

Prediction Based on Betting Markets

Earlier in the chapter, we studied the prediction of election outcomes using polls. Here, we study the prediction of election outcomes based on betting markets. In particular, we analyze data for the 2008 and 2012 US presidential elections from the online betting company, called Intrade. At Intrade, people trade contracts such as ‘Obama to win the electoral votes of Florida.’ Each contract’s market price fluctuates based on its sales. Why might we expect betting markets like Intrade to accurately predict the outcomes of elections or of other events? Some argue that the market can aggregate available information efficiently. In this exercise, we will test this *efficient market hypothesis* by analyzing the market prices of contracts for Democratic and Republican nominees’ victories in each state.

```
trade_2008 <- read.csv("intrade08.csv")
trade_2012 <- read.csv("intrade12.csv")

polls_2008 <- read.csv("polls08.csv")
polls_2012 <- read.csv("polls12.csv")

election_2008 <- read.csv("pres08.csv")
election_2012 <- read.csv("pres12.csv")
```

The data files for 2008 and 2012 are available in CSV format as `intrade08.csv` and `intrade12.csv`, respectively. The variables in these datasets are:

Name	Description
<code>day</code>	Date of the session
<code>statename</code>	Full name of each state (including District of Columbia in 2008)
<code>state</code>	Abbreviation of each state (including District of Columbia in 2008)
<code>PriceD</code>	Closing price (predicted vote share) of Democratic Nominee’s market
<code>PriceR</code>	Closing price (predicted vote share) of Republican Nominee’s market
<code>VolumeD</code>	Total session trades of Democratic Party Nominee’s market
<code>VolumeR m</code>	Total session trades of Republican Party Nominee’s arket

Each row represents daily trading information about the contracts for either the Democratic or Republican Party nominee’s victory in a particular state.

We will also use the election outcome data. These data files are `pres08.csv` and `pres12.csv` with variables:

Name	Description
<code>state.name</code>	Full name of state (only in <code>pres2008</code>)
<code>state</code>	Two letter state abbreviation
<code>Obama</code>	Vote percentage for Obama
<code>McCain</code>	Vote percentage for McCain
<code>EV</code>	Number of electoral college votes for this state

We’ll also use poll data from 2008 and 2012 in the files `polls08.csv` and `polls12.csv`, The variables in the

polling data are:

Name	Description
state	Abbreviated name of state in which poll was conducted
Obama	Predicted support for Obama (percentage)
Romney	Predicted support for Romney (percentage)
Pollster	Name of organization conducting poll
middate	Middle of the period when poll was conducted

Question 1

We will begin by using the market prices on the day before the election to predict the 2008 election outcome. To do this, subset the data such that it contains the market information for each state and candidate only on the day before the election. Note that in 2008 the election day was November 4. We compare the closing prices for the two candidates in a given state and classify a candidate whose contract has a higher price as the predicted winner of that state. Which states were misclassified? How does this compare to the classification by polls presented earlier in this chapter? Repeat the same analysis for the 2012 election, which was held on November 6. How well did the prediction market do in 2012 compared to 2008? Note that in 2012 some less competitive states have missing data on the day before the election because there were no trades on the Republican and Democratic betting markets. Assume Intrade predictions would have been accurate for these states.

Answer 1

```
year_2008 <- merge(trade_2008, election_2008, by = "state")
year_2012 <- merge(trade_2012, election_2012, by = "state")

day_before_2008 <- subset(year_2008,
                           subset = (day == "2008-11-03"))

day_before_2012 <- subset(year_2012,
                           subset = (day == "2012-11-05"))

for (i in 1:51) {
  if (day_before_2008$PriceD[i] - day_before_2008$PriceR[i] >= 0) {
    #cat("Price D is: ", day_before_2008$PriceD[i], "\n")
    day_before_2008$priceprediction[i] <- "Obama"
  } else {
    #cat("Price D is: ", day_before_2008$PriceD[i], "\n")
    day_before_2008$priceprediction[i] <- "McCain"
  }
}

for (i in 1:51) {
  if (day_before_2008$Obama[i] >= day_before_2008$McCain[i]) {
    day_before_2008$pollprediction[i] <- "Obama"
  } else {
    day_before_2008$pollprediction[i] <- "McCain"
  }
}
```

```

}

for (i in 1:51) {
  if (day_before_2008$pollprediction[i] == day_before_2008$priceprediction[i]) {
    day_before_2008$is_accurate[i] <- 1
  } else {
    day_before_2008$is_accurate[i] <- 0
  }
}

for (i in 1:51) {
  if (day_before_2008$is_accurate[i] == 0)
    cat("In 2008", day_before_2008$statename[i], "was incorrect", "\n")
}

```

```

## In 2008 Indiana was incorrect
## In 2008 Missouri was incorrect

```

Question 2

How do the predictions based on the betting markets change over time? Implement the same classification procedure as above on each of the last 90 days of the 2008 campaign rather than just the day before the election. Plot the predicted number of electoral votes for the Democratic party nominee over this 90-day period. The resulting plot should also indicate the actual election result. Note that in 2008, Obama won 365 electoral votes. Briefly comment on the plot.

Answer 2

```

## Create Days To Election Variable for 2008; notice the last date is november 4.
year_2008 $DaysToElection <- as.Date("2008-11-04") - as.Date(year_2008 $day)

## to find the difference in market prices and identify candidate with higher price
year_2008 $obama.intmarg <- year_2008 $PriceD - year_2008 $PriceR

## You also need to calculate actual result
year_2008 $obama.actmarg <- year_2008 $Obama - year_2008 $McCain

## Now you can subset last day before election
latest08 <- year_2008[year_2008 $DaysToElection == 1,]

## I also mentioned the classification in lecture to Identify states misclassified states
latest08$state[sign(latest08$obama.intmarg) != sign(latest08$obama.actmarg)]

```

```

## [1] "IN" "MO"

```

```

## So like in lecture, you can start with an empty vector to store predictions
Obama.dailypredEV08 <- rep(NA, 90)

for (i in 1:90) {

```

```

## Subset by i days to the election

daily.data <- subset(year_2008, subset = (DaysToElection == i))

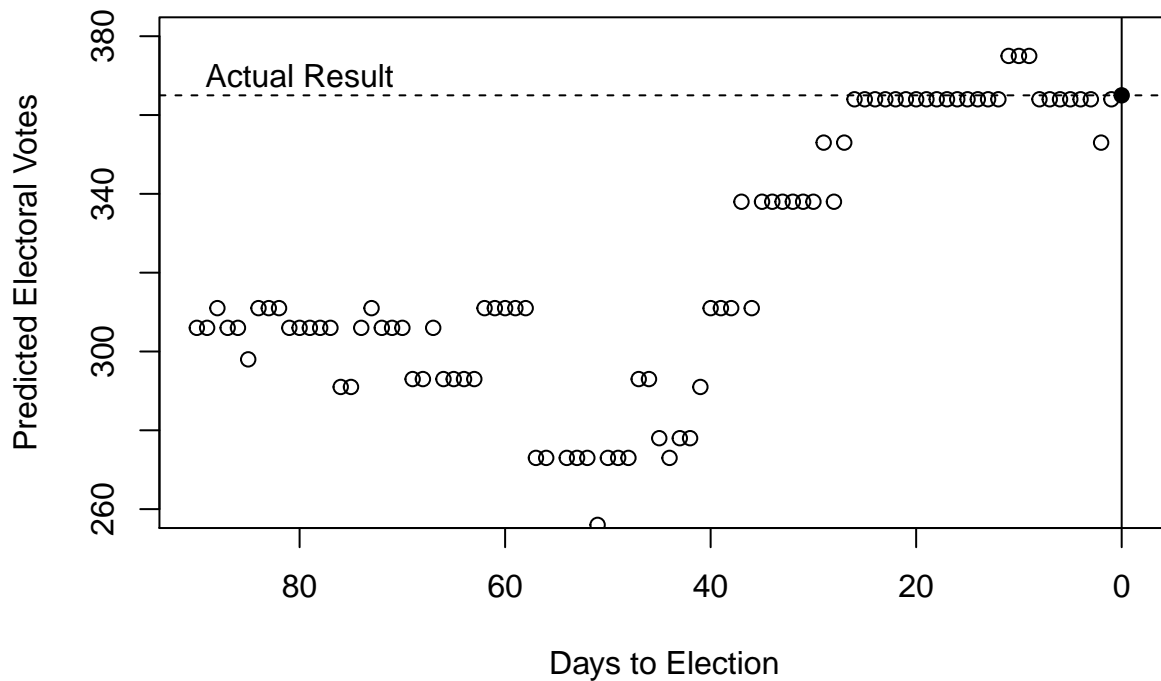
## Sum Obama's EV for states with positive price margins

Obama.dailypredEV08[i] <- sum(daily.data$EV[daily.data$obama.intmarg > 0])
}

## Plot Predicted Electoral Votes from Intrade
plot(1:90, Obama.dailypredEV08,
     main = "Daily Predicted Obama Electoral Votes",
     xlab = "Days to Election", ylab = "Predicted Electoral Votes",
     xlim = c(90, -1), ylim = c(260, 380))
points(0, 365, pch = 19)
abline(v = 0)
abline(h = 365, lty = "dashed")
text(80, 370, "Actual Result")

```

Daily Predicted Obama Electoral Votes



```

#"2008-08-06"
last90_2008 <- subset(year_2008,
                      subset = (day >= as.Date("2008-08-06") & day <= as.Date("2008-11-04")))
last90_2008$Obamawin <- ifelse((last90_2008$Obama) > (last90_2008$McCain), 1, 0)

```

```
Obama_win <- subset(last90_2008,
                    subset = (Obamawin == 1))
```

```
unique_days <- unique(last90_2008$day)
```

```
unique_days.df <- data.frame(unique(last90_2008$day))
```

```
names(unique_days.df)[1] <- "Days"
```

```
for (i in unique_days.df) {
  cat(i, "\n")
  #temp <-
  #running_total <-
}
```

```
## 2008-09-08 2008-10-21 2008-08-06 2008-08-18 2008-09-30 2008-10-01 2008-09-09 2008-10-22 2008-08-07 2008-08-18
```

```
test_df <- Obama_win[Obama_win$day == "2008-10-08",]
```

```
(test_df)
```

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR
## 3375	CA	2008-10-08	California	95.5	0	4.5	23
## 3740	CO	2008-10-08	Colorado	70.0	171	30.0	48
## 4834	CT	2008-10-08	Connecticut	96.0	0	4.0	7
## 5692	DC	2008-10-08	District of Columbia	97.0	0	3.0	0
## 6165	DE	2008-10-08	Delaware	95.5	0	4.5	0
## 6885	FL	2008-10-08	Florida	65.0	72	35.0	226
## 7972	HI	2008-10-08	Hawaii	97.7	0	2.3	0
## 9103	IA	2008-10-08	Iowa	85.0	26	15.0	58
## 10660	IL	2008-10-08	Illinois	96.0	59	4.0	0
## 11147	IN	2008-10-08	Indiana	45.0	495	55.0	32
## 13884	MA	2008-10-08	Massachusetts	96.5	0	3.5	0
## 14925	MD	2008-10-08	Maryland	96.0	5	4.0	0
## 15237	ME	2008-10-08	Maine	91.3	0	8.7	0
## 16264	MI	2008-10-08	Michigan	90.0	33	10.0	2
## 16993	MN	2008-10-08	Minnesota	82.0	14	18.0	55
## 19628	NC	2008-10-08	North Carolina	52.0	169	48.0	274
## 21853	NH	2008-10-08	New Hampshire	75.0	160	25.0	196
## 22473	NJ	2008-10-08	New Jersey	92.5	32	7.5	22
## 23230	NM	2008-10-08	New Mexico	79.0	5	21.0	8
## 24380	NV	2008-10-08	Nevada	69.0	42	31.0	8
## 24621	NY	2008-10-08	New York	96.5	0	3.5	0
## 25426	OH	2008-10-08	Ohio	70.0	73	30.0	42
## 27090	OR	2008-10-08	Oregon	92.6	1	7.4	2
## 27941	PA	2008-10-08	Pennsylvania	82.0	54	18.0	74
## 28547	RI	2008-10-08	Rhode Island	95.0	0	5.0	0
## 32815	VA	2008-10-08	Virginia	68.0	254	32.0	34
## 33449	VT	2008-10-08	Vermont	95.0	0	5.0	0
## 34594	WA	2008-10-08	Washington	94.8	1	5.2	5
## 35372	WI	2008-10-08	Wisconsin	82.0	16	18.0	18
##	state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
## 3375	California	61	37	55	27 days	91.0	24

## 3740	Colorado	54	45	9	27 days	40.0	9
## 4834	Connecticut	61	38	7	27 days	92.0	23
## 5692	D.C.	92	7	3	27 days	94.0	85
## 6165	Delaware	62	37	3	27 days	91.0	25
## 6885	Florida	51	48	27	27 days	30.0	3
## 7972	Hawaii	72	27	4	27 days	95.4	45
## 9103	Iowa	54	44	7	27 days	70.0	10
## 10660	Illinois	62	37	21	27 days	92.0	25
## 11147	Indiana	50	49	11	27 days	-10.0	1
## 13884	Massachusetts	62	36	12	27 days	93.0	26
## 14925	Maryland	62	36	10	27 days	92.0	26
## 15237	Maine	58	40	4	27 days	82.6	18
## 16264	Michigan	57	41	17	27 days	80.0	16
## 16993	Minnesota	54	44	10	27 days	64.0	10
## 19628	North Carolina	50	49	15	27 days	4.0	1
## 21853	New Hampshire	54	45	4	27 days	50.0	9
## 22473	New Jersey	57	42	15	27 days	85.0	15
## 23230	New Mexico	57	42	5	27 days	58.0	15
## 24380	Nevada	55	43	5	27 days	38.0	12
## 24621	New York	63	36	31	27 days	93.0	27
## 25426	Ohio	51	47	20	27 days	40.0	4
## 27090	Oregon	57	40	7	27 days	85.2	17
## 27941	Pennsylvania	55	44	21	27 days	64.0	11
## 28547	Rhode Island	63	35	4	27 days	90.0	28
## 32815	Virginia	53	46	13	27 days	36.0	7
## 33449	Vermont	67	30	3	27 days	90.0	37
## 34594	Washington	58	40	11	27 days	89.6	18
## 35372	Wisconsin	56	42	10	27 days	64.0	14
##	Obamawin						
## 3375	1						
## 3740	1						
## 4834	1						
## 5692	1						
## 6165	1						
## 6885	1						
## 7972	1						
## 9103	1						
## 10660	1						
## 11147	1						
## 13884	1						
## 14925	1						
## 15237	1						
## 16264	1						
## 16993	1						
## 19628	1						
## 21853	1						
## 22473	1						
## 23230	1						
## 24380	1						
## 24621	1						
## 25426	1						
## 27090	1						
## 27941	1						
## 28547	1						

```
## 32815      1
## 33449      1
## 34594      1
## 35372      1
```

```
for (i in unique_days.df) {
  cat("I is: ", i, "\n")
}
```

```
## I is:  2008-09-08 2008-10-21 2008-08-06 2008-08-18 2008-09-30 2008-10-01 2008-09-09 2008-10-22 2008-
```

```
for (i in unique_days) {
  cat("I is: ", i, "\n")
  temp_df <- Obama_win[Obama_win$day == i,]
  print(temp_df)
  cat("\n")
  class(i)
  run_total <- sum(temp_df$EV)
  cat("Running total is: ", run_total, "\n")
  unique_days.df$EV <- run_total

  run_total <- 0
  rm(temp_df)
}
```

```
## I is:  2008-09-08
```

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR
## 3058	CA	2008-09-08	California	91.2	40	10.0	110
## 4030	CO	2008-09-08	Colorado	50.8	178	49.0	582
## 4637	CT	2008-09-08	Connecticut	91.8	1	8.2	0
## 5172	DC	2008-09-08	District of Columbia	97.0	0	3.0	0
## 5888	DE	2008-09-08	Delaware	94.5	0	5.5	0
## 6649	FL	2008-09-08	Florida	35.1	49	65.0	65
## 8161	HI	2008-09-08	Hawaii	97.7	0	2.3	0
## 8826	IA	2008-09-08	Iowa	72.6	60	24.0	501
## 10344	IL	2008-09-08	Illinois	96.5	0	3.5	0
## 10953	IN	2008-09-08	Indiana	25.0	62	75.0	12
## 14298	MA	2008-09-08	Massachusetts	93.8	0	6.2	0
## 14608	MD	2008-09-08	Maryland	92.5	0	7.5	0
## 15325	ME	2008-09-08	Maine	91.5	0	8.5	0
## 16028	MI	2008-09-08	Michigan	68.7	62	40.0	220
## 17040	MN	2008-09-08	Minnesota	81.0	8	19.0	13
## 20002	NC	2008-09-08	North Carolina	27.5	0	72.0	25
## 21903	NH	2008-09-08	New Hampshire	55.0	70	43.9	15
## 22752	NJ	2008-09-08	New Jersey	90.0	9	9.5	14
## 23239	NM	2008-09-08	New Mexico	65.0	60	30.0	66
## 24427	NV	2008-09-08	Nevada	47.1	7	47.9	0
## 24694	NY	2008-09-08	New York	94.5	0	5.5	0
## 25678	OH	2008-09-08	Ohio	50.0	150	53.0	129
## 27017	OR	2008-09-08	Oregon	86.9	15	12.9	140
## 28070	PA	2008-09-08	Pennsylvania	75.0	6	25.0	271
## 28474	RI	2008-09-08	Rhode Island	93.0	25	6.5	0
## 32659	VA	2008-09-08	Virginia	50.0	127	51.5	111

## 33580	VT 2008-09-08		Vermont	92.5	0	7.5	0
## 34319	WA 2008-09-08		Washington	92.5	0	7.5	0
## 35434	WI 2008-09-08		Wisconsin	79.0	266	23.0	506
##	state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
## 3058	California	61	37	55	57 days	81.2	24
## 4030	Colorado	54	45	9	57 days	1.8	9
## 4637	Connecticut	61	38	7	57 days	83.6	23
## 5172	D.C.	92	7	3	57 days	94.0	85
## 5888	Delaware	62	37	3	57 days	89.0	25
## 6649	Florida	51	48	27	57 days	-29.9	3
## 8161	Hawaii	72	27	4	57 days	95.4	45
## 8826	Iowa	54	44	7	57 days	48.6	10
## 10344	Illinois	62	37	21	57 days	93.0	25
## 10953	Indiana	50	49	11	57 days	-50.0	1
## 14298	Massachusetts	62	36	12	57 days	87.6	26
## 14608	Maryland	62	36	10	57 days	85.0	26
## 15325	Maine	58	40	4	57 days	83.0	18
## 16028	Michigan	57	41	17	57 days	28.7	16
## 17040	Minnesota	54	44	10	57 days	62.0	10
## 20002	North Carolina	50	49	15	57 days	-44.5	1
## 21903	New Hampshire	54	45	4	57 days	11.1	9
## 22752	New Jersey	57	42	15	57 days	80.5	15
## 23239	New Mexico	57	42	5	57 days	35.0	15
## 24427	Nevada	55	43	5	57 days	-0.8	12
## 24694	New York	63	36	31	57 days	89.0	27
## 25678	Ohio	51	47	20	57 days	-3.0	4
## 27017	Oregon	57	40	7	57 days	74.0	17
## 28070	Pennsylvania	55	44	21	57 days	50.0	11
## 28474	Rhode Island	63	35	4	57 days	86.5	28
## 32659	Virginia	53	46	13	57 days	-1.5	7
## 33580	Vermont	67	30	3	57 days	85.0	37
## 34319	Washington	58	40	11	57 days	85.0	18
## 35434	Wisconsin	56	42	10	57 days	56.0	14
##	Obamawin						
## 3058	1						
## 4030	1						
## 4637	1						
## 5172	1						
## 5888	1						
## 6649	1						
## 8161	1						
## 8826	1						
## 10344	1						
## 10953	1						
## 14298	1						
## 14608	1						
## 15325	1						
## 16028	1						
## 17040	1						
## 20002	1						
## 21903	1						
## 22752	1						
## 23239	1						
## 24427	1						


```

## 24694      1
## 25678      1
## 27017      1
## 28070      1
## 28474      1
## 32659      1
## 33580      1
## 34319      1
## 35434      1
##
## Running total is: 364
## I is: 2008-10-21
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 2983    CA 2008-10-21    California  96.0      0    4.0      0
## 4037    CO 2008-10-21    Colorado   82.1     62   15.1     12
## 4523    CT 2008-10-21    Connecticut 93.8      0    6.2      0
## 5138    DC 2008-10-21 District of Columbia 97.0      0    3.0      0
## 5809    DE 2008-10-21    Delaware   95.5      0    4.5      0
## 6576    FL 2008-10-21    Florida   65.0    129   34.3    167
## 8491    HI 2008-10-21    Hawaii     97.7      0    2.3      0
## 8794    IA 2008-10-21    Iowa      90.0      0    9.5      8
## 10593   IL 2008-10-21    Illinois  97.1      0    2.9      0
## 11201   IN 2008-10-21    Indiana  37.0    329   68.0    198
## 13789   MA 2008-10-21    Massachusetts 97.4      0    2.6      0
## 14941   MD 2008-10-21    Maryland  96.0      0    4.0      0
## 15452   ME 2008-10-21    Maine     93.1      0    7.1      0
## 16317   MI 2008-10-21    Michigan  95.0     32    6.5      1
## 16762   MN 2008-10-21    Minnesota 91.1     16    8.2      0
## 20008   NC 2008-10-21    North Carolina 58.5    185   43.0     99
## 22153   NH 2008-10-21    New Hampshire 82.5      8   12.0      3
## 22639   NJ 2008-10-21    New Jersey  93.5     10    5.5      7
## 23611   NM 2008-10-21    New Mexico  87.5     53   12.1      8
## 24313   NV 2008-10-21    Nevada     73.5     59   27.5     43
## 24822   NY 2008-10-21    New York   97.1      0    2.9      0
## 25360   OH 2008-10-21    Ohio      62.7    116   39.9     94
## 27022   OR 2008-10-21    Oregon     94.2      8    6.5      0
## 28161   PA 2008-10-21    Pennsylvania 83.5     81   15.0     45
## 28915   RI 2008-10-21    Rhode Island 95.0      0    5.0      0
## 32991   VA 2008-10-21    Virginia   79.0    411   22.0    120
## 33584   VT 2008-10-21    Vermont    95.0      0    5.0      0
## 34568   WA 2008-10-21    Washington 95.0      1    4.7      0
## 35062   WI 2008-10-21    Wisconsin  93.1     62    8.0      0
##
##      state.name Obama McCain EV DaysToElection obama.intmarg obama.actmarg
## 2983    California    61    37 55      14 days      92.0      24
## 4037    Colorado     54    45 9      14 days      67.0      9
## 4523    Connecticut   61    38 7      14 days      87.6     23
## 5138      D.C.       92     7 3      14 days      94.0     85
## 5809    Delaware     62    37 3      14 days      91.0     25
## 6576    Florida      51    48 27     14 days      30.7      3
## 8491    Hawaii        72    27 4      14 days      95.4     45
## 8794    Iowa         54    44 7      14 days      80.5     10
## 10593   Illinois     62    37 21     14 days      94.2     25
## 11201   Indiana      50    49 11     14 days     -31.0      1
## 13789   Massachusetts 62    36 12     14 days      94.8     26

```

##	14941	Maryland	62	36	10	14 days	92.0	26
##	15452	Maine	58	40	4	14 days	86.0	18
##	16317	Michigan	57	41	17	14 days	88.5	16
##	16762	Minnesota	54	44	10	14 days	82.9	10
##	20008	North Carolina	50	49	15	14 days	15.5	1
##	22153	New Hampshire	54	45	4	14 days	70.5	9
##	22639	New Jersey	57	42	15	14 days	88.0	15
##	23611	New Mexico	57	42	5	14 days	75.4	15
##	24313	Nevada	55	43	5	14 days	46.0	12
##	24822	New York	63	36	31	14 days	94.2	27
##	25360	Ohio	51	47	20	14 days	22.8	4
##	27022	Oregon	57	40	7	14 days	87.7	17
##	28161	Pennsylvania	55	44	21	14 days	68.5	11
##	28915	Rhode Island	63	35	4	14 days	90.0	28
##	32991	Virginia	53	46	13	14 days	57.0	7
##	33584	Vermont	67	30	3	14 days	90.0	37
##	34568	Washington	58	40	11	14 days	90.3	18
##	35062	Wisconsin	56	42	10	14 days	85.1	14

Obamawin

##	2983	1
##	4037	1
##	4523	1
##	5138	1
##	5809	1
##	6576	1
##	8491	1
##	8794	1
##	10593	1
##	11201	1
##	13789	1
##	14941	1
##	15452	1
##	16317	1
##	16762	1
##	20008	1
##	22153	1
##	22639	1
##	23611	1
##	24313	1
##	24822	1
##	25360	1
##	27022	1
##	28161	1
##	28915	1
##	32991	1
##	33584	1
##	34568	1
##	35062	1

##

Running total is: 364

I is: 2008-08-06

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR
##	2995	CA	2008-08-06	California	90.0	18	10.0 80
##	3806	CO	2008-08-06	Colorado	63.5	0	36.5 0

##	4657	CT	2008-08-06	Connecticut	88.5	20	11.5	0
##	5636	DC	2008-08-06	District of Columbia	96.3	0	3.7	0
##	5988	DE	2008-08-06	Delaware	88.0	0	12.0	0
##	6952	FL	2008-08-06	Florida	42.0	1	58.0	1
##	7999	HI	2008-08-06	Hawaii	95.3	0	4.7	0
##	8763	IA	2008-08-06	Iowa	72.5	0	27.5	0
##	10144	IL	2008-08-06	Illinois	94.5	20	5.5	0
##	10848	IN	2008-08-06	Indiana	40.0	0	60.0	26
##	14032	MA	2008-08-06	Massachusetts	92.5	0	7.5	0
##	14665	MD	2008-08-06	Maryland	88.5	0	11.5	0
##	15196	ME	2008-08-06	Maine	88.0	85	12.0	80
##	16205	MI	2008-08-06	Michigan	67.5	0	32.5	0
##	16704	MN	2008-08-06	Minnesota	84.2	0	15.8	0
##	19776	NC	2008-08-06	North Carolina	30.0	0	70.0	0
##	21838	NH	2008-08-06	New Hampshire	57.0	0	43.0	3
##	22527	NJ	2008-08-06	New Jersey	88.0	0	12.0	0
##	23255	NM	2008-08-06	New Mexico	72.9	1	27.1	1
##	24201	NV	2008-08-06	Nevada	49.5	0	50.5	0
##	24641	NY	2008-08-06	New York	93.0	0	7.0	0
##	25491	OH	2008-08-06	Ohio	60.7	0	39.3	0
##	27154	OR	2008-08-06	Oregon	88.0	40	12.0	0
##	27764	PA	2008-08-06	Pennsylvania	75.0	54	25.0	4
##	28494	RI	2008-08-06	Rhode Island	92.5	0	7.5	0
##	32678	VA	2008-08-06	Virginia	55.0	0	45.0	69
##	33476	VT	2008-08-06	Vermont	91.0	0	9.0	0
##	34337	WA	2008-08-06	Washington	88.0	0	12.0	0
##	35197	WI	2008-08-06	Wisconsin	83.5	0	16.5	0
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	2995	California	61	37	55	90 days	80.0	24
##	3806	Colorado	54	45	9	90 days	27.0	9
##	4657	Connecticut	61	38	7	90 days	77.0	23
##	5636	D.C.	92	7	3	90 days	92.6	85
##	5988	Delaware	62	37	3	90 days	76.0	25
##	6952	Florida	51	48	27	90 days	-16.0	3
##	7999	Hawaii	72	27	4	90 days	90.6	45
##	8763	Iowa	54	44	7	90 days	45.0	10
##	10144	Illinois	62	37	21	90 days	89.0	25
##	10848	Indiana	50	49	11	90 days	-20.0	1
##	14032	Massachusetts	62	36	12	90 days	85.0	26
##	14665	Maryland	62	36	10	90 days	77.0	26
##	15196	Maine	58	40	4	90 days	76.0	18
##	16205	Michigan	57	41	17	90 days	35.0	16
##	16704	Minnesota	54	44	10	90 days	68.4	10
##	19776	North Carolina	50	49	15	90 days	-40.0	1
##	21838	New Hampshire	54	45	4	90 days	14.0	9
##	22527	New Jersey	57	42	15	90 days	76.0	15
##	23255	New Mexico	57	42	5	90 days	45.8	15
##	24201	Nevada	55	43	5	90 days	-1.0	12
##	24641	New York	63	36	31	90 days	86.0	27
##	25491	Ohio	51	47	20	90 days	21.4	4
##	27154	Oregon	57	40	7	90 days	76.0	17
##	27764	Pennsylvania	55	44	21	90 days	50.0	11
##	28494	Rhode Island	63	35	4	90 days	85.0	28
##	32678	Virginia	53	46	13	90 days	10.0	7

##	33476	Vermont	67	30	3	90 days	82.0	37
##	34337	Washington	58	40	11	90 days	76.0	18
##	35197	Wisconsin	56	42	10	90 days	67.0	14
##	Obamawin							
##	2995	1						
##	3806	1						
##	4657	1						
##	5636	1						
##	5988	1						
##	6952	1						
##	7999	1						
##	8763	1						
##	10144	1						
##	10848	1						
##	14032	1						
##	14665	1						
##	15196	1						
##	16205	1						
##	16704	1						
##	19776	1						
##	21838	1						
##	22527	1						
##	23255	1						
##	24201	1						
##	24641	1						
##	25491	1						
##	27154	1						
##	27764	1						
##	28494	1						
##	32678	1						
##	33476	1						
##	34337	1						
##	35197	1						
##								
##	Running total is: 364							
##	I is: 2008-08-18							
##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR	
##	2998	CA 2008-08-18	California	87.0	0	11.5	0	
##	3931	CO 2008-08-18	Colorado	55.0	0	45.0	0	
##	4457	CT 2008-08-18	Connecticut	90.0	0	10.0	0	
##	5153	DC 2008-08-18	District of Columbia	96.3	0	3.7	0	
##	5829	DE 2008-08-18	Delaware	90.0	0	12.0	0	
##	6536	FL 2008-08-18	Florida	35.5	0	64.5	0	
##	8061	HI 2008-08-18	Hawaii	95.2	0	4.8	0	
##	9174	IA 2008-08-18	Iowa	76.9	0	25.0	0	
##	10489	IL 2008-08-18	Illinois	95.5	0	4.5	0	
##	11095	IN 2008-08-18	Indiana	34.3	0	66.5	0	
##	13832	MA 2008-08-18	Massachusetts	92.5	0	7.5	0	
##	14549	MD 2008-08-18	Maryland	90.5	0	9.5	0	
##	15264	ME 2008-08-18	Maine	83.0	0	15.0	0	
##	16213	MI 2008-08-18	Michigan	66.0	0	35.0	5	
##	16941	MN 2008-08-18	Minnesota	82.0	0	19.0	6	
##	19658	NC 2008-08-18	North Carolina	28.0	0	74.0	0	
##	22168	NH 2008-08-18	New Hampshire	60.5	0	40.0	0	

##	22529	NJ	2008-08-18	New Jersey	88.0	0	12.0	0
##	23192	NM	2008-08-18	New Mexico	72.5	0	26.0	0
##	24206	NV	2008-08-18	Nevada	47.6	0	54.0	0
##	25080	NY	2008-08-18	New York	94.0	0	8.0	0
##	25455	OH	2008-08-18	Ohio	59.0	0	47.0	12
##	27362	OR	2008-08-18	Oregon	89.0	0	11.0	0
##	27891	PA	2008-08-18	Pennsylvania	74.1	0	26.1	52
##	28499	RI	2008-08-18	Rhode Island	90.0	0	10.0	0
##	32763	VA	2008-08-18	Virginia	51.5	0	48.5	0
##	33480	VT	2008-08-18	Vermont	90.7	0	10.0	0
##	34705	WA	2008-08-18	Washington	90.3	0	9.7	0
##	34836	WI	2008-08-18	Wisconsin	77.5	0	23.0	0
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	2998	California	61	37	55	78 days	75.5	24
##	3931	Colorado	54	45	9	78 days	10.0	9
##	4457	Connecticut	61	38	7	78 days	80.0	23
##	5153	D.C.	92	7	3	78 days	92.6	85
##	5829	Delaware	62	37	3	78 days	78.0	25
##	6536	Florida	51	48	27	78 days	-29.0	3
##	8061	Hawaii	72	27	4	78 days	90.4	45
##	9174	Iowa	54	44	7	78 days	51.9	10
##	10489	Illinois	62	37	21	78 days	91.0	25
##	11095	Indiana	50	49	11	78 days	-32.2	1
##	13832	Massachusetts	62	36	12	78 days	85.0	26
##	14549	Maryland	62	36	10	78 days	81.0	26
##	15264	Maine	58	40	4	78 days	68.0	18
##	16213	Michigan	57	41	17	78 days	31.0	16
##	16941	Minnesota	54	44	10	78 days	63.0	10
##	19658	North Carolina	50	49	15	78 days	-46.0	1
##	22168	New Hampshire	54	45	4	78 days	20.5	9
##	22529	New Jersey	57	42	15	78 days	76.0	15
##	23192	New Mexico	57	42	5	78 days	46.5	15
##	24206	Nevada	55	43	5	78 days	-6.4	12
##	25080	New York	63	36	31	78 days	86.0	27
##	25455	Ohio	51	47	20	78 days	12.0	4
##	27362	Oregon	57	40	7	78 days	78.0	17
##	27891	Pennsylvania	55	44	21	78 days	48.0	11
##	28499	Rhode Island	63	35	4	78 days	80.0	28
##	32763	Virginia	53	46	13	78 days	3.0	7
##	33480	Vermont	67	30	3	78 days	80.7	37
##	34705	Washington	58	40	11	78 days	80.6	18
##	34836	Wisconsin	56	42	10	78 days	54.5	14
##		Obamawin						
##	2998	1						
##	3931	1						
##	4457	1						
##	5153	1						
##	5829	1						
##	6536	1						
##	8061	1						
##	9174	1						
##	10489	1						
##	11095	1						
##	13832	1						

```

## 14549      1
## 15264      1
## 16213      1
## 16941      1
## 19658      1
## 22168      1
## 22529      1
## 23192      1
## 24206      1
## 25080      1
## 25455      1
## 27362      1
## 27891      1
## 28499      1
## 32763      1
## 33480      1
## 34705      1
## 34836      1
##
## Running total is: 364
## I is: 2008-09-30
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3331      CA 2008-09-30      California 93.5      0      5.5      0
## 3938      CO 2008-09-30      Colorado 68.0      4      32.1      51
## 4789      CT 2008-09-30      Connecticut 91.0      0      5.5      0
## 5649      DC 2008-09-30 District of Columbia 97.0      0      3.0      0
## 6202      DE 2008-09-30      Delaware 95.0      0      7.0      0
## 6841      FL 2008-09-30      Florida 50.5      209      46.3      218
## 8106      HI 2008-09-30      Hawaii 97.7      0      2.3      0
## 8937      IA 2008-09-30      Iowa 84.8      126      19.5      100
## 10373     IL 2008-09-30      Illinois 96.0      0      4.0      0
## 10981     IN 2008-09-30      Indiana 39.0      319      62.0      103
## 13920     MA 2008-09-30      Massachusetts 96.3      0      3.7      0
## 14759     MD 2008-09-30      Maryland 95.0      0      7.3      0
## 15233     ME 2008-09-30      Maine 89.8      0      10.9      0
## 16462     MI 2008-09-30      Michigan 79.0      2      20.1      1
## 17345     MN 2008-09-30      Minnesota 83.8      1      17.1      2
## 19909     NC 2008-09-30      North Carolina 49.0      609      49.9      943
## 21931     NH 2008-09-30      New Hampshire 60.1      1      36.5      1
## 22539     NJ 2008-09-30      New Jersey 92.4      5      8.1      0
## 23186     NM 2008-09-30      New Mexico 71.0      6      20.1      0
## 24566     NV 2008-09-30      Nevada 54.4      16      46.6      71
## 24723     NY 2008-09-30      New York 95.8      0      5.0      0
## 25910     OH 2008-09-30      Ohio 54.0      28      47.0      115
## 27046     OR 2008-09-30      Oregon 90.0      0      8.9      0
## 27896     PA 2008-09-30      Pennsylvania 79.0      11      20.1      1
## 28381     RI 2008-09-30      Rhode Island 95.0      0      5.0      0
## 32892     VA 2008-09-30      Virginia 54.4      41      46.0      95
## 33729     VT 2008-09-30      Vermont 92.5      0      7.5      0
## 34590     WA 2008-09-30      Washington 88.0      0      10.1      0
## 35085     WI 2008-09-30      Wisconsin 79.9      45      22.6      101
##      state.name Obama McCain EV DaysToElection obama.intmarg obama.actmarg
## 3331      California 61      37 55      35 days      88.0      24
## 3938      Colorado 54      45 9      35 days      35.9      9

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## 4789	Connecticut	61	38	7	35 days	85.5	23
## 5649	D.C.	92	7	3	35 days	94.0	85
## 6202	Delaware	62	37	3	35 days	88.0	25
## 6841	Florida	51	48	27	35 days	4.2	3
## 8106	Hawaii	72	27	4	35 days	95.4	45
## 8937	Iowa	54	44	7	35 days	65.3	10
## 10373	Illinois	62	37	21	35 days	92.0	25
## 10981	Indiana	50	49	11	35 days	-23.0	1
## 13920	Massachusetts	62	36	12	35 days	92.6	26
## 14759	Maryland	62	36	10	35 days	87.7	26
## 15233	Maine	58	40	4	35 days	78.9	18
## 16462	Michigan	57	41	17	35 days	58.9	16
## 17345	Minnesota	54	44	10	35 days	66.7	10
## 19909	North Carolina	50	49	15	35 days	-0.9	1
## 21931	New Hampshire	54	45	4	35 days	23.6	9
## 22539	New Jersey	57	42	15	35 days	84.3	15
## 23186	New Mexico	57	42	5	35 days	50.9	15
## 24566	Nevada	55	43	5	35 days	7.8	12
## 24723	New York	63	36	31	35 days	90.8	27
## 25910	Ohio	51	47	20	35 days	7.0	4
## 27046	Oregon	57	40	7	35 days	81.1	17
## 27896	Pennsylvania	55	44	21	35 days	58.9	11
## 28381	Rhode Island	63	35	4	35 days	90.0	28
## 32892	Virginia	53	46	13	35 days	8.4	7
## 33729	Vermont	67	30	3	35 days	85.0	37
## 34590	Washington	58	40	11	35 days	77.9	18
## 35085	Wisconsin	56	42	10	35 days	57.3	14
##	Obamawin						
## 3331	1						
## 3938	1						
## 4789	1						
## 5649	1						
## 6202	1						
## 6841	1						
## 8106	1						
## 8937	1						
## 10373	1						
## 10981	1						
## 13920	1						
## 14759	1						
## 15233	1						
## 16462	1						
## 17345	1						
## 19909	1						
## 21931	1						
## 22539	1						
## 23186	1						
## 24566	1						
## 24723	1						
## 25910	1						
## 27046	1						
## 27896	1						
## 28381	1						
## 32892	1						

```

## 33729      1
## 34590      1
## 35085      1
##
## Running total is: 364
## I is: 2008-10-01
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3382      CA 2008-10-01      California 93.4      0      6.6      0
## 3989      CO 2008-10-01      Colorado 67.0     101     33.0     21
## 4840      CT 2008-10-01      Connecticut 92.5      0      7.5      0
## 5620      DC 2008-10-01 District of Columbia 97.0      0      3.0      0
## 6253      DE 2008-10-01      Delaware 94.0      0      6.0      0
## 6892      FL 2008-10-01      Florida 56.0     197     44.0     174
## 8157      HI 2008-10-01      Hawaii 97.7      0      2.3      0
## 8988      IA 2008-10-01      Iowa 83.9      0     16.1     10
## 10424     IL 2008-10-01      Illinois 96.0      0      4.0      0
## 11032     IN 2008-10-01      Indiana 37.0     294     63.0     137
## 13971     MA 2008-10-01      Massachusetts 96.5      0      3.5      0
## 14770     MD 2008-10-01      Maryland 94.3      0      5.7      0
## 15193     ME 2008-10-01      Maine 92.3      0      7.7      0
## 16513     MI 2008-10-01      Michigan 76.6      5     23.4     66
## 17350     MN 2008-10-01      Minnesota 81.3      0     18.7     57
## 19595     NC 2008-10-01      North Carolina 48.0     518     52.0    1172
## 21861     NH 2008-10-01      New Hampshire 63.5     14     36.5      0
## 22589     NJ 2008-10-01      New Jersey 90.7      0      9.3      0
## 23197     NM 2008-10-01      New Mexico 77.0     26     23.0      0
## 24509     NV 2008-10-01      Nevada 55.0     122     45.0     126
## 24774     NY 2008-10-01      New York 95.6      0      4.4      0
## 25961     OH 2008-10-01      Ohio 53.5     102     46.5     44
## 27097     OR 2008-10-01      Oregon 91.5      0      8.5     15
## 27947     PA 2008-10-01      Pennsylvania 80.0     108     20.0     373
## 28432     RI 2008-10-01      Rhode Island 95.0      0      5.0      0
## 32943     VA 2008-10-01      Virginia 59.8     297     40.2     370
## 33780     VT 2008-10-01      Vermont 95.0      0      5.0      0
## 34641     WA 2008-10-01      Washington 88.0      0     12.0      0
## 35136     WI 2008-10-01      Wisconsin 83.9     101     16.1      0
##
##      state.name Obama McCain EV DaysToElection obama.intmarg obama.actmarg
## 3382      California 61      37 55      34 days      86.8      24
## 3989      Colorado 54      45 9      34 days      34.0      9
## 4840      Connecticut 61      38 7      34 days      85.0     23
## 5620      D.C. 92      7 3      34 days      94.0     85
## 6253      Delaware 62      37 3      34 days      88.0     25
## 6892      Florida 51      48 27      34 days      12.0      3
## 8157      Hawaii 72      27 4      34 days      95.4     45
## 8988      Iowa 54      44 7      34 days      67.8     10
## 10424     Illinois 62      37 21      34 days      92.0     25
## 11032     Indiana 50      49 11      34 days     -26.0      1
## 13971     Massachusetts 62      36 12      34 days      93.0     26
## 14770     Maryland 62      36 10      34 days      88.6     26
## 15193     Maine 58      40 4      34 days      84.6     18
## 16513     Michigan 57      41 17      34 days      53.2     16
## 17350     Minnesota 54      44 10      34 days      62.6     10
## 19595     North Carolina 50      49 15      34 days      -4.0      1
## 21861     New Hampshire 54      45 4      34 days      27.0      9

```


##	22589	New Jersey	57	42 15	34 days	81.4	15
##	23197	New Mexico	57	42 5	34 days	54.0	15
##	24509	Nevada	55	43 5	34 days	10.0	12
##	24774	New York	63	36 31	34 days	91.2	27
##	25961	Ohio	51	47 20	34 days	7.0	4
##	27097	Oregon	57	40 7	34 days	83.0	17
##	27947	Pennsylvania	55	44 21	34 days	60.0	11
##	28432	Rhode Island	63	35 4	34 days	90.0	28
##	32943	Virginia	53	46 13	34 days	19.6	7
##	33780	Vermont	67	30 3	34 days	90.0	37
##	34641	Washington	58	40 11	34 days	76.0	18
##	35136	Wisconsin	56	42 10	34 days	67.8	14

Obamawin

##	3382	1
##	3989	1
##	4840	1
##	5620	1
##	6253	1
##	6892	1
##	8157	1
##	8988	1
##	10424	1
##	11032	1
##	13971	1
##	14770	1
##	15193	1
##	16513	1
##	17350	1
##	19595	1
##	21861	1
##	22589	1
##	23197	1
##	24509	1
##	24774	1
##	25961	1
##	27097	1
##	27947	1
##	28432	1
##	32943	1
##	33780	1
##	34641	1
##	35136	1

##

Running total is: 364

I is: 2008-09-09

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR
##	3109	CA 2008-09-09	California	91.2	0	10.0	0
##	4081	CO 2008-09-09	Colorado	52.0	0	48.0	7
##	4688	CT 2008-09-09	Connecticut	91.8	0	8.2	10
##	5183	DC 2008-09-09	District of Columbia	97.0	0	3.0	0
##	5939	DE 2008-09-09	Delaware	97.0	1	5.5	0
##	6660	FL 2008-09-09	Florida	34.0	42	65.1	32
##	8212	HI 2008-09-09	Hawaii	97.7	0	2.3	0
##	8837	IA 2008-09-09	Iowa	75.8	12	24.5	21

##	10395	IL	2008-09-09	Illinois	98.0	1	3.5	0
##	11004	IN	2008-09-09	Indiana	25.1	77	75.0	0
##	14349	MA	2008-09-09	Massachusetts	93.8	0	6.2	0
##	14659	MD	2008-09-09	Maryland	93.9	1	7.5	0
##	15376	ME	2008-09-09	Maine	93.0	1	8.5	0
##	16039	MI	2008-09-09	Michigan	60.0	58	42.0	143
##	17091	MN	2008-09-09	Minnesota	76.8	2	25.0	201
##	20053	NC	2008-09-09	North Carolina	23.5	357	78.4	329
##	21954	NH	2008-09-09	New Hampshire	55.0	0	45.0	27
##	22803	NJ	2008-09-09	New Jersey	90.0	60	11.0	5
##	23290	NM	2008-09-09	New Mexico	66.5	7	33.5	30
##	24478	NV	2008-09-09	Nevada	47.1	10	54.0	5
##	24745	NY	2008-09-09	New York	94.5	0	5.5	0
##	25729	OH	2008-09-09	Ohio	42.0	73	58.5	167
##	27068	OR	2008-09-09	Oregon	86.5	10	13.0	73
##	28121	PA	2008-09-09	Pennsylvania	74.3	5	27.5	56
##	28525	RI	2008-09-09	Rhode Island	93.0	0	6.5	0
##	32710	VA	2008-09-09	Virginia	46.6	10	55.0	33
##	33631	VT	2008-09-09	Vermont	94.8	1	7.5	0
##	34370	WA	2008-09-09	Washington	90.0	6	14.9	30
##	35108	WI	2008-09-09	Wisconsin	77.0	37	23.0	34
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	3109	California	61	37	55	56 days	81.2	24
##	4081	Colorado	54	45	9	56 days	4.0	9
##	4688	Connecticut	61	38	7	56 days	83.6	23
##	5183	D.C.	92	7	3	56 days	94.0	85
##	5939	Delaware	62	37	3	56 days	91.5	25
##	6660	Florida	51	48	27	56 days	-31.1	3
##	8212	Hawaii	72	27	4	56 days	95.4	45
##	8837	Iowa	54	44	7	56 days	51.3	10
##	10395	Illinois	62	37	21	56 days	94.5	25
##	11004	Indiana	50	49	11	56 days	-49.9	1
##	14349	Massachusetts	62	36	12	56 days	87.6	26
##	14659	Maryland	62	36	10	56 days	86.4	26
##	15376	Maine	58	40	4	56 days	84.5	18
##	16039	Michigan	57	41	17	56 days	18.0	16
##	17091	Minnesota	54	44	10	56 days	51.8	10
##	20053	North Carolina	50	49	15	56 days	-54.9	1
##	21954	New Hampshire	54	45	4	56 days	10.0	9
##	22803	New Jersey	57	42	15	56 days	79.0	15
##	23290	New Mexico	57	42	5	56 days	33.0	15
##	24478	Nevada	55	43	5	56 days	-6.9	12
##	24745	New York	63	36	31	56 days	89.0	27
##	25729	Ohio	51	47	20	56 days	-16.5	4
##	27068	Oregon	57	40	7	56 days	73.5	17
##	28121	Pennsylvania	55	44	21	56 days	46.8	11
##	28525	Rhode Island	63	35	4	56 days	86.5	28
##	32710	Virginia	53	46	13	56 days	-8.4	7
##	33631	Vermont	67	30	3	56 days	87.3	37
##	34370	Washington	58	40	11	56 days	75.1	18
##	35108	Wisconsin	56	42	10	56 days	54.0	14
##		Obamawin						
##	3109	1						
##	4081	1						

