5267	2012-12-19	December	NO	2905.6525
## 355	3814	4128	2012-12-20	December	NO	2833.0185
## 356	3402	3623	2012-12-21	December	NO	3037.9516
## 357	1544	1749	2012-12-22	December	NO	2938.0607
## 358	1379	1787	2012-12-23	December	NO	2948.4205
## 359	746	920	2012-12-24	December	NO	2495.8633
## 360	573	1013	2012-12-25	December	NO	2690.3789
## 361	432	441	2012-12-26	December	YES	1068.2073

```
## 362      1867  2114 2012-12-27 December      NO      2755.2431
## 363      2451  3095 2012-12-28 December      NO      2755.2431
## 364      1182  1341 2012-12-29 December      NO      2593.0779
## 365      1432  1796 2012-12-30 December      NO      2860.2468
## 366      2290  2729 2012-12-31 December      NO      2812.2989
```

```
performance <-
  metric_set(rmse, mae)
```

```
performance(resultsOrg2, truth=COUNT, estimate=predictedCOUNT)
```

```
## # A tibble: 2 x 3
##   .metric .estimator .estimate
##   <chr>   <chr>       <dbl>
## 1 rmse    standard      2388.
## 2 mae     standard      2200.
```