```

## 4688      1
## 5183      1
## 5939      1
## 6660      1
## 8212      1
## 8837      1
## 10395     1
## 11004     1
## 14349     1
## 14659     1
## 15376     1
## 16039     1
## 17091     1
## 20053     1
## 21954     1
## 22803     1
## 23290     1
## 24478     1
## 24745     1
## 25729     1
## 27068     1
## 28121     1
## 28525     1
## 32710     1
## 33631     1
## 34370     1
## 35108     1
##
## Running total is: 364
## I is: 2008-10-22
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 2994    CA 2008-10-22    California  95.5      0    4.5      0
## 4088    CO 2008-10-22    Colorado   85.1     74   14.9     10
## 4574    CT 2008-10-22    Connecticut 95.2      0    4.8      0
## 5189    DC 2008-10-22 District of Columbia 97.0      0    3.0      0
## 5785    DE 2008-10-22    Delaware   95.5      0    4.5      0
## 6546    FL 2008-10-22    Florida   64.0    479   36.0    162
## 8542    HI 2008-10-22    Hawaii    97.7      0    2.3      0
## 8845    IA 2008-10-22    Iowa     90.2      7    9.8     11
## 10604   IL 2008-10-22    Illinois 95.5      0    4.5      0
## 11252   IN 2008-10-22    Indiana  34.0    246   66.0    399
## 13827   MA 2008-10-22    Massachusetts 97.4      0    2.6      0
## 14992   MD 2008-10-22    Maryland 96.0      0    4.0      0
## 15503   ME 2008-10-22    Maine    95.0      0    5.0      0
## 16368   MI 2008-10-22    Michigan 92.2      0    7.8      0
## 16813   MN 2008-10-22    Minnesota 91.0      0    9.0     10
## 20059   NC 2008-10-22    North Carolina 64.0    374   36.0    144
## 22204   NH 2008-10-22    New Hampshire 86.0      8   14.0     10
## 22690   NJ 2008-10-22    New Jersey 94.8     47    5.2      2
## 23662   NM 2008-10-22    New Mexico 89.8     59   10.2      0
## 24364   NV 2008-10-22    Nevada   75.0     53   25.0     79
## 24873   NY 2008-10-22    New York 96.3      0    3.7      0
## 25411   OH 2008-10-22    Ohio    65.0    170   35.0    102
## 27073   OR 2008-10-22    Oregon  96.5      0    3.5      0

```

##	28194	PA	2008-10-22	Pennsylvania	85.0	183	15.0	164
##	28845	RI	2008-10-22	Rhode Island	95.5	0	4.5	0
##	33042	VA	2008-10-22	Virginia	80.0	259	20.0	283
##	33393	VT	2008-10-22	Vermont	95.0	0	5.0	0
##	34498	WA	2008-10-22	Washington	95.1	0	4.9	0
##	34749	WI	2008-10-22	Wisconsin	92.5	0	7.5	0
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	2994	California	61	37	55	13 days	91.0	24
##	4088	Colorado	54	45	9	13 days	70.2	9
##	4574	Connecticut	61	38	7	13 days	90.4	23
##	5189	D.C.	92	7	3	13 days	94.0	85
##	5785	Delaware	62	37	3	13 days	91.0	25
##	6546	Florida	51	48	27	13 days	28.0	3
##	8542	Hawaii	72	27	4	13 days	95.4	45
##	8845	Iowa	54	44	7	13 days	80.4	10
##	10604	Illinois	62	37	21	13 days	91.0	25
##	11252	Indiana	50	49	11	13 days	-32.0	1
##	13827	Massachusetts	62	36	12	13 days	94.8	26
##	14992	Maryland	62	36	10	13 days	92.0	26
##	15503	Maine	58	40	4	13 days	90.0	18
##	16368	Michigan	57	41	17	13 days	84.4	16
##	16813	Minnesota	54	44	10	13 days	82.0	10
##	20059	North Carolina	50	49	15	13 days	28.0	1
##	22204	New Hampshire	54	45	4	13 days	72.0	9
##	22690	New Jersey	57	42	15	13 days	89.6	15
##	23662	New Mexico	57	42	5	13 days	79.6	15
##	24364	Nevada	55	43	5	13 days	50.0	12
##	24873	New York	63	36	31	13 days	92.6	27
##	25411	Ohio	51	47	20	13 days	30.0	4
##	27073	Oregon	57	40	7	13 days	93.0	17
##	28194	Pennsylvania	55	44	21	13 days	70.0	11
##	28845	Rhode Island	63	35	4	13 days	91.0	28
##	33042	Virginia	53	46	13	13 days	60.0	7
##	33393	Vermont	67	30	3	13 days	90.0	37
##	34498	Washington	58	40	11	13 days	90.2	18
##	34749	Wisconsin	56	42	10	13 days	85.0	14
##		Obamawin						
##	2994	1						
##	4088	1						
##	4574	1						
##	5189	1						
##	5785	1						
##	6546	1						
##	8542	1						
##	8845	1						
##	10604	1						
##	11252	1						
##	13827	1						
##	14992	1						
##	15503	1						
##	16368	1						
##	16813	1						
##	20059	1						
##	22204	1						

```

## 22690      1
## 23662      1
## 24364      1
## 24873      1
## 25411      1
## 27073      1
## 28194      1
## 28845      1
## 33042      1
## 33393      1
## 34498      1
## 34749      1
##
## Running total is: 364
## I is: 2008-08-07
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3046    CA 2008-08-07    California  90.0         0   10.0         0
## 3857    CO 2008-08-07      Colorado  61.0         2   39.8         1
## 4708    CT 2008-08-07    Connecticut  88.5         0   11.5        20
## 5647    DC 2008-08-07 District of Columbia  96.3         0    3.7         0
## 6039    DE 2008-08-07      Delaware  88.0         5   12.0         0
## 7003    FL 2008-08-07      Florida  36.1        10   63.9         0
## 8037    HI 2008-08-07      Hawaii  95.3         0    4.7         0
## 8814    IA 2008-08-07       Iowa  72.5         0   27.5         0
## 10169   IL 2008-08-07     Illinois  94.1         0    5.5         0
## 10846   IN 2008-08-07      Indiana  40.0         0   60.0         0
## 14083   MA 2008-08-07    Massachusetts  92.5         0    7.5         0
## 14676   MD 2008-08-07      Maryland  88.5         5   11.5         0
## 15216   ME 2008-08-07      Maine  88.0         0   13.0         0
## 16256   MI 2008-08-07      Michigan  67.5         0   32.5         0
## 16742   MN 2008-08-07     Minnesota  84.2         0   15.8         7
## 19827   NC 2008-08-07   North Carolina  30.0         0   70.0         0
## 21849   NH 2008-08-07   New Hampshire  57.0         0   43.0         0
## 22578   NJ 2008-08-07     New Jersey  90.0        10   12.0         0
## 23226   NM 2008-08-07     New Mexico  72.9         0   27.1         0
## 24252   NV 2008-08-07      Nevada  49.5         0   50.5         0
## 24638   NY 2008-08-07     New York  93.0         0    7.0         0
## 25421   OH 2008-08-07      Ohio  58.0         5   44.0         5
## 27084   OR 2008-08-07      Oregon  88.0        18   12.0         0
## 27815   PA 2008-08-07    Pennsylvania  75.0         0   25.0         0
## 28545   RI 2008-08-07    Rhode Island  92.5         0    7.5         0
## 32729   VA 2008-08-07      Virginia  55.0        22   45.0        62
## 33406   VT 2008-08-07      Vermont  91.0         0    9.0         0
## 34388   WA 2008-08-07     Washington  88.0         0   12.0         0
## 35248   WI 2008-08-07     Wisconsin  83.5        30   16.5        81
##
##      state.name Obama McCain EV DaysToElection obama.intmarg obama.actmarg
## 3046    California    61    37 55      89 days      80.0          24
## 3857     Colorado    54    45  9      89 days      21.2           9
## 4708   Connecticut    61    38  7      89 days      77.0          23
## 5647         D.C.    92     7  3      89 days      92.6          85
## 6039     Delaware    62    37  3      89 days      76.0          25
## 7003      Florida    51    48 27      89 days     -27.8           3
## 8037      Hawaii    72    27  4      89 days      90.6          45
## 8814       Iowa    54    44  7      89 days      45.0          10

```

##	10169	Illinois	62	37	21	89 days	88.6	25
##	10846	Indiana	50	49	11	89 days	-20.0	1
##	14083	Massachusetts	62	36	12	89 days	85.0	26
##	14676	Maryland	62	36	10	89 days	77.0	26
##	15216	Maine	58	40	4	89 days	75.0	18
##	16256	Michigan	57	41	17	89 days	35.0	16
##	16742	Minnesota	54	44	10	89 days	68.4	10
##	19827	North Carolina	50	49	15	89 days	-40.0	1
##	21849	New Hampshire	54	45	4	89 days	14.0	9
##	22578	New Jersey	57	42	15	89 days	78.0	15
##	23226	New Mexico	57	42	5	89 days	45.8	15
##	24252	Nevada	55	43	5	89 days	-1.0	12
##	24638	New York	63	36	31	89 days	86.0	27
##	25421	Ohio	51	47	20	89 days	14.0	4
##	27084	Oregon	57	40	7	89 days	76.0	17
##	27815	Pennsylvania	55	44	21	89 days	50.0	11
##	28545	Rhode Island	63	35	4	89 days	85.0	28
##	32729	Virginia	53	46	13	89 days	10.0	7
##	33406	Vermont	67	30	3	89 days	82.0	37
##	34388	Washington	58	40	11	89 days	76.0	18
##	35248	Wisconsin	56	42	10	89 days	67.0	14
##	Obamawin							
##	3046	1						
##	3857	1						
##	4708	1						
##	5647	1						
##	6039	1						
##	7003	1						
##	8037	1						
##	8814	1						
##	10169	1						
##	10846	1						
##	14083	1						
##	14676	1						
##	15216	1						
##	16256	1						
##	16742	1						
##	19827	1						
##	21849	1						
##	22578	1						
##	23226	1						
##	24252	1						
##	24638	1						
##	25421	1						
##	27084	1						
##	27815	1						
##	28545	1						
##	32729	1						
##	33406	1						
##	34388	1						
##	35248	1						
##								
##	Running total is: 364							
##	I is: 2008-08-19							

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR
## 3049	CA	2008-08-19	California	87.0	0	11.5	0
## 3982	CO	2008-08-19	Colorado	55.0	0	45.0	0
## 4508	CT	2008-08-19	Connecticut	90.0	0	10.0	1
## 5204	DC	2008-08-19	District of Columbia	96.3	0	3.7	0
## 5840	DE	2008-08-19	Delaware	90.0	0	12.0	0
## 6522	FL	2008-08-19	Florida	35.5	10	64.5	10
## 8112	HI	2008-08-19	Hawaii	95.2	0	4.8	0
## 9185	IA	2008-08-19	Iowa	76.9	0	25.0	0
## 10540	IL	2008-08-19	Illinois	95.0	50	5.0	50
## 11146	IN	2008-08-19	Indiana	34.3	5	66.5	0
## 13843	MA	2008-08-19	Massachusetts	92.5	0	7.5	0
## 14600	MD	2008-08-19	Maryland	90.5	0	9.5	0
## 15315	ME	2008-08-19	Maine	83.0	0	15.0	0
## 16142	MI	2008-08-19	Michigan	66.0	0	35.0	0
## 16992	MN	2008-08-19	Minnesota	80.0	20	20.0	39
## 19587	NC	2008-08-19	North Carolina	28.0	33	74.0	0
## 21759	NH	2008-08-19	New Hampshire	60.5	0	37.0	2
## 22444	NJ	2008-08-19	New Jersey	88.0	0	12.0	0
## 23228	NM	2008-08-19	New Mexico	72.5	0	26.0	27
## 24135	NV	2008-08-19	Nevada	50.0	4	54.0	0
## 24684	NY	2008-08-19	New York	94.0	50	8.0	0
## 25333	OH	2008-08-19	Ohio	54.0	68	47.0	10
## 27089	OR	2008-08-19	Oregon	89.0	0	11.0	0
## 27495	PA	2008-08-19	Pennsylvania	74.1	40	26.1	0
## 28220	RI	2008-08-19	Rhode Island	90.0	0	10.0	50
## 32814	VA	2008-08-19	Virginia	51.5	0	48.5	0
## 33531	VT	2008-08-19	Vermont	90.7	0	10.0	14
## 34712	WA	2008-08-19	Washington	90.3	0	9.7	0
## 34887	WI	2008-08-19	Wisconsin	77.5	0	23.0	0
##	state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
## 3049	California	61	37	55	77 days	75.5	24
## 3982	Colorado	54	45	9	77 days	10.0	9
## 4508	Connecticut	61	38	7	77 days	80.0	23
## 5204	D.C.	92	7	3	77 days	92.6	85
## 5840	Delaware	62	37	3	77 days	78.0	25
## 6522	Florida	51	48	27	77 days	-29.0	3
## 8112	Hawaii	72	27	4	77 days	90.4	45
## 9185	Iowa	54	44	7	77 days	51.9	10
## 10540	Illinois	62	37	21	77 days	90.0	25
## 11146	Indiana	50	49	11	77 days	-32.2	1
## 13843	Massachusetts	62	36	12	77 days	85.0	26
## 14600	Maryland	62	36	10	77 days	81.0	26
## 15315	Maine	58	40	4	77 days	68.0	18
## 16142	Michigan	57	41	17	77 days	31.0	16
## 16992	Minnesota	54	44	10	77 days	60.0	10
## 19587	North Carolina	50	49	15	77 days	-46.0	1
## 21759	New Hampshire	54	45	4	77 days	23.5	9
## 22444	New Jersey	57	42	15	77 days	76.0	15
## 23228	New Mexico	57	42	5	77 days	46.5	15
## 24135	Nevada	55	43	5	77 days	-4.0	12
## 24684	New York	63	36	31	77 days	86.0	27
## 25333	Ohio	51	47	20	77 days	7.0	4
## 27089	Oregon	57	40	7	77 days	78.0	17

##	27495	Pennsylvania	55	44	21	77 days	48.0	11
##	28220	Rhode Island	63	35	4	77 days	80.0	28
##	32814	Virginia	53	46	13	77 days	3.0	7
##	33531	Vermont	67	30	3	77 days	80.7	37
##	34712	Washington	58	40	11	77 days	80.6	18
##	34887	Wisconsin	56	42	10	77 days	54.5	14

Obamawin

##	3049	1
##	3982	1
##	4508	1
##	5204	1
##	5840	1
##	6522	1
##	8112	1
##	9185	1
##	10540	1
##	11146	1
##	13843	1
##	14600	1
##	15315	1
##	16142	1
##	16992	1
##	19587	1
##	21759	1
##	22444	1
##	23228	1
##	24135	1
##	24684	1
##	25333	1
##	27089	1
##	27495	1
##	28220	1
##	32814	1
##	33531	1
##	34712	1
##	34887	1

##

Running total is: 364

I is: 2008-10-02

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR
##	3433	CA 2008-10-02	California	93.4	0	6.6	0
##	4040	CO 2008-10-02	Colorado	70.0	118	30.9	106
##	4770	CT 2008-10-02	Connecticut	92.5	0	7.5	0
##	5671	DC 2008-10-02	District of Columbia	97.0	0	3.0	0
##	6304	DE 2008-10-02	Delaware	94.0	0	6.0	0
##	6943	FL 2008-10-02	Florida	52.2	74	47.8	22
##	7956	HI 2008-10-02	Hawaii	97.7	0	2.3	0
##	9039	IA 2008-10-02	Iowa	83.9	45	16.6	125
##	10475	IL 2008-10-02	Illinois	96.0	0	4.0	0
##	10962	IN 2008-10-02	Indiana	39.0	301	63.0	80
##	13820	MA 2008-10-02	Massachusetts	96.5	0	3.5	0
##	14821	MD 2008-10-02	Maryland	94.3	0	5.7	0
##	15214	ME 2008-10-02	Maine	92.3	20	10.0	35
##	16564	MI 2008-10-02	Michigan	79.0	198	23.4	117

##	17253	MN	2008-10-02	Minnesota	81.3	81	18.0	21
##	19646	NC	2008-10-02	North Carolina	49.9	259	54.0	166
##	21912	NH	2008-10-02	New Hampshire	63.5	78	36.5	18
##	22640	NJ	2008-10-02	New Jersey	90.7	0	9.3	0
##	23248	NM	2008-10-02	New Mexico	77.0	11	20.0	13
##	24560	NV	2008-10-02	Nevada	59.0	14	45.0	0
##	24825	NY	2008-10-02	New York	95.6	0	4.4	0
##	25931	OH	2008-10-02	Ohio	57.0	107	43.0	208
##	27148	OR	2008-10-02	Oregon	85.5	75	8.5	0
##	27877	PA	2008-10-02	Pennsylvania	83.6	37	20.0	104
##	28483	RI	2008-10-02	Rhode Island	95.0	0	5.0	0
##	32994	VA	2008-10-02	Virginia	59.1	10	41.9	87
##	33831	VT	2008-10-02	Vermont	95.0	0	5.0	0
##	34692	WA	2008-10-02	Washington	88.0	30	10.2	12
##	35187	WI	2008-10-02	Wisconsin	83.9	0	18.8	4
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	3433	California	61	37	55	33 days	86.8	24
##	4040	Colorado	54	45	9	33 days	39.1	9
##	4770	Connecticut	61	38	7	33 days	85.0	23
##	5671	D.C.	92	7	3	33 days	94.0	85
##	6304	Delaware	62	37	3	33 days	88.0	25
##	6943	Florida	51	48	27	33 days	4.4	3
##	7956	Hawaii	72	27	4	33 days	95.4	45
##	9039	Iowa	54	44	7	33 days	67.3	10
##	10475	Illinois	62	37	21	33 days	92.0	25
##	10962	Indiana	50	49	11	33 days	-24.0	1
##	13820	Massachusetts	62	36	12	33 days	93.0	26
##	14821	Maryland	62	36	10	33 days	88.6	26
##	15214	Maine	58	40	4	33 days	82.3	18
##	16564	Michigan	57	41	17	33 days	55.6	16
##	17253	Minnesota	54	44	10	33 days	63.3	10
##	19646	North Carolina	50	49	15	33 days	-4.1	1
##	21912	New Hampshire	54	45	4	33 days	27.0	9
##	22640	New Jersey	57	42	15	33 days	81.4	15
##	23248	New Mexico	57	42	5	33 days	57.0	15
##	24560	Nevada	55	43	5	33 days	14.0	12
##	24825	New York	63	36	31	33 days	91.2	27
##	25931	Ohio	51	47	20	33 days	14.0	4
##	27148	Oregon	57	40	7	33 days	77.0	17
##	27877	Pennsylvania	55	44	21	33 days	63.6	11
##	28483	Rhode Island	63	35	4	33 days	90.0	28
##	32994	Virginia	53	46	13	33 days	17.2	7
##	33831	Vermont	67	30	3	33 days	90.0	37
##	34692	Washington	58	40	11	33 days	77.8	18
##	35187	Wisconsin	56	42	10	33 days	65.1	14
##		Obamawin						
##	3433	1						
##	4040	1						
##	4770	1						
##	5671	1						
##	6304	1						
##	6943	1						
##	7956	1						
##	9039	1						

```

## 10475      1
## 10962      1
## 13820      1
## 14821      1
## 15214      1
## 16564      1
## 17253      1
## 19646      1
## 21912      1
## 22640      1
## 23248      1
## 24560      1
## 24825      1
## 25931      1
## 27148      1
## 27877      1
## 28483      1
## 32994      1
## 33831      1
## 34692      1
## 35187      1
##
## Running total is: 364
## I is: 2008-09-10
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3160    CA 2008-09-10    California    3.0        0    10.0        0
## 4132    CO 2008-09-10      Colorado   54.0       101    46.0       31
## 4739    CT 2008-09-10    Connecticut   91.3        0     8.7        0
## 5234    DC 2008-09-10 District of Columbia 97.0        0     3.0        0
## 5990    DE 2008-09-10      Delaware   94.5        0     5.5        0
## 6590    FL 2008-09-10      Florida   34.7         3    65.3         7
## 8263    HI 2008-09-10      Hawaii    97.7        0     2.3         0
## 8888    IA 2008-09-10        Iowa    75.7         1    24.3       192
## 10446   IL 2008-09-10      Illinois   96.5        0     3.5         0
## 11055   IN 2008-09-10      Indiana   23.1        0    76.9         0
## 14400   MA 2008-09-10    Massachusetts 95.0        0     5.0         1
## 14710   MD 2008-09-10      Maryland   91.4        0     8.6         0
## 15427   ME 2008-09-10      Maine     91.0        0     9.0         0
## 16050   MI 2008-09-10      Michigan   60.0        42    40.0        34
## 17142   MN 2008-09-10      Minnesota  76.8       132    23.2         0
## 20104   NC 2008-09-10    North Carolina 11.0        10    89.0         0
## 22005   NH 2008-09-10    New Hampshire 57.0        19    43.0        52
## 22854   NJ 2008-09-10      New Jersey 90.0         8    10.0        10
## 23341   NM 2008-09-10      New Mexico 65.0       145    35.0       240
## 24529   NV 2008-09-10      Nevada   45.0         1    55.0         2
## 24796   NY 2008-09-10      New York   92.5         0     7.5         0
## 25780   OH 2008-09-10      Ohio     42.5        58    57.5        15
## 27119   OR 2008-09-10      Oregon    86.9        20    13.0        79
## 28172   PA 2008-09-10    Pennsylvania 71.5        50    28.5       141
## 28576   RI 2008-09-10    Rhode Island 93.3         0     6.7         0
## 32721   VA 2008-09-10      Virginia  45.0       136    55.0        46
## 33682   VT 2008-09-10      Vermont   93.4         0     6.6         0
## 34421   WA 2008-09-10      Washington 89.0        44    11.0        20
## 35159   WI 2008-09-10    Wisconsin  75.0        10    25.0       137

```

##	state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
## 3160	California	61	37	55	55 days	-7.0	24
## 4132	Colorado	54	45	9	55 days	8.0	9
## 4739	Connecticut	61	38	7	55 days	82.6	23
## 5234	D.C.	92	7	3	55 days	94.0	85
## 5990	Delaware	62	37	3	55 days	89.0	25
## 6590	Florida	51	48	27	55 days	-30.6	3
## 8263	Hawaii	72	27	4	55 days	95.4	45
## 8888	Iowa	54	44	7	55 days	51.4	10
## 10446	Illinois	62	37	21	55 days	93.0	25
## 11055	Indiana	50	49	11	55 days	-53.8	1
## 14400	Massachusetts	62	36	12	55 days	90.0	26
## 14710	Maryland	62	36	10	55 days	82.8	26
## 15427	Maine	58	40	4	55 days	82.0	18
## 16050	Michigan	57	41	17	55 days	20.0	16
## 17142	Minnesota	54	44	10	55 days	53.6	10
## 20104	North Carolina	50	49	15	55 days	-78.0	1
## 22005	New Hampshire	54	45	4	55 days	14.0	9
## 22854	New Jersey	57	42	15	55 days	80.0	15
## 23341	New Mexico	57	42	5	55 days	30.0	15
## 24529	Nevada	55	43	5	55 days	-10.0	12
## 24796	New York	63	36	31	55 days	85.0	27
## 25780	Ohio	51	47	20	55 days	-15.0	4
## 27119	Oregon	57	40	7	55 days	73.9	17
## 28172	Pennsylvania	55	44	21	55 days	43.0	11
## 28576	Rhode Island	63	35	4	55 days	86.6	28
## 32721	Virginia	53	46	13	55 days	-10.0	7
## 33682	Vermont	67	30	3	55 days	86.8	37
## 34421	Washington	58	40	11	55 days	78.0	18
## 35159	Wisconsin	56	42	10	55 days	50.0	14
##	Obamawin						
## 3160	1						
## 4132	1						
## 4739	1						
## 5234	1						
## 5990	1						
## 6590	1						
## 8263	1						
## 8888	1						
## 10446	1						
## 11055	1						
## 14400	1						
## 14710	1						
## 15427	1						
## 16050	1						
## 17142	1						
## 20104	1						
## 22005	1						
## 22854	1						
## 23341	1						
## 24529	1						
## 24796	1						
## 25780	1						
## 27119	1						

```

## 28172      1
## 28576      1
## 32721      1
## 33682      1
## 34421      1
## 35159      1
##
## Running total is: 364
## I is: 2008-10-23
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3045    CA 2008-10-23    California  96.8      1    3.2      1
## 4139    CO 2008-10-23    Colorado   85.5     85   14.5     60
## 4625    CT 2008-10-23    Connecticut 97.1      0    2.9      0
## 5240    DC 2008-10-23 District of Columbia 97.0      0    3.0      0
## 5787    DE 2008-10-23    Delaware   95.5      0    4.5      0
## 6597    FL 2008-10-23    Florida   66.0    274   35.2    252
## 8512    HI 2008-10-23    Hawaii    97.7      0    2.3      0
## 8896    IA 2008-10-23    Iowa     88.0     66   12.0    100
## 10453   IL 2008-10-23    Illinois  95.5      0    4.5      0
## 11303   IN 2008-10-23    Indiana  44.5    2283   55.5    872
## 13878   MA 2008-10-23    Massachusetts 97.4      0    2.6      0
## 14962   MD 2008-10-23    Maryland  96.0      0    4.0      0
## 15433   ME 2008-10-23    Maine    96.2      0    3.8      0
## 16419   MI 2008-10-23    Michigan  94.4     57    5.6      0
## 16824   MN 2008-10-23    Minnesota 91.0      0    9.0     10
## 19989   NC 2008-10-23    North Carolina 65.0    172   35.0    209
## 22134   NH 2008-10-23    New Hampshire 87.0      0   13.0     18
## 22620   NJ 2008-10-23    New Jersey  95.5      0    4.5      0
## 23592   NM 2008-10-23    New Mexico  88.2      0   11.8      0
## 24334   NV 2008-10-23    Nevada    72.9    123   27.1    224
## 24803   NY 2008-10-23    New York   96.3      0    3.7      0
## 25354   OH 2008-10-23    Ohio     71.0    295   29.0    157
## 27003   OR 2008-10-23    Oregon    96.5      0    3.5      0
## 28060   PA 2008-10-23    Pennsylvania 85.0    173   15.0    312
## 28856   RI 2008-10-23    Rhode Island 95.5      0    4.5      0
## 32851   VA 2008-10-23    Virginia   82.0    185   18.0     16
## 33294   VT 2008-10-23    Vermont    95.0      0    5.0      0
## 34549   WA 2008-10-23    Washington 96.8      0    3.2      0
## 34800   WI 2008-10-23    Wisconsin  91.0    143    9.0      0
##
##      state.name Obama McCain EV DaysToElection obama.intmarg obama.actmarg
## 3045    California    61    37 55      12 days      93.6      24
## 4139    Colorado     54    45 9      12 days      71.0      9
## 4625    Connecticut   61    38 7      12 days      94.2     23
## 5240      D.C.       92     7 3      12 days      94.0     85
## 5787    Delaware     62    37 3      12 days      91.0     25
## 6597    Florida     51    48 27     12 days      30.8      3
## 8512    Hawaii       72    27 4      12 days      95.4     45
## 8896    Iowa        54    44 7      12 days      76.0     10
## 10453   Illinois    62    37 21     12 days      91.0     25
## 11303   Indiana     50    49 11     12 days     -11.0      1
## 13878   Massachusetts 62    36 12     12 days      94.8     26
## 14962   Maryland    62    36 10     12 days      92.0     26
## 15433   Maine       58    40 4      12 days      92.4     18
## 16419   Michigan    57    41 17     12 days      88.8     16

```

##	16824	Minnesota	54	44	10	12 days	82.0	10
##	19989	North Carolina	50	49	15	12 days	30.0	1
##	22134	New Hampshire	54	45	4	12 days	74.0	9
##	22620	New Jersey	57	42	15	12 days	91.0	15
##	23592	New Mexico	57	42	5	12 days	76.4	15
##	24334	Nevada	55	43	5	12 days	45.8	12
##	24803	New York	63	36	31	12 days	92.6	27
##	25354	Ohio	51	47	20	12 days	42.0	4
##	27003	Oregon	57	40	7	12 days	93.0	17
##	28060	Pennsylvania	55	44	21	12 days	70.0	11
##	28856	Rhode Island	63	35	4	12 days	91.0	28
##	32851	Virginia	53	46	13	12 days	64.0	7
##	33294	Vermont	67	30	3	12 days	90.0	37
##	34549	Washington	58	40	11	12 days	93.6	18
##	34800	Wisconsin	56	42	10	12 days	82.0	14

Obamawin

##	3045	1
##	4139	1
##	4625	1
##	5240	1
##	5787	1
##	6597	1
##	8512	1
##	8896	1
##	10453	1
##	11303	1
##	13878	1
##	14962	1
##	15433	1
##	16419	1
##	16824	1
##	19989	1
##	22134	1
##	22620	1
##	23592	1
##	24334	1
##	24803	1
##	25354	1
##	27003	1
##	28060	1
##	28856	1
##	32851	1
##	33294	1
##	34549	1
##	34800	1

##

Running total is: 364

I is: 2008-10-04

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR	
##	3535	CA	2008-10-04	California	94.0	1	7.0	5
##	4021	CO	2008-10-04	Colorado	69.9	1	30.0	0
##	4751	CT	2008-10-04	Connecticut	95.5	0	4.5	0
##	5746	DC	2008-10-04	District of Columbia	97.0	0	3.0	0
##	6406	DE	2008-10-04	Delaware	94.0	1	6.0	0

##	7045	FL	2008-10-04	Florida	53.5	130	45.0	100
##	8028	HI	2008-10-04	Hawaii	97.7	0	2.3	0
##	9020	IA	2008-10-04	Iowa	90.0	0	10.0	0
##	10456	IL	2008-10-04	Illinois	95.5	0	4.5	0
##	11064	IN	2008-10-04	Indiana	36.0	101	64.0	23
##	13922	MA	2008-10-04	Massachusetts	96.5	0	3.5	0
##	14842	MD	2008-10-04	Maryland	96.0	0	4.0	0
##	15235	ME	2008-10-04	Maine	92.0	0	8.0	0
##	16505	MI	2008-10-04	Michigan	87.0	63	10.0	28
##	17153	MN	2008-10-04	Minnesota	80.0	55	20.0	25
##	19627	NC	2008-10-04	North Carolina	48.1	322	51.9	194
##	22014	NH	2008-10-04	New Hampshire	70.1	15	28.1	2
##	22540	NJ	2008-10-04	New Jersey	92.5	0	7.5	10
##	23350	NM	2008-10-04	New Mexico	80.0	17	20.0	0
##	24569	NV	2008-10-04	Nevada	60.0	229	37.0	44
##	24927	NY	2008-10-04	New York	96.8	0	3.2	0
##	25872	OH	2008-10-04	Ohio	58.3	1	45.0	45
##	27129	OR	2008-10-04	Oregon	91.6	0	8.4	50
##	27858	PA	2008-10-04	Pennsylvania	81.0	93	22.5	12
##	28343	RI	2008-10-04	Rhode Island	95.0	0	5.0	0
##	33096	VA	2008-10-04	Virginia	55.0	111	46.0	100
##	33893	VT	2008-10-04	Vermont	95.0	0	5.0	0
##	34674	WA	2008-10-04	Washington	95.5	0	4.5	0
##	35289	WI	2008-10-04	Wisconsin	84.8	0	17.5	5
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	3535	California	61	37	55	31 days	87.0	24
##	4021	Colorado	54	45	9	31 days	39.9	9
##	4751	Connecticut	61	38	7	31 days	91.0	23
##	5746	D.C.	92	7	3	31 days	94.0	85
##	6406	Delaware	62	37	3	31 days	88.0	25
##	7045	Florida	51	48	27	31 days	8.5	3
##	8028	Hawaii	72	27	4	31 days	95.4	45
##	9020	Iowa	54	44	7	31 days	80.0	10
##	10456	Illinois	62	37	21	31 days	91.0	25
##	11064	Indiana	50	49	11	31 days	-28.0	1
##	13922	Massachusetts	62	36	12	31 days	93.0	26
##	14842	Maryland	62	36	10	31 days	92.0	26
##	15235	Maine	58	40	4	31 days	84.0	18
##	16505	Michigan	57	41	17	31 days	77.0	16
##	17153	Minnesota	54	44	10	31 days	60.0	10
##	19627	North Carolina	50	49	15	31 days	-3.8	1
##	22014	New Hampshire	54	45	4	31 days	42.0	9
##	22540	New Jersey	57	42	15	31 days	85.0	15
##	23350	New Mexico	57	42	5	31 days	60.0	15
##	24569	Nevada	55	43	5	31 days	23.0	12
##	24927	New York	63	36	31	31 days	93.6	27
##	25872	Ohio	51	47	20	31 days	13.3	4
##	27129	Oregon	57	40	7	31 days	83.2	17
##	27858	Pennsylvania	55	44	21	31 days	58.5	11
##	28343	Rhode Island	63	35	4	31 days	90.0	28
##	33096	Virginia	53	46	13	31 days	9.0	7
##	33893	Vermont	67	30	3	31 days	90.0	37
##	34674	Washington	58	40	11	31 days	91.0	18
##	35289	Wisconsin	56	42	10	31 days	67.3	14

Obamawin

3535 1
4021 1
4751 1
5746 1
6406 1
7045 1
8028 1
9020 1
10456 1
11064 1
13922 1
14842 1
15235 1
16505 1
17153 1
19627 1
22014 1
22540 1
23350 1
24569 1
24927 1
25872 1
27129 1
27858 1
28343 1
33096 1
33893 1
34674 1
35289 1

##

Running total is: 364

I is: 2008-08-08

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR
## 2894	CA	2008-08-08	California	89.5	0	10.5	10
## 3827	CO	2008-08-08	Colorado	63.4	0	36.6	0
## 4638	CT	2008-08-08	Connecticut	87.0	1	13.0	0
## 5618	DC	2008-08-08	District of Columbia	96.3	0	3.7	0
## 6090	DE	2008-08-08	Delaware	88.0	0	12.0	0
## 7054	FL	2008-08-08	Florida	39.0	0	61.0	0
## 8075	HI	2008-08-08	Hawaii	95.3	0	4.7	0
## 8865	IA	2008-08-08	Iowa	72.5	0	27.5	0
## 10180	IL	2008-08-08	Illinois	94.0	0	6.0	0
## 10847	IN	2008-08-08	Indiana	38.0	10	62.0	0
## 14013	MA	2008-08-08	Massachusetts	92.5	0	7.5	0
## 14606	MD	2008-08-08	Maryland	89.0	0	11.0	0
## 15241	ME	2008-08-08	Maine	84.3	0	15.7	0
## 16065	MI	2008-08-08	Michigan	75.0	10	25.0	0
## 16713	MN	2008-08-08	Minnesota	84.2	0	15.8	0
## 19878	NC	2008-08-08	North Carolina	30.0	0	70.0	0
## 21900	NH	2008-08-08	New Hampshire	60.0	10	40.0	0
## 22508	NJ	2008-08-08	New Jersey	88.0	0	12.0	0
## 23237	NM	2008-08-08	New Mexico	72.9	0	27.1	0
## 24182	NV	2008-08-08	Nevada	50.9	0	49.1	0

##	24689	NY	2008-08-08	New York	93.0	0	7.0	0
##	25472	OH	2008-08-08	Ohio	59.9	1	40.1	1
##	27135	OR	2008-08-08	Oregon	87.0	0	13.0	0
##	27866	PA	2008-08-08	Pennsylvania	75.0	0	25.0	5
##	28596	RI	2008-08-08	Rhode Island	92.5	0	7.5	0
##	32740	VA	2008-08-08	Virginia	58.0	3	42.0	0
##	33457	VT	2008-08-08	Vermont	91.0	0	9.0	0
##	34439	WA	2008-08-08	Washington	90.3	0	9.7	0
##	35299	WI	2008-08-08	Wisconsin	82.0	0	18.0	30
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	2894	California	61	37	55	88 days	79.0	24
##	3827	Colorado	54	45	9	88 days	26.8	9
##	4638	Connecticut	61	38	7	88 days	74.0	23
##	5618	D.C.	92	7	3	88 days	92.6	85
##	6090	Delaware	62	37	3	88 days	76.0	25
##	7054	Florida	51	48	27	88 days	-22.0	3
##	8075	Hawaii	72	27	4	88 days	90.6	45
##	8865	Iowa	54	44	7	88 days	45.0	10
##	10180	Illinois	62	37	21	88 days	88.0	25
##	10847	Indiana	50	49	11	88 days	-24.0	1
##	14013	Massachusetts	62	36	12	88 days	85.0	26
##	14606	Maryland	62	36	10	88 days	78.0	26
##	15241	Maine	58	40	4	88 days	68.6	18
##	16065	Michigan	57	41	17	88 days	50.0	16
##	16713	Minnesota	54	44	10	88 days	68.4	10
##	19878	North Carolina	50	49	15	88 days	-40.0	1
##	21900	New Hampshire	54	45	4	88 days	20.0	9
##	22508	New Jersey	57	42	15	88 days	76.0	15
##	23237	New Mexico	57	42	5	88 days	45.8	15
##	24182	Nevada	55	43	5	88 days	1.8	12
##	24689	New York	63	36	31	88 days	86.0	27
##	25472	Ohio	51	47	20	88 days	19.8	4
##	27135	Oregon	57	40	7	88 days	74.0	17
##	27866	Pennsylvania	55	44	21	88 days	50.0	11
##	28596	Rhode Island	63	35	4	88 days	85.0	28
##	32740	Virginia	53	46	13	88 days	16.0	7
##	33457	Vermont	67	30	3	88 days	82.0	37
##	34439	Washington	58	40	11	88 days	80.6	18
##	35299	Wisconsin	56	42	10	88 days	64.0	14
##		Obamawin						
##	2894	1						
##	3827	1						
##	4638	1						
##	5618	1						
##	6090	1						
##	7054	1						
##	8075	1						
##	8865	1						
##	10180	1						
##	10847	1						
##	14013	1						
##	14606	1						
##	15241	1						
##	16065	1						


```

## 16713      1
## 19878      1
## 21900      1
## 22508      1
## 23237      1
## 24182      1
## 24689      1
## 25472      1
## 27135      1
## 27866      1
## 28596      1
## 32740      1
## 33457      1
## 34439      1
## 35299      1
##
## Running total is: 364
## I is: 2008-10-05
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3465    CA 2008-10-05    California  94.3      40    5.7      0
## 4072    CO 2008-10-05    Colorado   69.0     136   31.0     26
## 4681    CT 2008-10-05    Connecticut 93.0      0    7.0      0
## 5702    DC 2008-10-05 District of Columbia 97.0      0    3.0      0
## 6255    DE 2008-10-05    Delaware   97.0      0    3.0      0
## 7096    FL 2008-10-05    Florida   55.4      0   45.6      0
## 7971    HI 2008-10-05    Hawaii    97.7      0    2.3      0
## 8950    IA 2008-10-05    Iowa     87.1     15   12.9      0
## 10507   IL 2008-10-05    Illinois 96.0      5    4.0      0
## 10994   IN 2008-10-05    Indiana  35.1      1   64.9     21
## 13771   MA 2008-10-05    Massachusetts 96.5      0    3.5      0
## 14893   MD 2008-10-05    Maryland 93.1      0    6.9      0
## 15203   ME 2008-10-05    Maine    92.4      0    7.6      0
## 16354   MI 2008-10-05    Michigan 89.8      0   10.2      0
## 17204   MN 2008-10-05    Minnesota 82.0      7   18.0     10
## 19678   NC 2008-10-05    North Carolina 47.0     134   53.0     15
## 21823   NH 2008-10-05    New Hampshire 70.1     21   29.9     12
## 22591   NJ 2008-10-05    New Jersey 93.0      3    7.0      0
## 23280   NM 2008-10-05    New Mexico 79.5      1   20.5      0
## 24511   NV 2008-10-05    Nevada   60.0      5   40.0      5
## 24736   NY 2008-10-05    New York 96.5      0    3.5      0
## 25721   OH 2008-10-05    Ohio     59.5      1   40.5     80
## 27059   OR 2008-10-05    Oregon   92.1      0    7.9      0
## 27788   PA 2008-10-05    Pennsylvania 83.5     16   16.5      0
## 28394   RI 2008-10-05    Rhode Island 95.0      0    5.0      0
## 33026   VA 2008-10-05    Virginia 55.0     31   45.0      0
## 33823   VT 2008-10-05    Vermont  95.0      0    5.0      0
## 34708   WA 2008-10-05    Washington 93.4      0    6.6      0
## 35340   WI 2008-10-05    Wisconsin 83.7      0   16.3      5
##
##      state.name Obama McCain EV DaysToElection obama.intmarg obama.actmarg
## 3465    California    61    37 55        30 days         88.6          24
## 4072     Colorado    54    45  9        30 days         38.0           9
## 4681   Connecticut    61    38  7        30 days         86.0          23
## 5702         D.C.    92     7  3        30 days         94.0          85
## 6255     Delaware    62    37  3        30 days         94.0          25

```

##	7096	Florida	51	48 27	30 days	9.8	3
##	7971	Hawaii	72	27 4	30 days	95.4	45
##	8950	Iowa	54	44 7	30 days	74.2	10
##	10507	Illinois	62	37 21	30 days	92.0	25
##	10994	Indiana	50	49 11	30 days	-29.8	1
##	13771	Massachusetts	62	36 12	30 days	93.0	26
##	14893	Maryland	62	36 10	30 days	86.2	26
##	15203	Maine	58	40 4	30 days	84.8	18
##	16354	Michigan	57	41 17	30 days	79.6	16
##	17204	Minnesota	54	44 10	30 days	64.0	10
##	19678	North Carolina	50	49 15	30 days	-6.0	1
##	21823	New Hampshire	54	45 4	30 days	40.2	9
##	22591	New Jersey	57	42 15	30 days	86.0	15
##	23280	New Mexico	57	42 5	30 days	59.0	15
##	24511	Nevada	55	43 5	30 days	20.0	12
##	24736	New York	63	36 31	30 days	93.0	27
##	25721	Ohio	51	47 20	30 days	19.0	4
##	27059	Oregon	57	40 7	30 days	84.2	17
##	27788	Pennsylvania	55	44 21	30 days	67.0	11
##	28394	Rhode Island	63	35 4	30 days	90.0	28
##	33026	Virginia	53	46 13	30 days	10.0	7
##	33823	Vermont	67	30 3	30 days	90.0	37
##	34708	Washington	58	40 11	30 days	86.8	18
##	35340	Wisconsin	56	42 10	30 days	67.4	14
##	Obamawin						
##	3465	1					
##	4072	1					
##	4681	1					
##	5702	1					
##	6255	1					
##	7096	1					
##	7971	1					
##	8950	1					
##	10507	1					
##	10994	1					
##	13771	1					
##	14893	1					
##	15203	1					
##	16354	1					
##	17204	1					
##	19678	1					
##	21823	1					
##	22591	1					
##	23280	1					
##	24511	1					
##	24736	1					
##	25721	1					
##	27059	1					
##	27788	1					
##	28394	1					
##	33026	1					
##	33823	1					
##	34708	1					
##	35340	1					

```

##
## Running total is: 364
## I is: 2008-08-20
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3060    CA 2008-08-20    California  88.3      0  11.7      0
## 3912    CO 2008-08-20      Colorado  55.5      0  44.5      0
## 4519    CT 2008-08-20    Connecticut  88.0      0  12.0      4
## 5255    DC 2008-08-20 District of Columbia 96.3      0   3.7      0
## 5851    DE 2008-08-20      Delaware  88.0      0  12.0      0
## 6613    FL 2008-08-20      Florida  34.5      5  65.5      1
## 8163    HI 2008-08-20      Hawaii   95.2      0   4.8      0
## 9155    IA 2008-08-20      Iowa     75.0      0  25.0     79
## 10591   IL 2008-08-20     Illinois  95.5      0   4.5      0
## 11197   IN 2008-08-20      Indiana  35.1     12  64.9      0
## 13813   MA 2008-08-20    Massachusetts 93.8      0   6.2      0
## 14651   MD 2008-08-20      Maryland 89.8      0  10.2      0
## 15245   ME 2008-08-20      Maine    84.3      0  15.7      0
## 16193   MI 2008-08-20      Michigan 66.0      6  34.0     50
## 16922   MN 2008-08-20     Minnesota 76.5      1  23.5     40
## 19541   NC 2008-08-20    North Carolina 28.9      0  71.1      0
## 21733   NH 2008-08-20    New Hampshire 62.4      5  37.6      5
## 22438   NJ 2008-08-20      New Jersey 86.6      0  13.4      0
## 23156   NM 2008-08-20      New Mexico 70.0     18  30.0      0
## 24186   NV 2008-08-20      Nevada   51.5      0  48.5      0
## 24627   NY 2008-08-20      New York  91.3      0   8.7      0
## 25367   OH 2008-08-20      Ohio     50.0     69  50.0      3
## 27140   OR 2008-08-20      Oregon   87.1      0  12.9      0
## 27499   PA 2008-08-20     Pennsylvania 70.0     25  30.0      0
## 28233   RI 2008-08-20      Rhode Island 90.0     53  10.0     50
## 32865   VA 2008-08-20      Virginia 52.3      0  47.7      0
## 33582   VT 2008-08-20      Vermont  91.0      0   9.0      0
## 34715   WA 2008-08-20      Washington 90.3      0   9.7      0
## 34938   WI 2008-08-20     Wisconsin 75.0     66  25.0     73
##      state.name Obama McCain EV DaysToElection obama.intmarg obama.actmarg
## 3060    California    61    37 55      76 days      76.6      24
## 3912     Colorado    54    45  9      76 days      11.0       9
## 4519   Connecticut    61    38  7      76 days      76.0     23
## 5255        D.C.     92     7  3      76 days      92.6     85
## 5851     Delaware    62    37  3      76 days      76.0     25
## 6613     Florida     51    48 27      76 days     -31.0       3
## 8163     Hawaii     72    27  4      76 days      90.4     45
## 9155      Iowa      54    44  7      76 days      50.0     10
## 10591    Illinois    62    37 21      76 days      91.0     25
## 11197    Indiana    50    49 11      76 days     -29.8       1
## 13813  Massachusetts    62    36 12      76 days      87.6     26
## 14651    Maryland    62    36 10      76 days      79.6     26
## 15245     Maine      58    40  4      76 days      68.6     18
## 16193    Michigan    57    41 17      76 days      32.0     16
## 16922    Minnesota    54    44 10      76 days      53.0     10
## 19541  North Carolina    50    49 15      76 days     -42.2       1
## 21733  New Hampshire    54    45  4      76 days      24.8       9
## 22438    New Jersey    57    42 15      76 days      73.2     15
## 23156    New Mexico    57    42  5      76 days      40.0     15
## 24186     Nevada     55    43  5      76 days       3.0     12

```

##	24627	New York	63	36	31	76 days	82.6	27
##	25367	Ohio	51	47	20	76 days	0.0	4
##	27140	Oregon	57	40	7	76 days	74.2	17
##	27499	Pennsylvania	55	44	21	76 days	40.0	11
##	28233	Rhode Island	63	35	4	76 days	80.0	28
##	32865	Virginia	53	46	13	76 days	4.6	7
##	33582	Vermont	67	30	3	76 days	82.0	37
##	34715	Washington	58	40	11	76 days	80.6	18
##	34938	Wisconsin	56	42	10	76 days	50.0	14

Obamawin

##	3060	1
##	3912	1
##	4519	1
##	5255	1
##	5851	1
##	6613	1
##	8163	1
##	9155	1
##	10591	1
##	11197	1
##	13813	1
##	14651	1
##	15245	1
##	16193	1
##	16922	1
##	19541	1
##	21733	1
##	22438	1
##	23156	1
##	24186	1
##	24627	1
##	25367	1
##	27140	1
##	27499	1
##	28233	1
##	32865	1
##	33582	1
##	34715	1
##	34938	1

##

Running total is: 364

I is: 2008-10-09

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR
##	3426	CA 2008-10-09	California	95.0	0	5.0	0
##	3791	CO 2008-10-09	Colorado	74.0	30	26.0	0
##	4885	CT 2008-10-09	Connecticut	93.8	0	6.2	0
##	5743	DC 2008-10-09	District of Columbia	97.0	0	3.0	0
##	6216	DE 2008-10-09	Delaware	95.5	0	4.5	0
##	6936	FL 2008-10-09	Florida	67.0	356	33.0	342
##	7962	HI 2008-10-09	Hawaii	97.7	0	2.3	0
##	9154	IA 2008-10-09	Iowa	88.5	2	11.5	0
##	10711	IL 2008-10-09	Illinois	96.6	0	3.4	0
##	11198	IN 2008-10-09	Indiana	40.0	333	60.0	142
##	13814	MA 2008-10-09	Massachusetts	98.3	0	1.7	0

##	14976	MD	2008-10-09	Maryland	94.3	0	5.7	0
##	15248	ME	2008-10-09	Maine	91.3	0	8.7	0
##	16275	MI	2008-10-09	Michigan	91.9	1	8.1	0
##	17044	MN	2008-10-09	Minnesota	83.8	47	16.2	15
##	19611	NC	2008-10-09	North Carolina	66.0	110	34.0	558
##	21904	NH	2008-10-09	New Hampshire	80.0	52	20.0	136
##	22437	NJ	2008-10-09	New Jersey	92.5	0	7.5	0
##	23168	NM	2008-10-09	New Mexico	80.1	8	19.9	0
##	24310	NV	2008-10-09	Nevada	78.0	36	22.0	20
##	24609	NY	2008-10-09	New York	96.5	0	3.5	0
##	25477	OH	2008-10-09	Ohio	69.9	42	30.1	75
##	27141	OR	2008-10-09	Oregon	92.8	14	7.0	8
##	27992	PA	2008-10-09	Pennsylvania	85.0	16	15.0	19
##	28598	RI	2008-10-09	Rhode Island	95.0	0	5.0	0
##	32866	VA	2008-10-09	Virginia	69.5	12	30.5	5
##	33460	VT	2008-10-09	Vermont	95.0	0	5.0	0
##	34645	WA	2008-10-09	Washington	93.1	0	6.9	15
##	35410	WI	2008-10-09	Wisconsin	85.0	122	15.0	22
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	3426	California	61	37	55	26 days	90.0	24
##	3791	Colorado	54	45	9	26 days	48.0	9
##	4885	Connecticut	61	38	7	26 days	87.6	23
##	5743	D.C.	92	7	3	26 days	94.0	85
##	6216	Delaware	62	37	3	26 days	91.0	25
##	6936	Florida	51	48	27	26 days	34.0	3
##	7962	Hawaii	72	27	4	26 days	95.4	45
##	9154	Iowa	54	44	7	26 days	77.0	10
##	10711	Illinois	62	37	21	26 days	93.2	25
##	11198	Indiana	50	49	11	26 days	-20.0	1
##	13814	Massachusetts	62	36	12	26 days	96.6	26
##	14976	Maryland	62	36	10	26 days	88.6	26
##	15248	Maine	58	40	4	26 days	82.6	18
##	16275	Michigan	57	41	17	26 days	83.8	16
##	17044	Minnesota	54	44	10	26 days	67.6	10
##	19611	North Carolina	50	49	15	26 days	32.0	1
##	21904	New Hampshire	54	45	4	26 days	60.0	9
##	22437	New Jersey	57	42	15	26 days	85.0	15
##	23168	New Mexico	57	42	5	26 days	60.2	15
##	24310	Nevada	55	43	5	26 days	56.0	12
##	24609	New York	63	36	31	26 days	93.0	27
##	25477	Ohio	51	47	20	26 days	39.8	4
##	27141	Oregon	57	40	7	26 days	85.8	17
##	27992	Pennsylvania	55	44	21	26 days	70.0	11
##	28598	Rhode Island	63	35	4	26 days	90.0	28
##	32866	Virginia	53	46	13	26 days	39.0	7
##	33460	Vermont	67	30	3	26 days	90.0	37
##	34645	Washington	58	40	11	26 days	86.2	18
##	35410	Wisconsin	56	42	10	26 days	70.0	14
##		Obamawin						
##	3426	1						
##	3791	1						
##	4885	1						
##	5743	1						
##	6216	1						

```

## 6936      1
## 7962      1
## 9154      1
## 10711     1
## 11198     1
## 13814     1
## 14976     1
## 15248     1
## 16275     1
## 17044     1
## 19611     1
## 21904     1
## 22437     1
## 23168     1
## 24310     1
## 24609     1
## 25477     1
## 27141     1
## 27992     1
## 28598     1
## 32866     1
## 33460     1
## 34645     1
## 35410     1

```

```
##
```

```
## Running total is: 364
```

```
## I is: 2008-09-13
```

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR
## 3192	CA	2008-09-13	California	88.1	24	9.8	0
## 4245	CO	2008-09-13	Colorado	55.0	5	45.2	1
## 4771	CT	2008-09-13	Connecticut	91.3	0	11.5	4
## 5387	DC	2008-09-13	District of Columbia	97.0	0	3.0	0
## 5982	DE	2008-09-13	Delaware	95.0	0	5.5	0
## 6703	FL	2008-09-13	Florida	29.9	1	74.0	11
## 8295	HI	2008-09-13	Hawaii	97.7	0	2.3	0
## 9041	IA	2008-09-13	Iowa	71.7	38	26.3	10
## 10478	IL	2008-09-13	Illinois	96.5	0	3.5	0
## 11208	IN	2008-09-13	Indiana	20.0	0	79.9	1
## 14351	MA	2008-09-13	Massachusetts	97.0	0	3.5	0
## 14742	MD	2008-09-13	Maryland	91.4	0	8.6	0
## 15580	ME	2008-09-13	Maine	90.0	0	10.1	0
## 16203	MI	2008-09-13	Michigan	62.0	45	39.9	35
## 17174	MN	2008-09-13	Minnesota	75.0	0	25.0	0
## 20096	NC	2008-09-13	North Carolina	14.0	0	89.0	0
## 22158	NH	2008-09-13	New Hampshire	57.9	0	44.8	31
## 22886	NJ	2008-09-13	New Jersey	84.1	0	16.0	2
## 23494	NM	2008-09-13	New Mexico	59.7	0	45.0	24
## 24521	NV	2008-09-13	Nevada	41.5	0	61.7	15
## 24949	NY	2008-09-13	New York	94.0	0	8.0	0
## 25893	OH	2008-09-13	Ohio	40.0	26	60.0	29
## 27272	OR	2008-09-13	Oregon	85.0	0	17.5	14
## 28123	PA	2008-09-13	Pennsylvania	67.5	12	33.0	53
## 28729	RI	2008-09-13	Rhode Island	93.3	0	6.7	0
## 32874	VA	2008-09-13	Virginia	37.0	0	63.0	4

## 33714	VT 2008-09-13		Vermont	90.0	0	8.0	0
## 34574	WA 2008-09-13		Washington	83.0	0	17.2	116
## 35070	WI 2008-09-13		Wisconsin	72.4	0	27.6	35
##	state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
## 3192	California	61	37	55	52 days	78.3	24
## 4245	Colorado	54	45	9	52 days	9.8	9
## 4771	Connecticut	61	38	7	52 days	79.8	23
## 5387	D.C.	92	7	3	52 days	94.0	85
## 5982	Delaware	62	37	3	52 days	89.5	25
## 6703	Florida	51	48	27	52 days	-44.1	3
## 8295	Hawaii	72	27	4	52 days	95.4	45
## 9041	Iowa	54	44	7	52 days	45.4	10
## 10478	Illinois	62	37	21	52 days	93.0	25
## 11208	Indiana	50	49	11	52 days	-59.9	1
## 14351	Massachusetts	62	36	12	52 days	93.5	26
## 14742	Maryland	62	36	10	52 days	82.8	26
## 15580	Maine	58	40	4	52 days	79.9	18
## 16203	Michigan	57	41	17	52 days	22.1	16
## 17174	Minnesota	54	44	10	52 days	50.0	10
## 20096	North Carolina	50	49	15	52 days	-75.0	1
## 22158	New Hampshire	54	45	4	52 days	13.1	9
## 22886	New Jersey	57	42	15	52 days	68.1	15
## 23494	New Mexico	57	42	5	52 days	14.7	15
## 24521	Nevada	55	43	5	52 days	-20.2	12
## 24949	New York	63	36	31	52 days	86.0	27
## 25893	Ohio	51	47	20	52 days	-20.0	4
## 27272	Oregon	57	40	7	52 days	67.5	17
## 28123	Pennsylvania	55	44	21	52 days	34.5	11
## 28729	Rhode Island	63	35	4	52 days	86.6	28
## 32874	Virginia	53	46	13	52 days	-26.0	7
## 33714	Vermont	67	30	3	52 days	82.0	37
## 34574	Washington	58	40	11	52 days	65.8	18
## 35070	Wisconsin	56	42	10	52 days	44.8	14
##	Obamawin						
## 3192	1						
## 4245	1						
## 4771	1						
## 5387	1						
## 5982	1						
## 6703	1						
## 8295	1						
## 9041	1						
## 10478	1						
## 11208	1						
## 14351	1						
## 14742	1						
## 15580	1						
## 16203	1						
## 17174	1						
## 20096	1						
## 22158	1						
## 22886	1						
## 23494	1						
## 24521	1						

```

## 24949      1
## 25893      1
## 27272      1
## 28123      1
## 28729      1
## 32874      1
## 33714      1
## 34574      1
## 35070      1
##
## Running total is: 364
## I is: 2008-10-03
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3484    CA 2008-10-03    California   94.5     685    5.5      0
## 4091    CO 2008-10-03    Colorado    69.9     145   30.0     144
## 4821    CT 2008-10-03    Connecticut  95.5      0    4.5      20
## 5722    DC 2008-10-03 District of Columbia  97.0      0    3.0      0
## 6355    DE 2008-10-03    Delaware   94.0      2    6.0      0
## 6994    FL 2008-10-03    Florida   53.5     307   46.5     154
## 7990    HI 2008-10-03    Hawaii    97.7      0    2.3      0
## 9090    IA 2008-10-03    Iowa     90.0      67   10.0      0
## 10526   IL 2008-10-03    Illinois  95.5      0    4.5      0
## 11013   IN 2008-10-03    Indiana  34.8     351   65.2      59
## 13871   MA 2008-10-03    Massachusetts 96.5      0    3.5      0
## 14872   MD 2008-10-03    Maryland  96.0      5    4.0      0
## 15265   ME 2008-10-03    Maine    92.0      0    8.0      0
## 16535   MI 2008-10-03    Michigan  88.0     187   12.0      58
## 17304   MN 2008-10-03    Minnesota 83.0     315   17.0      41
## 19697   NC 2008-10-03    North Carolina 48.1     241   51.9     683
## 21963   NH 2008-10-03    New Hampshire 71.9     212   28.1     156
## 22691   NJ 2008-10-03    New Jersey  92.5      23    7.5       5
## 23299   NM 2008-10-03    New Mexico  80.0      83   20.0       1
## 24585   NV 2008-10-03    Nevada    63.0      82   37.0      23
## 24876   NY 2008-10-03    New York   96.8      0    3.2      35
## 25982   OH 2008-10-03    Ohio     58.3     156   41.7     130
## 27199   OR 2008-10-03    Oregon    91.6      0    8.4      29
## 27928   PA 2008-10-03    Pennsylvania 85.0      61   15.0      17
## 28332   RI 2008-10-03    Rhode Island 95.0      0    5.0       0
## 33045   VA 2008-10-03    Virginia   60.0     184   40.0     166
## 33882   VT 2008-10-03    Vermont    95.0      0    5.0       0
## 34703   WA 2008-10-03    Washington 95.5      1    4.5      35
## 35238   WI 2008-10-03    Wisconsin  84.8      3   15.2       2
##
##      state.name Obama McCain EV DaysToElection obama.intmarg obama.actmarg
## 3484    California    61    37 55      32 days      89.0      24
## 4091     Colorado    54    45 9      32 days      39.9       9
## 4821   Connecticut    61    38 7      32 days      91.0      23
## 5722         D.C.    92     7 3      32 days      94.0      85
## 6355     Delaware    62    37 3      32 days      88.0      25
## 6994     Florida    51    48 27      32 days       7.0       3
## 7990     Hawaii    72    27 4      32 days      95.4      45
## 9090      Iowa    54    44 7      32 days      80.0      10
## 10526    Illinois    62    37 21      32 days      91.0      25
## 11013    Indiana    50    49 11      32 days     -30.4       1
## 13871  Massachusetts    62    36 12      32 days      93.0      26

```


##	14872	Maryland	62	36	10	32 days	92.0	26
##	15265	Maine	58	40	4	32 days	84.0	18
##	16535	Michigan	57	41	17	32 days	76.0	16
##	17304	Minnesota	54	44	10	32 days	66.0	10
##	19697	North Carolina	50	49	15	32 days	-3.8	1
##	21963	New Hampshire	54	45	4	32 days	43.8	9
##	22691	New Jersey	57	42	15	32 days	85.0	15
##	23299	New Mexico	57	42	5	32 days	60.0	15
##	24585	Nevada	55	43	5	32 days	26.0	12
##	24876	New York	63	36	31	32 days	93.6	27
##	25982	Ohio	51	47	20	32 days	16.6	4
##	27199	Oregon	57	40	7	32 days	83.2	17
##	27928	Pennsylvania	55	44	21	32 days	70.0	11
##	28332	Rhode Island	63	35	4	32 days	90.0	28
##	33045	Virginia	53	46	13	32 days	20.0	7
##	33882	Vermont	67	30	3	32 days	90.0	37
##	34703	Washington	58	40	11	32 days	91.0	18
##	35238	Wisconsin	56	42	10	32 days	69.6	14
##		Obamawin						
##	3484	1						
##	4091	1						
##	4821	1						
##	5722	1						
##	6355	1						
##	6994	1						
##	7990	1						
##	9090	1						
##	10526	1						
##	11013	1						
##	13871	1						
##	14872	1						
##	15265	1						
##	16535	1						
##	17304	1						
##	19697	1						
##	21963	1						
##	22691	1						
##	23299	1						
##	24585	1						
##	24876	1						
##	25982	1						
##	27199	1						
##	27928	1						
##	28332	1						
##	33045	1						
##	33882	1						
##	34703	1						
##	35238	1						
##								
##	Running total is: 364							
##	I is: 2008-10-07							
##	state	day						
##	3324	CA	2008-10-07	California	93.5	4	6.5	0
##	3729	CO	2008-10-07	Colorado	70.0	42	30.0	7

## 4783	CT 2008-10-07	Connecticut	93.0	0	7.0	0	
## 5641	DC 2008-10-07	District of Columbia	97.0	0	3.0	0	
## 6114	DE 2008-10-07	Delaware	95.5	0	4.5	0	
## 7198	FL 2008-10-07	Florida	63.0	205	37.0	211	
## 7965	HI 2008-10-07	Hawaii	97.7	0	2.3	0	
## 9052	IA 2008-10-07	Iowa	90.0	109	10.0	0	
## 10609	IL 2008-10-07	Illinois	95.6	0	4.4	0	
## 11096	IN 2008-10-07	Indiana	39.9	240	60.1	185	
## 13833	MA 2008-10-07	Massachusetts	96.5	0	3.5	0	
## 14874	MD 2008-10-07	Maryland	93.1	0	6.9	0	
## 15266	ME 2008-10-07	Maine	92.4	0	7.6	0	
## 16214	MI 2008-10-07	Michigan	89.7	15	10.3	0	
## 17185	MN 2008-10-07	Minnesota	81.5	16	18.5	0	
## 19780	NC 2008-10-07	North Carolina	49.1	106	50.9	109	
## 21802	NH 2008-10-07	New Hampshire	72.5	18	27.5	37	
## 22463	NJ 2008-10-07	New Jersey	92.5	0	7.5	0	
## 23382	NM 2008-10-07	New Mexico	78.8	10	21.2	0	
## 24532	NV 2008-10-07	Nevada	64.0	55	36.0	89	
## 25081	NY 2008-10-07	New York	96.5	0	3.5	0	
## 25823	OH 2008-10-07	Ohio	64.0	169	36.0	372	
## 27161	OR 2008-10-07	Oregon	92.1	0	7.9	1	
## 27890	PA 2008-10-07	Pennsylvania	82.5	125	17.5	21	
## 28496	RI 2008-10-07	Rhode Island	95.0	0	5.0	0	
## 32764	VA 2008-10-07	Virginia	63.9	198	36.1	40	
## 33398	VT 2008-10-07	Vermont	95.0	0	5.0	0	
## 34583	WA 2008-10-07	Washington	94.0	8	6.0	24	
## 35321	WI 2008-10-07	Wisconsin	84.8	0	15.2	60	
##	state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
## 3324	California	61	37	55	28 days	87.0	24
## 3729	Colorado	54	45	9	28 days	40.0	9
## 4783	Connecticut	61	38	7	28 days	86.0	23
## 5641	D.C.	92	7	3	28 days	94.0	85
## 6114	Delaware	62	37	3	28 days	91.0	25
## 7198	Florida	51	48	27	28 days	26.0	3
## 7965	Hawaii	72	27	4	28 days	95.4	45
## 9052	Iowa	54	44	7	28 days	80.0	10
## 10609	Illinois	62	37	21	28 days	91.2	25
## 11096	Indiana	50	49	11	28 days	-20.2	1
## 13833	Massachusetts	62	36	12	28 days	93.0	26
## 14874	Maryland	62	36	10	28 days	86.2	26
## 15266	Maine	58	40	4	28 days	84.8	18
## 16214	Michigan	57	41	17	28 days	79.4	16
## 17185	Minnesota	54	44	10	28 days	63.0	10
## 19780	North Carolina	50	49	15	28 days	-1.8	1
## 21802	New Hampshire	54	45	4	28 days	45.0	9
## 22463	New Jersey	57	42	15	28 days	85.0	15
## 23382	New Mexico	57	42	5	28 days	57.6	15
## 24532	Nevada	55	43	5	28 days	28.0	12
## 25081	New York	63	36	31	28 days	93.0	27
## 25823	Ohio	51	47	20	28 days	28.0	4
## 27161	Oregon	57	40	7	28 days	84.2	17
## 27890	Pennsylvania	55	44	21	28 days	65.0	11
## 28496	Rhode Island	63	35	4	28 days	90.0	28
## 32764	Virginia	53	46	13	28 days	27.8	7

##	33398	Vermont	67	30	3	28 days	90.0	37
##	34583	Washington	58	40	11	28 days	88.0	18
##	35321	Wisconsin	56	42	10	28 days	69.6	14
##		Obamawin						
##	3324	1						
##	3729	1						
##	4783	1						
##	5641	1						
##	6114	1						
##	7198	1						
##	7965	1						
##	9052	1						
##	10609	1						
##	11096	1						
##	13833	1						
##	14874	1						
##	15266	1						
##	16214	1						
##	17185	1						
##	19780	1						
##	21802	1						
##	22463	1						
##	23382	1						
##	24532	1						
##	25081	1						
##	25823	1						
##	27161	1						
##	27890	1						
##	28496	1						
##	32764	1						
##	33398	1						
##	34583	1						
##	35321	1						
##								
##	Running total is: 364							
##	I is: 2008-09-11							
##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR	
##	3211	CA 2008-09-11	California	91.0	34	9.8	30	
##	4183	CO 2008-09-11	Colorado	55.0	1	48.0	34	
##	4790	CT 2008-09-11	Connecticut	91.3	0	9.5	10	
##	5285	DC 2008-09-11	District of Columbia	97.0	0	3.0	0	
##	6001	DE 2008-09-11	Delaware	95.0	0	5.5	0	
##	6601	FL 2008-09-11	Florida	36.0	102	68.0	121	
##	8314	HI 2008-09-11	Hawaii	97.7	0	2.3	0	
##	8939	IA 2008-09-11	Iowa	74.7	331	26.0	275	
##	10497	IL 2008-09-11	Illinois	96.5	1	3.5	0	
##	11106	IN 2008-09-11	Indiana	22.7	0	76.9	2	
##	14370	MA 2008-09-11	Massachusetts	97.0	0	3.5	0	
##	14761	MD 2008-09-11	Maryland	91.4	0	8.6	0	
##	15478	ME 2008-09-11	Maine	91.0	0	10.0	0	
##	16101	MI 2008-09-11	Michigan	62.1	7	39.0	6	
##	17072	MN 2008-09-11	Minnesota	76.8	35	23.2	133	
##	20034	NC 2008-09-11	North Carolina	14.0	54	89.0	0	
##	22056	NH 2008-09-11	New Hampshire	60.0	75	39.0	56	

##	22905	NJ	2008-09-11	New Jersey	88.0	7	12.0	0
##	23392	NM	2008-09-11	New Mexico	60.0	35	40.0	189
##	24580	NV	2008-09-11	Nevada	43.5	20	58.5	128
##	24847	NY	2008-09-11	New York	94.0	10	8.0	4
##	25831	OH	2008-09-11	Ohio	43.0	110	57.5	66
##	27170	OR	2008-09-11	Oregon	86.9	191	13.1	316
##	28021	PA	2008-09-11	Pennsylvania	71.0	97	33.0	480
##	28627	RI	2008-09-11	Rhode Island	93.3	0	6.7	0
##	32772	VA	2008-09-11	Virginia	45.0	52	60.0	157
##	33612	VT	2008-09-11	Vermont	94.8	2	6.6	2
##	34472	WA	2008-09-11	Washington	89.0	1	11.0	0
##	35089	WI	2008-09-11	Wisconsin	75.0	1	26.0	495
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	3211	California	61	37	55	54 days	81.2	24
##	4183	Colorado	54	45	9	54 days	7.0	9
##	4790	Connecticut	61	38	7	54 days	81.8	23
##	5285	D.C.	92	7	3	54 days	94.0	85
##	6001	Delaware	62	37	3	54 days	89.5	25
##	6601	Florida	51	48	27	54 days	-32.0	3
##	8314	Hawaii	72	27	4	54 days	95.4	45
##	8939	Iowa	54	44	7	54 days	48.7	10
##	10497	Illinois	62	37	21	54 days	93.0	25
##	11106	Indiana	50	49	11	54 days	-54.2	1
##	14370	Massachusetts	62	36	12	54 days	93.5	26
##	14761	Maryland	62	36	10	54 days	82.8	26
##	15478	Maine	58	40	4	54 days	81.0	18
##	16101	Michigan	57	41	17	54 days	23.1	16
##	17072	Minnesota	54	44	10	54 days	53.6	10
##	20034	North Carolina	50	49	15	54 days	-75.0	1
##	22056	New Hampshire	54	45	4	54 days	21.0	9
##	22905	New Jersey	57	42	15	54 days	76.0	15
##	23392	New Mexico	57	42	5	54 days	20.0	15
##	24580	Nevada	55	43	5	54 days	-15.0	12
##	24847	New York	63	36	31	54 days	86.0	27
##	25831	Ohio	51	47	20	54 days	-14.5	4
##	27170	Oregon	57	40	7	54 days	73.8	17
##	28021	Pennsylvania	55	44	21	54 days	38.0	11
##	28627	Rhode Island	63	35	4	54 days	86.6	28
##	32772	Virginia	53	46	13	54 days	-15.0	7
##	33612	Vermont	67	30	3	54 days	88.2	37
##	34472	Washington	58	40	11	54 days	78.0	18
##	35089	Wisconsin	56	42	10	54 days	49.0	14
##		Obamawin						
##	3211	1						
##	4183	1						
##	4790	1						
##	5285	1						
##	6001	1						
##	6601	1						
##	8314	1						
##	8939	1						
##	10497	1						
##	11106	1						
##	14370	1						

```

## 14761      1
## 15478      1
## 16101      1
## 17072      1
## 20034      1
## 22056      1
## 22905      1
## 23392      1
## 24580      1
## 24847      1
## 25831      1
## 27170      1
## 28021      1
## 28627      1
## 32772      1
## 33612      1
## 34472      1
## 35089      1
##
## Running total is: 364
## I is: 2008-08-23
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3213      CA 2008-08-23      California 88.5      0 11.5      0
## 4065      CO 2008-08-23      Colorado 56.0      0 44.0      5
## 4672      CT 2008-08-23      Connecticut 86.3      0 13.7      0
## 5408      DC 2008-08-23 District of Columbia 96.3      0 3.7      0
## 6004      DE 2008-08-23      Delaware 95.5      0 4.5      0
## 6726      FL 2008-08-23      Florida 34.0      0 66.0      3
## 8316      HI 2008-08-23      Hawaii 94.0      0 6.0      0
## 9308      IA 2008-08-23      Iowa 75.0      5 25.0      0
## 10381     IL 2008-08-23      Illinois 95.5      0 4.5      0
## 11229     IN 2008-08-23      Indiana 27.9      1 72.1      1
## 13926     MA 2008-08-23      Massachusetts 93.8      0 6.2      0
## 14764     MD 2008-08-23      Maryland 89.8      0 10.2      0
## 15358     ME 2008-08-23      Maine 83.5      0 16.5      0
## 16225     MI 2008-08-23      Michigan 70.0      9 30.0      0
## 17075     MN 2008-08-23      Minnesota 84.9      1 15.1      15
## 19561     NC 2008-08-23      North Carolina 26.0      5 74.0      0
## 21856     NH 2008-08-23      New Hampshire 60.0      0 40.0      7
## 22434     NJ 2008-08-23      New Jersey 90.0      47 10.0      30
## 23231     NM 2008-08-23      New Mexico 69.5      0 30.5      0
## 24339     NV 2008-08-23      Nevada 50.7      0 49.3      0
## 24632     NY 2008-08-23      New York 92.6      0 7.4      0
## 25507     OH 2008-08-23      Ohio 53.0      1 47.0      6
## 27293     OR 2008-08-23      Oregon 89.5      0 10.5      0
## 27551     PA 2008-08-23      Pennsylvania 73.0      17 27.0      8
## 28226     RI 2008-08-23      Rhode Island 87.5      1 12.5      1
## 32897     VA 2008-08-23      Virginia 52.9      0 47.1      1
## 33614     VT 2008-08-23      Vermont 90.8      0 9.2      0
## 34476     WA 2008-08-23      Washington 90.3      0 9.7      0
## 35091     WI 2008-08-23      Wisconsin 72.5      0 27.5      8
##      state.name Obama McCain EV DaysToElection obama.intmarg obama.actmarg
## 3213      California 61 37 55 73 days 77.0 24
## 4065      Colorado 54 45 9 73 days 12.0 9

```

## 4672	Connecticut	61	38	7	73 days	72.6	23
## 5408	D.C.	92	7	3	73 days	92.6	85
## 6004	Delaware	62	37	3	73 days	91.0	25
## 6726	Florida	51	48	27	73 days	-32.0	3
## 8316	Hawaii	72	27	4	73 days	88.0	45
## 9308	Iowa	54	44	7	73 days	50.0	10
## 10381	Illinois	62	37	21	73 days	91.0	25
## 11229	Indiana	50	49	11	73 days	-44.2	1
## 13926	Massachusetts	62	36	12	73 days	87.6	26
## 14764	Maryland	62	36	10	73 days	79.6	26
## 15358	Maine	58	40	4	73 days	67.0	18
## 16225	Michigan	57	41	17	73 days	40.0	16
## 17075	Minnesota	54	44	10	73 days	69.8	10
## 19561	North Carolina	50	49	15	73 days	-48.0	1
## 21856	New Hampshire	54	45	4	73 days	20.0	9
## 22434	New Jersey	57	42	15	73 days	80.0	15
## 23231	New Mexico	57	42	5	73 days	39.0	15
## 24339	Nevada	55	43	5	73 days	1.4	12
## 24632	New York	63	36	31	73 days	85.2	27
## 25507	Ohio	51	47	20	73 days	6.0	4
## 27293	Oregon	57	40	7	73 days	79.0	17
## 27551	Pennsylvania	55	44	21	73 days	46.0	11
## 28226	Rhode Island	63	35	4	73 days	75.0	28
## 32897	Virginia	53	46	13	73 days	5.8	7
## 33614	Vermont	67	30	3	73 days	81.6	37
## 34476	Washington	58	40	11	73 days	80.6	18
## 35091	Wisconsin	56	42	10	73 days	45.0	14
##	Obamawin						
## 3213	1						
## 4065	1						
## 4672	1						
## 5408	1						
## 6004	1						
## 6726	1						
## 8316	1						
## 9308	1						
## 10381	1						
## 11229	1						
## 13926	1						
## 14764	1						
## 15358	1						
## 16225	1						
## 17075	1						
## 19561	1						
## 21856	1						
## 22434	1						
## 23231	1						
## 24339	1						
## 24632	1						
## 25507	1						
## 27293	1						
## 27551	1						
## 28226	1						
## 32897	1						

```

## 33614      1
## 34476      1
## 35091      1
##
## Running total is: 364
## I is: 2008-10-24
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3096      CA 2008-10-24      California 96.8      0      6.0      30
## 4190      CO 2008-10-24      Colorado 85.0      82     14.5      30
## 4676      CT 2008-10-24      Connecticut 97.1      0      2.9      0
## 5291      DC 2008-10-24 District of Columbia 97.0      0      3.0      0
## 5789      DE 2008-10-24      Delaware 95.5      0      4.5      0
## 6608      FL 2008-10-24      Florida 70.0     295     34.4     292
## 8442      HI 2008-10-24      Hawaii 97.7      0      2.3      0
## 8866      IA 2008-10-24      Iowa 93.0      18     10.7      5
## 10504     IL 2008-10-24      Illinois 95.5      0      4.5      0
## 11112     IN 2008-10-24      Indiana 54.9     997     49.0     904
## 13929     MA 2008-10-24      Massachusetts 97.4      0      2.6      0
## 14892     MD 2008-10-24      Maryland 96.0      0      4.0      0
## 15363     ME 2008-10-24      Maine 96.2      0      3.8      0
## 16349     MI 2008-10-24      Michigan 94.8      1      5.6      0
## 16794     MN 2008-10-24      Minnesota 91.0      7      4.0      10
## 19919     NC 2008-10-24      North Carolina 66.0     227     36.5     192
## 22185     NH 2008-10-24      New Hampshire 85.0     179     12.0      50
## 22671     NJ 2008-10-24      New Jersey 95.5      0      4.5      0
## 23522     NM 2008-10-24      New Mexico 88.2      0     11.8      0
## 24224     NV 2008-10-24      Nevada 73.0      59     27.1      75
## 24854     NY 2008-10-24      New York 96.3      0      3.7      0
## 25392     OH 2008-10-24      Ohio 69.5     126     31.0     314
## 27054     OR 2008-10-24      Oregon 96.5      0      3.5      0
## 27990     PA 2008-10-24      Pennsylvania 87.1     113     13.5     360
## 28637     RI 2008-10-24      Rhode Island 95.5      0      4.5      0
## 32902     VA 2008-10-24      Virginia 77.6      74     22.0     218
## 33319     VT 2008-10-24      Vermont 95.0      0      5.0      0
## 34600     WA 2008-10-24      Washington 96.8      0      3.2      0
## 34851     WI 2008-10-24      Wisconsin 91.0     11      9.0      0
##      state.name Obama McCain EV DaysToElection obama.intmarg obama.actmarg
## 3096      California      61      37 55      11 days      90.8      24
## 4190      Colorado      54      45 9      11 days      70.5      9
## 4676      Connecticut      61      38 7      11 days      94.2      23
## 5291      D.C.      92      7 3      11 days      94.0      85
## 5789      Delaware      62      37 3      11 days      91.0      25
## 6608      Florida      51      48 27      11 days      35.6      3
## 8442      Hawaii      72      27 4      11 days      95.4      45
## 8866      Iowa      54      44 7      11 days      82.3      10
## 10504     Illinois      62      37 21      11 days      91.0      25
## 11112     Indiana      50      49 11      11 days      5.9      1
## 13929     Massachusetts      62      36 12      11 days      94.8      26
## 14892     Maryland      62      36 10      11 days      92.0      26
## 15363     Maine      58      40 4      11 days      92.4      18
## 16349     Michigan      57      41 17      11 days      89.2      16
## 16794     Minnesota      54      44 10      11 days      87.0      10
## 19919     North Carolina      50      49 15      11 days      29.5      1
## 22185     New Hampshire      54      45 4      11 days      73.0      9

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##	22671	New Jersey	57	42 15	11 days	91.0	15
##	23522	New Mexico	57	42 5	11 days	76.4	15
##	24224	Nevada	55	43 5	11 days	45.9	12
##	24854	New York	63	36 31	11 days	92.6	27
##	25392	Ohio	51	47 20	11 days	38.5	4
##	27054	Oregon	57	40 7	11 days	93.0	17
##	27990	Pennsylvania	55	44 21	11 days	73.6	11
##	28637	Rhode Island	63	35 4	11 days	91.0	28
##	32902	Virginia	53	46 13	11 days	55.6	7
##	33319	Vermont	67	30 3	11 days	90.0	37
##	34600	Washington	58	40 11	11 days	93.6	18
##	34851	Wisconsin	56	42 10	11 days	82.0	14

Obamawin

##	3096	1
##	4190	1
##	4676	1
##	5291	1
##	5789	1
##	6608	1
##	8442	1
##	8866	1
##	10504	1
##	11112	1
##	13929	1
##	14892	1
##	15363	1
##	16349	1
##	16794	1
##	19919	1
##	22185	1
##	22671	1
##	23522	1
##	24224	1
##	24854	1
##	25392	1
##	27054	1
##	27990	1
##	28637	1
##	32902	1
##	33319	1
##	34600	1
##	34851	1

##

Running total is: 364

I is: 2008-08-09

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR
##	2919	CA 2008-08-09	California	89.3	10	10.7	10
##	3838	CO 2008-08-09	Colorado	63.4	0	36.6	0
##	4689	CT 2008-08-09	Connecticut	83.5	0	16.5	0
##	5629	DC 2008-08-09	District of Columbia	96.3	0	3.7	0
##	6141	DE 2008-08-09	Delaware	88.0	0	12.0	0
##	7105	FL 2008-08-09	Florida	37.6	0	62.4	0
##	8086	HI 2008-08-09	Hawaii	95.3	0	4.7	0
##	8876	IA 2008-08-09	Iowa	72.5	0	27.5	0

##	10164	IL	2008-08-09	Illinois	94.0	0	6.0	0
##	10850	IN	2008-08-09	Indiana	37.5	0	62.5	0
##	14064	MA	2008-08-09	Massachusetts	92.5	0	7.5	0
##	14657	MD	2008-08-09	Maryland	89.0	0	11.0	0
##	15252	ME	2008-08-09	Maine	84.3	20	15.7	20
##	16116	MI	2008-08-09	Michigan	70.0	0	30.0	0
##	16764	MN	2008-08-09	Minnesota	84.2	43	15.8	8
##	19929	NC	2008-08-09	North Carolina	30.0	0	70.0	0
##	21951	NH	2008-08-09	New Hampshire	57.5	11	42.5	0
##	22559	NJ	2008-08-09	New Jersey	88.0	0	12.0	0
##	23288	NM	2008-08-09	New Mexico	72.9	0	27.1	0
##	24233	NV	2008-08-09	Nevada	49.0	5	51.0	5
##	24740	NY	2008-08-09	New York	93.0	0	7.0	50
##	25523	OH	2008-08-09	Ohio	59.0	0	41.0	0
##	27186	OR	2008-08-09	Oregon	86.7	0	13.3	0
##	27917	PA	2008-08-09	Pennsylvania	73.5	0	26.5	0
##	28647	RI	2008-08-09	Rhode Island	92.5	0	7.5	0
##	32791	VA	2008-08-09	Virginia	54.0	0	46.0	0
##	33508	VT	2008-08-09	Vermont	91.0	0	9.0	0
##	34490	WA	2008-08-09	Washington	90.3	0	9.7	0
##	35350	WI	2008-08-09	Wisconsin	80.0	0	20.0	0
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	2919	California	61	37	55	87 days	78.6	24
##	3838	Colorado	54	45	9	87 days	26.8	9
##	4689	Connecticut	61	38	7	87 days	67.0	23
##	5629	D.C.	92	7	3	87 days	92.6	85
##	6141	Delaware	62	37	3	87 days	76.0	25
##	7105	Florida	51	48	27	87 days	-24.8	3
##	8086	Hawaii	72	27	4	87 days	90.6	45
##	8876	Iowa	54	44	7	87 days	45.0	10
##	10164	Illinois	62	37	21	87 days	88.0	25
##	10850	Indiana	50	49	11	87 days	-25.0	1
##	14064	Massachusetts	62	36	12	87 days	85.0	26
##	14657	Maryland	62	36	10	87 days	78.0	26
##	15252	Maine	58	40	4	87 days	68.6	18
##	16116	Michigan	57	41	17	87 days	40.0	16
##	16764	Minnesota	54	44	10	87 days	68.4	10
##	19929	North Carolina	50	49	15	87 days	-40.0	1
##	21951	New Hampshire	54	45	4	87 days	15.0	9
##	22559	New Jersey	57	42	15	87 days	76.0	15
##	23288	New Mexico	57	42	5	87 days	45.8	15
##	24233	Nevada	55	43	5	87 days	-2.0	12
##	24740	New York	63	36	31	87 days	86.0	27
##	25523	Ohio	51	47	20	87 days	18.0	4
##	27186	Oregon	57	40	7	87 days	73.4	17
##	27917	Pennsylvania	55	44	21	87 days	47.0	11
##	28647	Rhode Island	63	35	4	87 days	85.0	28
##	32791	Virginia	53	46	13	87 days	8.0	7
##	33508	Vermont	67	30	3	87 days	82.0	37
##	34490	Washington	58	40	11	87 days	80.6	18
##	35350	Wisconsin	56	42	10	87 days	60.0	14
##		Obamawin						
##	2919	1						
##	3838	1						

```

## 4689      1
## 5629      1
## 6141      1
## 7105      1
## 8086      1
## 8876      1
## 10164     1
## 10850     1
## 14064     1
## 14657     1
## 15252     1
## 16116     1
## 16764     1
## 19929     1
## 21951     1
## 22559     1
## 23288     1
## 24233     1
## 24740     1
## 25523     1
## 27186     1
## 27917     1
## 28647     1
## 32791     1
## 33508     1
## 34490     1
## 35350     1
##
## Running total is: 364
## I is: 2008-10-06
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3516    CA 2008-10-06    California  95.5      0    4.5      18
## 4123    CO 2008-10-06      Colorado  70.0     52   30.0     64
## 4732    CT 2008-10-06    Connecticut  93.0      0    7.0      0
## 5740    DC 2008-10-06 District of Columbia  97.0      0    3.0      0
## 6306    DE 2008-10-06      Delaware  97.0      0    3.0      0
## 7147    FL 2008-10-06      Florida  56.0     91   44.0    169
## 8009    HI 2008-10-06      Hawaii  97.7      0    2.3      0
## 9001    IA 2008-10-06      Iowa  90.0      2   10.0      0
## 10558   IL 2008-10-06      Illinois  96.0      0    4.0      0
## 11045   IN 2008-10-06      Indiana  35.7     90   65.0     74
## 13795   MA 2008-10-06    Massachusetts  96.5      0    3.5      0
## 14944   MD 2008-10-06      Maryland  93.1      0    6.9      0
## 15215   ME 2008-10-06      Maine  92.4      0    7.6      0
## 16405   MI 2008-10-06      Michigan  88.6      4   11.4      0
## 17255   MN 2008-10-06      Minnesota  81.5     25   18.5      9
## 19729   NC 2008-10-06    North Carolina  51.0    203   49.0    472
## 21874   NH 2008-10-06    New Hampshire  71.9     26   28.1    241
## 22642   NJ 2008-10-06      New Jersey  93.0     21    7.0      5
## 23331   NM 2008-10-06      New Mexico  80.0     63   20.0     16
## 24562   NV 2008-10-06      Nevada  60.2     27   39.8     57
## 24787   NY 2008-10-06      New York  96.5      0    3.5      0
## 25772   OH 2008-10-06      Ohio  61.0     37   40.0     91
## 27110   OR 2008-10-06      Oregon  92.9      0    7.1      1

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##	27839	PA	2008-10-06	Pennsylvania	82.0	103	18.0	14
##	28445	RI	2008-10-06	Rhode Island	95.0	0	5.0	0
##	33077	VA	2008-10-06	Virginia	59.9	576	40.1	189
##	33874	VT	2008-10-06	Vermont	95.0	0	5.0	0
##	34710	WA	2008-10-06	Washington	93.4	0	6.6	1
##	35391	WI	2008-10-06	Wisconsin	82.5	1	17.5	13
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	3516	California	61	37	55	29 days	91.0	24
##	4123	Colorado	54	45	9	29 days	40.0	9
##	4732	Connecticut	61	38	7	29 days	86.0	23
##	5740	D.C.	92	7	3	29 days	94.0	85
##	6306	Delaware	62	37	3	29 days	94.0	25
##	7147	Florida	51	48	27	29 days	12.0	3
##	8009	Hawaii	72	27	4	29 days	95.4	45
##	9001	Iowa	54	44	7	29 days	80.0	10
##	10558	Illinois	62	37	21	29 days	92.0	25
##	11045	Indiana	50	49	11	29 days	-29.3	1
##	13795	Massachusetts	62	36	12	29 days	93.0	26
##	14944	Maryland	62	36	10	29 days	86.2	26
##	15215	Maine	58	40	4	29 days	84.8	18
##	16405	Michigan	57	41	17	29 days	77.2	16
##	17255	Minnesota	54	44	10	29 days	63.0	10
##	19729	North Carolina	50	49	15	29 days	2.0	1
##	21874	New Hampshire	54	45	4	29 days	43.8	9
##	22642	New Jersey	57	42	15	29 days	86.0	15
##	23331	New Mexico	57	42	5	29 days	60.0	15
##	24562	Nevada	55	43	5	29 days	20.4	12
##	24787	New York	63	36	31	29 days	93.0	27
##	25772	Ohio	51	47	20	29 days	21.0	4
##	27110	Oregon	57	40	7	29 days	85.8	17
##	27839	Pennsylvania	55	44	21	29 days	64.0	11
##	28445	Rhode Island	63	35	4	29 days	90.0	28
##	33077	Virginia	53	46	13	29 days	19.8	7
##	33874	Vermont	67	30	3	29 days	90.0	37
##	34710	Washington	58	40	11	29 days	86.8	18
##	35391	Wisconsin	56	42	10	29 days	65.0	14
##		Obamawin						
##	3516	1						
##	4123	1						
##	4732	1						
##	5740	1						
##	6306	1						
##	7147	1						
##	8009	1						
##	9001	1						
##	10558	1						
##	11045	1						
##	13795	1						
##	14944	1						
##	15215	1						
##	16405	1						
##	17255	1						
##	19729	1						
##	21874	1						

```

## 22642      1
## 23331      1
## 24562      1
## 24787      1
## 25772      1
## 27110      1
## 27839      1
## 28445      1
## 33077      1
## 33874      1
## 34710      1
## 35391      1
##
## Running total is: 364
## I is: 2008-08-21
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3111    CA 2008-08-21    California  88.3      0   11.7      0
## 3963    CO 2008-08-21     Colorado  55.5     29   44.5     35
## 4570    CT 2008-08-21   Connecticut  88.0      0   12.0      0
## 5306    DC 2008-08-21 District of Columbia 96.3      0    3.7      0
## 5902    DE 2008-08-21     Delaware  88.0      0   12.0      0
## 6624    FL 2008-08-21     Florida  34.5     12   65.5    144
## 8214    HI 2008-08-21     Hawaii   95.2      0    4.8      0
## 9206    IA 2008-08-21      Iowa    75.0      0   29.8      6
## 10642   IL 2008-08-21    Illinois  95.5      0    4.5      0
## 11248   IN 2008-08-21     Indiana  35.1      5   64.9      0
## 13824   MA 2008-08-21   Massachusetts 93.8      0    6.2      0
## 14662   MD 2008-08-21     Maryland 89.8      0   10.2      0
## 15296   ME 2008-08-21     Maine    84.3      0   15.7      0
## 16244   MI 2008-08-21     Michigan 61.0     51   34.0     50
## 16973   MN 2008-08-21     Minnesota 76.5     30   22.0     60
## 19553   NC 2008-08-21   North Carolina 28.9      0   71.1      0
## 21754   NH 2008-08-21   New Hampshire 57.5      5   37.6      0
## 22450   NJ 2008-08-21     New Jersey 86.6     12   13.4      0
## 23173   NM 2008-08-21     New Mexico 70.0     10   30.0      0
## 24237   NV 2008-08-21     Nevada   49.0     36   48.5      0
## 24665   NY 2008-08-21     New York  91.3      0    8.7      0
## 25405   OH 2008-08-21     Ohio    50.0      0   50.0      0
## 27191   OR 2008-08-21     Oregon   87.1      0   12.9      0
## 27516   PA 2008-08-21   Pennsylvania 70.0     10   30.0      0
## 28284   RI 2008-08-21   Rhode Island 90.0     26   10.0     19
## 32916   VA 2008-08-21     Virginia 52.3      0   49.3      1
## 33633   VT 2008-08-21     Vermont  91.0      0    9.0      0
## 34616   WA 2008-08-21     Washington 90.3      0    9.7      0
## 34989   WI 2008-08-21    Wisconsin 75.0      4   25.0      0
##
##      state.name Obama McCain EV DaysToElection obama.intmarg obama.actmarg
## 3111    California    61    37 55      75 days      76.6      24
## 3963     Colorado    54    45  9      75 days      11.0      9
## 4570   Connecticut    61    38  7      75 days      76.0     23
## 5306         D.C.    92     7  3      75 days      92.6     85
## 5902     Delaware    62    37  3      75 days      76.0     25
## 6624     Florida    51    48 27      75 days     -31.0      3
## 8214      Hawaii    72    27  4      75 days      90.4     45
## 9206       Iowa    54    44  7      75 days      45.2     10

```

##	10642	Illinois	62	37	21	75 days	91.0	25
##	11248	Indiana	50	49	11	75 days	-29.8	1
##	13824	Massachusetts	62	36	12	75 days	87.6	26
##	14662	Maryland	62	36	10	75 days	79.6	26
##	15296	Maine	58	40	4	75 days	68.6	18
##	16244	Michigan	57	41	17	75 days	27.0	16
##	16973	Minnesota	54	44	10	75 days	54.5	10
##	19553	North Carolina	50	49	15	75 days	-42.2	1
##	21754	New Hampshire	54	45	4	75 days	19.9	9
##	22450	New Jersey	57	42	15	75 days	73.2	15
##	23173	New Mexico	57	42	5	75 days	40.0	15
##	24237	Nevada	55	43	5	75 days	0.5	12
##	24665	New York	63	36	31	75 days	82.6	27
##	25405	Ohio	51	47	20	75 days	0.0	4
##	27191	Oregon	57	40	7	75 days	74.2	17
##	27516	Pennsylvania	55	44	21	75 days	40.0	11
##	28284	Rhode Island	63	35	4	75 days	80.0	28
##	32916	Virginia	53	46	13	75 days	3.0	7
##	33633	Vermont	67	30	3	75 days	82.0	37
##	34616	Washington	58	40	11	75 days	80.6	18
##	34989	Wisconsin	56	42	10	75 days	50.0	14
##		Obamawin						
##	3111	1						
##	3963	1						
##	4570	1						
##	5306	1						
##	5902	1						
##	6624	1						
##	8214	1						
##	9206	1						
##	10642	1						
##	11248	1						
##	13824	1						
##	14662	1						
##	15296	1						
##	16244	1						
##	16973	1						
##	19553	1						
##	21754	1						
##	22450	1						
##	23173	1						
##	24237	1						
##	24665	1						
##	25405	1						
##	27191	1						
##	27516	1						
##	28284	1						
##	32916	1						
##	33633	1						
##	34616	1						
##	34989	1						
##								
##	Running total is: 364							
##	I is: 2008-10-10							

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR
## 3477	CA	2008-10-10	California	95.8	2	5.0	1
## 3842	CO	2008-10-10	Colorado	74.8	17	26.0	4
## 4936	CT	2008-10-10	Connecticut	93.8	0	6.2	1
## 5764	DC	2008-10-10	District of Columbia	97.0	0	3.0	0
## 6267	DE	2008-10-10	Delaware	95.5	0	4.5	0
## 6987	FL	2008-10-10	Florida	67.0	177	36.8	52
## 7983	HI	2008-10-10	Hawaii	97.7	0	2.3	0
## 9205	IA	2008-10-10	Iowa	88.5	0	11.5	0
## 10762	IL	2008-10-10	Illinois	96.6	0	3.4	0
## 11249	IN	2008-10-10	Indiana	55.0	288	40.0	204
## 13865	MA	2008-10-10	Massachusetts	98.3	0	1.7	0
## 15027	MD	2008-10-10	Maryland	94.3	0	5.7	0
## 15259	ME	2008-10-10	Maine	91.3	0	8.7	21
## 16326	MI	2008-10-10	Michigan	93.0	5	8.1	0
## 17095	MN	2008-10-10	Minnesota	85.0	59	15.0	12
## 19609	NC	2008-10-10	North Carolina	60.0	168	40.1	153
## 21955	NH	2008-10-10	New Hampshire	78.0	13	27.0	1
## 22467	NJ	2008-10-10	New Jersey	92.5	10	7.5	0
## 23211	NM	2008-10-10	New Mexico	80.1	0	19.9	0
## 24361	NV	2008-10-10	Nevada	71.2	45	33.0	1
## 24606	NY	2008-10-10	New York	96.5	0	3.5	0
## 25528	OH	2008-10-10	Ohio	70.0	50	37.3	57
## 27192	OR	2008-10-10	Oregon	92.8	2	7.0	0
## 28043	PA	2008-10-10	Pennsylvania	82.7	4	15.0	0
## 28649	RI	2008-10-10	Rhode Island	95.0	0	5.0	0
## 32917	VA	2008-10-10	Virginia	71.0	157	34.0	43
## 33511	VT	2008-10-10	Vermont	95.0	0	5.0	0
## 34615	WA	2008-10-10	Washington	93.1	0	6.9	0
## 35394	WI	2008-10-10	Wisconsin	87.0	9	11.0	1
##	state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
## 3477	California	61	37	55	25 days	90.8	24
## 3842	Colorado	54	45	9	25 days	48.8	9
## 4936	Connecticut	61	38	7	25 days	87.6	23
## 5764	D.C.	92	7	3	25 days	94.0	85
## 6267	Delaware	62	37	3	25 days	91.0	25
## 6987	Florida	51	48	27	25 days	30.2	3
## 7983	Hawaii	72	27	4	25 days	95.4	45
## 9205	Iowa	54	44	7	25 days	77.0	10
## 10762	Illinois	62	37	21	25 days	93.2	25
## 11249	Indiana	50	49	11	25 days	15.0	1
## 13865	Massachusetts	62	36	12	25 days	96.6	26
## 15027	Maryland	62	36	10	25 days	88.6	26
## 15259	Maine	58	40	4	25 days	82.6	18
## 16326	Michigan	57	41	17	25 days	84.9	16
## 17095	Minnesota	54	44	10	25 days	70.0	10
## 19609	North Carolina	50	49	15	25 days	19.9	1
## 21955	New Hampshire	54	45	4	25 days	51.0	9
## 22467	New Jersey	57	42	15	25 days	85.0	15
## 23211	New Mexico	57	42	5	25 days	60.2	15
## 24361	Nevada	55	43	5	25 days	38.2	12
## 24606	New York	63	36	31	25 days	93.0	27
## 25528	Ohio	51	47	20	25 days	32.7	4
## 27192	Oregon	57	40	7	25 days	85.8	17

##	28043	Pennsylvania	55	44	21	25 days	67.7	11
##	28649	Rhode Island	63	35	4	25 days	90.0	28
##	32917	Virginia	53	46	13	25 days	37.0	7
##	33511	Vermont	67	30	3	25 days	90.0	37
##	34615	Washington	58	40	11	25 days	86.2	18
##	35394	Wisconsin	56	42	10	25 days	76.0	14

Obamawin

##	3477	1
##	3842	1
##	4936	1
##	5764	1
##	6267	1
##	6987	1
##	7983	1
##	9205	1
##	10762	1
##	11249	1
##	13865	1
##	15027	1
##	15259	1
##	16326	1
##	17095	1
##	19609	1
##	21955	1
##	22467	1
##	23211	1
##	24361	1
##	24606	1
##	25528	1
##	27192	1
##	28043	1
##	28649	1
##	32917	1
##	33511	1
##	34615	1
##	35394	1

##

Running total is: 364

I is: 2008-09-14

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR
##	3243	CA 2008-09-14	California	88.1	52	11.8	34
##	4216	CO 2008-09-14	Colorado	53.5	5	46.5	1
##	4822	CT 2008-09-14	Connecticut	88.5	0	11.5	47
##	5438	DC 2008-09-14	District of Columbia	97.0	0	3.0	0
##	6033	DE 2008-09-14	Delaware	95.0	1	5.0	0
##	6754	FL 2008-09-14	Florida	29.0	125	71.0	0
##	8346	HI 2008-09-14	Hawaii	97.7	0	2.3	0
##	9092	IA 2008-09-14	Iowa	71.7	93	28.3	50
##	10529	IL 2008-09-14	Illinois	96.4	0	3.6	0
##	11259	IN 2008-09-14	Indiana	20.0	15	79.9	0
##	14402	MA 2008-09-14	Massachusetts	97.0	0	3.0	29
##	14793	MD 2008-09-14	Maryland	91.8	0	8.2	0
##	15631	ME 2008-09-14	Maine	89.6	0	10.4	0
##	16254	MI 2008-09-14	Michigan	62.0	0	98.0	0

##	17225	MN	2008-09-14	Minnesota	69.8	39	30.2	185
##	20147	NC	2008-09-14	North Carolina	11.1	0	89.0	180
##	22209	NH	2008-09-14	New Hampshire	56.5	165	43.5	1
##	22937	NJ	2008-09-14	New Jersey	87.4	3	12.6	0
##	23545	NM	2008-09-14	New Mexico	57.9	0	42.1	0
##	24559	NV	2008-09-14	Nevada	41.5	37	58.5	20
##	25000	NY	2008-09-14	New York	91.1	0	8.9	0
##	25863	OH	2008-09-14	Ohio	41.5	0	58.5	0
##	27323	OR	2008-09-14	Oregon	83.2	0	16.8	20
##	28053	PA	2008-09-14	Pennsylvania	69.0	6	31.0	27
##	28659	RI	2008-09-14	Rhode Island	93.2	0	6.8	0
##	32925	VA	2008-09-14	Virginia	37.0	9	63.0	40
##	33644	VT	2008-09-14	Vermont	92.3	0	7.7	0
##	34625	WA	2008-09-14	Washington	82.8	0	17.2	25
##	35121	WI	2008-09-14	Wisconsin	72.4	2	27.6	16
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	3243	California	61	37	55	51 days	76.3	24
##	4216	Colorado	54	45	9	51 days	7.0	9
##	4822	Connecticut	61	38	7	51 days	77.0	23
##	5438	D.C.	92	7	3	51 days	94.0	85
##	6033	Delaware	62	37	3	51 days	90.0	25
##	6754	Florida	51	48	27	51 days	-42.0	3
##	8346	Hawaii	72	27	4	51 days	95.4	45
##	9092	Iowa	54	44	7	51 days	43.4	10
##	10529	Illinois	62	37	21	51 days	92.8	25
##	11259	Indiana	50	49	11	51 days	-59.9	1
##	14402	Massachusetts	62	36	12	51 days	94.0	26
##	14793	Maryland	62	36	10	51 days	83.6	26
##	15631	Maine	58	40	4	51 days	79.2	18
##	16254	Michigan	57	41	17	51 days	-36.0	16
##	17225	Minnesota	54	44	10	51 days	39.6	10
##	20147	North Carolina	50	49	15	51 days	-77.9	1
##	22209	New Hampshire	54	45	4	51 days	13.0	9
##	22937	New Jersey	57	42	15	51 days	74.8	15
##	23545	New Mexico	57	42	5	51 days	15.8	15
##	24559	Nevada	55	43	5	51 days	-17.0	12
##	25000	New York	63	36	31	51 days	82.2	27
##	25863	Ohio	51	47	20	51 days	-17.0	4
##	27323	Oregon	57	40	7	51 days	66.4	17
##	28053	Pennsylvania	55	44	21	51 days	38.0	11
##	28659	Rhode Island	63	35	4	51 days	86.4	28
##	32925	Virginia	53	46	13	51 days	-26.0	7
##	33644	Vermont	67	30	3	51 days	84.6	37
##	34625	Washington	58	40	11	51 days	65.6	18
##	35121	Wisconsin	56	42	10	51 days	44.8	14
##		Obamawin						
##	3243	1						
##	4216	1						
##	4822	1						
##	5438	1						
##	6033	1						
##	6754	1						
##	8346	1						
##	9092	1						


```

## 10529      1
## 11259      1
## 14402      1
## 14793      1
## 15631      1
## 16254      1
## 17225      1
## 20147      1
## 22209      1
## 22937      1
## 23545      1
## 24559      1
## 25000      1
## 25863      1
## 27323      1
## 28053      1
## 28659      1
## 32925      1
## 33644      1
## 34625      1
## 35121      1

```

```
##
```

```
## Running total is: 364
```

```
## I is: 2008-09-03
```

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR
## 3086	CA	2008-09-03	California	91.5	0	8.5	0
## 3734	CO	2008-09-03	Colorado	58.0	4	42.0	12
## 4354	CT	2008-09-03	Connecticut	91.0	0	9.0	0
## 5241	DC	2008-09-03	District of Columbia	97.0	0	3.0	0
## 5998	DE	2008-09-03	Delaware	97.0	0	3.0	0
## 6528	FL	2008-09-03	Florida	40.0	7	60.0	30
## 8148	HI	2008-09-03	Hawaii	97.7	0	2.3	0
## 8897	IA	2008-09-03	Iowa	74.0	13	26.0	127
## 10698	IL	2008-09-03	Illinois	96.0	0	4.0	0
## 11305	IN	2008-09-03	Indiana	23.0	0	77.0	0
## 13880	MA	2008-09-03	Massachusetts	93.8	0	6.2	0
## 14555	MD	2008-09-03	Maryland	92.5	0	7.5	10
## 15231	ME	2008-09-03	Maine	87.5	0	12.5	1
## 16422	MI	2008-09-03	Michigan	70.0	0	30.0	10
## 16908	MN	2008-09-03	Minnesota	75.0	111	25.0	100
## 19747	NC	2008-09-03	North Carolina	34.8	5	65.2	0
## 22135	NH	2008-09-03	New Hampshire	64.0	107	36.0	5
## 22619	NJ	2008-09-03	New Jersey	88.5	0	11.5	0
## 23349	NM	2008-09-03	New Mexico	73.0	9	27.0	10
## 24172	NV	2008-09-03	Nevada	54.0	91	46.0	52
## 24721	NY	2008-09-03	New York	92.6	0	7.4	10
## 25544	OH	2008-09-03	Ohio	52.0	1	48.0	188
## 27004	OR	2008-09-03	Oregon	88.1	0	11.9	0
## 27855	PA	2008-09-03	Pennsylvania	74.0	41	26.0	20
## 28340	RI	2008-09-03	Rhode Island	90.5	0	9.5	0
## 32971	VA	2008-09-03	Virginia	52.0	10	51.0	13
## 33689	VT	2008-09-03	Vermont	91.0	0	9.0	0
## 34225	WA	2008-09-03	Washington	91.0	0	9.0	0
## 35288	WI	2008-09-03	Wisconsin	78.9	68	21.1	7

##	state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
## 3086	California	61	37	55	62 days	83.0	24
## 3734	Colorado	54	45	9	62 days	16.0	9
## 4354	Connecticut	61	38	7	62 days	82.0	23
## 5241	D.C.	92	7	3	62 days	94.0	85
## 5998	Delaware	62	37	3	62 days	94.0	25
## 6528	Florida	51	48	27	62 days	-20.0	3
## 8148	Hawaii	72	27	4	62 days	95.4	45
## 8897	Iowa	54	44	7	62 days	48.0	10
## 10698	Illinois	62	37	21	62 days	92.0	25
## 11305	Indiana	50	49	11	62 days	-54.0	1
## 13880	Massachusetts	62	36	12	62 days	87.6	26
## 14555	Maryland	62	36	10	62 days	85.0	26
## 15231	Maine	58	40	4	62 days	75.0	18
## 16422	Michigan	57	41	17	62 days	40.0	16
## 16908	Minnesota	54	44	10	62 days	50.0	10
## 19747	North Carolina	50	49	15	62 days	-30.4	1
## 22135	New Hampshire	54	45	4	62 days	28.0	9
## 22619	New Jersey	57	42	15	62 days	77.0	15
## 23349	New Mexico	57	42	5	62 days	46.0	15
## 24172	Nevada	55	43	5	62 days	8.0	12
## 24721	New York	63	36	31	62 days	85.2	27
## 25544	Ohio	51	47	20	62 days	4.0	4
## 27004	Oregon	57	40	7	62 days	76.2	17
## 27855	Pennsylvania	55	44	21	62 days	48.0	11
## 28340	Rhode Island	63	35	4	62 days	81.0	28
## 32971	Virginia	53	46	13	62 days	1.0	7
## 33689	Vermont	67	30	3	62 days	82.0	37
## 34225	Washington	58	40	11	62 days	82.0	18
## 35288	Wisconsin	56	42	10	62 days	57.8	14
##	Obamawin						
## 3086	1						
## 3734	1						
## 4354	1						
## 5241	1						
## 5998	1						
## 6528	1						
## 8148	1						
## 8897	1						
## 10698	1						
## 11305	1						
## 13880	1						
## 14555	1						
## 15231	1						
## 16422	1						
## 16908	1						
## 19747	1						
## 22135	1						
## 22619	1						
## 23349	1						
## 24172	1						
## 24721	1						
## 25544	1						
## 27004	1						

```

## 27855      1
## 28340      1
## 32971      1
## 33689      1
## 34225      1
## 35288      1
##
## Running total is: 364
## I is: 2008-10-08
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3375    CA 2008-10-08    California  95.5      0    4.5      23
## 3740    CO 2008-10-08    Colorado   70.0    171   30.0     48
## 4834    CT 2008-10-08    Connecticut 96.0      0    4.0      7
## 5692    DC 2008-10-08 District of Columbia 97.0      0    3.0      0
## 6165    DE 2008-10-08    Delaware   95.5      0    4.5      0
## 6885    FL 2008-10-08    Florida   65.0     72   35.0    226
## 7972    HI 2008-10-08    Hawaii    97.7      0    2.3      0
## 9103    IA 2008-10-08    Iowa     85.0     26   15.0     58
## 10660   IL 2008-10-08    Illinois 96.0     59    4.0      0
## 11147   IN 2008-10-08    Indiana 45.0    495   55.0     32
## 13884   MA 2008-10-08    Massachusetts 96.5      0    3.5      0
## 14925   MD 2008-10-08    Maryland 96.0      5    4.0      0
## 15237   ME 2008-10-08    Maine   91.3      0    8.7      0
## 16264   MI 2008-10-08    Michigan 90.0     33   10.0      2
## 16993   MN 2008-10-08    Minnesota 82.0     14   18.0     55
## 19628   NC 2008-10-08    North Carolina 52.0    169   48.0    274
## 21853   NH 2008-10-08    New Hampshire 75.0    160   25.0    196
## 22473   NJ 2008-10-08    New Jersey 92.5     32    7.5     22
## 23230   NM 2008-10-08    New Mexico 79.0      5   21.0      8
## 24380   NV 2008-10-08    Nevada   69.0     42   31.0      8
## 24621   NY 2008-10-08    New York 96.5      0    3.5      0
## 25426   OH 2008-10-08    Ohio    70.0     73   30.0     42
## 27090   OR 2008-10-08    Oregon   92.6      1    7.4      2
## 27941   PA 2008-10-08    Pennsylvania 82.0     54   18.0     74
## 28547   RI 2008-10-08    Rhode Island 95.0      0    5.0      0
## 32815   VA 2008-10-08    Virginia 68.0    254   32.0     34
## 33449   VT 2008-10-08    Vermont 95.0      0    5.0      0
## 34594   WA 2008-10-08    Washington 94.8      1    5.2      5
## 35372   WI 2008-10-08    Wisconsin 82.0     16   18.0     18
##
##      state.name Obama McCain EV DaysToElection obama.intmarg obama.actmarg
## 3375    California    61    37 55      27 days      91.0      24
## 3740    Colorado     54    45 9      27 days      40.0      9
## 4834    Connecticut   61    38 7      27 days      92.0     23
## 5692      D.C.       92     7 3      27 days      94.0     85
## 6165    Delaware     62    37 3      27 days      91.0     25
## 6885    Florida      51    48 27     27 days      30.0      3
## 7972    Hawaii       72    27 4      27 days      95.4     45
## 9103    Iowa        54    44 7      27 days      70.0     10
## 10660   Illinois     62    37 21     27 days      92.0     25
## 11147   Indiana      50    49 11     27 days     -10.0      1
## 13884   Massachusetts 62    36 12     27 days      93.0     26
## 14925   Maryland     62    36 10     27 days      92.0     26
## 15237   Maine       58    40 4      27 days      82.6     18
## 16264   Michigan     57    41 17     27 days      80.0     16

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##	16993	Minnesota	54	44	10	27 days	64.0	10
##	19628	North Carolina	50	49	15	27 days	4.0	1
##	21853	New Hampshire	54	45	4	27 days	50.0	9
##	22473	New Jersey	57	42	15	27 days	85.0	15
##	23230	New Mexico	57	42	5	27 days	58.0	15
##	24380	Nevada	55	43	5	27 days	38.0	12
##	24621	New York	63	36	31	27 days	93.0	27
##	25426	Ohio	51	47	20	27 days	40.0	4
##	27090	Oregon	57	40	7	27 days	85.2	17
##	27941	Pennsylvania	55	44	21	27 days	64.0	11
##	28547	Rhode Island	63	35	4	27 days	90.0	28
##	32815	Virginia	53	46	13	27 days	36.0	7
##	33449	Vermont	67	30	3	27 days	90.0	37
##	34594	Washington	58	40	11	27 days	89.6	18
##	35372	Wisconsin	56	42	10	27 days	64.0	14

Obamawin

##	3375	1
##	3740	1
##	4834	1
##	5692	1
##	6165	1
##	6885	1
##	7972	1
##	9103	1
##	10660	1
##	11147	1
##	13884	1
##	14925	1
##	15237	1
##	16264	1
##	16993	1
##	19628	1
##	21853	1
##	22473	1
##	23230	1
##	24380	1
##	24621	1
##	25426	1
##	27090	1
##	27941	1
##	28547	1
##	32815	1
##	33449	1
##	34594	1
##	35372	1

##

Running total is: 364

I is: 2008-10-16

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR
##	3419	CA 2008-10-16	California	94.6	0	5.0	0
##	4027	CO 2008-10-16	Colorado	85.0	16	19.9	36
##	4960	CT 2008-10-16	Connecticut	93.8	0	6.2	0
##	5656	DC 2008-10-16	District of Columbia	97.0	0	3.0	0
##	6330	DE 2008-10-16	Delaware	95.5	0	4.5	0

##	6509	FL	2008-10-16	Florida	78.0	2	27.9	86
##	8196	HI	2008-10-16	Hawaii	97.7	0	2.3	0
##	9147	IA	2008-10-16	Iowa	90.5	67	10.0	0
##	10380	IL	2008-10-16	Illinois	97.1	0	2.9	0
##	11070	IN	2008-10-16	Indiana	43.0	208	60.0	151
##	14131	MA	2008-10-16	Massachusetts	98.3	0	1.7	0
##	15051	MD	2008-10-16	Maryland	94.3	0	5.7	0
##	15565	ME	2008-10-16	Maine	91.0	0	9.0	0
##	16511	MI	2008-10-16	Michigan	93.5	6	5.6	0
##	17321	MN	2008-10-16	Minnesota	91.0	0	12.1	15
##	19874	NC	2008-10-16	North Carolina	62.0	272	44.9	76
##	22019	NH	2008-10-16	New Hampshire	90.5	2	11.2	13
##	22504	NJ	2008-10-16	New Jersey	94.9	20	6.0	4
##	23477	NM	2008-10-16	New Mexico	86.5	0	15.0	0
##	24587	NV	2008-10-16	Nevada	76.2	34	25.0	28
##	24688	NY	2008-10-16	New York	97.1	0	2.9	0
##	25387	OH	2008-10-16	Ohio	72.5	68	27.2	95
##	26890	OR	2008-10-16	Oregon	93.3	30	6.0	0
##	28107	PA	2008-10-16	Pennsylvania	90.0	89	11.9	107
##	28794	RI	2008-10-16	Rhode Island	95.0	0	5.0	0
##	32857	VA	2008-10-16	Virginia	83.0	339	19.9	218
##	33369	VT	2008-10-16	Vermont	95.0	0	5.0	0
##	34434	WA	2008-10-16	Washington	90.2	44	5.0	0
##	34807	WI	2008-10-16	Wisconsin	92.0	11	8.0	0
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	3419	California	61	37	55	19 days	89.6	24
##	4027	Colorado	54	45	9	19 days	65.1	9
##	4960	Connecticut	61	38	7	19 days	87.6	23
##	5656	D.C.	92	7	3	19 days	94.0	85
##	6330	Delaware	62	37	3	19 days	91.0	25
##	6509	Florida	51	48	27	19 days	50.1	3
##	8196	Hawaii	72	27	4	19 days	95.4	45
##	9147	Iowa	54	44	7	19 days	80.5	10
##	10380	Illinois	62	37	21	19 days	94.2	25
##	11070	Indiana	50	49	11	19 days	-17.0	1
##	14131	Massachusetts	62	36	12	19 days	96.6	26
##	15051	Maryland	62	36	10	19 days	88.6	26
##	15565	Maine	58	40	4	19 days	82.0	18
##	16511	Michigan	57	41	17	19 days	87.9	16
##	17321	Minnesota	54	44	10	19 days	78.9	10
##	19874	North Carolina	50	49	15	19 days	17.1	1
##	22019	New Hampshire	54	45	4	19 days	79.3	9
##	22504	New Jersey	57	42	15	19 days	88.9	15
##	23477	New Mexico	57	42	5	19 days	71.5	15
##	24587	Nevada	55	43	5	19 days	51.2	12
##	24688	New York	63	36	31	19 days	94.2	27
##	25387	Ohio	51	47	20	19 days	45.3	4
##	26890	Oregon	57	40	7	19 days	87.3	17
##	28107	Pennsylvania	55	44	21	19 days	78.1	11
##	28794	Rhode Island	63	35	4	19 days	90.0	28
##	32857	Virginia	53	46	13	19 days	63.1	7
##	33369	Vermont	67	30	3	19 days	90.0	37
##	34434	Washington	58	40	11	19 days	85.2	18
##	34807	Wisconsin	56	42	10	19 days	84.0	14

Obamawin

3419 1
4027 1
4960 1
5656 1
6330 1
6509 1
8196 1
9147 1
10380 1
11070 1
14131 1
15051 1
15565 1
16511 1
17321 1
19874 1
22019 1
22504 1
23477 1
24587 1
24688 1
25387 1
26890 1
28107 1
28794 1
32857 1
33369 1
34434 1
34807 1

##

Running total is: 364

I is: 2008-09-04

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR
## 3137	CA	2008-09-04	California	92.5	15	7.5	0
## 3745	CO	2008-09-04	Colorado	58.5	14	41.5	23
## 4366	CT	2008-09-04	Connecticut	91.0	0	9.0	5
## 5292	DC	2008-09-04	District of Columbia	97.0	0	3.0	0
## 6049	DE	2008-09-04	Delaware	97.0	0	3.0	0
## 6579	FL	2008-09-04	Florida	40.4	24	59.6	279
## 8078	HI	2008-09-04	Hawaii	97.7	0	2.3	0
## 8827	IA	2008-09-04	Iowa	73.0	60	27.0	316
## 10628	IL	2008-09-04	Illinois	96.0	0	4.0	0
## 11356	IN	2008-09-04	Indiana	25.0	54	75.0	30
## 13931	MA	2008-09-04	Massachusetts	93.8	0	6.2	0
## 14526	MD	2008-09-04	Maryland	93.0	10	7.0	10
## 15282	ME	2008-09-04	Maine	90.0	3	10.0	0
## 16473	MI	2008-09-04	Michigan	70.2	12	29.8	65
## 16838	MN	2008-09-04	Minnesota	79.5	20	20.5	62
## 19798	NC	2008-09-04	North Carolina	34.7	15	65.3	0
## 21944	NH	2008-09-04	New Hampshire	62.0	51	38.0	12
## 22549	NJ	2008-09-04	New Jersey	87.3	3	12.7	0
## 23400	NM	2008-09-04	New Mexico	72.0	58	28.0	49
## 24223	NV	2008-09-04	Nevada	58.4	19	41.6	26

##	24732	NY	2008-09-04	New York	92.6	10	7.4	0
##	25595	OH	2008-09-04	Ohio	51.4	15	48.6	42
##	26934	OR	2008-09-04	Oregon	88.0	1	12.0	40
##	27906	PA	2008-09-04	Pennsylvania	78.0	8	22.0	14
##	28310	RI	2008-09-04	Rhode Island	90.5	1	9.5	0
##	32780	VA	2008-09-04	Virginia	52.5	50	47.5	104
##	33619	VT	2008-09-04	Vermont	93.5	0	6.5	10
##	34115	WA	2008-09-04	Washington	91.0	0	9.0	0
##	35218	WI	2008-09-04	Wisconsin	76.5	15	23.5	1
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	3137	California	61	37	55	61 days	85.0	24
##	3745	Colorado	54	45	9	61 days	17.0	9
##	4366	Connecticut	61	38	7	61 days	82.0	23
##	5292	D.C.	92	7	3	61 days	94.0	85
##	6049	Delaware	62	37	3	61 days	94.0	25
##	6579	Florida	51	48	27	61 days	-19.2	3
##	8078	Hawaii	72	27	4	61 days	95.4	45
##	8827	Iowa	54	44	7	61 days	46.0	10
##	10628	Illinois	62	37	21	61 days	92.0	25
##	11356	Indiana	50	49	11	61 days	-50.0	1
##	13931	Massachusetts	62	36	12	61 days	87.6	26
##	14526	Maryland	62	36	10	61 days	86.0	26
##	15282	Maine	58	40	4	61 days	80.0	18
##	16473	Michigan	57	41	17	61 days	40.4	16
##	16838	Minnesota	54	44	10	61 days	59.0	10
##	19798	North Carolina	50	49	15	61 days	-30.6	1
##	21944	New Hampshire	54	45	4	61 days	24.0	9
##	22549	New Jersey	57	42	15	61 days	74.6	15
##	23400	New Mexico	57	42	5	61 days	44.0	15
##	24223	Nevada	55	43	5	61 days	16.8	12
##	24732	New York	63	36	31	61 days	85.2	27
##	25595	Ohio	51	47	20	61 days	2.8	4
##	26934	Oregon	57	40	7	61 days	76.0	17
##	27906	Pennsylvania	55	44	21	61 days	56.0	11
##	28310	Rhode Island	63	35	4	61 days	81.0	28
##	32780	Virginia	53	46	13	61 days	5.0	7
##	33619	Vermont	67	30	3	61 days	87.0	37
##	34115	Washington	58	40	11	61 days	82.0	18
##	35218	Wisconsin	56	42	10	61 days	53.0	14
##		Obamawin						
##	3137	1						
##	3745	1						
##	4366	1						
##	5292	1						
##	6049	1						
##	6579	1						
##	8078	1						
##	8827	1						
##	10628	1						
##	11356	1						
##	13931	1						
##	14526	1						
##	15282	1						
##	16473	1						

```

## 16838      1
## 19798      1
## 21944      1
## 22549      1
## 23400      1
## 24223      1
## 24732      1
## 25595      1
## 26934      1
## 27906      1
## 28310      1
## 32780      1
## 33619      1
## 34115      1
## 35218      1
##
## Running total is: 364
## I is: 2008-09-12
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3262      CA 2008-09-12      California  90.0      10    9.8      8
## 4194      CO 2008-09-12      Colorado   55.0       9   45.0     31
## 4841      CT 2008-09-12      Connecticut 91.3       0   11.5     60
## 5336      DC 2008-09-12 District of Columbia 97.0       0    3.0      0
## 6052      DE 2008-09-12      Delaware   95.0       0    5.5      0
## 6652      FL 2008-09-12      Florida   30.0      24   70.5      1
## 8365      HI 2008-09-12      Hawaii    97.7       0    2.3      0
## 8990      IA 2008-09-12      Iowa      72.4      42   26.2     265
## 10548     IL 2008-09-12      Illinois  96.5       0    3.5      1
## 11157     IN 2008-09-12      Indiana   20.0      20   79.9      0
## 14421     MA 2008-09-12      Massachusetts 97.0       0    3.5      0
## 14812     MD 2008-09-12      Maryland  91.4       0    8.6      0
## 15529     ME 2008-09-12      Maine     90.0       1   10.0      1
## 16152     MI 2008-09-12      Michigan  62.0      30   38.9      1
## 17123     MN 2008-09-12      Minnesota 75.0     100   25.0      0
## 20045     NC 2008-09-12      North Carolina 14.0       0   89.0      0
## 22107     NH 2008-09-12      New Hampshire 58.0      52   40.0      1
## 22835     NJ 2008-09-12      New Jersey  90.0     219   12.0     125
## 23443     NM 2008-09-12      New Mexico  59.8       6   41.9     177
## 24470     NV 2008-09-12      Nevada    42.5       5   58.5      8
## 24898     NY 2008-09-12      New York   94.0       0    8.0      0
## 25842     OH 2008-09-12      Ohio      39.5      28   61.0     35
## 27221     OR 2008-09-12      Oregon     86.9       8   17.5     80
## 28072     PA 2008-09-12      Pennsylvania 69.5      56   33.3     113
## 28678     RI 2008-09-12      Rhode Island 93.3       0    6.7      0
## 32823     VA 2008-09-12      Virginia   37.0      15   63.0     19
## 33663     VT 2008-09-12      Vermont    90.0     111    8.0      0
## 34523     WA 2008-09-12      Washington 85.0      70   18.0     175
## 35140     WI 2008-09-12      Wisconsin 72.4       0   27.6     114
##
##      state.name Obama McCain EV DaysToElection obama.intmarg obama.actmarg
## 3262      California      61      37 55      53 days      80.2      24
## 4194      Colorado      54      45 9      53 days      10.0      9
## 4841      Connecticut      61      38 7      53 days      79.8     23
## 5336      D.C.      92      7 3      53 days      94.0     85
## 6052      Delaware      62      37 3      53 days      89.5     25

```


##	6652	Florida	51	48 27	53 days	-40.5	3
##	8365	Hawaii	72	27 4	53 days	95.4	45
##	8990	Iowa	54	44 7	53 days	46.2	10
##	10548	Illinois	62	37 21	53 days	93.0	25
##	11157	Indiana	50	49 11	53 days	-59.9	1
##	14421	Massachusetts	62	36 12	53 days	93.5	26
##	14812	Maryland	62	36 10	53 days	82.8	26
##	15529	Maine	58	40 4	53 days	80.0	18
##	16152	Michigan	57	41 17	53 days	23.1	16
##	17123	Minnesota	54	44 10	53 days	50.0	10
##	20045	North Carolina	50	49 15	53 days	-75.0	1
##	22107	New Hampshire	54	45 4	53 days	18.0	9
##	22835	New Jersey	57	42 15	53 days	78.0	15
##	23443	New Mexico	57	42 5	53 days	17.9	15
##	24470	Nevada	55	43 5	53 days	-16.0	12
##	24898	New York	63	36 31	53 days	86.0	27
##	25842	Ohio	51	47 20	53 days	-21.5	4
##	27221	Oregon	57	40 7	53 days	69.4	17
##	28072	Pennsylvania	55	44 21	53 days	36.2	11
##	28678	Rhode Island	63	35 4	53 days	86.6	28
##	32823	Virginia	53	46 13	53 days	-26.0	7
##	33663	Vermont	67	30 3	53 days	82.0	37
##	34523	Washington	58	40 11	53 days	67.0	18
##	35140	Wisconsin	56	42 10	53 days	44.8	14
##	Obamawin						
##	3262	1					
##	4194	1					
##	4841	1					
##	5336	1					
##	6052	1					
##	6652	1					
##	8365	1					
##	8990	1					
##	10548	1					
##	11157	1					
##	14421	1					
##	14812	1					
##	15529	1					
##	16152	1					
##	17123	1					
##	20045	1					
##	22107	1					
##	22835	1					
##	23443	1					
##	24470	1					
##	24898	1					
##	25842	1					
##	27221	1					
##	28072	1					
##	28678	1					
##	32823	1					
##	33663	1					
##	34523	1					
##	35140	1					

```

##
## Running total is: 364
## I is: 2008-08-24
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3264    CA 2008-08-24    California  88.5      0   11.5      0
## 4116    CO 2008-08-24      Colorado  56.0      0   44.0      0
## 4723    CT 2008-08-24    Connecticut  86.3      0   13.7      0
## 5459    DC 2008-08-24 District of Columbia  96.3      0    3.7      0
## 6055    DE 2008-08-24      Delaware  95.5      0    4.5      0
## 6777    FL 2008-08-24      Florida  34.0      0   66.0      0
## 8367    HI 2008-08-24      Hawaii   94.0      0    6.0      0
## 9319    IA 2008-08-24      Iowa     75.0      0   25.0      0
## 10432   IL 2008-08-24     Illinois  95.5      0    4.5      0
## 11280   IN 2008-08-24     Indiana  27.9     41   72.1      9
## 13977   MA 2008-08-24    Massachusetts  93.8      0    6.2      0
## 14815   MD 2008-08-24     Maryland  89.8      0   10.2      0
## 15409   ME 2008-08-24     Maine    83.5      0   16.5      0
## 16276   MI 2008-08-24     Michigan  70.0      0   30.0      0
## 17126   MN 2008-08-24     Minnesota  84.9      0   15.1     10
## 19545   NC 2008-08-24   North Carolina  26.0      0   74.0      0
## 21826   NH 2008-08-24   New Hampshire  60.0      6   40.0      0
## 22449   NJ 2008-08-24     New Jersey  90.0      0   10.0      0
## 23242   NM 2008-08-24     New Mexico  69.5      0   30.5     20
## 24269   NV 2008-08-24     Nevada   47.0      5   49.3      1
## 24629   NY 2008-08-24     New York  92.6      0    7.4      0
## 25558   OH 2008-08-24     Ohio     53.0      1   47.0      0
## 27344   OR 2008-08-24     Oregon   89.5      0   10.5      0
## 27589   PA 2008-08-24   Pennsylvania  73.0      6   27.0      0
## 28237   RI 2008-08-24   Rhode Island  87.5      0   12.5      0
## 32948   VA 2008-08-24     Virginia  52.9      0   47.1      0
## 33665   VT 2008-08-24     Vermont   90.8      0    9.2      0
## 34527   WA 2008-08-24     Washington  90.3      0    9.7      0
## 35142   WI 2008-08-24     Wisconsin  72.5      0   27.5      0
##
##      state.name Obama McCain EV DaysToElection obama.intmarg obama.actmarg
## 3264    California    61    37 55      72 days      77.0      24
## 4116     Colorado    54    45  9      72 days      12.0      9
## 4723   Connecticut    61    38  7      72 days      72.6     23
## 5459        D.C.     92     7  3      72 days      92.6     85
## 6055     Delaware    62    37  3      72 days      91.0     25
## 6777     Florida    51    48 27      72 days     -32.0      3
## 8367     Hawaii     72    27  4      72 days      88.0     45
## 9319      Iowa     54    44  7      72 days      50.0     10
## 10432    Illinois    62    37 21      72 days      91.0     25
## 11280    Indiana    50    49 11      72 days     -44.2      1
## 13977  Massachusetts    62    36 12      72 days      87.6     26
## 14815    Maryland    62    36 10      72 days      79.6     26
## 15409     Maine     58    40  4      72 days      67.0     18
## 16276    Michigan    57    41 17      72 days      40.0     16
## 17126    Minnesota    54    44 10      72 days      69.8     10
## 19545  North Carolina    50    49 15      72 days     -48.0      1
## 21826  New Hampshire    54    45  4      72 days      20.0      9
## 22449    New Jersey    57    42 15      72 days      80.0     15
## 23242    New Mexico    57    42  5      72 days      39.0     15
## 24269     Nevada     55    43  5      72 days      -2.3     12

```

##	24629	New York	63	36	31	72 days	85.2	27
##	25558	Ohio	51	47	20	72 days	6.0	4
##	27344	Oregon	57	40	7	72 days	79.0	17
##	27589	Pennsylvania	55	44	21	72 days	46.0	11
##	28237	Rhode Island	63	35	4	72 days	75.0	28
##	32948	Virginia	53	46	13	72 days	5.8	7
##	33665	Vermont	67	30	3	72 days	81.6	37
##	34527	Washington	58	40	11	72 days	80.6	18
##	35142	Wisconsin	56	42	10	72 days	45.0	14

Obamawin

##	3264	1
##	4116	1
##	4723	1
##	5459	1
##	6055	1
##	6777	1
##	8367	1
##	9319	1
##	10432	1
##	11280	1
##	13977	1
##	14815	1
##	15409	1
##	16276	1
##	17126	1
##	19545	1
##	21826	1
##	22449	1
##	23242	1
##	24269	1
##	24629	1
##	25558	1
##	27344	1
##	27589	1
##	28237	1
##	32948	1
##	33665	1
##	34527	1
##	35142	1

##

Running total is: 364

I is: 2008-10-25

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR
##	3147	CA 2008-10-25	California	96.8	0	6.0	0
##	4241	CO 2008-10-25	Colorado	85.0	107	14.5	50
##	4727	CT 2008-10-25	Connecticut	97.1	0	2.9	0
##	5342	DC 2008-10-25	District of Columbia	97.0	0	3.0	0
##	5814	DE 2008-10-25	Delaware	95.5	0	4.5	0
##	6659	FL 2008-10-25	Florida	68.0	102	34.9	95
##	8493	HI 2008-10-25	Hawaii	97.7	0	2.3	0
##	8877	IA 2008-10-25	Iowa	93.0	92	10.7	0
##	10555	IL 2008-10-25	Illinois	95.5	0	4.5	0
##	11163	IN 2008-10-25	Indiana	59.0	185	42.0	202
##	13980	MA 2008-10-25	Massachusetts	97.4	0	2.6	0

##	14943	MD	2008-10-25	Maryland	96.0	0	4.0	0
##	15414	ME	2008-10-25	Maine	96.2	0	3.8	0
##	16400	MI	2008-10-25	Michigan	95.9	7	5.6	2
##	16765	MN	2008-10-25	Minnesota	91.9	71	4.0	0
##	19970	NC	2008-10-25	North Carolina	66.9	269	36.5	200
##	22236	NH	2008-10-25	New Hampshire	83.0	89	12.0	0
##	22722	NJ	2008-10-25	New Jersey	95.5	22	4.5	0
##	23573	NM	2008-10-25	New Mexico	88.2	0	11.8	0
##	24275	NV	2008-10-25	Nevada	78.0	36	26.0	36
##	24905	NY	2008-10-25	New York	96.3	0	3.7	0
##	25443	OH	2008-10-25	Ohio	69.5	143	31.0	153
##	27105	OR	2008-10-25	Oregon	95.1	92	3.5	0
##	28041	PA	2008-10-25	Pennsylvania	88.0	87	13.5	25
##	28688	RI	2008-10-25	Rhode Island	95.5	0	4.5	0
##	32953	VA	2008-10-25	Virginia	79.5	138	20.0	79
##	33357	VT	2008-10-25	Vermont	95.0	0	5.0	0
##	34611	WA	2008-10-25	Washington	96.8	0	3.2	0
##	34902	WI	2008-10-25	Wisconsin	91.0	0	9.0	0
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	3147	California	61	37	55	10 days	90.8	24
##	4241	Colorado	54	45	9	10 days	70.5	9
##	4727	Connecticut	61	38	7	10 days	94.2	23
##	5342	D.C.	92	7	3	10 days	94.0	85
##	5814	Delaware	62	37	3	10 days	91.0	25
##	6659	Florida	51	48	27	10 days	33.1	3
##	8493	Hawaii	72	27	4	10 days	95.4	45
##	8877	Iowa	54	44	7	10 days	82.3	10
##	10555	Illinois	62	37	21	10 days	91.0	25
##	11163	Indiana	50	49	11	10 days	17.0	1
##	13980	Massachusetts	62	36	12	10 days	94.8	26
##	14943	Maryland	62	36	10	10 days	92.0	26
##	15414	Maine	58	40	4	10 days	92.4	18
##	16400	Michigan	57	41	17	10 days	90.3	16
##	16765	Minnesota	54	44	10	10 days	87.9	10
##	19970	North Carolina	50	49	15	10 days	30.4	1
##	22236	New Hampshire	54	45	4	10 days	71.0	9
##	22722	New Jersey	57	42	15	10 days	91.0	15
##	23573	New Mexico	57	42	5	10 days	76.4	15
##	24275	Nevada	55	43	5	10 days	52.0	12
##	24905	New York	63	36	31	10 days	92.6	27
##	25443	Ohio	51	47	20	10 days	38.5	4
##	27105	Oregon	57	40	7	10 days	91.6	17
##	28041	Pennsylvania	55	44	21	10 days	74.5	11
##	28688	Rhode Island	63	35	4	10 days	91.0	28
##	32953	Virginia	53	46	13	10 days	59.5	7
##	33357	Vermont	67	30	3	10 days	90.0	37
##	34611	Washington	58	40	11	10 days	93.6	18
##	34902	Wisconsin	56	42	10	10 days	82.0	14
##		Obamawin						
##	3147	1						
##	4241	1						
##	4727	1						
##	5342	1						
##	5814	1						

```

## 6659      1
## 8493      1
## 8877      1
## 10555     1
## 11163     1
## 13980     1
## 14943     1
## 15414     1
## 16400     1
## 16765     1
## 19970     1
## 22236     1
## 22722     1
## 23573     1
## 24275     1
## 24905     1
## 25443     1
## 27105     1
## 28041     1
## 28688     1
## 32953     1
## 33357     1
## 34611     1
## 34902     1

```

```
##
```

```
## Running total is: 364
```

```
## I is: 2008-09-05
```

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR
## 3148	CA	2008-09-05	California	92.5	90	7.5	0
## 3756	CO	2008-09-05	Colorado	57.0	4	43.0	1
## 4364	CT	2008-09-05	Connecticut	91.0	0	9.0	0
## 5343	DC	2008-09-05	District of Columbia	97.0	0	3.0	0
## 6060	DE	2008-09-05	Delaware	97.0	0	3.0	0
## 6617	FL	2008-09-05	Florida	40.0	18	63.0	42
## 8129	HI	2008-09-05	Hawaii	97.7	0	2.3	0
## 8878	IA	2008-09-05	Iowa	72.9	58	27.1	1
## 10679	IL	2008-09-05	Illinois	96.0	0	4.0	0
## 11407	IN	2008-09-05	Indiana	26.6	63	70.0	117
## 13982	MA	2008-09-05	Massachusetts	93.8	0	6.2	0
## 14577	MD	2008-09-05	Maryland	93.0	0	7.0	0
## 15293	ME	2008-09-05	Maine	90.0	0	10.0	0
## 16524	MI	2008-09-05	Michigan	66.7	1	30.1	3
## 16889	MN	2008-09-05	Minnesota	80.0	2	20.5	0
## 19849	NC	2008-09-05	North Carolina	31.0	23	72.0	10
## 21995	NH	2008-09-05	New Hampshire	62.0	92	39.0	113
## 22600	NJ	2008-09-05	New Jersey	87.3	0	12.7	0
## 23451	NM	2008-09-05	New Mexico	75.0	15	28.0	0
## 24153	NV	2008-09-05	Nevada	52.0	1	44.0	0
## 24783	NY	2008-09-05	New York	94.0	0	6.0	0
## 25646	OH	2008-09-05	Ohio	52.6	0	48.6	4
## 26985	OR	2008-09-05	Oregon	88.0	0	12.0	0
## 27957	PA	2008-09-05	Pennsylvania	78.0	13	23.0	0
## 28321	RI	2008-09-05	Rhode Island	93.0	50	9.5	0
## 32831	VA	2008-09-05	Virginia	52.5	51	48.0	62

## 33670	VT 2008-09-05		Vermont	93.5	0	6.5	0
## 34166	WA 2008-09-05		Washington	91.0	0	9.0	0
## 35269	WI 2008-09-05		Wisconsin	84.0	2	20.0	1
##	state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
## 3148	California	61	37	55	60 days	85.0	24
## 3756	Colorado	54	45	9	60 days	14.0	9
## 4364	Connecticut	61	38	7	60 days	82.0	23
## 5343	D.C.	92	7	3	60 days	94.0	85
## 6060	Delaware	62	37	3	60 days	94.0	25
## 6617	Florida	51	48	27	60 days	-23.0	3
## 8129	Hawaii	72	27	4	60 days	95.4	45
## 8878	Iowa	54	44	7	60 days	45.8	10
## 10679	Illinois	62	37	21	60 days	92.0	25
## 11407	Indiana	50	49	11	60 days	-43.4	1
## 13982	Massachusetts	62	36	12	60 days	87.6	26
## 14577	Maryland	62	36	10	60 days	86.0	26
## 15293	Maine	58	40	4	60 days	80.0	18
## 16524	Michigan	57	41	17	60 days	36.6	16
## 16889	Minnesota	54	44	10	60 days	59.5	10
## 19849	North Carolina	50	49	15	60 days	-41.0	1
## 21995	New Hampshire	54	45	4	60 days	23.0	9
## 22600	New Jersey	57	42	15	60 days	74.6	15
## 23451	New Mexico	57	42	5	60 days	47.0	15
## 24153	Nevada	55	43	5	60 days	8.0	12
## 24783	New York	63	36	31	60 days	88.0	27
## 25646	Ohio	51	47	20	60 days	4.0	4
## 26985	Oregon	57	40	7	60 days	76.0	17
## 27957	Pennsylvania	55	44	21	60 days	55.0	11
## 28321	Rhode Island	63	35	4	60 days	83.5	28
## 32831	Virginia	53	46	13	60 days	4.5	7
## 33670	Vermont	67	30	3	60 days	87.0	37
## 34166	Washington	58	40	11	60 days	82.0	18
## 35269	Wisconsin	56	42	10	60 days	64.0	14
##	Obamawin						
## 3148	1						
## 3756	1						
## 4364	1						
## 5343	1						
## 6060	1						
## 6617	1						
## 8129	1						
## 8878	1						
## 10679	1						
## 11407	1						
## 13982	1						
## 14577	1						
## 15293	1						
## 16524	1						
## 16889	1						
## 19849	1						
## 21995	1						
## 22600	1						
## 23451	1						
## 24153	1						

```

## 24783      1
## 25646      1
## 26985      1
## 27957      1
## 28321      1
## 32831      1
## 33670      1
## 34166      1
## 35269      1
##
## Running total is: 364
## I is: 2008-10-26
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3198    CA 2008-10-26    California  96.8      0    5.0      0
## 4292    CO 2008-10-26    Colorado   84.5     23   16.4     15
## 4778    CT 2008-10-26    Connecticut 97.1      0    2.9      0
## 5393    DC 2008-10-26 District of Columbia 97.0      0    3.0      0
## 5865    DE 2008-10-26    Delaware   95.5      0    4.5      0
## 6710    FL 2008-10-26    Florida   70.0     56   31.5    113
## 8423    HI 2008-10-26    Hawaii     97.7      0    2.3      0
## 8928    IA 2008-10-26    Iowa      92.0      0    8.1     20
## 10606   IL 2008-10-26    Illinois  95.5      0    4.5      0
## 11214   IN 2008-10-26    Indiana  57.4    178   41.1    240
## 14031   MA 2008-10-26    Massachusetts 97.4      0    2.6      0
## 14994   MD 2008-10-26    Maryland  96.0      0    4.0      0
## 15465   ME 2008-10-26    Maine     96.2      0    3.8      0
## 16451   MI 2008-10-26    Michigan  95.9      0    5.6      2
## 16816   MN 2008-10-26    Minnesota 91.5     40    7.2      4
## 20021   NC 2008-10-26    North Carolina 68.0    313   36.9     73
## 22166   NH 2008-10-26    New Hampshire 85.5     13   12.7      3
## 22652   NJ 2008-10-26    New Jersey  93.9      6    6.9      3
## 23624   NM 2008-10-26    New Mexico 88.2      0   11.8      0
## 24326   NV 2008-10-26    Nevada     77.0     81   26.0     16
## 24835   NY 2008-10-26    New York   96.3      0    3.7      0
## 25494   OH 2008-10-26    Ohio      80.0     74   20.5    612
## 27156   OR 2008-10-26    Oregon     95.1      0    5.0      0
## 28092   PA 2008-10-26    Pennsylvania 86.0     73   16.0     34
## 28739   RI 2008-10-26    Rhode Island 95.5      0    4.5      0
## 33004   VA 2008-10-26    Virginia   80.1     68   20.0    105
## 33355   VT 2008-10-26    Vermont    95.0      0    5.0      0
## 34581   WA 2008-10-26    Washington 96.8      0    3.2     20
## 34953   WI 2008-10-26    Wisconsin  91.0      0    9.0      0
##
##      state.name Obama McCain EV DaysToElection obama.intmarg obama.actmarg
## 3198    California    61    37 55      9 days      91.8      24
## 4292     Colorado    54    45  9      9 days      68.1      9
## 4778   Connecticut    61    38  7      9 days      94.2     23
## 5393         D.C.    92     7  3      9 days      94.0     85
## 5865     Delaware    62    37  3      9 days      91.0     25
## 6710     Florida    51    48 27      9 days      38.5      3
## 8423      Hawaii    72    27  4      9 days      95.4     45
## 8928       Iowa    54    44  7      9 days      83.9     10
## 10606    Illinois    62    37 21      9 days      91.0     25
## 11214     Indiana    50    49 11      9 days      16.3      1
## 14031  Massachusetts    62    36 12      9 days      94.8     26

```

##	14994	Maryland	62	36	10	9 days	92.0	26
##	15465	Maine	58	40	4	9 days	92.4	18
##	16451	Michigan	57	41	17	9 days	90.3	16
##	16816	Minnesota	54	44	10	9 days	84.3	10
##	20021	North Carolina	50	49	15	9 days	31.1	1
##	22166	New Hampshire	54	45	4	9 days	72.8	9
##	22652	New Jersey	57	42	15	9 days	87.0	15
##	23624	New Mexico	57	42	5	9 days	76.4	15
##	24326	Nevada	55	43	5	9 days	51.0	12
##	24835	New York	63	36	31	9 days	92.6	27
##	25494	Ohio	51	47	20	9 days	59.5	4
##	27156	Oregon	57	40	7	9 days	90.1	17
##	28092	Pennsylvania	55	44	21	9 days	70.0	11
##	28739	Rhode Island	63	35	4	9 days	91.0	28
##	33004	Virginia	53	46	13	9 days	60.1	7
##	33355	Vermont	67	30	3	9 days	90.0	37
##	34581	Washington	58	40	11	9 days	93.6	18
##	34953	Wisconsin	56	42	10	9 days	82.0	14

Obamawin

##	3198	1
##	4292	1
##	4778	1
##	5393	1
##	5865	1
##	6710	1
##	8423	1
##	8928	1
##	10606	1
##	11214	1
##	14031	1
##	14994	1
##	15465	1
##	16451	1
##	16816	1
##	20021	1
##	22166	1
##	22652	1
##	23624	1
##	24326	1
##	24835	1
##	25494	1
##	27156	1
##	28092	1
##	28739	1
##	33004	1
##	33355	1
##	34581	1
##	34953	1

##

Running total is: 364

I is: 2008-08-10

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR	
##	2957	CA	2008-08-10	California	89.3	0	10.7	0
##	3889	CO	2008-08-10	Colorado	63.4	0	36.6	0

## 4740	CT 2008-08-10	Connecticut	83.5	0	16.5	0	
## 5680	DC 2008-08-10	District of Columbia	96.3	0	3.7	0	
## 6192	DE 2008-08-10	Delaware	88.0	0	12.0	0	
## 7156	FL 2008-08-10	Florida	37.6	0	63.0	0	
## 8137	HI 2008-08-10	Hawaii	95.3	0	4.7	0	
## 8927	IA 2008-08-10	Iowa	72.5	0	27.5	0	
## 10202	IL 2008-08-10	Illinois	94.0	0	6.0	0	
## 10888	IN 2008-08-10	Indiana	37.5	0	62.5	0	
## 14115	MA 2008-08-10	Massachusetts	92.5	0	7.5	0	
## 14708	MD 2008-08-10	Maryland	89.0	0	11.0	0	
## 15303	ME 2008-08-10	Maine	84.3	0	16.0	0	
## 16167	MI 2008-08-10	Michigan	70.0	0	30.0	0	
## 16815	MN 2008-08-10	Minnesota	84.2	0	15.8	0	
## 19980	NC 2008-08-10	North Carolina	30.0	0	70.0	0	
## 22002	NH 2008-08-10	New Hampshire	57.5	0	42.5	0	
## 22610	NJ 2008-08-10	New Jersey	88.0	0	12.0	0	
## 23339	NM 2008-08-10	New Mexico	72.9	0	27.1	0	
## 24284	NV 2008-08-10	Nevada	50.0	0	51.0	0	
## 24791	NY 2008-08-10	New York	93.0	0	7.0	0	
## 25574	OH 2008-08-10	Ohio	59.0	0	41.0	0	
## 27237	OR 2008-08-10	Oregon	86.7	0	13.3	0	
## 27968	PA 2008-08-10	Pennsylvania	73.5	0	26.5	0	
## 28698	RI 2008-08-10	Rhode Island	92.5	0	7.5	0	
## 32842	VA 2008-08-10	Virginia	54.0	0	46.0	0	
## 33559	VT 2008-08-10	Vermont	91.0	0	9.0	0	
## 34541	WA 2008-08-10	Washington	90.3	0	9.7	0	
## 35401	WI 2008-08-10	Wisconsin	80.0	0	20.0	0	
##	state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
## 2957	California	61	37	55	86 days	78.6	24
## 3889	Colorado	54	45	9	86 days	26.8	9
## 4740	Connecticut	61	38	7	86 days	67.0	23
## 5680	D.C.	92	7	3	86 days	92.6	85
## 6192	Delaware	62	37	3	86 days	76.0	25
## 7156	Florida	51	48	27	86 days	-25.4	3
## 8137	Hawaii	72	27	4	86 days	90.6	45
## 8927	Iowa	54	44	7	86 days	45.0	10
## 10202	Illinois	62	37	21	86 days	88.0	25
## 10888	Indiana	50	49	11	86 days	-25.0	1
## 14115	Massachusetts	62	36	12	86 days	85.0	26
## 14708	Maryland	62	36	10	86 days	78.0	26
## 15303	Maine	58	40	4	86 days	68.3	18
## 16167	Michigan	57	41	17	86 days	40.0	16
## 16815	Minnesota	54	44	10	86 days	68.4	10
## 19980	North Carolina	50	49	15	86 days	-40.0	1
## 22002	New Hampshire	54	45	4	86 days	15.0	9
## 22610	New Jersey	57	42	15	86 days	76.0	15
## 23339	New Mexico	57	42	5	86 days	45.8	15
## 24284	Nevada	55	43	5	86 days	-1.0	12
## 24791	New York	63	36	31	86 days	86.0	27
## 25574	Ohio	51	47	20	86 days	18.0	4
## 27237	Oregon	57	40	7	86 days	73.4	17
## 27968	Pennsylvania	55	44	21	86 days	47.0	11
## 28698	Rhode Island	63	35	4	86 days	85.0	28
## 32842	Virginia	53	46	13	86 days	8.0	7

```

## 33559      Vermont      67      30  3      86 days      82.0      37
## 34541      Washington    58      40 11      86 days      80.6      18
## 35401      Wisconsin    56      42 10      86 days      60.0      14
##      Obamawin
## 2957      1
## 3889      1
## 4740      1
## 5680      1
## 6192      1
## 7156      1
## 8137      1
## 8927      1
## 10202     1
## 10888     1
## 14115     1
## 14708     1
## 15303     1
## 16167     1
## 16815     1
## 19980     1
## 22002     1
## 22610     1
## 23339     1
## 24284     1
## 24791     1
## 25574     1
## 27237     1
## 27968     1
## 28698     1
## 32842     1
## 33559     1
## 34541     1
## 35401     1
##
## Running total is: 364
## I is: 2008-08-22
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3162      CA 2008-08-22      California 88.5      0 11.5      0
## 4014      CO 2008-08-22      Colorado 56.0      4 44.0      0
## 4621      CT 2008-08-22      Connecticut 85.5      0 14.5      0
## 5357      DC 2008-08-22 District of Columbia 96.3      0 3.7      0
## 5953      DE 2008-08-22      Delaware 87.5     14 12.5      0
## 6675      FL 2008-08-22      Florida 34.5      0 65.5      0
## 8265      HI 2008-08-22      Hawaii 95.2      0 4.8      0
## 9257      IA 2008-08-22      Iowa 70.3      0 29.8      0
## 10693     IL 2008-08-22      Illinois 95.5      0 4.5      0
## 11299     IN 2008-08-22      Indiana 34.1     13 65.9     15
## 13875     MA 2008-08-22      Massachusetts 93.8      0 6.2      0
## 14713     MD 2008-08-22      Maryland 89.8      0 10.2      0
## 15347     ME 2008-08-22      Maine 84.3      0 15.7      0
## 16295     MI 2008-08-22      Michigan 66.0     20 34.0      0
## 17024     MN 2008-08-22      Minnesota 78.0      0 22.0      8
## 19578     NC 2008-08-22      North Carolina 27.5      1 72.5      0
## 21845     NH 2008-08-22      New Hampshire 57.5      0 42.5     16

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##	22448	NJ	2008-08-22	New Jersey	86.6	0	13.4	0
##	23220	NM	2008-08-22	New Mexico	70.0	0	30.0	0
##	24288	NV	2008-08-22	Nevada	49.0	4	51.0	20
##	24716	NY	2008-08-22	New York	92.6	0	7.4	0
##	25456	OH	2008-08-22	Ohio	53.0	0	47.0	0
##	27242	OR	2008-08-22	Oregon	89.5	0	10.5	0
##	27567	PA	2008-08-22	Pennsylvania	70.0	35	30.0	0
##	28295	RI	2008-08-22	Rhode Island	90.0	0	10.0	0
##	32967	VA	2008-08-22	Virginia	50.7	0	49.3	20
##	33563	VT	2008-08-22	Vermont	91.0	0	9.0	0
##	34546	WA	2008-08-22	Washington	88.0	0	12.0	0
##	35040	WI	2008-08-22	Wisconsin	74.9	0	25.1	0
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	3162	California	61	37	55	74 days	77.0	24
##	4014	Colorado	54	45	9	74 days	12.0	9
##	4621	Connecticut	61	38	7	74 days	71.0	23
##	5357	D.C.	92	7	3	74 days	92.6	85
##	5953	Delaware	62	37	3	74 days	75.0	25
##	6675	Florida	51	48	27	74 days	-31.0	3
##	8265	Hawaii	72	27	4	74 days	90.4	45
##	9257	Iowa	54	44	7	74 days	40.5	10
##	10693	Illinois	62	37	21	74 days	91.0	25
##	11299	Indiana	50	49	11	74 days	-31.8	1
##	13875	Massachusetts	62	36	12	74 days	87.6	26
##	14713	Maryland	62	36	10	74 days	79.6	26
##	15347	Maine	58	40	4	74 days	68.6	18
##	16295	Michigan	57	41	17	74 days	32.0	16
##	17024	Minnesota	54	44	10	74 days	56.0	10
##	19578	North Carolina	50	49	15	74 days	-45.0	1
##	21845	New Hampshire	54	45	4	74 days	15.0	9
##	22448	New Jersey	57	42	15	74 days	73.2	15
##	23220	New Mexico	57	42	5	74 days	40.0	15
##	24288	Nevada	55	43	5	74 days	-2.0	12
##	24716	New York	63	36	31	74 days	85.2	27
##	25456	Ohio	51	47	20	74 days	6.0	4
##	27242	Oregon	57	40	7	74 days	79.0	17
##	27567	Pennsylvania	55	44	21	74 days	40.0	11
##	28295	Rhode Island	63	35	4	74 days	80.0	28
##	32967	Virginia	53	46	13	74 days	1.4	7
##	33563	Vermont	67	30	3	74 days	82.0	37
##	34546	Washington	58	40	11	74 days	76.0	18
##	35040	Wisconsin	56	42	10	74 days	49.8	14
##		Obamawin						
##	3162	1						
##	4014	1						
##	4621	1						
##	5357	1						
##	5953	1						
##	6675	1						
##	8265	1						
##	9257	1						
##	10693	1						
##	11299	1						
##	13875	1						

```

## 14713      1
## 15347      1
## 16295      1
## 17024      1
## 19578      1
## 21845      1
## 22448      1
## 23220      1
## 24288      1
## 24716      1
## 25456      1
## 27242      1
## 27567      1
## 28295      1
## 32967      1
## 33563      1
## 34546      1
## 35040      1
##
## Running total is: 364
## I is: 2008-10-11
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3488    CA 2008-10-11    California   95.8        0    5.0        0
## 3893    CO 2008-10-11    Colorado    74.8       46   26.0       52
## 4947    CT 2008-10-11    Connecticut  93.8        0    6.2        0
## 5753    DC 2008-10-11 District of Columbia 97.0        0    3.0        0
## 6318    DE 2008-10-11    Delaware    95.5        0    4.5        0
## 7038    FL 2008-10-11    Florida     67.0       12   37.0       62
## 7981    HI 2008-10-11    Hawaii      97.7        0    2.3        0
## 9256    IA 2008-10-11    Iowa       88.5      146   11.5       98
## 10813   IL 2008-10-11    Illinois   96.6        0    3.4        0
## 11179   IN 2008-10-11    Indiana   50.0      107   56.0      176
## 13876   MA 2008-10-11    Massachusetts 98.3        0    1.7        0
## 15078   MD 2008-10-11    Maryland   94.3        0    5.7        0
## 15310   ME 2008-10-11    Maine      91.3        0    8.7        0
## 16377   MI 2008-10-11    Michigan   92.0       44    8.0       27
## 17146   MN 2008-10-11    Minnesota   85.0       13   15.0        2
## 19660   NC 2008-10-11    North Carolina 57.0      156   49.8      279
## 22006   NH 2008-10-11    New Hampshire 80.0       51   27.0        4
## 22532   NJ 2008-10-11    New Jersey  92.5        0    7.5        0
## 23262   NM 2008-10-11    New Mexico  81.7       10   20.8        1
## 24412   NV 2008-10-11    Nevada     71.2       17   33.9       10
## 24637   NY 2008-10-11    New York   96.5        0    3.5        0
## 25499   OH 2008-10-11    Ohio       70.0      121   29.0       16
## 27243   OR 2008-10-11    Oregon     92.8        4    7.0        0
## 28094   PA 2008-10-11    Pennsylvania 84.0        4   15.0       12
## 28700   RI 2008-10-11    Rhode Island 95.0        0    5.0        0
## 32968   VA 2008-10-11    Virginia   69.0       50   32.0       45
## 33562   VT 2008-10-11    Vermont    95.0        0    5.0        0
## 34586   WA 2008-10-11    Washington 93.1        2    6.9        0
## 35428   WI 2008-10-11    Wisconsin  87.0        0   11.0        0
##
##      state.name Obama McCain EV DaysToElection obama.intmarg obama.actmarg
## 3488    California    61    37 55         24 days         90.8         24
## 3893     Colorado    54    45 9         24 days         48.8         9

```

## 4947	Connecticut	61	38	7	24 days	87.6	23
## 5753	D.C.	92	7	3	24 days	94.0	85
## 6318	Delaware	62	37	3	24 days	91.0	25
## 7038	Florida	51	48	27	24 days	30.0	3
## 7981	Hawaii	72	27	4	24 days	95.4	45
## 9256	Iowa	54	44	7	24 days	77.0	10
## 10813	Illinois	62	37	21	24 days	93.2	25
## 11179	Indiana	50	49	11	24 days	-6.0	1
## 13876	Massachusetts	62	36	12	24 days	96.6	26
## 15078	Maryland	62	36	10	24 days	88.6	26
## 15310	Maine	58	40	4	24 days	82.6	18
## 16377	Michigan	57	41	17	24 days	84.0	16
## 17146	Minnesota	54	44	10	24 days	70.0	10
## 19660	North Carolina	50	49	15	24 days	7.2	1
## 22006	New Hampshire	54	45	4	24 days	53.0	9
## 22532	New Jersey	57	42	15	24 days	85.0	15
## 23262	New Mexico	57	42	5	24 days	60.9	15
## 24412	Nevada	55	43	5	24 days	37.3	12
## 24637	New York	63	36	31	24 days	93.0	27
## 25499	Ohio	51	47	20	24 days	41.0	4
## 27243	Oregon	57	40	7	24 days	85.8	17
## 28094	Pennsylvania	55	44	21	24 days	69.0	11
## 28700	Rhode Island	63	35	4	24 days	90.0	28
## 32968	Virginia	53	46	13	24 days	37.0	7
## 33562	Vermont	67	30	3	24 days	90.0	37
## 34586	Washington	58	40	11	24 days	86.2	18
## 35428	Wisconsin	56	42	10	24 days	76.0	14
##	Obamawin						
## 3488	1						
## 3893	1						
## 4947	1						
## 5753	1						
## 6318	1						
## 7038	1						
## 7981	1						
## 9256	1						
## 10813	1						
## 11179	1						
## 13876	1						
## 15078	1						
## 15310	1						
## 16377	1						
## 17146	1						
## 19660	1						
## 22006	1						
## 22532	1						
## 23262	1						
## 24412	1						
## 24637	1						
## 25499	1						
## 27243	1						
## 28094	1						
## 28700	1						
## 32968	1						

```

## 33562      1
## 34586      1
## 35428      1
##
## Running total is: 364
## I is: 2008-09-18
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3204      CA 2008-09-18      California 88.8      885      13.0      49
## 3689      CO 2008-09-18      Colorado 57.9      145      45.4      145
## 4418      CT 2008-09-18      Connecticut 86.5      0      11.5      0
## 5399      DC 2008-09-18 District of Columbia 97.0      0      3.0      0
## 5831      DE 2008-09-18      Delaware 95.0      0      6.0      0
## 6958      FL 2008-09-18      Florida 34.7      167      67.6      83
## 8307      HI 2008-09-18      Hawaii 97.7      0      2.3      0
## 8932      IA 2008-09-18      Iowa 74.0      21      26.0      50
## 10490     IL 2008-09-18      Illinois 96.4      0      3.6      0
## 10977     IN 2008-09-18      Indiana 28.9      77      75.0      67
## 13957     MA 2008-09-18      Massachusetts 97.0      0      3.0      0
## 14673     MD 2008-09-18      Maryland 91.8      0      8.2      0
## 15350     ME 2008-09-18      Maine 89.6      0      10.4      0
## 16297     MI 2008-09-18      Michigan 67.0      0      35.2      3
## 17065     MN 2008-09-18      Minnesota 74.0      69      31.3      12
## 19581     NC 2008-09-18      North Carolina 29.0      276      75.0      116
## 22170     NH 2008-09-18      New Hampshire 60.0      21      40.2      4
## 22655     NJ 2008-09-18      New Jersey 85.0      0      17.0      9
## 23304     NM 2008-09-18      New Mexico 64.0      79      39.9      0
## 24329     NV 2008-09-18      Nevada 51.2      68      55.0      13
## 25083     NY 2008-09-18      New York 90.0      20      11.0      47
## 25460     OH 2008-09-18      Ohio 53.9      156      45.1      138
## 27406     OR 2008-09-18      Oregon 80.0      81      20.0      140
## 27892     PA 2008-09-18      Pennsylvania 70.0      19      33.3      82
## 28498     RI 2008-09-18      Rhode Island 95.0      60      6.8      0
## 33129     VA 2008-09-18      Virginia 46.0      380      50.0      367
## 33848     VT 2008-09-18      Vermont 92.3      0      7.7      0
## 34587     WA 2008-09-18      Washington 82.8      5      18.0      5
## 35203     WI 2008-09-18      Wisconsin 75.0      16      26.3      54
##      state.name Obama McCain EV DaysToElection obama.intmarg obama.actmarg
## 3204      California 61      37 55      47 days      75.8      24
## 3689      Colorado 54      45 9      47 days      12.5      9
## 4418      Connecticut 61      38 7      47 days      75.0      23
## 5399      D.C. 92      7 3      47 days      94.0      85
## 5831      Delaware 62      37 3      47 days      89.0      25
## 6958      Florida 51      48 27      47 days      -32.9      3
## 8307      Hawaii 72      27 4      47 days      95.4      45
## 8932      Iowa 54      44 7      47 days      48.0      10
## 10490     Illinois 62      37 21      47 days      92.8      25
## 10977     Indiana 50      49 11      47 days      -46.1      1
## 13957     Massachusetts 62      36 12      47 days      94.0      26
## 14673     Maryland 62      36 10      47 days      83.6      26
## 15350     Maine 58      40 4      47 days      79.2      18
## 16297     Michigan 57      41 17      47 days      31.8      16
## 17065     Minnesota 54      44 10      47 days      42.7      10
## 19581     North Carolina 50      49 15      47 days      -46.0      1
## 22170     New Hampshire 54      45 4      47 days      19.8      9

```

##	22655	New Jersey	57	42 15	47 days	68.0	15
##	23304	New Mexico	57	42 5	47 days	24.1	15
##	24329	Nevada	55	43 5	47 days	-3.8	12
##	25083	New York	63	36 31	47 days	79.0	27
##	25460	Ohio	51	47 20	47 days	8.8	4
##	27406	Oregon	57	40 7	47 days	60.0	17
##	27892	Pennsylvania	55	44 21	47 days	36.7	11
##	28498	Rhode Island	63	35 4	47 days	88.2	28
##	33129	Virginia	53	46 13	47 days	-4.0	7
##	33848	Vermont	67	30 3	47 days	84.6	37
##	34587	Washington	58	40 11	47 days	64.8	18
##	35203	Wisconsin	56	42 10	47 days	48.7	14

Obamawin

##	3204	1
##	3689	1
##	4418	1
##	5399	1
##	5831	1
##	6958	1
##	8307	1
##	8932	1
##	10490	1
##	10977	1
##	13957	1
##	14673	1
##	15350	1
##	16297	1
##	17065	1
##	19581	1
##	22170	1
##	22655	1
##	23304	1
##	24329	1
##	25083	1
##	25460	1
##	27406	1
##	27892	1
##	28498	1
##	33129	1
##	33848	1
##	34587	1
##	35203	1

##

Running total is: 364

I is: 2008-10-19

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR
##	3492	CA 2008-10-19	California	96.0	5	4.0	15
##	4180	CO 2008-10-19	Colorado	85.0	28	15.1	169
##	5033	CT 2008-10-19	Connecticut	93.8	0	6.2	0
##	5729	DC 2008-10-19	District of Columbia	97.0	0	3.0	0
##	6443	DE 2008-10-19	Delaware	95.5	0	4.5	0
##	6595	FL 2008-10-19	Florida	73.6	23	26.0	215
##	8309	HI 2008-10-19	Hawaii	97.7	0	2.3	0
##	9300	IA 2008-10-19	Iowa	87.0	0	13.0	0

##	10493	IL	2008-10-19	Illinois	97.1	0	2.9	0
##	11223	IN	2008-10-19	Indiana	36.0	74	64.0	99
##	14284	MA	2008-10-19	Massachusetts	97.4	0	2.6	0
##	15043	MD	2008-10-19	Maryland	96.0	0	4.0	0
##	15718	ME	2008-10-19	Maine	92.9	1	7.1	0
##	16598	MI	2008-10-19	Michigan	93.5	1	6.5	1
##	17333	MN	2008-10-19	Minnesota	91.5	1	8.5	0
##	20027	NC	2008-10-19	North Carolina	58.5	275	44.6	201
##	22172	NH	2008-10-19	New Hampshire	88.8	16	11.2	10
##	22537	NJ	2008-10-19	New Jersey	93.5	0	6.5	0
##	23630	NM	2008-10-19	New Mexico	87.9	0	12.1	0
##	24578	NV	2008-10-19	Nevada	76.5	49	23.5	65
##	24841	NY	2008-10-19	New York	97.1	20	2.9	0
##	25328	OH	2008-10-19	Ohio	68.5	136	31.5	36
##	27043	OR	2008-10-19	Oregon	93.4	0	6.6	0
##	28099	PA	2008-10-19	Pennsylvania	89.5	105	10.5	120
##	28826	RI	2008-10-19	Rhode Island	95.0	0	5.0	0
##	32889	VA	2008-10-19	Virginia	81.6	173	18.4	278
##	33482	VT	2008-10-19	Vermont	95.0	0	5.0	0
##	34466	WA	2008-10-19	Washington	95.3	0	4.7	0
##	34960	WI	2008-10-19	Wisconsin	92.0	0	8.0	0
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	3492	California	61	37	55	16 days	92.0	24
##	4180	Colorado	54	45	9	16 days	69.9	9
##	5033	Connecticut	61	38	7	16 days	87.6	23
##	5729	D.C.	92	7	3	16 days	94.0	85
##	6443	Delaware	62	37	3	16 days	91.0	25
##	6595	Florida	51	48	27	16 days	47.6	3
##	8309	Hawaii	72	27	4	16 days	95.4	45
##	9300	Iowa	54	44	7	16 days	74.0	10
##	10493	Illinois	62	37	21	16 days	94.2	25
##	11223	Indiana	50	49	11	16 days	-28.0	1
##	14284	Massachusetts	62	36	12	16 days	94.8	26
##	15043	Maryland	62	36	10	16 days	92.0	26
##	15718	Maine	58	40	4	16 days	85.8	18
##	16598	Michigan	57	41	17	16 days	87.0	16
##	17333	Minnesota	54	44	10	16 days	83.0	10
##	20027	North Carolina	50	49	15	16 days	13.9	1
##	22172	New Hampshire	54	45	4	16 days	77.6	9
##	22537	New Jersey	57	42	15	16 days	87.0	15
##	23630	New Mexico	57	42	5	16 days	75.8	15
##	24578	Nevada	55	43	5	16 days	53.0	12
##	24841	New York	63	36	31	16 days	94.2	27
##	25328	Ohio	51	47	20	16 days	37.0	4
##	27043	Oregon	57	40	7	16 days	86.8	17
##	28099	Pennsylvania	55	44	21	16 days	79.0	11
##	28826	Rhode Island	63	35	4	16 days	90.0	28
##	32889	Virginia	53	46	13	16 days	63.2	7
##	33482	Vermont	67	30	3	16 days	90.0	37
##	34466	Washington	58	40	11	16 days	90.6	18
##	34960	Wisconsin	56	42	10	16 days	84.0	14
##		Obamawin						
##	3492	1						
##	4180	1						


```

## 5033      1
## 5729      1
## 6443      1
## 6595      1
## 8309      1
## 9300      1
## 10493     1
## 11223     1
## 14284     1
## 15043     1
## 15718     1
## 16598     1
## 17333     1
## 20027     1
## 22172     1
## 22537     1
## 23630     1
## 24578     1
## 24841     1
## 25328     1
## 27043     1
## 28099     1
## 28826     1
## 32889     1
## 33482     1
## 34466     1
## 34960     1
##
## Running total is: 364
## I is: 2008-11-04
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3050    CA 2008-11-04    California  98.9     324    1.1     246
## 4267    CO 2008-11-04      Colorado  98.1     210    1.9     717
## 4752    CT 2008-11-04    Connecticut  96.5        3    3.5        0
## 5488    DC 2008-11-04 District of Columbia  98.0        0    2.0        0
## 6204    DE 2008-11-04      Delaware  97.1        0    2.9        0
## 7169    FL 2008-11-04      Florida  95.6    3503    4.4    3811
## 8396    HI 2008-11-04      Hawaii  97.7        0    2.3        0
## 9022    IA 2008-11-04        Iowa  99.1     373    0.9     214
## 10458   IL 2008-11-04      Illinois  98.7        0    1.3        0
## 11065   IN 2008-11-04      Indiana  94.9   17353    5.1   14885
## 14247   MA 2008-11-04    Massachusetts  98.3        0    1.7        0
## 15157   MD 2008-11-04      Maryland  98.0        1    2.0        0
## 15439   ME 2008-11-04        Maine  98.0     329    2.0     165
## 16385   MI 2008-11-04      Michigan  99.9        29    0.1        62
## 16789   MN 2008-11-04      Minnesota  98.9     283    1.1     297
## 20116   NC 2008-11-04    North Carolina  93.6    8517    6.4    5085
## 22260   NH 2008-11-04    New Hampshire  98.8     409    1.2     604
## 22747   NJ 2008-11-04      New Jersey  99.1        66    0.9         1
## 23597   NM 2008-11-04      New Mexico  98.5     497    1.5     274
## 24584   NV 2008-11-04      Nevada  98.5     604    1.5     467
## 25052   NY 2008-11-04      New York  99.0         3    1.0         0
## 25429   OH 2008-11-04      Ohio  98.5    2643    1.5    3467
## 27333   OR 2008-11-04      Oregon  99.2        0    0.8        54

```

##	28189	PA	2008-11-04	Pennsylvania	99.0	1356	1.0	2021
##	28916	RI	2008-11-04	Rhode Island	99.1	1	0.9	0
##	33099	VA	2008-11-04	Virginia	98.8	5450	1.2	9305
##	33572	VT	2008-11-04	Vermont	97.0	0	3.0	9
##	34677	WA	2008-11-04	Washington	98.0	0	2.0	9
##	34926	WI	2008-11-04	Wisconsin	99.0	295	1.0	59
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	3050	California	61	37	55	0 days	97.8	24
##	4267	Colorado	54	45	9	0 days	96.2	9
##	4752	Connecticut	61	38	7	0 days	93.0	23
##	5488	D.C.	92	7	3	0 days	96.0	85
##	6204	Delaware	62	37	3	0 days	94.2	25
##	7169	Florida	51	48	27	0 days	91.2	3
##	8396	Hawaii	72	27	4	0 days	95.4	45
##	9022	Iowa	54	44	7	0 days	98.2	10
##	10458	Illinois	62	37	21	0 days	97.4	25
##	11065	Indiana	50	49	11	0 days	89.8	1
##	14247	Massachusetts	62	36	12	0 days	96.6	26
##	15157	Maryland	62	36	10	0 days	96.0	26
##	15439	Maine	58	40	4	0 days	96.0	18
##	16385	Michigan	57	41	17	0 days	99.8	16
##	16789	Minnesota	54	44	10	0 days	97.8	10
##	20116	North Carolina	50	49	15	0 days	87.2	1
##	22260	New Hampshire	54	45	4	0 days	97.6	9
##	22747	New Jersey	57	42	15	0 days	98.2	15
##	23597	New Mexico	57	42	5	0 days	97.0	15
##	24584	Nevada	55	43	5	0 days	97.0	12
##	25052	New York	63	36	31	0 days	98.0	27
##	25429	Ohio	51	47	20	0 days	97.0	4
##	27333	Oregon	57	40	7	0 days	98.4	17
##	28189	Pennsylvania	55	44	21	0 days	98.0	11
##	28916	Rhode Island	63	35	4	0 days	98.2	28
##	33099	Virginia	53	46	13	0 days	97.6	7
##	33572	Vermont	67	30	3	0 days	94.0	37
##	34677	Washington	58	40	11	0 days	96.0	18
##	34926	Wisconsin	56	42	10	0 days	98.0	14
##		Obamawin						
##	3050	1						
##	4267	1						
##	4752	1						
##	5488	1						
##	6204	1						
##	7169	1						
##	8396	1						
##	9022	1						
##	10458	1						
##	11065	1						
##	14247	1						
##	15157	1						
##	15439	1						
##	16385	1						
##	16789	1						
##	20116	1						
##	22260	1						

```

## 22747      1
## 23597      1
## 24584      1
## 25052      1
## 25429      1
## 27333      1
## 28189      1
## 28916      1
## 33099      1
## 33572      1
## 34677      1
## 34926      1
##
## Running total is: 364
## I is: 2008-09-15
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3051    CA 2008-09-15    California  88.1      0   11.5      10
## 3699    CO 2008-09-15      Colorado  53.5      0   46.5      26
## 4509    CT 2008-09-15    Connecticut  88.5      0   11.5      0
## 5489    DC 2008-09-15 District of Columbia 97.0      0    3.0      0
## 5881    DE 2008-09-15      Delaware  95.0      0    5.0      0
## 6805    FL 2008-09-15      Florida  32.5     15   71.0      2
## 8154    HI 2008-09-15      Hawaii   97.7      0    2.3      0
## 8779    IA 2008-09-15      Iowa     72.8    365   28.3      1
## 10337   IL 2008-09-15      Illinois 96.4      0    3.6      0
## 10864   IN 2008-09-15      Indiana  20.0      0   79.9      7
## 14128   MA 2008-09-15    Massachusetts 97.0      0    3.0      0
## 14641   MD 2008-09-15      Maryland 91.8      0    8.2      0
## 15277   ME 2008-09-15      Maine    89.6      0   10.4      0
## 16265   MI 2008-09-15      Michigan 62.0      0   36.2      9
## 17236   MN 2008-09-15      Minnesota 69.8     40   32.6     80
## 19752   NC 2008-09-15    North Carolina 11.1      0   89.0      0
## 22017   NH 2008-09-15    New Hampshire 56.5     14   43.5      0
## 22866   NJ 2008-09-15      New Jersey 87.4      0   12.6      6
## 23475   NM 2008-09-15      New Mexico 57.9     42   42.1     47
## 24542   NV 2008-09-15      Nevada   41.5      0   58.5      2
## 24930   NY 2008-09-15      New York  94.7    168    8.9      5
## 25550   OH 2008-09-15      Ohio     39.5     18   62.0      3
## 27253   OR 2008-09-15      Oregon   83.0      5   16.8      0
## 27942   PA 2008-09-15    Pennsylvania 69.0      4   33.4    134
## 28467   RI 2008-09-15    Rhode Island 93.2      0    6.8      0
## 32976   VA 2008-09-15      Virginia 45.0     66   59.0    393
## 33695   VT 2008-09-15      Vermont  92.3      0    7.7      0
## 34676   WA 2008-09-15      Washington 82.8      0   16.1     82
## 35172   WI 2008-09-15      Wisconsin 72.4      4   27.6    120
##
##      state.name Obama McCain EV DaysToElection obama.intmarg obama.actmarg
## 3051    California    61    37 55      50 days      76.6      24
## 3699      Colorado    54    45 9      50 days       7.0      9
## 4509    Connecticut    61    38 7      50 days      77.0     23
## 5489         D.C.     92     7 3      50 days      94.0     85
## 5881      Delaware    62    37 3      50 days      90.0     25
## 6805      Florida    51    48 27      50 days     -38.5      3
## 8154      Hawaii     72    27 4      50 days     95.4     45
## 8779      Iowa       54    44 7      50 days     44.5     10

```

##	10337	Illinois	62	37	21	50 days	92.8	25
##	10864	Indiana	50	49	11	50 days	-59.9	1
##	14128	Massachusetts	62	36	12	50 days	94.0	26
##	14641	Maryland	62	36	10	50 days	83.6	26
##	15277	Maine	58	40	4	50 days	79.2	18
##	16265	Michigan	57	41	17	50 days	25.8	16
##	17236	Minnesota	54	44	10	50 days	37.2	10
##	19752	North Carolina	50	49	15	50 days	-77.9	1
##	22017	New Hampshire	54	45	4	50 days	13.0	9
##	22866	New Jersey	57	42	15	50 days	74.8	15
##	23475	New Mexico	57	42	5	50 days	15.8	15
##	24542	Nevada	55	43	5	50 days	-17.0	12
##	24930	New York	63	36	31	50 days	85.8	27
##	25550	Ohio	51	47	20	50 days	-22.5	4
##	27253	Oregon	57	40	7	50 days	66.2	17
##	27942	Pennsylvania	55	44	21	50 days	35.6	11
##	28467	Rhode Island	63	35	4	50 days	86.4	28
##	32976	Virginia	53	46	13	50 days	-14.0	7
##	33695	Vermont	67	30	3	50 days	84.6	37
##	34676	Washington	58	40	11	50 days	66.7	18
##	35172	Wisconsin	56	42	10	50 days	44.8	14
##		Obamawin						
##	3051	1						
##	3699	1						
##	4509	1						
##	5489	1						
##	5881	1						
##	6805	1						
##	8154	1						
##	8779	1						
##	10337	1						
##	10864	1						
##	14128	1						
##	14641	1						
##	15277	1						
##	16265	1						
##	17236	1						
##	19752	1						
##	22017	1						
##	22866	1						
##	23475	1						
##	24542	1						
##	24930	1						
##	25550	1						
##	27253	1						
##	27942	1						
##	28467	1						
##	32976	1						
##	33695	1						
##	34676	1						
##	35172	1						
##								
##	Running total is: 364							
##	I is: 2008-10-12							

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR
## 3539	CA	2008-10-12	California	95.8	0	5.0	0
## 3944	CO	2008-10-12	Colorado	74.8	88	26.0	6
## 4998	CT	2008-10-12	Connecticut	93.8	0	3.0	4
## 5736	DC	2008-10-12	District of Columbia	97.0	0	3.0	0
## 6369	DE	2008-10-12	Delaware	95.5	0	4.5	0
## 7089	FL	2008-10-12	Florida	65.0	10	32.9	114
## 7992	HI	2008-10-12	Hawaii	97.7	0	2.3	0
## 9267	IA	2008-10-12	Iowa	88.5	35	11.5	12
## 10703	IL	2008-10-12	Illinois	96.6	0	3.4	0
## 11230	IN	2008-10-12	Indiana	47.0	41	56.0	33
## 13927	MA	2008-10-12	Massachusetts	98.3	0	1.7	0
## 15008	MD	2008-10-12	Maryland	94.3	0	5.7	0
## 15361	ME	2008-10-12	Maine	91.3	0	8.7	1
## 16428	MI	2008-10-12	Michigan	93.0	4	7.5	4
## 17197	MN	2008-10-12	Minnesota	85.0	0	15.0	0
## 19671	NC	2008-10-12	North Carolina	55.1	205	45.0	23
## 22057	NH	2008-10-12	New Hampshire	80.0	17	25.7	1
## 22543	NJ	2008-10-12	New Jersey	92.5	0	7.5	0
## 23273	NM	2008-10-12	New Mexico	81.7	0	20.8	0
## 24463	NV	2008-10-12	Nevada	71.2	0	33.9	0
## 24674	NY	2008-10-12	New York	96.5	0	3.5	0
## 25361	OH	2008-10-12	Ohio	70.0	22	30.0	0
## 27294	OR	2008-10-12	Oregon	92.8	1	7.0	0
## 28024	PA	2008-10-12	Pennsylvania	85.0	20	15.0	0
## 28751	RI	2008-10-12	Rhode Island	95.0	0	5.0	0
## 32898	VA	2008-10-12	Virginia	70.0	107	32.0	44
## 33532	VT	2008-10-12	Vermont	95.0	0	5.0	0
## 34597	WA	2008-10-12	Washington	93.1	0	5.9	0
## 35402	WI	2008-10-12	Wisconsin	87.0	0	11.0	0
##	state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
## 3539	California	61	37	55	23 days	90.8	24
## 3944	Colorado	54	45	9	23 days	48.8	9
## 4998	Connecticut	61	38	7	23 days	90.8	23
## 5736	D.C.	92	7	3	23 days	94.0	85
## 6369	Delaware	62	37	3	23 days	91.0	25
## 7089	Florida	51	48	27	23 days	32.1	3
## 7992	Hawaii	72	27	4	23 days	95.4	45
## 9267	Iowa	54	44	7	23 days	77.0	10
## 10703	Illinois	62	37	21	23 days	93.2	25
## 11230	Indiana	50	49	11	23 days	-9.0	1
## 13927	Massachusetts	62	36	12	23 days	96.6	26
## 15008	Maryland	62	36	10	23 days	88.6	26
## 15361	Maine	58	40	4	23 days	82.6	18
## 16428	Michigan	57	41	17	23 days	85.5	16
## 17197	Minnesota	54	44	10	23 days	70.0	10
## 19671	North Carolina	50	49	15	23 days	10.1	1
## 22057	New Hampshire	54	45	4	23 days	54.3	9
## 22543	New Jersey	57	42	15	23 days	85.0	15
## 23273	New Mexico	57	42	5	23 days	60.9	15
## 24463	Nevada	55	43	5	23 days	37.3	12
## 24674	New York	63	36	31	23 days	93.0	27
## 25361	Ohio	51	47	20	23 days	40.0	4
## 27294	Oregon	57	40	7	23 days	85.8	17

```

## 28024    Pennsylvania    55    44 21    23 days    70.0    11
## 28751    Rhode Island    63    35 4    23 days    90.0    28
## 32898        Virginia    53    46 13    23 days    38.0     7
## 33532        Vermont    67    30 3    23 days    90.0    37
## 34597    Washington    58    40 11    23 days    87.2    18
## 35402    Wisconsin    56    42 10    23 days    76.0    14
##      Obamawin
## 3539      1
## 3944      1
## 4998      1
## 5736      1
## 6369      1
## 7089      1
## 7992      1
## 9267      1
## 10703     1
## 11230     1
## 13927     1
## 15008     1
## 15361     1
## 16428     1
## 17197     1
## 19671     1
## 22057     1
## 22543     1
## 23273     1
## 24463     1
## 24674     1
## 25361     1
## 27294     1
## 28024     1
## 28751     1
## 32898     1
## 33532     1
## 34597     1
## 35402     1
##
## Running total is: 364
## I is: 2008-08-27
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3053    CA 2008-08-27    California    90.0      0    13.0      20
## 3783    CO 2008-08-27      Colorado    60.0      0    40.0       1
## 4512    CT 2008-08-27    Connecticut    86.5      0    13.5       0
## 5248    DC 2008-08-27 District of Columbia    96.3      0     3.7       0
## 6208    DE 2008-08-27      Delaware    95.5      0     4.5       0
## 6930    FL 2008-08-27      Florida    34.7     50    65.3     50
## 8317    HI 2008-08-27      Hawaii    96.5      0     3.5       0
## 8905    IA 2008-08-27      Iowa     70.1     16    28.0     58
## 10584   IL 2008-08-27      Illinois    95.5      0     4.5       0
## 11393   IN 2008-08-27      Indiana    23.0      0    77.0       0
## 14130   MA 2008-08-27    Massachusetts    93.0      0     7.5     20
## 14847   MD 2008-08-27      Maryland    89.8      0    10.2       0
## 15320   ME 2008-08-27      Maine     81.4     20    14.0       2
## 16308   MI 2008-08-27      Michigan    60.1      0    39.9       0

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##	17158	MN	2008-08-27	Minnesota	75.0	22	30.0	150
##	19568	NC	2008-08-27	North Carolina	27.5	0	72.5	0
##	21899	NH	2008-08-27	New Hampshire	59.0	0	41.0	0
##	22503	NJ	2008-08-27	New Jersey	89.5	0	15.0	40
##	23274	NM	2008-08-27	New Mexico	60.0	56	36.0	37
##	24422	NV	2008-08-27	Nevada	45.0	25	55.0	25
##	24622	NY	2008-08-27	New York	91.3	0	8.7	0
##	25388	OH	2008-08-27	Ohio	54.5	0	52.0	54
##	26794	OR	2008-08-27	Oregon	90.4	0	9.6	0
##	27525	PA	2008-08-27	Pennsylvania	70.0	116	30.0	174
##	28281	RI	2008-08-27	Rhode Island	90.0	0	10.0	0
##	32737	VA	2008-08-27	Virginia	51.0	0	55.0	51
##	33454	VT	2008-08-27	Vermont	91.0	0	9.0	0
##	34639	WA	2008-08-27	Washington	90.5	0	12.0	10
##	35052	WI	2008-08-27	Wisconsin	75.0	20	30.0	83
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	3053	California	61	37	55	69 days	77.0	24
##	3783	Colorado	54	45	9	69 days	20.0	9
##	4512	Connecticut	61	38	7	69 days	73.0	23
##	5248	D.C.	92	7	3	69 days	92.6	85
##	6208	Delaware	62	37	3	69 days	91.0	25
##	6930	Florida	51	48	27	69 days	-30.6	3
##	8317	Hawaii	72	27	4	69 days	93.0	45
##	8905	Iowa	54	44	7	69 days	42.1	10
##	10584	Illinois	62	37	21	69 days	91.0	25
##	11393	Indiana	50	49	11	69 days	-54.0	1
##	14130	Massachusetts	62	36	12	69 days	85.5	26
##	14847	Maryland	62	36	10	69 days	79.6	26
##	15320	Maine	58	40	4	69 days	67.4	18
##	16308	Michigan	57	41	17	69 days	20.2	16
##	17158	Minnesota	54	44	10	69 days	45.0	10
##	19568	North Carolina	50	49	15	69 days	-45.0	1
##	21899	New Hampshire	54	45	4	69 days	18.0	9
##	22503	New Jersey	57	42	15	69 days	74.5	15
##	23274	New Mexico	57	42	5	69 days	24.0	15
##	24422	Nevada	55	43	5	69 days	-10.0	12
##	24622	New York	63	36	31	69 days	82.6	27
##	25388	Ohio	51	47	20	69 days	2.5	4
##	26794	Oregon	57	40	7	69 days	80.8	17
##	27525	Pennsylvania	55	44	21	69 days	40.0	11
##	28281	Rhode Island	63	35	4	69 days	80.0	28
##	32737	Virginia	53	46	13	69 days	-4.0	7
##	33454	Vermont	67	30	3	69 days	82.0	37
##	34639	Washington	58	40	11	69 days	78.5	18
##	35052	Wisconsin	56	42	10	69 days	45.0	14
##		Obamawin						
##	3053	1						
##	3783	1						
##	4512	1						
##	5248	1						
##	6208	1						
##	6930	1						
##	8317	1						
##	8905	1						

```

## 10584      1
## 11393      1
## 14130      1
## 14847      1
## 15320      1
## 16308      1
## 17158      1
## 19568      1
## 21899      1
## 22503      1
## 23274      1
## 24422      1
## 24622      1
## 25388      1
## 26794      1
## 27525      1
## 28281      1
## 32737      1
## 33454      1
## 34639      1
## 35052      1
##
## Running total is: 364
## I is: 2008-10-20
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3503    CA 2008-10-20    California  96.0      0    4.0      0
## 4191    CO 2008-10-20      Colorado  83.5     63   15.1     144
## 5004    CT 2008-10-20    Connecticut  93.8      0    6.2      0
## 5700    DC 2008-10-20 District of Columbia  97.0      0    3.0      0
## 6481    DE 2008-10-20      Delaware  95.5      0    4.5      0
## 6525    FL 2008-10-20      Florida  68.1    415   33.0     158
## 8360    HI 2008-10-20      Hawaii  97.7      0    2.3      0
## 9311    IA 2008-10-20      Iowa  87.0      0   13.0      0
## 10544   IL 2008-10-20     Illinois  97.1      0    2.9      0
## 11274   IN 2008-10-20      Indiana  30.0    191   67.0     159
## 14255   MA 2008-10-20    Massachusetts  97.4      0    2.6      0
## 15094   MD 2008-10-20      Maryland  96.0      0    4.0      0
## 15769   ME 2008-10-20      Maine  92.9      0    7.1      0
## 16515   MI 2008-10-20     Michigan  93.5      0    6.5      0
## 17325   MN 2008-10-20     Minnesota  92.5    106    8.0      25
## 19957   NC 2008-10-20    North Carolina  59.8    224   40.0     371
## 22102   NH 2008-10-20    New Hampshire  89.3     93   11.2      23
## 22588   NJ 2008-10-20     New Jersey  93.5      0    6.0      2
## 23560   NM 2008-10-20     New Mexico  87.9      0   12.1      0
## 24564   NV 2008-10-20      Nevada  77.0     35   25.5      78
## 24771   NY 2008-10-20     New York  97.1      0    2.9      0
## 25335   OH 2008-10-20      Ohio  62.5     22   36.4     147
## 26973   OR 2008-10-20      Oregon  93.4      5    6.6      0
## 28110   PA 2008-10-20    Pennsylvania  88.0     39   10.5      0
## 28877   RI 2008-10-20    Rhode Island  95.0      0    5.0      0
## 32940   VA 2008-10-20      Virginia  80.0     65   15.6      88
## 33533   VT 2008-10-20      Vermont  95.0      0    5.0      0
## 34517   WA 2008-10-20     Washington  95.3      0    4.7      0
## 35011   WI 2008-10-20     Wisconsin  93.5      5    8.0      0

```


##	state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
## 3503	California	61	37	55	15 days	92.0	24
## 4191	Colorado	54	45	9	15 days	68.4	9
## 5004	Connecticut	61	38	7	15 days	87.6	23
## 5700	D.C.	92	7	3	15 days	94.0	85
## 6481	Delaware	62	37	3	15 days	91.0	25
## 6525	Florida	51	48	27	15 days	35.1	3
## 8360	Hawaii	72	27	4	15 days	95.4	45
## 9311	Iowa	54	44	7	15 days	74.0	10
## 10544	Illinois	62	37	21	15 days	94.2	25
## 11274	Indiana	50	49	11	15 days	-37.0	1
## 14255	Massachusetts	62	36	12	15 days	94.8	26
## 15094	Maryland	62	36	10	15 days	92.0	26
## 15769	Maine	58	40	4	15 days	85.8	18
## 16515	Michigan	57	41	17	15 days	87.0	16
## 17325	Minnesota	54	44	10	15 days	84.5	10
## 19957	North Carolina	50	49	15	15 days	19.8	1
## 22102	New Hampshire	54	45	4	15 days	78.1	9
## 22588	New Jersey	57	42	15	15 days	87.5	15
## 23560	New Mexico	57	42	5	15 days	75.8	15
## 24564	Nevada	55	43	5	15 days	51.5	12
## 24771	New York	63	36	31	15 days	94.2	27
## 25335	Ohio	51	47	20	15 days	26.1	4
## 26973	Oregon	57	40	7	15 days	86.8	17
## 28110	Pennsylvania	55	44	21	15 days	77.5	11
## 28877	Rhode Island	63	35	4	15 days	90.0	28
## 32940	Virginia	53	46	13	15 days	64.4	7
## 33533	Vermont	67	30	3	15 days	90.0	37
## 34517	Washington	58	40	11	15 days	90.6	18
## 35011	Wisconsin	56	42	10	15 days	85.5	14
##	Obamawin						
## 3503	1						
## 4191	1						
## 5004	1						
## 5700	1						
## 6481	1						
## 6525	1						
## 8360	1						
## 9311	1						
## 10544	1						
## 11274	1						
## 14255	1						
## 15094	1						
## 15769	1						
## 16515	1						
## 17325	1						
## 19957	1						
## 22102	1						
## 22588	1						
## 23560	1						
## 24564	1						
## 24771	1						
## 25335	1						
## 26973	1						

```

## 28110      1
## 28877      1
## 32940      1
## 33533      1
## 34517      1
## 35011      1
##
## Running total is: 364
## I is: 2008-08-12
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3019      CA 2008-08-12      California 88.5      14 11.5      0
## 3991      CO 2008-08-12      Colorado 64.9      1 35.1      0
## 4802      CT 2008-08-12      Connecticut 84.8      0 15.2      0
## 5774      DC 2008-08-12 District of Columbia 96.3      0 3.7      0
## 6294      DE 2008-08-12      Delaware 88.0      0 12.0      0
## 6568      FL 2008-08-12      Florida 37.1      0 62.9      0
## 8239      HI 2008-08-12      Hawaii 95.2      0 4.8      0
## 8989      IA 2008-08-12      Iowa 73.0      2 27.0      0
## 10304     IL 2008-08-12      Illinois 95.5      0 4.5      0
## 10950     IN 2008-08-12      Indiana 34.3      0 65.7      0
## 13972     MA 2008-08-12      Massachusetts 92.5      0 7.5      0
## 14808     MD 2008-08-12      Maryland 90.5      0 9.5      0
## 15523     ME 2008-08-12      Maine 82.8      0 17.2      0
## 16188     MI 2008-08-12      Michigan 70.0      0 30.0      30
## 16877     MN 2008-08-12      Minnesota 83.0      31 17.0      0
## 19594     NC 2008-08-12      North Carolina 30.0      0 70.0      0
## 21983     NH 2008-08-12      New Hampshire 60.5      0 39.5      0
## 22507     NJ 2008-08-12      New Jersey 88.0      0 12.0      0
## 23172     NM 2008-08-12      New Mexico 72.5      0 27.5      0
## 24263     NV 2008-08-12      Nevada 51.5      0 48.5      0
## 24773     NY 2008-08-12      New York 92.0      0 8.0      0
## 25324     OH 2008-08-12      Ohio 60.5      0 39.5      0
## 27217     OR 2008-08-12      Oregon 86.6      0 13.4      15
## 27827     PA 2008-08-12      Pennsylvania 74.1      0 25.9      0
## 28435     RI 2008-08-12      Rhode Island 90.0      0 10.0      0
## 32821     VA 2008-08-12      Virginia 54.0      0 46.0      0
## 33538     VT 2008-08-12      Vermont 90.7      0 9.3      0
## 34399     WA 2008-08-12      Washington 90.3      0 9.7      0
## 35137     WI 2008-08-12      Wisconsin 77.5      0 22.5      0
##
##      state.name Obama McCain EV DaysToElection obama.intmarg obama.actmarg
## 3019      California 61      37 55      84 days      77.0      24
## 3991      Colorado 54      45 9      84 days      29.8      9
## 4802      Connecticut 61      38 7      84 days      69.6      23
## 5774      D.C. 92      7 3      84 days      92.6      85
## 6294      Delaware 62      37 3      84 days      76.0      25
## 6568      Florida 51      48 27      84 days      -25.8      3
## 8239      Hawaii 72      27 4      84 days      90.4      45
## 8989      Iowa 54      44 7      84 days      46.0      10
## 10304     Illinois 62      37 21      84 days      91.0      25
## 10950     Indiana 50      49 11      84 days      -31.4      1
## 13972     Massachusetts 62      36 12      84 days      85.0      26
## 14808     Maryland 62      36 10      84 days      81.0      26
## 15523     Maine 58      40 4      84 days      65.6      18
## 16188     Michigan 57      41 17      84 days      40.0      16

```

##	16877	Minnesota	54	44	10	84 days	66.0	10
##	19594	North Carolina	50	49	15	84 days	-40.0	1
##	21983	New Hampshire	54	45	4	84 days	21.0	9
##	22507	New Jersey	57	42	15	84 days	76.0	15
##	23172	New Mexico	57	42	5	84 days	45.0	15
##	24263	Nevada	55	43	5	84 days	3.0	12
##	24773	New York	63	36	31	84 days	84.0	27
##	25324	Ohio	51	47	20	84 days	21.0	4
##	27217	Oregon	57	40	7	84 days	73.2	17
##	27827	Pennsylvania	55	44	21	84 days	48.2	11
##	28435	Rhode Island	63	35	4	84 days	80.0	28
##	32821	Virginia	53	46	13	84 days	8.0	7
##	33538	Vermont	67	30	3	84 days	81.4	37
##	34399	Washington	58	40	11	84 days	80.6	18
##	35137	Wisconsin	56	42	10	84 days	55.0	14

Obamawin

##	3019	1
##	3991	1
##	4802	1
##	5774	1
##	6294	1
##	6568	1
##	8239	1
##	8989	1
##	10304	1
##	10950	1
##	13972	1
##	14808	1
##	15523	1
##	16188	1
##	16877	1
##	19594	1
##	21983	1
##	22507	1
##	23172	1
##	24263	1
##	24773	1
##	25324	1
##	27217	1
##	27827	1
##	28435	1
##	32821	1
##	33538	1
##	34399	1
##	35137	1

##

Running total is: 364

I is: 2008-09-16

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR
##	3102	CA 2008-09-16	California	88.1	21	11.5	0
##	3709	CO 2008-09-16	Colorado	54.9	21	47.8	93
##	4518	CT 2008-09-16	Connecticut	86.5	15	11.5	0
##	5418	DC 2008-09-16	District of Columbia	97.0	0	3.0	0
##	5891	DE 2008-09-16	Delaware	95.0	3	6.0	3

##	7220	FL	2008-09-16	Florida	30.0	4	71.0	1
##	8205	HI	2008-09-16	Hawaii	97.7	0	2.3	0
##	8830	IA	2008-09-16	Iowa	72.9	106	29.0	251
##	10388	IL	2008-09-16	Illinois	96.4	0	3.6	0
##	10915	IN	2008-09-16	Indiana	22.0	5	77.0	5
##	13936	MA	2008-09-16	Massachusetts	97.0	0	3.0	0
##	14611	MD	2008-09-16	Maryland	91.8	0	8.2	10
##	15288	ME	2008-09-16	Maine	89.6	0	10.4	0
##	16316	MI	2008-09-16	Michigan	65.0	21	35.0	31
##	17084	MN	2008-09-16	Minnesota	68.5	38	34.7	117
##	19538	NC	2008-09-16	North Carolina	17.5	10	84.5	4
##	22068	NH	2008-09-16	New Hampshire	56.5	0	43.5	8
##	22593	NJ	2008-09-16	New Jersey	85.0	0	19.0	26
##	23202	NM	2008-09-16	New Mexico	59.5	0	39.9	1
##	24227	NV	2008-09-16	Nevada	45.0	21	59.8	11
##	24981	NY	2008-09-16	New York	86.9	63	12.0	15
##	25398	OH	2008-09-16	Ohio	40.0	108	60.9	240
##	27304	OR	2008-09-16	Oregon	82.4	13	20.0	107
##	27790	PA	2008-09-16	Pennsylvania	66.0	106	34.0	298
##	28396	RI	2008-09-16	Rhode Island	93.2	0	6.8	0
##	33027	VA	2008-09-16	Virginia	44.9	79	57.0	21
##	33746	VT	2008-09-16	Vermont	92.3	0	7.7	0
##	34722	WA	2008-09-16	Washington	82.8	10	18.0	11
##	35101	WI	2008-09-16	Wisconsin	76.0	160	29.0	24
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	3102	California	61	37	55	49 days	76.6	24
##	3709	Colorado	54	45	9	49 days	7.1	9
##	4518	Connecticut	61	38	7	49 days	75.0	23
##	5418	D.C.	92	7	3	49 days	94.0	85
##	5891	Delaware	62	37	3	49 days	89.0	25
##	7220	Florida	51	48	27	49 days	-41.0	3
##	8205	Hawaii	72	27	4	49 days	95.4	45
##	8830	Iowa	54	44	7	49 days	43.9	10
##	10388	Illinois	62	37	21	49 days	92.8	25
##	10915	Indiana	50	49	11	49 days	-55.0	1
##	13936	Massachusetts	62	36	12	49 days	94.0	26
##	14611	Maryland	62	36	10	49 days	83.6	26
##	15288	Maine	58	40	4	49 days	79.2	18
##	16316	Michigan	57	41	17	49 days	30.0	16
##	17084	Minnesota	54	44	10	49 days	33.8	10
##	19538	North Carolina	50	49	15	49 days	-67.0	1
##	22068	New Hampshire	54	45	4	49 days	13.0	9
##	22593	New Jersey	57	42	15	49 days	66.0	15
##	23202	New Mexico	57	42	5	49 days	19.6	15
##	24227	Nevada	55	43	5	49 days	-14.8	12
##	24981	New York	63	36	31	49 days	74.9	27
##	25398	Ohio	51	47	20	49 days	-20.9	4
##	27304	Oregon	57	40	7	49 days	62.4	17
##	27790	Pennsylvania	55	44	21	49 days	32.0	11
##	28396	Rhode Island	63	35	4	49 days	86.4	28
##	33027	Virginia	53	46	13	49 days	-12.1	7
##	33746	Vermont	67	30	3	49 days	84.6	37
##	34722	Washington	58	40	11	49 days	64.8	18
##	35101	Wisconsin	56	42	10	49 days	47.0	14

Obamawin

3102 1
3709 1
4518 1
5418 1
5891 1
7220 1
8205 1
8830 1
10388 1
10915 1
13936 1
14611 1
15288 1
16316 1
17084 1
19538 1
22068 1
22593 1
23202 1
24227 1
24981 1
25398 1
27304 1
27790 1
28396 1
33027 1
33746 1
34722 1
35101 1

##

Running total is: 364

I is: 2008-09-20

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR
## 3185	CA	2008-09-20	California	89.2	0	10.8	10
## 3670	CO	2008-09-20	Colorado	56.0	7	44.0	75
## 4372	CT	2008-09-20	Connecticut	88.5	0	11.5	0
## 5380	DC	2008-09-20	District of Columbia	97.0	0	3.0	0
## 5825	DE	2008-09-20	Delaware	93.0	0	7.0	0
## 7060	FL	2008-09-20	Florida	38.1	28	61.9	1
## 8288	HI	2008-09-20	Hawaii	97.7	0	2.3	0
## 8913	IA	2008-09-20	Iowa	75.0	5	25.0	6
## 10471	IL	2008-09-20	Illinois	96.4	0	3.6	0
## 10958	IN	2008-09-20	Indiana	29.0	6	71.0	1
## 14019	MA	2008-09-20	Massachusetts	94.5	0	5.5	0
## 14654	MD	2008-09-20	Maryland	92.5	0	7.5	0
## 15331	ME	2008-09-20	Maine	91.5	9	8.5	0
## 16399	MI	2008-09-20	Michigan	64.8	124	35.2	341
## 17167	MN	2008-09-20	Minnesota	71.5	0	28.5	5
## 19562	NC	2008-09-20	North Carolina	27.4	82	72.6	2
## 22151	NH	2008-09-20	New Hampshire	59.8	5	40.2	2
## 22636	NJ	2008-09-20	New Jersey	86.0	3	14.0	0
## 23366	NM	2008-09-20	New Mexico	67.0	3	33.0	42
## 24189	NV	2008-09-20	Nevada	51.4	1	48.6	13

##	25185	NY	2008-09-20	New York	91.1	0	8.9	0
##	25562	OH	2008-09-20	Ohio	49.0	39	51.0	1
##	27387	OR	2008-09-20	Oregon	82.9	2	17.1	2
##	27752	PA	2008-09-20	Pennsylvania	67.0	1	33.0	10
##	28277	RI	2008-09-20	Rhode Island	95.0	0	5.0	0
##	33191	VA	2008-09-20	Virginia	48.0	144	52.0	163
##	33910	VT	2008-09-20	Vermont	91.5	0	8.5	0
##	34689	WA	2008-09-20	Washington	83.5	0	16.5	0
##	35265	WI	2008-09-20	Wisconsin	72.8	7	27.2	7
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	3185	California	61	37	55	45 days	78.4	24
##	3670	Colorado	54	45	9	45 days	12.0	9
##	4372	Connecticut	61	38	7	45 days	77.0	23
##	5380	D.C.	92	7	3	45 days	94.0	85
##	5825	Delaware	62	37	3	45 days	86.0	25
##	7060	Florida	51	48	27	45 days	-23.8	3
##	8288	Hawaii	72	27	4	45 days	95.4	45
##	8913	Iowa	54	44	7	45 days	50.0	10
##	10471	Illinois	62	37	21	45 days	92.8	25
##	10958	Indiana	50	49	11	45 days	-42.0	1
##	14019	Massachusetts	62	36	12	45 days	89.0	26
##	14654	Maryland	62	36	10	45 days	85.0	26
##	15331	Maine	58	40	4	45 days	83.0	18
##	16399	Michigan	57	41	17	45 days	29.6	16
##	17167	Minnesota	54	44	10	45 days	43.0	10
##	19562	North Carolina	50	49	15	45 days	-45.2	1
##	22151	New Hampshire	54	45	4	45 days	19.6	9
##	22636	New Jersey	57	42	15	45 days	72.0	15
##	23366	New Mexico	57	42	5	45 days	34.0	15
##	24189	Nevada	55	43	5	45 days	2.8	12
##	25185	New York	63	36	31	45 days	82.2	27
##	25562	Ohio	51	47	20	45 days	-2.0	4
##	27387	Oregon	57	40	7	45 days	65.8	17
##	27752	Pennsylvania	55	44	21	45 days	34.0	11
##	28277	Rhode Island	63	35	4	45 days	90.0	28
##	33191	Virginia	53	46	13	45 days	-4.0	7
##	33910	Vermont	67	30	3	45 days	83.0	37
##	34689	Washington	58	40	11	45 days	67.0	18
##	35265	Wisconsin	56	42	10	45 days	45.6	14
##		Obamawin						
##	3185	1						
##	3670	1						
##	4372	1						
##	5380	1						
##	5825	1						
##	7060	1						
##	8288	1						
##	8913	1						
##	10471	1						
##	10958	1						
##	14019	1						
##	14654	1						
##	15331	1						
##	16399	1						

```

## 17167      1
## 19562      1
## 22151      1
## 22636      1
## 23366      1
## 24189      1
## 25185      1
## 25562      1
## 27387      1
## 27752      1
## 28277      1
## 33191      1
## 33910      1
## 34689      1
## 35265      1
##
## Running total is: 364
## I is: 2008-08-28
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3104    CA 2008-08-28    California   90.0         0   10.0         10
## 3834    CO 2008-08-28     Colorado   60.0         5   42.0        209
## 4563    CT 2008-08-28   Connecticut   86.5        56   13.5         0
## 5299    DC 2008-08-28 District of Columbia 96.3         0    3.7         0
## 6259    DE 2008-08-28     Delaware   95.5         0    4.5         0
## 6981    FL 2008-08-28     Florida   34.7        59   65.3         62
## 8328    HI 2008-08-28     Hawaii   96.5         0    3.5         0
## 8956    IA 2008-08-28      Iowa   70.1        30   28.0         30
## 10635   IL 2008-08-28    Illinois   95.5         0    4.5         0
## 11444   IN 2008-08-28     Indiana   23.0         5   77.0         10
## 14181   MA 2008-08-28   Massachusetts 93.0         0   10.0         31
## 14898   MD 2008-08-28     Maryland   89.8         0   10.2         0
## 15371   ME 2008-08-28      Maine   81.4        51   14.0         0
## 16359   MI 2008-08-28    Michigan   60.1        41   40.0         67
## 17209   MN 2008-08-28    Minnesota   75.0        34   30.0        214
## 19602   NC 2008-08-28   North Carolina 27.5        25   72.5         10
## 21950   NH 2008-08-28   New Hampshire 59.0        45   41.0         27
## 22487   NJ 2008-08-28    New Jersey   89.5         0   15.0         0
## 23285   NM 2008-08-28    New Mexico   60.0        50   30.6        247
## 24352   NV 2008-08-28     Nevada   45.0        25   61.9         26
## 24634   NY 2008-08-28    New York   91.3         0    8.7         0
## 25399   OH 2008-08-28     Ohio   54.5        76   52.0         45
## 26832   OR 2008-08-28     Oregon   90.4         0    9.6         0
## 27550   PA 2008-08-28   Pennsylvania 70.0        10   28.1        259
## 28238   RI 2008-08-28   Rhode Island 90.0         0   10.0         0
## 32788   VA 2008-08-28     Virginia   51.0         7   55.0         22
## 33505   VT 2008-08-28     Vermont   91.0         0    9.0         0
## 34609   WA 2008-08-28    Washington 90.5         0   12.0         0
## 34982   WI 2008-08-28    Wisconsin 75.0       165   25.0         90
##
##      state.name Obama McCain EV DaysToElection obama.intmarg obama.actmarg
## 3104    California    61    37 55         68 days         80.0         24
## 3834     Colorado    54    45  9         68 days         18.0          9
## 4563   Connecticut    61    38  7         68 days         73.0         23
## 5299         D.C.    92     7  3         68 days         92.6         85
## 6259     Delaware    62    37  3         68 days         91.0         25

```

## 6981	Florida	51	48 27	68 days	-30.6	3
## 8328	Hawaii	72	27 4	68 days	93.0	45
## 8956	Iowa	54	44 7	68 days	42.1	10
## 10635	Illinois	62	37 21	68 days	91.0	25
## 11444	Indiana	50	49 11	68 days	-54.0	1
## 14181	Massachusetts	62	36 12	68 days	83.0	26
## 14898	Maryland	62	36 10	68 days	79.6	26
## 15371	Maine	58	40 4	68 days	67.4	18
## 16359	Michigan	57	41 17	68 days	20.1	16
## 17209	Minnesota	54	44 10	68 days	45.0	10
## 19602	North Carolina	50	49 15	68 days	-45.0	1
## 21950	New Hampshire	54	45 4	68 days	18.0	9
## 22487	New Jersey	57	42 15	68 days	74.5	15
## 23285	New Mexico	57	42 5	68 days	29.4	15
## 24352	Nevada	55	43 5	68 days	-16.9	12
## 24634	New York	63	36 31	68 days	82.6	27
## 25399	Ohio	51	47 20	68 days	2.5	4
## 26832	Oregon	57	40 7	68 days	80.8	17
## 27550	Pennsylvania	55	44 21	68 days	41.9	11
## 28238	Rhode Island	63	35 4	68 days	80.0	28
## 32788	Virginia	53	46 13	68 days	-4.0	7
## 33505	Vermont	67	30 3	68 days	82.0	37
## 34609	Washington	58	40 11	68 days	78.5	18
## 34982	Wisconsin	56	42 10	68 days	50.0	14
##	Obamawin					
## 3104	1					
## 3834	1					
## 4563	1					
## 5299	1					
## 6259	1					
## 6981	1					
## 8328	1					
## 8956	1					
## 10635	1					
## 11444	1					
## 14181	1					
## 14898	1					
## 15371	1					
## 16359	1					
## 17209	1					
## 19602	1					
## 21950	1					
## 22487	1					
## 23285	1					
## 24352	1					
## 24634	1					
## 25399	1					
## 26832	1					
## 27550	1					
## 28238	1					
## 32788	1					
## 33505	1					
## 34609	1					
## 34982	1					


```

##
## Running total is: 364
## I is: 2008-10-17
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3470    CA 2008-10-17    California  94.6      0    5.0      1
## 4078    CO 2008-10-17    Colorado   87.0     49   17.0     94
## 5011    CT 2008-10-17    Connecticut 93.8      0    6.2      0
## 5667    DC 2008-10-17 District of Columbia 97.0      0    3.0      0
## 6381    DE 2008-10-17    Delaware   95.5      0    4.5      0
## 6533    FL 2008-10-17    Florida   74.5    229   30.0    309
## 8207    HI 2008-10-17    Hawaii     97.7      0    2.3      0
## 9198    IA 2008-10-17    Iowa      90.5      5    7.1     15
## 10391   IL 2008-10-17    Illinois  97.1      0    2.9      0
## 11121   IN 2008-10-17    Indiana  39.9    169   64.5    238
## 14182   MA 2008-10-17    Massachusetts 98.3      0    1.7      0
## 15062   MD 2008-10-17    Maryland  94.3      0    5.7      0
## 15616   ME 2008-10-17    Maine     91.0      0    9.0      0
## 16562   MI 2008-10-17    Michigan  93.5      0    5.6      0
## 17319   MN 2008-10-17    Minnesota 91.0      0    9.0     12
## 19925   NC 2008-10-17    North Carolina 55.2    177   44.8     96
## 22070   NH 2008-10-17    New Hampshire 90.5     10   11.2      0
## 22515   NJ 2008-10-17    New Jersey  94.9      5    6.0      0
## 23528   NM 2008-10-17    New Mexico  86.6      0   15.0      0
## 24598   NV 2008-10-17    Nevada     76.0      8   25.0      0
## 24739   NY 2008-10-17    New York   97.1      5    2.9      0
## 25369   OH 2008-10-17    Ohio       70.5    111   33.0     97
## 26941   OR 2008-10-17    Oregon     93.3     14    6.0      1
## 28037   PA 2008-10-17    Pennsylvania 91.0     95   10.9     50
## 28832   RI 2008-10-17    Rhode Island 95.0      0    5.0      0
## 32908   VA 2008-10-17    Virginia   83.2    245   18.7    156
## 33380   VT 2008-10-17    Vermont    95.0      0    5.0      0
## 34485   WA 2008-10-17    Washington 91.0      0    5.0      0
## 34858   WI 2008-10-17    Wisconsin  91.0     60    8.0     18
##      state.name Obama McCain EV DaysToElection obama.intmarg obama.actmarg
## 3470    California    61    37 55      18 days      89.6      24
## 4078    Colorado     54    45 9   18 days      70.0      9
## 5011    Connecticut   61    38 7   18 days      87.6     23
## 5667      D.C.       92     7 3   18 days      94.0     85
## 6381    Delaware     62    37 3   18 days      91.0     25
## 6533    Florida      51    48 27  18 days      44.5      3
## 8207    Hawaii       72    27 4   18 days      95.4     45
## 9198    Iowa        54    44 7   18 days      83.4     10
## 10391   Illinois     62    37 21  18 days      94.2     25
## 11121   Indiana      50    49 11  18 days     -24.6      1
## 14182   Massachusetts 62    36 12  18 days      96.6     26
## 15062   Maryland     62    36 10  18 days      88.6     26
## 15616   Maine       58    40 4   18 days      82.0     18
## 16562   Michigan     57    41 17  18 days      87.9     16
## 17319   Minnesota    54    44 10  18 days      82.0     10
## 19925   North Carolina 50    49 15  18 days      10.4      1
## 22070   New Hampshire 54    45 4   18 days      79.3      9
## 22515   New Jersey   57    42 15  18 days      88.9     15
## 23528   New Mexico   57    42 5   18 days      71.6     15
## 24598   Nevada      55    43 5   18 days      51.0     12

```

##	24739	New York	63	36	31	18 days	94.2	27
##	25369	Ohio	51	47	20	18 days	37.5	4
##	26941	Oregon	57	40	7	18 days	87.3	17
##	28037	Pennsylvania	55	44	21	18 days	80.1	11
##	28832	Rhode Island	63	35	4	18 days	90.0	28
##	32908	Virginia	53	46	13	18 days	64.5	7
##	33380	Vermont	67	30	3	18 days	90.0	37
##	34485	Washington	58	40	11	18 days	86.0	18
##	34858	Wisconsin	56	42	10	18 days	83.0	14

Obamawin

##	3470	1
##	4078	1
##	5011	1
##	5667	1
##	6381	1
##	6533	1
##	8207	1
##	9198	1
##	10391	1
##	11121	1
##	14182	1
##	15062	1
##	15616	1
##	16562	1
##	17319	1
##	19925	1
##	22070	1
##	22515	1
##	23528	1
##	24598	1
##	24739	1
##	25369	1
##	26941	1
##	28037	1
##	28832	1
##	32908	1
##	33380	1
##	34485	1
##	34858	1

##

Running total is: 364

I is: 2008-10-29

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR
##	2987	CA 2008-10-29	California	96.5	0	3.5	0
##	4326	CO 2008-10-29	Colorado	83.5	7	16.5	214
##	4810	CT 2008-10-29	Connecticut	97.7	0	2.3	0
##	5506	DC 2008-10-29	District of Columbia	97.0	0	3.0	0
##	5898	DE 2008-10-29	Delaware	97.0	0	3.0	0
##	6863	FL 2008-10-29	Florida	73.0	631	27.0	330
##	8454	HI 2008-10-29	Hawaii	97.7	0	2.3	0
##	8838	IA 2008-10-29	Iowa	92.2	0	7.8	5
##	10516	IL 2008-10-29	Illinois	97.0	0	3.0	0
##	11123	IN 2008-10-29	Indiana	35.0	422	65.0	467
##	14062	MA 2008-10-29	Massachusetts	97.4	0	2.6	0

##	14904	MD	2008-10-29	Maryland	97.3	0	2.7	0
##	15497	ME	2008-10-29	Maine	96.2	20	3.8	0
##	16591	MI	2008-10-29	Michigan	91.8	4	8.2	9
##	16969	MN	2008-10-29	Minnesota	92.9	12	7.1	1
##	19810	NC	2008-10-29	North Carolina	52.9	408	47.1	299
##	22318	NH	2008-10-29	New Hampshire	85.0	109	15.0	8
##	22602	NJ	2008-10-29	New Jersey	94.8	0	5.2	2
##	23412	NM	2008-10-29	New Mexico	87.5	2	12.5	0
##	24479	NV	2008-10-29	Nevada	79.0	37	21.0	54
##	24867	NY	2008-10-29	New York	96.6	0	3.4	0
##	25486	OH	2008-10-29	Ohio	78.0	47	22.0	284
##	27309	OR	2008-10-29	Oregon	96.1	0	3.9	1
##	28205	PA	2008-10-29	Pennsylvania	86.1	31	14.0	403
##	28852	RI	2008-10-29	Rhode Island	97.0	0	3.0	0
##	32793	VA	2008-10-29	Virginia	81.0	70	19.0	11
##	33387	VT	2008-10-29	Vermont	96.3	0	3.7	0
##	34612	WA	2008-10-29	Washington	96.5	0	3.5	0
##	34862	WI	2008-10-29	Wisconsin	91.5	17	8.5	1
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	2987	California	61	37	55	6 days	93.0	24
##	4326	Colorado	54	45	9	6 days	67.0	9
##	4810	Connecticut	61	38	7	6 days	95.4	23
##	5506	D.C.	92	7	3	6 days	94.0	85
##	5898	Delaware	62	37	3	6 days	94.0	25
##	6863	Florida	51	48	27	6 days	46.0	3
##	8454	Hawaii	72	27	4	6 days	95.4	45
##	8838	Iowa	54	44	7	6 days	84.4	10
##	10516	Illinois	62	37	21	6 days	94.0	25
##	11123	Indiana	50	49	11	6 days	-30.0	1
##	14062	Massachusetts	62	36	12	6 days	94.8	26
##	14904	Maryland	62	36	10	6 days	94.6	26
##	15497	Maine	58	40	4	6 days	92.4	18
##	16591	Michigan	57	41	17	6 days	83.6	16
##	16969	Minnesota	54	44	10	6 days	85.8	10
##	19810	North Carolina	50	49	15	6 days	5.8	1
##	22318	New Hampshire	54	45	4	6 days	70.0	9
##	22602	New Jersey	57	42	15	6 days	89.6	15
##	23412	New Mexico	57	42	5	6 days	75.0	15
##	24479	Nevada	55	43	5	6 days	58.0	12
##	24867	New York	63	36	31	6 days	93.2	27
##	25486	Ohio	51	47	20	6 days	56.0	4
##	27309	Oregon	57	40	7	6 days	92.2	17
##	28205	Pennsylvania	55	44	21	6 days	72.1	11
##	28852	Rhode Island	63	35	4	6 days	94.0	28
##	32793	Virginia	53	46	13	6 days	62.0	7
##	33387	Vermont	67	30	3	6 days	92.6	37
##	34612	Washington	58	40	11	6 days	93.0	18
##	34862	Wisconsin	56	42	10	6 days	83.0	14
##		Obamawin						
##	2987	1						
##	4326	1						
##	4810	1						
##	5506	1						
##	5898	1						

```

## 6863      1
## 8454      1
## 8838      1
## 10516     1
## 11123     1
## 14062     1
## 14904     1
## 15497     1
## 16591     1
## 16969     1
## 19810     1
## 22318     1
## 22602     1
## 23412     1
## 24479     1
## 24867     1
## 25486     1
## 27309     1
## 28205     1
## 28852     1
## 32793     1
## 33387     1
## 34612     1
## 34862     1

```

```
##
```

```
## Running total is: 364
```

```
## I is: 2008-08-13
```

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR
## 3070	CA	2008-08-13	California	88.5	5	11.5	0
## 4042	CO	2008-08-13	Colorado	64.9	0	35.1	0
## 4853	CT	2008-08-13	Connecticut	84.8	0	15.2	0
## 5712	DC	2008-08-13	District of Columbia	96.3	0	3.7	0
## 6224	DE	2008-08-13	Delaware	88.0	0	12.0	0
## 6619	FL	2008-08-13	Florida	36.2	2	62.9	0
## 8290	HI	2008-08-13	Hawaii	95.2	0	4.8	0
## 9040	IA	2008-08-13	Iowa	73.0	0	27.0	0
## 10355	IL	2008-08-13	Illinois	95.5	0	4.5	0
## 10961	IN	2008-08-13	Indiana	34.3	0	60.0	64
## 13902	MA	2008-08-13	Massachusetts	92.5	0	7.5	0
## 14617	MD	2008-08-13	Maryland	90.5	0	9.5	0
## 15251	ME	2008-08-13	Maine	82.8	0	17.2	0
## 16078	MI	2008-08-13	Michigan	70.0	0	30.0	10
## 16928	MN	2008-08-13	Minnesota	83.0	8	17.0	0
## 19645	NC	2008-08-13	North Carolina	30.0	0	70.0	0
## 22034	NH	2008-08-13	New Hampshire	60.5	0	39.5	0
## 22558	NJ	2008-08-13	New Jersey	88.0	0	12.0	0
## 23179	NM	2008-08-13	New Mexico	72.5	0	27.5	0
## 24314	NV	2008-08-13	Nevada	51.5	0	48.5	0
## 24824	NY	2008-08-13	New York	92.0	0	8.0	0
## 25359	OH	2008-08-13	Ohio	60.5	0	39.5	0
## 27268	OR	2008-08-13	Oregon	86.6	0	13.4	0
## 27878	PA	2008-08-13	Pennsylvania	74.1	0	25.9	0
## 28486	RI	2008-08-13	Rhode Island	90.0	0	10.0	0
## 32872	VA	2008-08-13	Virginia	54.0	57	46.0	0

##	33589	VT 2008-08-13		Vermont	90.7	0	9.3	0
##	34450	WA 2008-08-13		Washington	90.3	0	9.7	0
##	35188	WI 2008-08-13		Wisconsin	77.5	0	22.5	0
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	3070	California	61	37	55	83 days	77.0	24
##	4042	Colorado	54	45	9	83 days	29.8	9
##	4853	Connecticut	61	38	7	83 days	69.6	23
##	5712	D.C.	92	7	3	83 days	92.6	85
##	6224	Delaware	62	37	3	83 days	76.0	25
##	6619	Florida	51	48	27	83 days	-26.7	3
##	8290	Hawaii	72	27	4	83 days	90.4	45
##	9040	Iowa	54	44	7	83 days	46.0	10
##	10355	Illinois	62	37	21	83 days	91.0	25
##	10961	Indiana	50	49	11	83 days	-25.7	1
##	13902	Massachusetts	62	36	12	83 days	85.0	26
##	14617	Maryland	62	36	10	83 days	81.0	26
##	15251	Maine	58	40	4	83 days	65.6	18
##	16078	Michigan	57	41	17	83 days	40.0	16
##	16928	Minnesota	54	44	10	83 days	66.0	10
##	19645	North Carolina	50	49	15	83 days	-40.0	1
##	22034	New Hampshire	54	45	4	83 days	21.0	9
##	22558	New Jersey	57	42	15	83 days	76.0	15
##	23179	New Mexico	57	42	5	83 days	45.0	15
##	24314	Nevada	55	43	5	83 days	3.0	12
##	24824	New York	63	36	31	83 days	84.0	27
##	25359	Ohio	51	47	20	83 days	21.0	4
##	27268	Oregon	57	40	7	83 days	73.2	17
##	27878	Pennsylvania	55	44	21	83 days	48.2	11
##	28486	Rhode Island	63	35	4	83 days	80.0	28
##	32872	Virginia	53	46	13	83 days	8.0	7
##	33589	Vermont	67	30	3	83 days	81.4	37
##	34450	Washington	58	40	11	83 days	80.6	18
##	35188	Wisconsin	56	42	10	83 days	55.0	14
##		Obamawin						
##	3070	1						
##	4042	1						
##	4853	1						
##	5712	1						
##	6224	1						
##	6619	1						
##	8290	1						
##	9040	1						
##	10355	1						
##	10961	1						
##	13902	1						
##	14617	1						
##	15251	1						
##	16078	1						
##	16928	1						
##	19645	1						
##	22034	1						
##	22558	1						
##	23179	1						
##	24314	1						

```

## 24824      1
## 25359      1
## 27268      1
## 27878      1
## 28486      1
## 32872      1
## 33589      1
## 34450      1
## 35188      1
##
## Running total is: 364
## I is: 2008-08-25
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 2951    CA 2008-08-25    California  88.5      0  11.5      0
## 3721    CO 2008-08-25      Colorado  60.0      7  40.1     65
## 4450    CT 2008-08-25    Connecticut  86.3      0  13.7      0
## 5186    DC 2008-08-25 District of Columbia  96.3      0   3.7      0
## 6106    DE 2008-08-25      Delaware  95.5      0   4.5      0
## 6828    FL 2008-08-25      Florida  34.0      0  66.0      2
## 8215    HI 2008-08-25      Hawaii  94.0      0   6.0      0
## 8803    IA 2008-08-25      Iowa  75.0     15  25.0      0
## 10482   IL 2008-08-25     Illinois  95.5      0   4.5      0
## 11331   IN 2008-08-25      Indiana  15.0      5  72.1      0
## 14028   MA 2008-08-25    Massachusetts  93.8      0   6.2      0
## 14866   MD 2008-08-25      Maryland  89.8      0  10.2      0
## 15339   ME 2008-08-25      Maine  83.5      0  13.0     10
## 16327   MI 2008-08-25      Michigan  70.0      5  31.0     15
## 17177   MN 2008-08-25     Minnesota  84.9      0  24.0     25
## 19570   NC 2008-08-25    North Carolina  26.0      0  74.0      0
## 21877   NH 2008-08-25    New Hampshire  58.0      1  40.0     23
## 22522   NJ 2008-08-25     New Jersey  90.0      0  10.0      0
## 23293   NM 2008-08-25     New Mexico  65.0      1  30.5      0
## 24320   NV 2008-08-25      Nevada  41.0     30  49.3      0
## 24667   NY 2008-08-25     New York  92.6      0   7.4      0
## 25569   OH 2008-08-25      Ohio  53.0      0  47.0      0
## 27395   OR 2008-08-25      Oregon  89.5      0  10.5      0
## 27640   PA 2008-08-25    Pennsylvania  73.0      0  26.2     41
## 28370   RI 2008-08-25    Rhode Island  87.5      0  12.5      0
## 32999   VA 2008-08-25      Virginia  53.0     15  47.1      0
## 33716   VT 2008-08-25      Vermont  90.8      0   9.2      0
## 34577   WA 2008-08-25     Washington  90.3      0   9.7      0
## 34950   WI 2008-08-25     Wisconsin  80.0     16  20.0     10
##
##      state.name Obama McCain EV DaysToElection obama.intmarg obama.actmarg
## 2951    California    61    37 55      71 days      77.0      24
## 3721      Colorado    54    45  9      71 days      19.9      9
## 4450    Connecticut    61    38  7      71 days      72.6     23
## 5186         D.C.     92     7  3      71 days      92.6     85
## 6106      Delaware    62    37  3      71 days      91.0     25
## 6828      Florida    51    48 27      71 days     -32.0      3
## 8215      Hawaii     72    27  4      71 days      88.0     45
## 8803        Iowa     54    44  7      71 days      50.0     10
## 10482     Illinois    62    37 21      71 days      91.0     25
## 11331     Indiana    50    49 11      71 days     -57.1      1
## 14028  Massachusetts    62    36 12      71 days      87.6     26

```

##	14866	Maryland	62	36	10	71 days	79.6	26
##	15339	Maine	58	40	4	71 days	70.5	18
##	16327	Michigan	57	41	17	71 days	39.0	16
##	17177	Minnesota	54	44	10	71 days	60.9	10
##	19570	North Carolina	50	49	15	71 days	-48.0	1
##	21877	New Hampshire	54	45	4	71 days	18.0	9
##	22522	New Jersey	57	42	15	71 days	80.0	15
##	23293	New Mexico	57	42	5	71 days	34.5	15
##	24320	Nevada	55	43	5	71 days	-8.3	12
##	24667	New York	63	36	31	71 days	85.2	27
##	25569	Ohio	51	47	20	71 days	6.0	4
##	27395	Oregon	57	40	7	71 days	79.0	17
##	27640	Pennsylvania	55	44	21	71 days	46.8	11
##	28370	Rhode Island	63	35	4	71 days	75.0	28
##	32999	Virginia	53	46	13	71 days	5.9	7
##	33716	Vermont	67	30	3	71 days	81.6	37
##	34577	Washington	58	40	11	71 days	80.6	18
##	34950	Wisconsin	56	42	10	71 days	60.0	14

Obamawin

##	2951	1
##	3721	1
##	4450	1
##	5186	1
##	6106	1
##	6828	1
##	8215	1
##	8803	1
##	10482	1
##	11331	1
##	14028	1
##	14866	1
##	15339	1
##	16327	1
##	17177	1
##	19570	1
##	21877	1
##	22522	1
##	23293	1
##	24320	1
##	24667	1
##	25569	1
##	27395	1
##	27640	1
##	28370	1
##	32999	1
##	33716	1
##	34577	1
##	34950	1

##

Running total is: 364

I is: 2008-09-21

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR
##	3236	CA	2008-09-21	California	91.0	23	10.1 53
##	3681	CO	2008-09-21	Colorado	56.2	1	44.0 1

## 4370	CT 2008-09-21	Connecticut	88.5	0	11.5	0	
## 5431	DC 2008-09-21	District of Columbia	97.0	0	3.0	0	
## 5836	DE 2008-09-21	Delaware	93.0	0	7.0	0	
## 7111	FL 2008-09-21	Florida	37.3	21	61.9	1	
## 8339	HI 2008-09-21	Hawaii	97.7	0	2.3	0	
## 8964	IA 2008-09-21	Iowa	75.0	5	25.0	1	
## 10522	IL 2008-09-21	Illinois	96.4	0	3.6	0	
## 11009	IN 2008-09-21	Indiana	28.1	10	71.0	1	
## 14070	MA 2008-09-21	Massachusetts	94.5	0	5.5	0	
## 14705	MD 2008-09-21	Maryland	92.5	0	7.5	0	
## 15382	ME 2008-09-21	Maine	91.5	0	8.5	10	
## 16450	MI 2008-09-21	Michigan	64.8	1	34.0	2	
## 17218	MN 2008-09-21	Minnesota	71.4	3	31.5	1	
## 19586	NC 2008-09-21	North Carolina	29.0	262	75.0	102	
## 22202	NH 2008-09-21	New Hampshire	59.8	1	40.2	0	
## 22687	NJ 2008-09-21	New Jersey	86.4	6	12.0	100	
## 23417	NM 2008-09-21	New Mexico	67.0	2	33.0	1	
## 24240	NV 2008-09-21	Nevada	51.4	10	52.0	8	
## 25236	NY 2008-09-21	New York	91.1	0	8.9	0	
## 25613	OH 2008-09-21	Ohio	49.0	122	52.5	10	
## 27438	OR 2008-09-21	Oregon	82.9	0	17.1	5	
## 27803	PA 2008-09-21	Pennsylvania	67.9	6	33.0	4	
## 28328	RI 2008-09-21	Rhode Island	95.0	0	5.0	0	
## 33161	VA 2008-09-21	Virginia	48.0	5	53.0	3	
## 33961	VT 2008-09-21	Vermont	91.5	0	8.5	0	
## 34579	WA 2008-09-21	Washington	83.5	8	16.5	0	
## 35316	WI 2008-09-21	Wisconsin	72.8	1	27.2	0	
##	state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
## 3236	California	61	37	55	44 days	80.9	24
## 3681	Colorado	54	45	9	44 days	12.2	9
## 4370	Connecticut	61	38	7	44 days	77.0	23
## 5431	D.C.	92	7	3	44 days	94.0	85
## 5836	Delaware	62	37	3	44 days	86.0	25
## 7111	Florida	51	48	27	44 days	-24.6	3
## 8339	Hawaii	72	27	4	44 days	95.4	45
## 8964	Iowa	54	44	7	44 days	50.0	10
## 10522	Illinois	62	37	21	44 days	92.8	25
## 11009	Indiana	50	49	11	44 days	-42.9	1
## 14070	Massachusetts	62	36	12	44 days	89.0	26
## 14705	Maryland	62	36	10	44 days	85.0	26
## 15382	Maine	58	40	4	44 days	83.0	18
## 16450	Michigan	57	41	17	44 days	30.8	16
## 17218	Minnesota	54	44	10	44 days	39.9	10
## 19586	North Carolina	50	49	15	44 days	-46.0	1
## 22202	New Hampshire	54	45	4	44 days	19.6	9
## 22687	New Jersey	57	42	15	44 days	74.4	15
## 23417	New Mexico	57	42	5	44 days	34.0	15
## 24240	Nevada	55	43	5	44 days	-0.6	12
## 25236	New York	63	36	31	44 days	82.2	27
## 25613	Ohio	51	47	20	44 days	-3.5	4
## 27438	Oregon	57	40	7	44 days	65.8	17
## 27803	Pennsylvania	55	44	21	44 days	34.9	11
## 28328	Rhode Island	63	35	4	44 days	90.0	28
## 33161	Virginia	53	46	13	44 days	-5.0	7


```

## 33961      Vermont      67      30  3      44 days      83.0      37
## 34579      Washington    58      40 11      44 days      67.0      18
## 35316      Wisconsin    56      42 10      44 days      45.6      14
##      Obamawin
## 3236      1
## 3681      1
## 4370      1
## 5431      1
## 5836      1
## 7111      1
## 8339      1
## 8964      1
## 10522     1
## 11009     1
## 14070     1
## 14705     1
## 15382     1
## 16450     1
## 17218     1
## 19586     1
## 22202     1
## 22687     1
## 23417     1
## 24240     1
## 25236     1
## 25613     1
## 27438     1
## 27803     1
## 28328     1
## 33161     1
## 33961     1
## 34579     1
## 35316     1
##
## Running total is: 364
## I is: 2008-08-29
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3155      CA 2008-08-29      California 93.0      29 11.5      3
## 3885      CO 2008-08-29      Colorado 60.0      6 43.0      22
## 4614      CT 2008-08-29      Connecticut 86.5      0 13.5      0
## 5350      DC 2008-08-29 District of Columbia 96.3      0 3.7      0
## 6310      DE 2008-08-29      Delaware 95.5      0 4.5      0
## 7032      FL 2008-08-29      Florida 32.5      5 65.3      0
## 8379      HI 2008-08-29      Hawaii 96.5      0 2.0      10
## 9007      IA 2008-08-29      Iowa 69.0      38 28.0      0
## 10686     IL 2008-08-29      Illinois 97.0      30 3.0      32
## 11455     IN 2008-08-29      Indiana 23.0      0 77.0      0
## 14232     MA 2008-08-29      Massachusetts 95.0      151 10.0      0
## 14949     MD 2008-08-29      Maryland 89.8      0 10.2      0
## 15422     ME 2008-08-29      Maine 81.4      0 14.0      0
## 16410     MI 2008-08-29      Michigan 65.0      10 35.0      75
## 17260     MN 2008-08-29      Minnesota 70.0      49 27.0      120
## 19613     NC 2008-08-29      North Carolina 27.5      0 80.0      10
## 22001     NH 2008-08-29      New Hampshire 59.0      0 41.0      0

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##	22525	NJ	2008-08-29	New Jersey	90.0	29	15.0	0
##	23336	NM	2008-08-29	New Mexico	60.0	0	30.6	0
##	24403	NV	2008-08-29	Nevada	42.0	4	61.9	0
##	24668	NY	2008-08-29	New York	91.3	0	8.7	0
##	25450	OH	2008-08-29	Ohio	54.5	0	52.0	15
##	26870	OR	2008-08-29	Oregon	90.4	0	9.6	0
##	27601	PA	2008-08-29	Pennsylvania	70.2	6	30.0	22
##	28262	RI	2008-08-29	Rhode Island	90.0	0	10.0	0
##	32839	VA	2008-08-29	Virginia	51.0	43	50.0	65
##	33556	VT	2008-08-29	Vermont	91.0	0	9.0	0
##	34620	WA	2008-08-29	Washington	90.5	0	12.0	0
##	35033	WI	2008-08-29	Wisconsin	75.0	10	27.0	75
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	3155	California	61	37	55	67 days	81.5	24
##	3885	Colorado	54	45	9	67 days	17.0	9
##	4614	Connecticut	61	38	7	67 days	73.0	23
##	5350	D.C.	92	7	3	67 days	92.6	85
##	6310	Delaware	62	37	3	67 days	91.0	25
##	7032	Florida	51	48	27	67 days	-32.8	3
##	8379	Hawaii	72	27	4	67 days	94.5	45
##	9007	Iowa	54	44	7	67 days	41.0	10
##	10686	Illinois	62	37	21	67 days	94.0	25
##	11455	Indiana	50	49	11	67 days	-54.0	1
##	14232	Massachusetts	62	36	12	67 days	85.0	26
##	14949	Maryland	62	36	10	67 days	79.6	26
##	15422	Maine	58	40	4	67 days	67.4	18
##	16410	Michigan	57	41	17	67 days	30.0	16
##	17260	Minnesota	54	44	10	67 days	43.0	10
##	19613	North Carolina	50	49	15	67 days	-52.5	1
##	22001	New Hampshire	54	45	4	67 days	18.0	9
##	22525	New Jersey	57	42	15	67 days	75.0	15
##	23336	New Mexico	57	42	5	67 days	29.4	15
##	24403	Nevada	55	43	5	67 days	-19.9	12
##	24668	New York	63	36	31	67 days	82.6	27
##	25450	Ohio	51	47	20	67 days	2.5	4
##	26870	Oregon	57	40	7	67 days	80.8	17
##	27601	Pennsylvania	55	44	21	67 days	40.2	11
##	28262	Rhode Island	63	35	4	67 days	80.0	28
##	32839	Virginia	53	46	13	67 days	1.0	7
##	33556	Vermont	67	30	3	67 days	82.0	37
##	34620	Washington	58	40	11	67 days	78.5	18
##	35033	Wisconsin	56	42	10	67 days	48.0	14
##		Obamawin						
##	3155	1						
##	3885	1						
##	4614	1						
##	5350	1						
##	6310	1						
##	7032	1						
##	8379	1						
##	9007	1						
##	10686	1						
##	11455	1						
##	14232	1						

```

## 14949      1
## 15422      1
## 16410      1
## 17260      1
## 19613      1
## 22001      1
## 22525      1
## 23336      1
## 24403      1
## 24668      1
## 25450      1
## 26870      1
## 27601      1
## 28262      1
## 32839      1
## 33556      1
## 34620      1
## 35033      1
##
## Running total is: 364
## I is: 2008-10-18
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3521    CA 2008-10-18    California  96.0         0    4.0         0
## 4129    CO 2008-10-18      Colorado  85.0         1   15.0         3
## 5058    CT 2008-10-18    Connecticut  93.8         0    6.2         0
## 5718    DC 2008-10-18 District of Columbia  97.0         0    3.0         0
## 6432    DE 2008-10-18      Delaware  95.5         0    4.5         0
## 6557    FL 2008-10-18      Florida  74.0        31   26.0        118
## 8258    HI 2008-10-18      Hawaii  97.7         0    2.3         0
## 9249    IA 2008-10-18      Iowa  87.0         1   13.0         0
## 10442   IL 2008-10-18     Illinois  97.1         0    2.9         0
## 11172   IN 2008-10-18     Indiana  36.0        91   64.0         7
## 14233   MA 2008-10-18    Massachusetts  97.4         0    2.6         0
## 15113   MD 2008-10-18      Maryland  96.0         0    4.0         0
## 15667   ME 2008-10-18      Maine  92.9         0    7.1         0
## 16600   MI 2008-10-18     Michigan  93.5        50    6.5         0
## 17344   MN 2008-10-18     Minnesota  91.5         0    8.5         0
## 19976   NC 2008-10-18   North Carolina  55.4        51   44.6        20
## 22121   NH 2008-10-18   New Hampshire  88.8         1   11.2         0
## 22566   NJ 2008-10-18     New Jersey  93.5         0    6.5         0
## 23579   NM 2008-10-18     New Mexico  87.9         0   12.1         2
## 24595   NV 2008-10-18      Nevada  76.5         0   23.5        10
## 24790   NY 2008-10-18     New York  97.1         0    2.9         0
## 25407   OH 2008-10-18      Ohio  68.5        22   31.5        31
## 26992   OR 2008-10-18      Oregon  93.4         0    6.6         0
## 28088   PA 2008-10-18     Pennsylvania  89.5         3   10.5         1
## 28883   RI 2008-10-18     Rhode Island  95.0         0    5.0         0
## 32959   VA 2008-10-18      Virginia  81.6         2   18.4        59
## 33431   VT 2008-10-18      Vermont  95.0         0    5.0         0
## 34536   WA 2008-10-18     Washington  95.3         0    4.7         0
## 34909   WI 2008-10-18     Wisconsin  92.0        35    8.0         0
##
##      state.name Obama McCain EV DaysToElection obama.intmarg obama.actmarg
## 3521    California    61    37 55        17 days        92.0        24
## 4129     Colorado    54    45  9        17 days        70.0         9

```

##	5058	Connecticut	61	38	7	17 days	87.6	23
##	5718	D.C.	92	7	3	17 days	94.0	85
##	6432	Delaware	62	37	3	17 days	91.0	25
##	6557	Florida	51	48	27	17 days	48.0	3
##	8258	Hawaii	72	27	4	17 days	95.4	45
##	9249	Iowa	54	44	7	17 days	74.0	10
##	10442	Illinois	62	37	21	17 days	94.2	25
##	11172	Indiana	50	49	11	17 days	-28.0	1
##	14233	Massachusetts	62	36	12	17 days	94.8	26
##	15113	Maryland	62	36	10	17 days	92.0	26
##	15667	Maine	58	40	4	17 days	85.8	18
##	16600	Michigan	57	41	17	17 days	87.0	16
##	17344	Minnesota	54	44	10	17 days	83.0	10
##	19976	North Carolina	50	49	15	17 days	10.8	1
##	22121	New Hampshire	54	45	4	17 days	77.6	9
##	22566	New Jersey	57	42	15	17 days	87.0	15
##	23579	New Mexico	57	42	5	17 days	75.8	15
##	24595	Nevada	55	43	5	17 days	53.0	12
##	24790	New York	63	36	31	17 days	94.2	27
##	25407	Ohio	51	47	20	17 days	37.0	4
##	26992	Oregon	57	40	7	17 days	86.8	17
##	28088	Pennsylvania	55	44	21	17 days	79.0	11
##	28883	Rhode Island	63	35	4	17 days	90.0	28
##	32959	Virginia	53	46	13	17 days	63.2	7
##	33431	Vermont	67	30	3	17 days	90.0	37
##	34536	Washington	58	40	11	17 days	90.6	18
##	34909	Wisconsin	56	42	10	17 days	84.0	14
##		Obamawin						
##	3521	1						
##	4129	1						
##	5058	1						
##	5718	1						
##	6432	1						
##	6557	1						
##	8258	1						
##	9249	1						
##	10442	1						
##	11172	1						
##	14233	1						
##	15113	1						
##	15667	1						
##	16600	1						
##	17344	1						
##	19976	1						
##	22121	1						
##	22566	1						
##	23579	1						
##	24595	1						
##	24790	1						
##	25407	1						
##	26992	1						
##	28088	1						
##	28883	1						
##	32959	1						

```

## 33431      1
## 34536      1
## 34909      1
##
## Running total is: 364
## I is: 2008-09-06
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3199      CA 2008-09-06      California 92.5      17      7.5      0
## 3807      CO 2008-09-06      Colorado 57.0      5     43.0     15
## 4415      CT 2008-09-06      Connecticut 91.0      0      9.0      0
## 5394      DC 2008-09-06 District of Columbia 97.0      0      3.0      0
## 6111      DE 2008-09-06      Delaware 97.0      0      3.0      0
## 6628      FL 2008-09-06      Florida 40.0     117     63.0     25
## 8099      HI 2008-09-06      Hawaii 97.7      0      2.3      0
## 8808      IA 2008-09-06      Iowa 73.0     170     27.1      6
## 10730     IL 2008-09-06      Illinois 96.0      0      4.0      0
## 11458     IN 2008-09-06      Indiana 26.6      0     70.0      0
## 14033     MA 2008-09-06      Massachusetts 93.8      0      6.2      0
## 14628     MD 2008-09-06      Maryland 93.0      0      7.0      0
## 15344     ME 2008-09-06      Maine 90.0      0     10.0      0
## 16495     MI 2008-09-06      Michigan 66.7      0     30.1     26
## 16940     MN 2008-09-06      Minnesota 80.0      0     20.5      0
## 19900     NC 2008-09-06      North Carolina 31.0     20     74.0     33
## 22046     NH 2008-09-06      New Hampshire 62.0      2     39.0     40
## 22651     NJ 2008-09-06      New Jersey 87.3      0     12.7      0
## 23381     NM 2008-09-06      New Mexico 75.0      3     28.0      0
## 24123     NV 2008-09-06      Nevada 52.0      0     44.0      0
## 24834     NY 2008-09-06      New York 94.0      0      6.0      0
## 25697     OH 2008-09-06      Ohio 52.6      0     48.6     30
## 27036     OR 2008-09-06      Oregon 88.0      0     12.0      0
## 28008     PA 2008-09-06      Pennsylvania 75.0     49     25.0     67
## 28372     RI 2008-09-06      Rhode Island 93.0      0      9.5      0
## 32761     VA 2008-09-06      Virginia 52.5     56     48.0      0
## 33721     VT 2008-09-06      Vermont 93.5      0      6.5      0
## 34217     WA 2008-09-06      Washington 91.0      0      9.0      0
## 35320     WI 2008-09-06      Wisconsin 81.0      1     20.0      1
##
##      state.name Obama McCain EV DaysToElection obama.intmarg obama.actmarg
## 3199      California 61      37 55      59 days      85.0      24
## 3807      Colorado 54      45 9      59 days      14.0      9
## 4415      Connecticut 61      38 7      59 days      82.0      23
## 5394      D.C. 92      7 3      59 days      94.0      85
## 6111      Delaware 62      37 3      59 days      94.0      25
## 6628      Florida 51      48 27      59 days     -23.0      3
## 8099      Hawaii 72      27 4      59 days      95.4      45
## 8808      Iowa 54      44 7      59 days      45.9      10
## 10730     Illinois 62      37 21      59 days      92.0      25
## 11458     Indiana 50      49 11      59 days     -43.4      1
## 14033     Massachusetts 62      36 12      59 days      87.6      26
## 14628     Maryland 62      36 10      59 days      86.0      26
## 15344     Maine 58      40 4      59 days      80.0      18
## 16495     Michigan 57      41 17      59 days      36.6      16
## 16940     Minnesota 54      44 10      59 days      59.5      10
## 19900     North Carolina 50      49 15      59 days     -43.0      1
## 22046     New Hampshire 54      45 4      59 days      23.0      9

```

##	22651	New Jersey	57	42 15	59 days	74.6	15
##	23381	New Mexico	57	42 5	59 days	47.0	15
##	24123	Nevada	55	43 5	59 days	8.0	12
##	24834	New York	63	36 31	59 days	88.0	27
##	25697	Ohio	51	47 20	59 days	4.0	4
##	27036	Oregon	57	40 7	59 days	76.0	17
##	28008	Pennsylvania	55	44 21	59 days	50.0	11
##	28372	Rhode Island	63	35 4	59 days	83.5	28
##	32761	Virginia	53	46 13	59 days	4.5	7
##	33721	Vermont	67	30 3	59 days	87.0	37
##	34217	Washington	58	40 11	59 days	82.0	18
##	35320	Wisconsin	56	42 10	59 days	61.0	14

Obamawin

##	3199	1
##	3807	1
##	4415	1
##	5394	1
##	6111	1
##	6628	1
##	8099	1
##	8808	1
##	10730	1
##	11458	1
##	14033	1
##	14628	1
##	15344	1
##	16495	1
##	16940	1
##	19900	1
##	22046	1
##	22651	1
##	23381	1
##	24123	1
##	24834	1
##	25697	1
##	27036	1
##	28008	1
##	28372	1
##	32761	1
##	33721	1
##	34217	1
##	35320	1

##

Running total is: 364

I is: 2008-10-30

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR
##	3038	CA 2008-10-30	California	96.5	94	3.5	0
##	4310	CO 2008-10-30	Colorado	83.5	11	16.5	112
##	4861	CT 2008-10-30	Connecticut	97.7	0	2.3	0
##	5557	DC 2008-10-30	District of Columbia	97.0	0	3.0	0
##	5949	DE 2008-10-30	Delaware	97.0	0	3.0	0
##	6914	FL 2008-10-30	Florida	72.5	255	29.1	439
##	8505	HI 2008-10-30	Hawaii	97.7	0	2.3	0
##	8889	IA 2008-10-30	Iowa	92.2	2	7.8	4

##	10567	IL	2008-10-30	Illinois	97.0	0	3.0	0
##	11174	IN	2008-10-30	Indiana	40.0	221	60.0	117
##	14113	MA	2008-10-30	Massachusetts	97.4	0	2.6	0
##	14955	MD	2008-10-30	Maryland	97.3	0	2.7	0
##	15548	ME	2008-10-30	Maine	96.2	0	3.8	0
##	16575	MI	2008-10-30	Michigan	91.8	0	7.0	4
##	17020	MN	2008-10-30	Minnesota	92.9	31	7.1	25
##	19861	NC	2008-10-30	North Carolina	59.9	275	38.7	199
##	22356	NH	2008-10-30	New Hampshire	87.0	105	12.5	6
##	22653	NJ	2008-10-30	New Jersey	94.8	0	5.2	0
##	23463	NM	2008-10-30	New Mexico	87.5	12	12.5	7
##	24530	NV	2008-10-30	Nevada	81.0	58	21.0	106
##	24918	NY	2008-10-30	New York	96.6	0	3.4	0
##	25537	OH	2008-10-30	Ohio	80.0	86	20.0	149
##	27360	OR	2008-10-30	Oregon	96.1	0	4.5	5
##	28176	PA	2008-10-30	Pennsylvania	86.0	88	17.5	215
##	28863	RI	2008-10-30	Rhode Island	97.0	0	3.0	0
##	32844	VA	2008-10-30	Virginia	84.8	198	19.0	390
##	33438	VT	2008-10-30	Vermont	96.3	0	3.7	0
##	34663	WA	2008-10-30	Washington	96.5	0	3.5	0
##	34913	WI	2008-10-30	Wisconsin	91.5	30	8.5	0
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	3038	California	61	37	55	5 days	93.0	24
##	4310	Colorado	54	45	9	5 days	67.0	9
##	4861	Connecticut	61	38	7	5 days	95.4	23
##	5557	D.C.	92	7	3	5 days	94.0	85
##	5949	Delaware	62	37	3	5 days	94.0	25
##	6914	Florida	51	48	27	5 days	43.4	3
##	8505	Hawaii	72	27	4	5 days	95.4	45
##	8889	Iowa	54	44	7	5 days	84.4	10
##	10567	Illinois	62	37	21	5 days	94.0	25
##	11174	Indiana	50	49	11	5 days	-20.0	1
##	14113	Massachusetts	62	36	12	5 days	94.8	26
##	14955	Maryland	62	36	10	5 days	94.6	26
##	15548	Maine	58	40	4	5 days	92.4	18
##	16575	Michigan	57	41	17	5 days	84.8	16
##	17020	Minnesota	54	44	10	5 days	85.8	10
##	19861	North Carolina	50	49	15	5 days	21.2	1
##	22356	New Hampshire	54	45	4	5 days	74.5	9
##	22653	New Jersey	57	42	15	5 days	89.6	15
##	23463	New Mexico	57	42	5	5 days	75.0	15
##	24530	Nevada	55	43	5	5 days	60.0	12
##	24918	New York	63	36	31	5 days	93.2	27
##	25537	Ohio	51	47	20	5 days	60.0	4
##	27360	Oregon	57	40	7	5 days	91.6	17
##	28176	Pennsylvania	55	44	21	5 days	68.5	11
##	28863	Rhode Island	63	35	4	5 days	94.0	28
##	32844	Virginia	53	46	13	5 days	65.8	7
##	33438	Vermont	67	30	3	5 days	92.6	37
##	34663	Washington	58	40	11	5 days	93.0	18
##	34913	Wisconsin	56	42	10	5 days	83.0	14
##		Obamawin						
##	3038	1						
##	4310	1						

```

## 4861      1
## 5557      1
## 5949      1
## 6914      1
## 8505      1
## 8889      1
## 10567     1
## 11174     1
## 14113     1
## 14955     1
## 15548     1
## 16575     1
## 17020     1
## 19861     1
## 22356     1
## 22653     1
## 23463     1
## 24530     1
## 24918     1
## 25537     1
## 27360     1
## 28176     1
## 28863     1
## 32844     1
## 33438     1
## 34663     1
## 34913     1
##
## Running total is: 364
## I is: 2008-08-14
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3121    CA 2008-08-14    California  87.0      9   11.5      10
## 4093    CO 2008-08-14      Colorado  64.9      8   35.0       5
## 4904    CT 2008-08-14    Connecticut  84.8      0   13.0      50
## 5763    DC 2008-08-14 District of Columbia  96.3      0    3.7       0
## 6275    DE 2008-08-14      Delaware  88.0      0   12.0       0
## 6510    FL 2008-08-14      Florida  36.2      0   62.9       0
## 8341    HI 2008-08-14      Hawaii   95.2      0    4.8       0
## 9091    IA 2008-08-14      Iowa     73.0     31   25.0      50
## 10406   IL 2008-08-14      Illinois  95.5      0    4.5       0
## 11012   IN 2008-08-14      Indiana  34.3      0   60.0       0
## 13953   MA 2008-08-14    Massachusetts  92.5      0    7.5       0
## 14668   MD 2008-08-14      Maryland  90.5      0    9.5       0
## 15302   ME 2008-08-14      Maine    82.8      0   15.0      29
## 16129   MI 2008-08-14      Michigan  70.0      0   30.0       0
## 16979   MN 2008-08-14      Minnesota  83.0     20   17.0       0
## 19696   NC 2008-08-14    North Carolina  30.0      0   70.0      12
## 22085   NH 2008-08-14    New Hampshire  60.5      0   39.5       0
## 22609   NJ 2008-08-14      New Jersey  88.0      0   12.0       0
## 23217   NM 2008-08-14      New Mexico  72.5      0   26.0       5
## 24365   NV 2008-08-14      Nevada   51.5      0   48.5       0
## 24875   NY 2008-08-14      New York   92.0      0    8.0       0
## 25371   OH 2008-08-14      Ohio     60.5      9   39.5      10
## 27319   OR 2008-08-14      Oregon   86.6     25   13.4       0

```


##	27929	PA	2008-08-14	Pennsylvania	74.1	0	25.9	6
##	28537	RI	2008-08-14	Rhode Island	90.0	0	10.0	0
##	32923	VA	2008-08-14	Virginia	54.0	0	46.0	1
##	33640	VT	2008-08-14	Vermont	90.7	0	9.3	0
##	34501	WA	2008-08-14	Washington	90.3	0	9.7	0
##	35239	WI	2008-08-14	Wisconsin	77.5	0	22.5	11
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	3121	California	61	37	55	82 days	75.5	24
##	4093	Colorado	54	45	9	82 days	29.9	9
##	4904	Connecticut	61	38	7	82 days	71.8	23
##	5763	D.C.	92	7	3	82 days	92.6	85
##	6275	Delaware	62	37	3	82 days	76.0	25
##	6510	Florida	51	48	27	82 days	-26.7	3
##	8341	Hawaii	72	27	4	82 days	90.4	45
##	9091	Iowa	54	44	7	82 days	48.0	10
##	10406	Illinois	62	37	21	82 days	91.0	25
##	11012	Indiana	50	49	11	82 days	-25.7	1
##	13953	Massachusetts	62	36	12	82 days	85.0	26
##	14668	Maryland	62	36	10	82 days	81.0	26
##	15302	Maine	58	40	4	82 days	67.8	18
##	16129	Michigan	57	41	17	82 days	40.0	16
##	16979	Minnesota	54	44	10	82 days	66.0	10
##	19696	North Carolina	50	49	15	82 days	-40.0	1
##	22085	New Hampshire	54	45	4	82 days	21.0	9
##	22609	New Jersey	57	42	15	82 days	76.0	15
##	23217	New Mexico	57	42	5	82 days	46.5	15
##	24365	Nevada	55	43	5	82 days	3.0	12
##	24875	New York	63	36	31	82 days	84.0	27
##	25371	Ohio	51	47	20	82 days	21.0	4
##	27319	Oregon	57	40	7	82 days	73.2	17
##	27929	Pennsylvania	55	44	21	82 days	48.2	11
##	28537	Rhode Island	63	35	4	82 days	80.0	28
##	32923	Virginia	53	46	13	82 days	8.0	7
##	33640	Vermont	67	30	3	82 days	81.4	37
##	34501	Washington	58	40	11	82 days	80.6	18
##	35239	Wisconsin	56	42	10	82 days	55.0	14
##		Obamawin						
##	3121	1						
##	4093	1						
##	4904	1						
##	5763	1						
##	6275	1						
##	6510	1						
##	8341	1						
##	9091	1						
##	10406	1						
##	11012	1						
##	13953	1						
##	14668	1						
##	15302	1						
##	16129	1						
##	16979	1						
##	19696	1						
##	22085	1						

```

## 22609      1
## 23217      1
## 24365      1
## 24875      1
## 25371      1
## 27319      1
## 27929      1
## 28537      1
## 32923      1
## 33640      1
## 34501      1
## 35239      1
##
## Running total is: 364
## I is: 2008-08-26
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3002    CA 2008-08-26    California  90.0      0  10.0      2
## 3772    CO 2008-08-26      Colorado  60.0      0  40.0      0
## 4461    CT 2008-08-26    Connecticut  86.5      0  13.5      0
## 5197    DC 2008-08-26 District of Columbia  96.3      0   3.7      0
## 6157    DE 2008-08-26      Delaware  95.5      0   4.5      0
## 6879    FL 2008-08-26      Florida  34.7      3  65.3     18
## 8266    HI 2008-08-26      Hawaii  96.5      0   3.5      0
## 8854    IA 2008-08-26      Iowa  75.0      0  25.0      0
## 10533   IL 2008-08-26      Illinois  95.5      0   4.5      0
## 11382   IN 2008-08-26      Indiana  23.0     10  77.0      0
## 14079   MA 2008-08-26    Massachusetts  93.0      0   7.0      0
## 14917   MD 2008-08-26      Maryland  89.8      0  10.2      0
## 15390   ME 2008-08-26      Maine  86.0      0  14.0      9
## 16378   MI 2008-08-26      Michigan  60.1      0  39.9      4
## 17228   MN 2008-08-26      Minnesota  82.2      0  17.8      0
## 19620   NC 2008-08-26    North Carolina  27.5      0  72.5      0
## 21888   NH 2008-08-26    New Hampshire  59.0      0  41.0      0
## 22573   NJ 2008-08-26      New Jersey  89.5      0  10.5      0
## 23344   NM 2008-08-26      New Mexico  64.4      0  35.6      0
## 24371   NV 2008-08-26      Nevada  40.0     20  60.0     50
## 24676   NY 2008-08-26      New York  91.3      0   8.7      0
## 25539   OH 2008-08-26      Ohio  54.5     49  45.5      0
## 26878   OR 2008-08-26      Oregon  90.4      0   9.6      0
## 27541   PA 2008-08-26    Pennsylvania  72.9      0  27.1      0
## 28419   RI 2008-08-26    Rhode Island  90.0      0  10.0      0
## 32686   VA 2008-08-26      Virginia  51.0     29  49.0      0
## 33403   VT 2008-08-26      Vermont  91.0      0   9.0      0
## 34628   WA 2008-08-26      Washington  90.5      0   9.5      0
## 35001   WI 2008-08-26      Wisconsin  77.5      0  22.5      0
##
##      state.name Obama McCain EV DaysToElection obama.intmarg obama.actmarg
## 3002    California    61    37 55      70 days      80.0      24
## 3772      Colorado    54    45 9      70 days      20.0      9
## 4461   Connecticut    61    38 7      70 days      73.0     23
## 5197         D.C.    92     7 3      70 days      92.6     85
## 6157      Delaware    62    37 3      70 days      91.0     25
## 6879      Florida    51    48 27     70 days     -30.6      3
## 8266      Hawaii    72    27 4      70 days      93.0     45
## 8854       Iowa    54    44 7      70 days      50.0     10

```

##	10533	Illinois	62	37	21	70 days	91.0	25
##	11382	Indiana	50	49	11	70 days	-54.0	1
##	14079	Massachusetts	62	36	12	70 days	86.0	26
##	14917	Maryland	62	36	10	70 days	79.6	26
##	15390	Maine	58	40	4	70 days	72.0	18
##	16378	Michigan	57	41	17	70 days	20.2	16
##	17228	Minnesota	54	44	10	70 days	64.4	10
##	19620	North Carolina	50	49	15	70 days	-45.0	1
##	21888	New Hampshire	54	45	4	70 days	18.0	9
##	22573	New Jersey	57	42	15	70 days	79.0	15
##	23344	New Mexico	57	42	5	70 days	28.8	15
##	24371	Nevada	55	43	5	70 days	-20.0	12
##	24676	New York	63	36	31	70 days	82.6	27
##	25539	Ohio	51	47	20	70 days	9.0	4
##	26878	Oregon	57	40	7	70 days	80.8	17
##	27541	Pennsylvania	55	44	21	70 days	45.8	11
##	28419	Rhode Island	63	35	4	70 days	80.0	28
##	32686	Virginia	53	46	13	70 days	2.0	7
##	33403	Vermont	67	30	3	70 days	82.0	37
##	34628	Washington	58	40	11	70 days	81.0	18
##	35001	Wisconsin	56	42	10	70 days	55.0	14
##		Obamawin						
##	3002	1						
##	3772	1						
##	4461	1						
##	5197	1						
##	6157	1						
##	6879	1						
##	8266	1						
##	8854	1						
##	10533	1						
##	11382	1						
##	14079	1						
##	14917	1						
##	15390	1						
##	16378	1						
##	17228	1						
##	19620	1						
##	21888	1						
##	22573	1						
##	23344	1						
##	24371	1						
##	24676	1						
##	25539	1						
##	26878	1						
##	27541	1						
##	28419	1						
##	32686	1						
##	33403	1						
##	34628	1						
##	35001	1						
##								
##	Running total is: 364							
##	I is: 2008-09-22							

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR
## 3287	CA	2008-09-22	California	91.0	7	10.1	24
## 3732	CO	2008-09-22	Colorado	60.0	1	39.2	1
## 4381	CT	2008-09-22	Connecticut	88.5	0	6.5	4
## 5482	DC	2008-09-22	District of Columbia	97.0	0	3.0	0
## 5834	DE	2008-09-22	Delaware	93.0	0	7.0	0
## 7162	FL	2008-09-22	Florida	38.4	402	61.9	147
## 7997	HI	2008-09-22	Hawaii	97.7	0	2.3	0
## 8894	IA	2008-09-22	Iowa	80.0	20	25.0	0
## 10249	IL	2008-09-22	Illinois	96.4	0	3.6	0
## 10978	IN	2008-09-22	Indiana	28.0	3	71.0	0
## 13877	MA	2008-09-22	Massachusetts	94.5	0	5.5	0
## 14525	MD	2008-09-22	Maryland	92.5	0	7.5	0
## 15201	ME	2008-09-22	Maine	91.5	0	8.5	0
## 16501	MI	2008-09-22	Michigan	67.0	10	35.0	5
## 17148	MN	2008-09-22	Minnesota	71.5	10	27.1	21
## 19624	NC	2008-09-22	North Carolina	27.9	4	75.0	0
## 21889	NH	2008-09-22	New Hampshire	59.8	0	41.5	16
## 22738	NJ	2008-09-22	New Jersey	86.2	15	13.0	1
## 23468	NM	2008-09-22	New Mexico	74.0	41	31.1	24
## 24291	NV	2008-09-22	Nevada	52.9	1	46.5	1
## 25166	NY	2008-09-22	New York	90.0	8	8.9	0
## 25664	OH	2008-09-22	Ohio	47.0	25	54.9	29
## 27368	OR	2008-09-22	Oregon	82.9	0	17.0	20
## 27854	PA	2008-09-22	Pennsylvania	66.7	41	31.5	16
## 28339	RI	2008-09-22	Rhode Island	95.0	0	5.0	0
## 32848	VA	2008-09-22	Virginia	45.0	139	53.0	152
## 33445	VT	2008-09-22	Vermont	91.5	0	8.5	0
## 34630	WA	2008-09-22	Washington	83.5	12	16.5	0
## 35367	WI	2008-09-22	Wisconsin	72.1	3	27.2	0
##	state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
## 3287	California	61	37	55	43 days	80.9	24
## 3732	Colorado	54	45	9	43 days	20.8	9
## 4381	Connecticut	61	38	7	43 days	82.0	23
## 5482	D.C.	92	7	3	43 days	94.0	85
## 5834	Delaware	62	37	3	43 days	86.0	25
## 7162	Florida	51	48	27	43 days	-23.5	3
## 7997	Hawaii	72	27	4	43 days	95.4	45
## 8894	Iowa	54	44	7	43 days	55.0	10
## 10249	Illinois	62	37	21	43 days	92.8	25
## 10978	Indiana	50	49	11	43 days	-43.0	1
## 13877	Massachusetts	62	36	12	43 days	89.0	26
## 14525	Maryland	62	36	10	43 days	85.0	26
## 15201	Maine	58	40	4	43 days	83.0	18
## 16501	Michigan	57	41	17	43 days	32.0	16
## 17148	Minnesota	54	44	10	43 days	44.4	10
## 19624	North Carolina	50	49	15	43 days	-47.1	1
## 21889	New Hampshire	54	45	4	43 days	18.3	9
## 22738	New Jersey	57	42	15	43 days	73.2	15
## 23468	New Mexico	57	42	5	43 days	42.9	15
## 24291	Nevada	55	43	5	43 days	6.4	12
## 25166	New York	63	36	31	43 days	81.1	27
## 25664	Ohio	51	47	20	43 days	-7.9	4
## 27368	Oregon	57	40	7	43 days	65.9	17

##	27854	Pennsylvania	55	44	21	43 days	35.2	11
##	28339	Rhode Island	63	35	4	43 days	90.0	28
##	32848	Virginia	53	46	13	43 days	-8.0	7
##	33445	Vermont	67	30	3	43 days	83.0	37
##	34630	Washington	58	40	11	43 days	67.0	18
##	35367	Wisconsin	56	42	10	43 days	44.9	14

Obamawin

##	3287	1
##	3732	1
##	4381	1
##	5482	1
##	5834	1
##	7162	1
##	7997	1
##	8894	1
##	10249	1
##	10978	1
##	13877	1
##	14525	1
##	15201	1
##	16501	1
##	17148	1
##	19624	1
##	21889	1
##	22738	1
##	23468	1
##	24291	1
##	25166	1
##	25664	1
##	27368	1
##	27854	1
##	28339	1
##	32848	1
##	33445	1
##	34630	1
##	35367	1

##

Running total is: 364

I is: 2008-10-15

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR
##	3368	CA 2008-10-15	California	94.6	27	5.4	0
##	4097	CO 2008-10-15	Colorado	85.0	0	15.0	35
##	5030	CT 2008-10-15	Connecticut	93.8	0	6.2	0
##	5685	DC 2008-10-15	District of Columbia	97.0	0	3.0	0
##	6279	DE 2008-10-15	Delaware	95.5	0	4.5	0
##	6508	FL 2008-10-15	Florida	77.5	112	22.5	107
##	8145	HI 2008-10-15	Hawaii	97.7	0	2.3	0
##	9096	IA 2008-10-15	Iowa	90.0	40	10.0	0
##	10329	IL 2008-10-15	Illinois	97.1	0	2.9	0
##	11019	IN 2008-10-15	Indiana	35.0	388	65.0	205
##	14080	MA 2008-10-15	Massachusetts	98.3	0	1.7	5
##	15081	MD 2008-10-15	Maryland	94.3	0	5.7	0
##	15514	ME 2008-10-15	Maine	91.0	3	9.0	23
##	16581	MI 2008-10-15	Michigan	94.4	14	5.6	0

##	17324	MN	2008-10-15	Minnesota	91.0	69	9.0	0
##	19823	NC	2008-10-15	North Carolina	56.0	141	44.0	209
##	22089	NH	2008-10-15	New Hampshire	87.9	139	12.1	104
##	22534	NJ	2008-10-15	New Jersey	92.0	0	8.0	5
##	23426	NM	2008-10-15	New Mexico	85.0	208	15.0	106
##	24576	NV	2008-10-15	Nevada	77.0	27	22.3	17
##	24758	NY	2008-10-15	New York	97.1	0	2.9	0
##	25538	OH	2008-10-15	Ohio	71.8	43	28.2	191
##	26960	OR	2008-10-15	Oregon	93.4	6	6.6	0
##	28056	PA	2008-10-15	Pennsylvania	90.0	0	10.0	236
##	28824	RI	2008-10-15	Rhode Island	95.0	0	5.0	0
##	32806	VA	2008-10-15	Virginia	77.5	149	22.5	244
##	33331	VT	2008-10-15	Vermont	95.0	0	5.0	0
##	34383	WA	2008-10-15	Washington	95.0	0	5.0	0
##	34877	WI	2008-10-15	Wisconsin	92.0	244	8.0	305
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	3368	California	61	37	55	20 days	89.2	24
##	4097	Colorado	54	45	9	20 days	70.0	9
##	5030	Connecticut	61	38	7	20 days	87.6	23
##	5685	D.C.	92	7	3	20 days	94.0	85
##	6279	Delaware	62	37	3	20 days	91.0	25
##	6508	Florida	51	48	27	20 days	55.0	3
##	8145	Hawaii	72	27	4	20 days	95.4	45
##	9096	Iowa	54	44	7	20 days	80.0	10
##	10329	Illinois	62	37	21	20 days	94.2	25
##	11019	Indiana	50	49	11	20 days	-30.0	1
##	14080	Massachusetts	62	36	12	20 days	96.6	26
##	15081	Maryland	62	36	10	20 days	88.6	26
##	15514	Maine	58	40	4	20 days	82.0	18
##	16581	Michigan	57	41	17	20 days	88.8	16
##	17324	Minnesota	54	44	10	20 days	82.0	10
##	19823	North Carolina	50	49	15	20 days	12.0	1
##	22089	New Hampshire	54	45	4	20 days	75.8	9
##	22534	New Jersey	57	42	15	20 days	84.0	15
##	23426	New Mexico	57	42	5	20 days	70.0	15
##	24576	Nevada	55	43	5	20 days	54.7	12
##	24758	New York	63	36	31	20 days	94.2	27
##	25538	Ohio	51	47	20	20 days	43.6	4
##	26960	Oregon	57	40	7	20 days	86.8	17
##	28056	Pennsylvania	55	44	21	20 days	80.0	11
##	28824	Rhode Island	63	35	4	20 days	90.0	28
##	32806	Virginia	53	46	13	20 days	55.0	7
##	33331	Vermont	67	30	3	20 days	90.0	37
##	34383	Washington	58	40	11	20 days	90.0	18
##	34877	Wisconsin	56	42	10	20 days	84.0	14
##		Obamawin						
##	3368	1						
##	4097	1						
##	5030	1						
##	5685	1						
##	6279	1						
##	6508	1						
##	8145	1						
##	9096	1						

```

## 10329      1
## 11019      1
## 14080      1
## 15081      1
## 15514      1
## 16581      1
## 17324      1
## 19823      1
## 22089      1
## 22534      1
## 23426      1
## 24576      1
## 24758      1
## 25538      1
## 26960      1
## 28056      1
## 28824      1
## 32806      1
## 33331      1
## 34383      1
## 34877      1
##
## Running total is: 364
## I is: 2008-10-27
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3249    CA 2008-10-27    California  96.8      33    5.0      0
## 4303    CO 2008-10-27      Colorado  84.0      19   16.4     35
## 4829    CT 2008-10-27    Connecticut  97.1       0    2.9      0
## 5444    DC 2008-10-27 District of Columbia  97.0       0    3.0      0
## 5876    DE 2008-10-27      Delaware  95.5       0    4.5      0
## 6761    FL 2008-10-27      Florida  64.1     241   36.4    131
## 8474    HI 2008-10-27      Hawaii  97.7       0    2.3      0
## 8979    IA 2008-10-27      Iowa  92.5       9    8.1      0
## 10657   IL 2008-10-27     Illinois  95.5       0    4.5      0
## 11265   IN 2008-10-27      Indiana  50.1    1482   51.0    666
## 14082   MA 2008-10-27    Massachusetts  97.4       0    2.6      0
## 15045   MD 2008-10-27      Maryland  96.0       0    4.0      0
## 15516   ME 2008-10-27      Maine  95.9      50    3.8      0
## 16502   MI 2008-10-27      Michigan  95.9      10    5.6      3
## 16867   MN 2008-10-27      Minnesota  91.5       5    7.2      0
## 20072   NC 2008-10-27    North Carolina  64.5      89   36.5    135
## 22217   NH 2008-10-27    New Hampshire  85.5      27   12.7      0
## 22703   NJ 2008-10-27      New Jersey  96.8      75    6.9      6
## 23675   NM 2008-10-27      New Mexico  88.2       0   11.8      0
## 24377   NV 2008-10-27      Nevada  76.0      23   27.9     62
## 24886   NY 2008-10-27      New York  96.3       0    3.7      0
## 25424   OH 2008-10-27      Ohio  77.0      64   20.5    315
## 27207   OR 2008-10-27      Oregon  95.1       0    5.0      10
## 28103   PA 2008-10-27    Pennsylvania  87.2     123   16.0    100
## 28750   RI 2008-10-27    Rhode Island  95.5       0    4.5      0
## 33055   VA 2008-10-27      Virginia  82.0     225   19.0    346
## 33338   VT 2008-10-27      Vermont  95.0       0    5.0      0
## 34592   WA 2008-10-27      Washington  96.8       0    3.2      0
## 35004   WI 2008-10-27     Wisconsin  91.0       3    8.0      10

```

##	state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
## 3249	California	61	37	55	8 days	91.8	24
## 4303	Colorado	54	45	9	8 days	67.6	9
## 4829	Connecticut	61	38	7	8 days	94.2	23
## 5444	D.C.	92	7	3	8 days	94.0	85
## 5876	Delaware	62	37	3	8 days	91.0	25
## 6761	Florida	51	48	27	8 days	27.7	3
## 8474	Hawaii	72	27	4	8 days	95.4	45
## 8979	Iowa	54	44	7	8 days	84.4	10
## 10657	Illinois	62	37	21	8 days	91.0	25
## 11265	Indiana	50	49	11	8 days	-0.9	1
## 14082	Massachusetts	62	36	12	8 days	94.8	26
## 15045	Maryland	62	36	10	8 days	92.0	26
## 15516	Maine	58	40	4	8 days	92.1	18
## 16502	Michigan	57	41	17	8 days	90.3	16
## 16867	Minnesota	54	44	10	8 days	84.3	10
## 20072	North Carolina	50	49	15	8 days	28.0	1
## 22217	New Hampshire	54	45	4	8 days	72.8	9
## 22703	New Jersey	57	42	15	8 days	89.9	15
## 23675	New Mexico	57	42	5	8 days	76.4	15
## 24377	Nevada	55	43	5	8 days	48.1	12
## 24886	New York	63	36	31	8 days	92.6	27
## 25424	Ohio	51	47	20	8 days	56.5	4
## 27207	Oregon	57	40	7	8 days	90.1	17
## 28103	Pennsylvania	55	44	21	8 days	71.2	11
## 28750	Rhode Island	63	35	4	8 days	91.0	28
## 33055	Virginia	53	46	13	8 days	63.0	7
## 33338	Vermont	67	30	3	8 days	90.0	37
## 34592	Washington	58	40	11	8 days	93.6	18
## 35004	Wisconsin	56	42	10	8 days	83.0	14
##	Obamawin						
## 3249	1						
## 4303	1						
## 4829	1						
## 5444	1						
## 5876	1						
## 6761	1						
## 8474	1						
## 8979	1						
## 10657	1						
## 11265	1						
## 14082	1						
## 15045	1						
## 15516	1						
## 16502	1						
## 16867	1						
## 20072	1						
## 22217	1						
## 22703	1						
## 23675	1						
## 24377	1						
## 24886	1						
## 25424	1						
## 27207	1						


```

## 28103      1
## 28750      1
## 33055      1
## 33338      1
## 34592      1
## 35004      1
##
## Running total is: 364
## I is: 2008-09-26
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3248      CA 2008-09-26      California 93.1      3      6.9      30
## 3855      CO 2008-09-26      Colorado 68.0      57     32.1      65
## 4585      CT 2008-09-26      Connecticut 91.0      0      9.0      0
## 5565      DC 2008-09-26 District of Columbia 97.0      0      3.0      0
## 6038      DE 2008-09-26      Delaware 93.0      0      7.0      0
## 6758      FL 2008-09-26      Florida 44.0     541     56.0     295
## 7995      HI 2008-09-26      Hawaii 97.7      0      2.3      0
## 8773      IA 2008-09-26      Iowa 79.5      74     20.5      1
## 10290     IL 2008-09-26      Illinois 96.0      0      4.0      0
## 10857     IN 2008-09-26      Indiana 39.0     123     61.0      1
## 14202     MA 2008-09-26      Massachusetts 96.3      0      3.7      0
## 14798     MD 2008-09-26      Maryland 92.7      0      7.3      0
## 15269     ME 2008-09-26      Maine 89.2      13     10.8      1
## 16258     MI 2008-09-26      Michigan 72.9      2     27.1      63
## 16988     MN 2008-09-26      Minnesota 73.2      2     26.8      74
## 19826     NC 2008-09-26      North Carolina 43.5     282     56.5      57
## 21767     NH 2008-09-26      New Hampshire 54.0      9     46.0      2
## 22496     NJ 2008-09-26      New Jersey 88.6      2     11.4      10
## 23183     NM 2008-09-26      New Mexico 75.0     22     25.0      7
## 24495     NV 2008-09-26      Nevada 50.2     69     49.8      4
## 24604     NY 2008-09-26      New York 92.0     20      8.0      21
## 25868     OH 2008-09-26      Ohio 50.1     127     49.9      34
## 26842     OR 2008-09-26      Oregon 85.0     183     15.0      5
## 27692     PA 2008-09-26      Pennsylvania 72.0     65     28.0     101
## 28540     RI 2008-09-26      Rhode Island 95.0      0      5.0      0
## 32809     VA 2008-09-26      Virginia 55.0     252     45.0      75
## 33525     VT 2008-09-26      Vermont 92.5      0      7.5      0
## 34507     WA 2008-09-26      Washington 88.0      0     12.0      0
## 35002     WI 2008-09-26      Wisconsin 72.8      0     27.2      3
##
##      state.name Obama McCain EV DaysToElection obama.intmarg obama.actmarg
## 3248      California      61      37 55      39 days      86.2      24
## 3855      Colorado      54      45 9      39 days      35.9      9
## 4585      Connecticut      61      38 7      39 days      82.0      23
## 5565      D.C.      92      7 3      39 days      94.0      85
## 6038      Delaware      62      37 3      39 days      86.0      25
## 6758      Florida      51      48 27      39 days     -12.0      3
## 7995      Hawaii      72      27 4      39 days      95.4      45
## 8773      Iowa      54      44 7      39 days      59.0      10
## 10290     Illinois      62      37 21      39 days      92.0      25
## 10857     Indiana      50      49 11      39 days     -22.0      1
## 14202     Massachusetts      62      36 12      39 days      92.6      26
## 14798     Maryland      62      36 10      39 days      85.4      26
## 15269     Maine      58      40 4      39 days      78.4      18
## 16258     Michigan      57      41 17      39 days      45.8      16

```

##	16988	Minnesota	54	44	10	39 days	46.4	10
##	19826	North Carolina	50	49	15	39 days	-13.0	1
##	21767	New Hampshire	54	45	4	39 days	8.0	9
##	22496	New Jersey	57	42	15	39 days	77.2	15
##	23183	New Mexico	57	42	5	39 days	50.0	15
##	24495	Nevada	55	43	5	39 days	0.4	12
##	24604	New York	63	36	31	39 days	84.0	27
##	25868	Ohio	51	47	20	39 days	0.2	4
##	26842	Oregon	57	40	7	39 days	70.0	17
##	27692	Pennsylvania	55	44	21	39 days	44.0	11
##	28540	Rhode Island	63	35	4	39 days	90.0	28
##	32809	Virginia	53	46	13	39 days	10.0	7
##	33525	Vermont	67	30	3	39 days	85.0	37
##	34507	Washington	58	40	11	39 days	76.0	18
##	35002	Wisconsin	56	42	10	39 days	45.6	14

Obamawin

##	3248	1
##	3855	1
##	4585	1
##	5565	1
##	6038	1
##	6758	1
##	7995	1
##	8773	1
##	10290	1
##	10857	1
##	14202	1
##	14798	1
##	15269	1
##	16258	1
##	16988	1
##	19826	1
##	21767	1
##	22496	1
##	23183	1
##	24495	1
##	24604	1
##	25868	1
##	26842	1
##	27692	1
##	28540	1
##	32809	1
##	33525	1
##	34507	1
##	35002	1

##

Running total is: 364

I is: 2008-08-11

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR
##	2968	CA 2008-08-11	California	87.8	0	12.2	0
##	3940	CO 2008-08-11	Colorado	62.9	0	37.1	0
##	4791	CT 2008-08-11	Connecticut	84.8	0	15.2	0
##	5731	DC 2008-08-11	District of Columbia	96.3	0	3.7	0
##	6243	DE 2008-08-11	Delaware	88.0	0	12.0	0

##	7207	FL	2008-08-11	Florida	36.1	5	63.9	5
##	8188	HI	2008-08-11	Hawaii	95.2	0	4.8	0
##	8978	IA	2008-08-11	Iowa	72.5	0	27.5	0
##	10253	IL	2008-08-11	Illinois	95.5	0	4.5	0
##	10899	IN	2008-08-11	Indiana	35.1	0	64.9	4
##	13921	MA	2008-08-11	Massachusetts	92.5	0	7.5	0
##	14757	MD	2008-08-11	Maryland	88.0	0	12.0	0
##	15472	ME	2008-08-11	Maine	82.8	0	17.2	0
##	16137	MI	2008-08-11	Michigan	70.0	0	30.0	0
##	16826	MN	2008-08-11	Minnesota	83.5	0	16.5	0
##	20031	NC	2008-08-11	North Carolina	30.0	0	70.0	12
##	22053	NH	2008-08-11	New Hampshire	58.7	0	41.3	1
##	22661	NJ	2008-08-11	New Jersey	90.0	0	10.0	56
##	23390	NM	2008-08-11	New Mexico	72.9	0	27.1	0
##	24335	NV	2008-08-11	Nevada	51.5	0	48.5	0
##	24762	NY	2008-08-11	New York	92.0	0	8.0	0
##	25463	OH	2008-08-11	Ohio	60.5	0	39.5	0
##	27166	OR	2008-08-11	Oregon	88.0	45	12.0	0
##	27776	PA	2008-08-11	Pennsylvania	73.5	0	26.5	0
##	28384	RI	2008-08-11	Rhode Island	90.0	0	10.0	0
##	32810	VA	2008-08-11	Virginia	50.0	0	50.0	8
##	33487	VT	2008-08-11	Vermont	91.0	0	9.0	0
##	34348	WA	2008-08-11	Washington	90.3	0	9.7	0
##	35086	WI	2008-08-11	Wisconsin	78.0	3	22.0	33
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	2968	California	61	37	55	85 days	75.6	24
##	3940	Colorado	54	45	9	85 days	25.8	9
##	4791	Connecticut	61	38	7	85 days	69.6	23
##	5731	D.C.	92	7	3	85 days	92.6	85
##	6243	Delaware	62	37	3	85 days	76.0	25
##	7207	Florida	51	48	27	85 days	-27.8	3
##	8188	Hawaii	72	27	4	85 days	90.4	45
##	8978	Iowa	54	44	7	85 days	45.0	10
##	10253	Illinois	62	37	21	85 days	91.0	25
##	10899	Indiana	50	49	11	85 days	-29.8	1
##	13921	Massachusetts	62	36	12	85 days	85.0	26
##	14757	Maryland	62	36	10	85 days	76.0	26
##	15472	Maine	58	40	4	85 days	65.6	18
##	16137	Michigan	57	41	17	85 days	40.0	16
##	16826	Minnesota	54	44	10	85 days	67.0	10
##	20031	North Carolina	50	49	15	85 days	-40.0	1
##	22053	New Hampshire	54	45	4	85 days	17.4	9
##	22661	New Jersey	57	42	15	85 days	80.0	15
##	23390	New Mexico	57	42	5	85 days	45.8	15
##	24335	Nevada	55	43	5	85 days	3.0	12
##	24762	New York	63	36	31	85 days	84.0	27
##	25463	Ohio	51	47	20	85 days	21.0	4
##	27166	Oregon	57	40	7	85 days	76.0	17
##	27776	Pennsylvania	55	44	21	85 days	47.0	11
##	28384	Rhode Island	63	35	4	85 days	80.0	28
##	32810	Virginia	53	46	13	85 days	0.0	7
##	33487	Vermont	67	30	3	85 days	82.0	37
##	34348	Washington	58	40	11	85 days	80.6	18
##	35086	Wisconsin	56	42	10	85 days	56.0	14

Obamawin

2968 1
3940 1
4791 1
5731 1
6243 1
7207 1
8188 1
8978 1
10253 1
10899 1
13921 1
14757 1
15472 1
16137 1
16826 1
20031 1
22053 1
22661 1
23390 1
24335 1
24762 1
25463 1
27166 1
27776 1
28384 1
32810 1
33487 1
34348 1
35086 1

##

Running total is: 364

I is: 2008-09-19

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR
## 3255	CA	2008-09-19	California	88.8	0	11.5	0
## 3660	CO	2008-09-19	Colorado	58.0	32	45.0	10
## 4389	CT	2008-09-19	Connecticut	87.0	0	11.5	0
## 5450	DC	2008-09-19	District of Columbia	97.0	0	3.0	0
## 5815	DE	2008-09-19	Delaware	95.0	0	6.0	0
## 7009	FL	2008-09-19	Florida	38.9	98	68.9	22
## 8358	HI	2008-09-19	Hawaii	97.7	0	2.3	0
## 8983	IA	2008-09-19	Iowa	74.7	149	29.0	159
## 10541	IL	2008-09-19	Illinois	96.4	0	3.6	0
## 11028	IN	2008-09-19	Indiana	29.9	45	75.0	1
## 13968	MA	2008-09-19	Massachusetts	97.1	2	3.0	0
## 14724	MD	2008-09-19	Maryland	91.8	0	8.2	0
## 15401	ME	2008-09-19	Maine	89.6	0	9.0	0
## 16348	MI	2008-09-19	Michigan	66.8	2	35.2	0
## 17116	MN	2008-09-19	Minnesota	74.0	42	31.5	1
## 19550	NC	2008-09-19	North Carolina	27.5	85	75.0	0
## 22181	NH	2008-09-19	New Hampshire	60.0	28	42.0	5
## 22706	NJ	2008-09-19	New Jersey	85.5	0	14.0	1
## 23315	NM	2008-09-19	New Mexico	69.8	164	35.0	10
## 24259	NV	2008-09-19	Nevada	49.0	11	49.1	1

##	25134	NY	2008-09-19	New York	90.1	0	9.9	25
##	25511	OH	2008-09-19	Ohio	51.0	13	48.5	2
##	27336	OR	2008-09-19	Oregon	82.0	224	20.0	3
##	27701	PA	2008-09-19	Pennsylvania	67.0	15	33.8	85
##	28266	RI	2008-09-19	Rhode Island	95.0	0	6.8	0
##	33140	VA	2008-09-19	Virginia	49.9	4	50.2	101
##	33859	VT	2008-09-19	Vermont	92.3	0	7.7	0
##	34638	WA	2008-09-19	Washington	84.0	10	18.0	2
##	35214	WI	2008-09-19	Wisconsin	73.0	20	27.2	0
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	3255	California	61	37	55	46 days	77.3	24
##	3660	Colorado	54	45	9	46 days	13.0	9
##	4389	Connecticut	61	38	7	46 days	75.5	23
##	5450	D.C.	92	7	3	46 days	94.0	85
##	5815	Delaware	62	37	3	46 days	89.0	25
##	7009	Florida	51	48	27	46 days	-30.0	3
##	8358	Hawaii	72	27	4	46 days	95.4	45
##	8983	Iowa	54	44	7	46 days	45.7	10
##	10541	Illinois	62	37	21	46 days	92.8	25
##	11028	Indiana	50	49	11	46 days	-45.1	1
##	13968	Massachusetts	62	36	12	46 days	94.1	26
##	14724	Maryland	62	36	10	46 days	83.6	26
##	15401	Maine	58	40	4	46 days	80.6	18
##	16348	Michigan	57	41	17	46 days	31.6	16
##	17116	Minnesota	54	44	10	46 days	42.5	10
##	19550	North Carolina	50	49	15	46 days	-47.5	1
##	22181	New Hampshire	54	45	4	46 days	18.0	9
##	22706	New Jersey	57	42	15	46 days	71.5	15
##	23315	New Mexico	57	42	5	46 days	34.8	15
##	24259	Nevada	55	43	5	46 days	-0.1	12
##	25134	New York	63	36	31	46 days	80.2	27
##	25511	Ohio	51	47	20	46 days	2.5	4
##	27336	Oregon	57	40	7	46 days	62.0	17
##	27701	Pennsylvania	55	44	21	46 days	33.2	11
##	28266	Rhode Island	63	35	4	46 days	88.2	28
##	33140	Virginia	53	46	13	46 days	-0.3	7
##	33859	Vermont	67	30	3	46 days	84.6	37
##	34638	Washington	58	40	11	46 days	66.0	18
##	35214	Wisconsin	56	42	10	46 days	45.8	14
##		Obamawin						
##	3255	1						
##	3660	1						
##	4389	1						
##	5450	1						
##	5815	1						
##	7009	1						
##	8358	1						
##	8983	1						
##	10541	1						
##	11028	1						
##	13968	1						
##	14724	1						
##	15401	1						
##	16348	1						

```

## 17116      1
## 19550      1
## 22181      1
## 22706      1
## 23315      1
## 24259      1
## 25134      1
## 25511      1
## 27336      1
## 27701      1
## 28266      1
## 33140      1
## 33859      1
## 34638      1
## 35214      1
##
## Running total is: 364
## I is: 2008-09-23
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3095    CA 2008-09-23    California   91.0      26   10.0       0
## 3823    CO 2008-09-23     Colorado   61.8      41   39.1      50
## 4432    CT 2008-09-23   Connecticut   91.5       0    8.5       0
## 5533    DC 2008-09-23 District of Columbia 97.0       0    3.0       0
## 5885    DE 2008-09-23     Delaware   93.0       0    7.0       0
## 7213    FL 2008-09-23     Florida   39.5     272   62.0       6
## 7991    HI 2008-09-23     Hawaii   97.7       0    2.3       0
## 8741    IA 2008-09-23      Iowa   79.5     329   22.0      81
## 10258   IL 2008-09-23    Illinois   96.4       0    3.6       0
## 10849   IN 2008-09-23     Indiana   33.5     126   74.9     118
## 14049   MA 2008-09-23   Massachusetts 94.5       0    5.5       0
## 14685   MD 2008-09-23     Maryland   92.5       0    7.5       0
## 15209   ME 2008-09-23      Maine   93.0       2    8.5       0
## 16105   MI 2008-09-23    Michigan   67.0       3   33.0     130
## 16875   MN 2008-09-23    Minnesota   76.0       1   26.3     205
## 19673   NC 2008-09-23   North Carolina 28.4       4   71.0       22
## 21858   NH 2008-09-23   New Hampshire 59.0      33   42.9       23
## 22544   NJ 2008-09-23    New Jersey 88.8      73   12.0     115
## 23395   NM 2008-09-23    New Mexico 73.9       1   31.0     156
## 24342   NV 2008-09-23     Nevada   51.0      30   49.5       1
## 24607   NY 2008-09-23    New York   91.0       0    8.9       0
## 25715   OH 2008-09-23     Ohio   48.9      67   54.0      42
## 26850   OR 2008-09-23     Oregon   86.5       1   16.9       1
## 27552   PA 2008-09-23   Pennsylvania 67.7      10   33.3     248
## 28387   RI 2008-09-23   Rhode Island 95.0       0    5.0       0
## 32696   VA 2008-09-23     Virginia 50.0     268   52.0     171
## 33452   VT 2008-09-23     Vermont   91.5       0    8.5       0
## 34354   WA 2008-09-23    Washington 84.7      30   16.0       0
## 34849   WI 2008-09-23    Wisconsin 74.1       7   27.0      44
##
##      state.name Obama McCain EV DaysToElection obama.intmarg obama.actmarg
## 3095    California    61    37 55      42 days      81.0          24
## 3823     Colorado    54    45  9      42 days      22.7           9
## 4432   Connecticut    61    38  7      42 days      83.0          23
## 5533         D.C.    92     7  3      42 days      94.0          85
## 5885     Delaware    62    37  3      42 days      86.0          25

```

##	7213	Florida	51	48 27	42 days	-22.5	3
##	7991	Hawaii	72	27 4	42 days	95.4	45
##	8741	Iowa	54	44 7	42 days	57.5	10
##	10258	Illinois	62	37 21	42 days	92.8	25
##	10849	Indiana	50	49 11	42 days	-41.4	1
##	14049	Massachusetts	62	36 12	42 days	89.0	26
##	14685	Maryland	62	36 10	42 days	85.0	26
##	15209	Maine	58	40 4	42 days	84.5	18
##	16105	Michigan	57	41 17	42 days	34.0	16
##	16875	Minnesota	54	44 10	42 days	49.7	10
##	19673	North Carolina	50	49 15	42 days	-42.6	1
##	21858	New Hampshire	54	45 4	42 days	16.1	9
##	22544	New Jersey	57	42 15	42 days	76.8	15
##	23395	New Mexico	57	42 5	42 days	42.9	15
##	24342	Nevada	55	43 5	42 days	1.5	12
##	24607	New York	63	36 31	42 days	82.1	27
##	25715	Ohio	51	47 20	42 days	-5.1	4
##	26850	Oregon	57	40 7	42 days	69.6	17
##	27552	Pennsylvania	55	44 21	42 days	34.4	11
##	28387	Rhode Island	63	35 4	42 days	90.0	28
##	32696	Virginia	53	46 13	42 days	-2.0	7
##	33452	Vermont	67	30 3	42 days	83.0	37
##	34354	Washington	58	40 11	42 days	68.7	18
##	34849	Wisconsin	56	42 10	42 days	47.1	14
##	Obamawin						
##	3095	1					
##	3823	1					
##	4432	1					
##	5533	1					
##	5885	1					
##	7213	1					
##	7991	1					
##	8741	1					
##	10258	1					
##	10849	1					
##	14049	1					
##	14685	1					
##	15209	1					
##	16105	1					
##	16875	1					
##	19673	1					
##	21858	1					
##	22544	1					
##	23395	1					
##	24342	1					
##	24607	1					
##	25715	1					
##	26850	1					
##	27552	1					
##	28387	1					
##	32696	1					
##	33452	1					
##	34354	1					
##	34849	1					

```

##
## Running total is: 364
## I is: 2008-10-28
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 2976    CA 2008-10-28    California  96.8      0     6.0      27
## 4314    CO 2008-10-28      Colorado  87.5    114    16.0       5
## 4759    CT 2008-10-28    Connecticut  98.3     15     2.9       2
## 5455    DC 2008-10-28 District of Columbia  97.0      0     3.0       0
## 5887    DE 2008-10-28      Delaware  95.5      0     4.5       0
## 6812    FL 2008-10-28      Florida  68.7    201    34.9    209
## 8403    HI 2008-10-28      Hawaii   97.7      0     2.3       0
## 8787    IA 2008-10-28      Iowa    92.5      0     8.1       0
## 10465   IL 2008-10-28     Illinois  95.5      0     4.5       0
## 11072   IN 2008-10-28      Indiana  44.5    136    59.4    268
## 14011   MA 2008-10-28    Massachusetts  97.4      0     2.6       0
## 14853   MD 2008-10-28      Maryland  96.0      0     4.0       0
## 15446   ME 2008-10-28      Maine    95.9      0     3.8       0
## 16553   MI 2008-10-28     Michigan  94.0     10     5.6       0
## 16918   MN 2008-10-28     Minnesota  92.0      1     7.5       1
## 19759   NC 2008-10-28   North Carolina  59.0    141    41.2     64
## 22267   NH 2008-10-28   New Hampshire  86.9      7    13.0       8
## 22551   NJ 2008-10-28     New Jersey  96.8      4     5.0       0
## 23361   NM 2008-10-28     New Mexico  88.0      3    11.8      20
## 24428   NV 2008-10-28      Nevada   80.0     36    26.9     60
## 24816   NY 2008-10-28     New York   96.3      0     3.7       0
## 25435   OH 2008-10-28      Ohio    76.1     38    26.5    232
## 27258   OR 2008-10-28      Oregon   95.3      1     5.0       3
## 28154   PA 2008-10-28   Pennsylvania  86.0     47    14.9    197
## 28801   RI 2008-10-28   Rhode Island  95.5      0     4.5       9
## 32742   VA 2008-10-28      Virginia  82.0    221    18.2     91
## 33336   VT 2008-10-28      Vermont   95.0      0     5.0      55
## 34643   WA 2008-10-28     Washington  96.8      0     4.0      25
## 35055   WI 2008-10-28     Wisconsin  92.5      9     8.0       5
##      state.name Obama McCain EV DaysToElection obama.intmarg obama.actmarg
## 2976    California    61    37 55      7 days      90.8      24
## 4314     Colorado    54    45  9      7 days      71.5       9
## 4759   Connecticut    61    38  7      7 days      95.4      23
## 5455        D.C.     92     7  3      7 days      94.0      85
## 5887     Delaware    62    37  3      7 days      91.0      25
## 6812     Florida    51    48 27      7 days      33.8       3
## 8403      Hawaii    72    27  4      7 days      95.4      45
## 8787       Iowa    54    44  7      7 days      84.4      10
## 10465     Illinois    62    37 21      7 days      91.0      25
## 11072     Indiana    50    49 11      7 days     -14.9       1
## 14011  Massachusetts    62    36 12      7 days      94.8      26
## 14853     Maryland    62    36 10      7 days      92.0      26
## 15446      Maine     58    40  4      7 days      92.1      18
## 16553     Michigan    57    41 17      7 days      88.4      16
## 16918     Minnesota    54    44 10      7 days      84.5      10
## 19759  North Carolina    50    49 15      7 days      17.8       1
## 22267   New Hampshire    54    45  4      7 days      73.9       9
## 22551     New Jersey    57    42 15      7 days      91.8      15
## 23361     New Mexico    57    42  5      7 days      76.2      15
## 24428      Nevada    55    43  5      7 days      53.1      12

```


##	24816	New York	63	36	31	7 days	92.6	27
##	25435	Ohio	51	47	20	7 days	49.6	4
##	27258	Oregon	57	40	7	7 days	90.3	17
##	28154	Pennsylvania	55	44	21	7 days	71.1	11
##	28801	Rhode Island	63	35	4	7 days	91.0	28
##	32742	Virginia	53	46	13	7 days	63.8	7
##	33336	Vermont	67	30	3	7 days	90.0	37
##	34643	Washington	58	40	11	7 days	92.8	18
##	35055	Wisconsin	56	42	10	7 days	84.5	14

Obamawin

##	2976	1
##	4314	1
##	4759	1
##	5455	1
##	5887	1
##	6812	1
##	8403	1
##	8787	1
##	10465	1
##	11072	1
##	14011	1
##	14853	1
##	15446	1
##	16553	1
##	16918	1
##	19759	1
##	22267	1
##	22551	1
##	23361	1
##	24428	1
##	24816	1
##	25435	1
##	27258	1
##	28154	1
##	28801	1
##	32742	1
##	33336	1
##	34643	1
##	35055	1

##

Running total is: 364

I is: 2008-11-01

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR
##	3140	CA 2008-11-01	California	98.1	12	3.5	13
##	4318	CO 2008-11-01	Colorado	85.4	102	16.0	87
##	4923	CT 2008-11-01	Connecticut	97.7	0	2.3	0
##	5619	DC 2008-11-01	District of Columbia	97.0	0	3.0	0
##	6051	DE 2008-11-01	Delaware	97.0	0	3.0	0
##	7016	FL 2008-11-01	Florida	65.0	1121	41.0	1532
##	8607	HI 2008-11-01	Hawaii	97.7	0	2.3	0
##	8991	IA 2008-11-01	Iowa	92.0	106	8.0	225
##	10669	IL 2008-11-01	Illinois	97.0	0	3.0	0
##	11276	IN 2008-11-01	Indiana	44.0	270	59.2	217
##	14175	MA 2008-11-01	Massachusetts	97.4	0	2.6	0

##	15057	MD	2008-11-01	Maryland	97.3	0	2.7	5
##	15610	ME	2008-11-01	Maine	96.2	0	3.8	0
##	16556	MI	2008-11-01	Michigan	92.5	0	5.5	28
##	17122	MN	2008-11-01	Minnesota	93.2	0	6.0	100
##	19963	NC	2008-11-01	North Carolina	63.9	153	40.5	55
##	22391	NH	2008-11-01	New Hampshire	89.8	26	12.5	9
##	22715	NJ	2008-11-01	New Jersey	90.0	45	4.0	20
##	23565	NM	2008-11-01	New Mexico	92.1	1	15.5	48
##	24471	NV	2008-11-01	Nevada	80.0	66	24.8	15
##	24899	NY	2008-11-01	New York	97.0	0	3.4	0
##	25639	OH	2008-11-01	Ohio	75.0	2059	24.5	206
##	27422	OR	2008-11-01	Oregon	95.5	174	4.5	11
##	28184	PA	2008-11-01	Pennsylvania	86.5	232	18.0	388
##	28899	RI	2008-11-01	Rhode Island	97.0	0	3.0	0
##	32946	VA	2008-11-01	Virginia	84.0	30	20.0	183
##	33540	VT	2008-11-01	Vermont	96.3	0	3.7	0
##	34644	WA	2008-11-01	Washington	96.5	0	3.5	0
##	34813	WI	2008-11-01	Wisconsin	91.4	4	9.0	0
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	3140	California	61	37	55	3 days	94.6	24
##	4318	Colorado	54	45	9	3 days	69.4	9
##	4923	Connecticut	61	38	7	3 days	95.4	23
##	5619	D.C.	92	7	3	3 days	94.0	85
##	6051	Delaware	62	37	3	3 days	94.0	25
##	7016	Florida	51	48	27	3 days	24.0	3
##	8607	Hawaii	72	27	4	3 days	95.4	45
##	8991	Iowa	54	44	7	3 days	84.0	10
##	10669	Illinois	62	37	21	3 days	94.0	25
##	11276	Indiana	50	49	11	3 days	-15.2	1
##	14175	Massachusetts	62	36	12	3 days	94.8	26
##	15057	Maryland	62	36	10	3 days	94.6	26
##	15610	Maine	58	40	4	3 days	92.4	18
##	16556	Michigan	57	41	17	3 days	87.0	16
##	17122	Minnesota	54	44	10	3 days	87.2	10
##	19963	North Carolina	50	49	15	3 days	23.4	1
##	22391	New Hampshire	54	45	4	3 days	77.3	9
##	22715	New Jersey	57	42	15	3 days	86.0	15
##	23565	New Mexico	57	42	5	3 days	76.6	15
##	24471	Nevada	55	43	5	3 days	55.2	12
##	24899	New York	63	36	31	3 days	93.6	27
##	25639	Ohio	51	47	20	3 days	50.5	4
##	27422	Oregon	57	40	7	3 days	91.0	17
##	28184	Pennsylvania	55	44	21	3 days	68.5	11
##	28899	Rhode Island	63	35	4	3 days	94.0	28
##	32946	Virginia	53	46	13	3 days	64.0	7
##	33540	Vermont	67	30	3	3 days	92.6	37
##	34644	Washington	58	40	11	3 days	93.0	18
##	34813	Wisconsin	56	42	10	3 days	82.4	14
##		Obamawin						
##	3140	1						
##	4318	1						
##	4923	1						
##	5619	1						
##	6051	1						

```

## 7016      1
## 8607      1
## 8991      1
## 10669     1
## 11276     1
## 14175     1
## 15057     1
## 15610     1
## 16556     1
## 17122     1
## 19963     1
## 22391     1
## 22715     1
## 23565     1
## 24471     1
## 24899     1
## 25639     1
## 27422     1
## 28184     1
## 28899     1
## 32946     1
## 33540     1
## 34644     1
## 34813     1
##
## Running total is: 364
## I is: 2008-10-13
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3590    CA 2008-10-13    California  93.5      10    5.0       0
## 3995    CO 2008-10-13      Colorado  76.0      17   26.0      11
## 5049    CT 2008-10-13    Connecticut  93.8       0    3.0       0
## 5747    DC 2008-10-13 District of Columbia  97.0       0    3.0       0
## 6420    DE 2008-10-13      Delaware  95.5       0    4.5       0
## 7140    FL 2008-10-13      Florida  70.0      17   30.0     118
## 8043    HI 2008-10-13      Hawaii  97.7       0    2.3       0
## 9318    IA 2008-10-13      Iowa  88.5       0   11.5       0
## 10754   IL 2008-10-13     Illinois  96.6       0    3.4       0
## 11281   IN 2008-10-13     Indiana  43.0     148   58.6      51
## 13978   MA 2008-10-13    Massachusetts  98.3       0    1.7       0
## 15019   MD 2008-10-13      Maryland  94.3       0    5.7       0
## 15412   ME 2008-10-13      Maine  91.3       0   10.0      25
## 16479   MI 2008-10-13     Michigan  94.5       1    8.5      31
## 17248   MN 2008-10-13     Minnesota  85.0       0   15.0       0
## 19722   NC 2008-10-13   North Carolina  55.0      36   47.5      23
## 22108   NH 2008-10-13   New Hampshire  79.8      32   25.7       0
## 22514   NJ 2008-10-13     New Jersey  92.5       0    7.5       0
## 23324   NM 2008-10-13     New Mexico  85.0      40   20.8       2
## 24514   NV 2008-10-13      Nevada  70.0       5   33.9       5
## 24712   NY 2008-10-13     New York  96.5       0    3.5       0
## 25372   OH 2008-10-13      Ohio  67.0      30   30.0       4
## 27345   OR 2008-10-13      Oregon  92.8       0    7.0       0
## 28075   PA 2008-10-13   Pennsylvania  85.0      81   15.0      18
## 28762   RI 2008-10-13    Rhode Island  95.0       0    5.0       0
## 32949   VA 2008-10-13      Virginia  70.0      96   32.0      22

```

## 33583	VT 2008-10-13		Vermont	95.0	0	5.0	0
## 34688	WA 2008-10-13		Washington	93.1	0	5.9	19
## 35400	WI 2008-10-13		Wisconsin	87.0	1	11.0	0
##	state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
## 3590	California	61	37	55	22 days	88.5	24
## 3995	Colorado	54	45	9	22 days	50.0	9
## 5049	Connecticut	61	38	7	22 days	90.8	23
## 5747	D.C.	92	7	3	22 days	94.0	85
## 6420	Delaware	62	37	3	22 days	91.0	25
## 7140	Florida	51	48	27	22 days	40.0	3
## 8043	Hawaii	72	27	4	22 days	95.4	45
## 9318	Iowa	54	44	7	22 days	77.0	10
## 10754	Illinois	62	37	21	22 days	93.2	25
## 11281	Indiana	50	49	11	22 days	-15.6	1
## 13978	Massachusetts	62	36	12	22 days	96.6	26
## 15019	Maryland	62	36	10	22 days	88.6	26
## 15412	Maine	58	40	4	22 days	81.3	18
## 16479	Michigan	57	41	17	22 days	86.0	16
## 17248	Minnesota	54	44	10	22 days	70.0	10
## 19722	North Carolina	50	49	15	22 days	7.5	1
## 22108	New Hampshire	54	45	4	22 days	54.1	9
## 22514	New Jersey	57	42	15	22 days	85.0	15
## 23324	New Mexico	57	42	5	22 days	64.2	15
## 24514	Nevada	55	43	5	22 days	36.1	12
## 24712	New York	63	36	31	22 days	93.0	27
## 25372	Ohio	51	47	20	22 days	37.0	4
## 27345	Oregon	57	40	7	22 days	85.8	17
## 28075	Pennsylvania	55	44	21	22 days	70.0	11
## 28762	Rhode Island	63	35	4	22 days	90.0	28
## 32949	Virginia	53	46	13	22 days	38.0	7
## 33583	Vermont	67	30	3	22 days	90.0	37
## 34688	Washington	58	40	11	22 days	87.2	18
## 35400	Wisconsin	56	42	10	22 days	76.0	14
##	Obamawin						
## 3590	1						
## 3995	1						
## 5049	1						
## 5747	1						
## 6420	1						
## 7140	1						
## 8043	1						
## 9318	1						
## 10754	1						
## 11281	1						
## 13978	1						
## 15019	1						
## 15412	1						
## 16479	1						
## 17248	1						
## 19722	1						
## 22108	1						
## 22514	1						
## 23324	1						
## 24514	1						

```

## 24712      1
## 25372      1
## 27345      1
## 28075      1
## 28762      1
## 32949      1
## 33583      1
## 34688      1
## 35400      1
##
## Running total is: 364
## I is: 2008-09-01
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 2984    CA 2008-09-01    California  90.0      50   10.0      0
## 3713    CO 2008-09-01    Colorado   56.0       0   48.9     15
## 4360    CT 2008-09-01    Connecticut 87.5       0   12.5       0
## 5139    DC 2008-09-01 District of Columbia 96.3       0    3.7       0
## 5896    DE 2008-09-01    Delaware   95.5       0    4.5       0
## 7185    FL 2008-09-01    Florida   34.1       0   64.0    104
## 8046    HI 2008-09-01    Hawaii     97.7       0    2.3       0
## 8795    IA 2008-09-01    Iowa      75.0       0   25.0       0
## 10596   IL 2008-09-01    Illinois  94.1       0    4.0       0
## 11284   IN 2008-09-01    Indiana  18.1       0   81.9     65
## 13818   MA 2008-09-01    Massachusetts 95.0       0    5.0       0
## 14534   MD 2008-09-01    Maryland  90.0       0   10.0       0
## 15290   ME 2008-09-01    Maine    85.5       0   14.5       0
## 16441   MI 2008-09-01    Michigan  70.0       1   30.0       0
## 16927   MN 2008-09-01    Minnesota 76.5       0   23.5       5
## 19766   NC 2008-09-01    North Carolina 25.0       0   75.0       0
## 22033   NH 2008-09-01    New Hampshire 57.0       1   43.0       0
## 22517   NJ 2008-09-01    New Jersey  87.5       0   12.5       0
## 23368   NM 2008-09-01    New Mexico 66.5       0   33.5       1
## 24070   NV 2008-09-01    Nevada    45.5     58   55.0       5
## 24821   NY 2008-09-01    New York  91.3       0    8.7       0
## 25442   OH 2008-09-01    Ohio     52.5       0   47.5       0
## 27023   OR 2008-09-01    Oregon   88.1       0   12.0       0
## 27633   PA 2008-09-01    Pennsylvania 75.0       5   25.0       2
## 28361   RI 2008-09-01    Rhode Island 90.0       0   10.0       0
## 33236   VA 2008-09-01    Virginia  47.6     38   55.0    160
## 33914   VT 2008-09-01    Vermont   88.3       0   11.7       0
## 34707   WA 2008-09-01    Washington 90.0       0    9.5       0
## 35065   WI 2008-09-01    Wisconsin 75.0       0   22.0       8
##
##      state.name Obama McCain EV DaysToElection obama.intmarg obama.actmarg
## 2984    California    61    37 55      64 days      80.0      24
## 3713     Colorado    54    45 9      64 days       7.1       9
## 4360   Connecticut    61    38 7      64 days      75.0     23
## 5139        D.C.     92     7 3      64 days     92.6     85
## 5896     Delaware    62    37 3      64 days     91.0     25
## 7185     Florida    51    48 27     64 days    -29.9       3
## 8046     Hawaii     72    27 4      64 days     95.4     45
## 8795      Iowa     54    44 7      64 days     50.0     10
## 10596    Illinois    62    37 21     64 days     90.1     25
## 11284    Indiana    50    49 11     64 days    -63.8       1
## 13818  Massachusetts    62    36 12     64 days     90.0     26

```

##	14534	Maryland	62	36	10	64 days	80.0	26
##	15290	Maine	58	40	4	64 days	71.0	18
##	16441	Michigan	57	41	17	64 days	40.0	16
##	16927	Minnesota	54	44	10	64 days	53.0	10
##	19766	North Carolina	50	49	15	64 days	-50.0	1
##	22033	New Hampshire	54	45	4	64 days	14.0	9
##	22517	New Jersey	57	42	15	64 days	75.0	15
##	23368	New Mexico	57	42	5	64 days	33.0	15
##	24070	Nevada	55	43	5	64 days	-9.5	12
##	24821	New York	63	36	31	64 days	82.6	27
##	25442	Ohio	51	47	20	64 days	5.0	4
##	27023	Oregon	57	40	7	64 days	76.1	17
##	27633	Pennsylvania	55	44	21	64 days	50.0	11
##	28361	Rhode Island	63	35	4	64 days	80.0	28
##	33236	Virginia	53	46	13	64 days	-7.4	7
##	33914	Vermont	67	30	3	64 days	76.6	37
##	34707	Washington	58	40	11	64 days	80.5	18
##	35065	Wisconsin	56	42	10	64 days	53.0	14

Obamawin

##	2984	1
##	3713	1
##	4360	1
##	5139	1
##	5896	1
##	7185	1
##	8046	1
##	8795	1
##	10596	1
##	11284	1
##	13818	1
##	14534	1
##	15290	1
##	16441	1
##	16927	1
##	19766	1
##	22033	1
##	22517	1
##	23368	1
##	24070	1
##	24821	1
##	25442	1
##	27023	1
##	27633	1
##	28361	1
##	33236	1
##	33914	1
##	34707	1
##	35065	1

##

Running total is: 364

I is: 2008-09-17

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR
##	3153	CA	2008-09-17	California	88.1	46	13.0 35
##	3760	CO	2008-09-17	Colorado	54.9	50	46.0 49

##	4489	CT	2008-09-17	Connecticut	86.5	0	11.5	11
##	5469	DC	2008-09-17	District of Columbia	97.0	0	3.0	0
##	5942	DE	2008-09-17	Delaware	95.0	0	6.0	0
##	6907	FL	2008-09-17	Florida	30.0	224	70.0	154
##	8256	HI	2008-09-17	Hawaii	97.7	0	2.3	0
##	8881	IA	2008-09-17	Iowa	74.0	82	26.0	160
##	10439	IL	2008-09-17	Illinois	96.4	0	3.6	0
##	10926	IN	2008-09-17	Indiana	22.0	59	80.0	16
##	13987	MA	2008-09-17	Massachusetts	97.0	0	3.0	0
##	14622	MD	2008-09-17	Maryland	91.8	0	8.2	0
##	15299	ME	2008-09-17	Maine	89.6	0	10.4	0
##	16367	MI	2008-09-17	Michigan	67.0	10	35.0	11
##	17135	MN	2008-09-17	Minnesota	68.6	35	31.3	40
##	19540	NC	2008-09-17	North Carolina	19.9	202	84.5	132
##	22119	NH	2008-09-17	New Hampshire	56.5	44	43.5	1
##	22604	NJ	2008-09-17	New Jersey	85.0	0	19.0	24
##	23253	NM	2008-09-17	New Mexico	61.0	13	39.9	22
##	24278	NV	2008-09-17	Nevada	45.0	299	57.5	30
##	25032	NY	2008-09-17	New York	86.9	17	11.0	47
##	25409	OH	2008-09-17	Ohio	42.5	267	59.5	170
##	27355	OR	2008-09-17	Oregon	82.4	24	16.2	5
##	27841	PA	2008-09-17	Pennsylvania	68.0	8	36.0	68
##	28447	RI	2008-09-17	Rhode Island	93.2	0	6.8	0
##	33078	VA	2008-09-17	Virginia	49.0	81	57.0	52
##	33797	VT	2008-09-17	Vermont	92.3	0	7.7	10
##	34717	WA	2008-09-17	Washington	82.8	0	18.0	51
##	35152	WI	2008-09-17	Wisconsin	76.0	2	26.2	1
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	3153	California	61	37	55	48 days	75.1	24
##	3760	Colorado	54	45	9	48 days	8.9	9
##	4489	Connecticut	61	38	7	48 days	75.0	23
##	5469	D.C.	92	7	3	48 days	94.0	85
##	5942	Delaware	62	37	3	48 days	89.0	25
##	6907	Florida	51	48	27	48 days	-40.0	3
##	8256	Hawaii	72	27	4	48 days	95.4	45
##	8881	Iowa	54	44	7	48 days	48.0	10
##	10439	Illinois	62	37	21	48 days	92.8	25
##	10926	Indiana	50	49	11	48 days	-58.0	1
##	13987	Massachusetts	62	36	12	48 days	94.0	26
##	14622	Maryland	62	36	10	48 days	83.6	26
##	15299	Maine	58	40	4	48 days	79.2	18
##	16367	Michigan	57	41	17	48 days	32.0	16
##	17135	Minnesota	54	44	10	48 days	37.3	10
##	19540	North Carolina	50	49	15	48 days	-64.6	1
##	22119	New Hampshire	54	45	4	48 days	13.0	9
##	22604	New Jersey	57	42	15	48 days	66.0	15
##	23253	New Mexico	57	42	5	48 days	21.1	15
##	24278	Nevada	55	43	5	48 days	-12.5	12
##	25032	New York	63	36	31	48 days	75.9	27
##	25409	Ohio	51	47	20	48 days	-17.0	4
##	27355	Oregon	57	40	7	48 days	66.2	17
##	27841	Pennsylvania	55	44	21	48 days	32.0	11
##	28447	Rhode Island	63	35	4	48 days	86.4	28
##	33078	Virginia	53	46	13	48 days	-8.0	7

```

## 33797      Vermont      67      30  3      48 days      84.6      37
## 34717      Washington    58      40 11      48 days      64.8      18
## 35152      Wisconsin    56      42 10      48 days      49.8      14
##      Obamawin
## 3153      1
## 3760      1
## 4489      1
## 5469      1
## 5942      1
## 6907      1
## 8256      1
## 8881      1
## 10439     1
## 10926     1
## 13987     1
## 14622     1
## 15299     1
## 16367     1
## 17135     1
## 19540     1
## 22119     1
## 22604     1
## 23253     1
## 24278     1
## 25032     1
## 25409     1
## 27355     1
## 27841     1
## 28447     1
## 33078     1
## 33797     1
## 34717     1
## 35152     1
##
## Running total is: 364
## I is: 2008-10-14
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3317      CA 2008-10-14      California 95.5      0      4.5      0
## 4046      CO 2008-10-14      Colorado 80.0     16     20.0     91
## 4979      CT 2008-10-14      Connecticut 93.8      0      6.2      0
## 5634      DC 2008-10-14 District of Columbia 97.0      0      3.0      0
## 6228      DE 2008-10-14      Delaware 95.5      0      4.5      0
## 7191      FL 2008-10-14      Florida 72.0     39     28.0    264
## 8094      HI 2008-10-14      Hawaii 97.7      0      2.3      0
## 9045      IA 2008-10-14      Iowa 89.0     30     11.0      0
## 10278     IL 2008-10-14      Illinois 97.1      0      2.9      0
## 11008     IN 2008-10-14      Indiana 46.0    319     54.0    201
## 14029     MA 2008-10-14      Massachusetts 98.3      0      1.7      0
## 15070     MD 2008-10-14      Maryland 94.3      0      5.7      0
## 15463     ME 2008-10-14      Maine 91.0      0      9.0      7
## 16530     MI 2008-10-14      Michigan 93.5      4      6.5      3
## 17299     MN 2008-10-14      Minnesota 87.0     16     13.0      1
## 19773     NC 2008-10-14      North Carolina 56.0    111     44.0     48
## 22038     NH 2008-10-14      New Hampshire 77.0     71     23.0      0

```


##	22483	NJ	2008-10-14	New Jersey	93.0	0	7.0	0
##	23375	NM	2008-10-14	New Mexico	83.0	17	17.0	3
##	24539	NV	2008-10-14	Nevada	75.8	5	24.2	0
##	24750	NY	2008-10-14	New York	97.1	0	2.9	0
##	25410	OH	2008-10-14	Ohio	70.0	54	30.0	81
##	27396	OR	2008-10-14	Oregon	93.4	45	6.6	0
##	28126	PA	2008-10-14	Pennsylvania	88.3	38	11.7	0
##	28813	RI	2008-10-14	Rhode Island	95.0	0	5.0	0
##	33000	VA	2008-10-14	Virginia	72.0	269	28.0	259
##	33594	VT	2008-10-14	Vermont	95.0	0	5.0	0
##	34659	WA	2008-10-14	Washington	95.0	0	5.0	0
##	34826	WI	2008-10-14	Wisconsin	89.9	20	10.1	0
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	3317	California	61	37	55	21 days	91.0	24
##	4046	Colorado	54	45	9	21 days	60.0	9
##	4979	Connecticut	61	38	7	21 days	87.6	23
##	5634	D.C.	92	7	3	21 days	94.0	85
##	6228	Delaware	62	37	3	21 days	91.0	25
##	7191	Florida	51	48	27	21 days	44.0	3
##	8094	Hawaii	72	27	4	21 days	95.4	45
##	9045	Iowa	54	44	7	21 days	78.0	10
##	10278	Illinois	62	37	21	21 days	94.2	25
##	11008	Indiana	50	49	11	21 days	-8.0	1
##	14029	Massachusetts	62	36	12	21 days	96.6	26
##	15070	Maryland	62	36	10	21 days	88.6	26
##	15463	Maine	58	40	4	21 days	82.0	18
##	16530	Michigan	57	41	17	21 days	87.0	16
##	17299	Minnesota	54	44	10	21 days	74.0	10
##	19773	North Carolina	50	49	15	21 days	12.0	1
##	22038	New Hampshire	54	45	4	21 days	54.0	9
##	22483	New Jersey	57	42	15	21 days	86.0	15
##	23375	New Mexico	57	42	5	21 days	66.0	15
##	24539	Nevada	55	43	5	21 days	51.6	12
##	24750	New York	63	36	31	21 days	94.2	27
##	25410	Ohio	51	47	20	21 days	40.0	4
##	27396	Oregon	57	40	7	21 days	86.8	17
##	28126	Pennsylvania	55	44	21	21 days	76.6	11
##	28813	Rhode Island	63	35	4	21 days	90.0	28
##	33000	Virginia	53	46	13	21 days	44.0	7
##	33594	Vermont	67	30	3	21 days	90.0	37
##	34659	Washington	58	40	11	21 days	90.0	18
##	34826	Wisconsin	56	42	10	21 days	79.8	14
##		Obamawin						
##	3317	1						
##	4046	1						
##	4979	1						
##	5634	1						
##	6228	1						
##	7191	1						
##	8094	1						
##	9045	1						
##	10278	1						
##	11008	1						
##	14029	1						

```

## 15070      1
## 15463      1
## 16530      1
## 17299      1
## 19773      1
## 22038      1
## 22483      1
## 23375      1
## 24539      1
## 24750      1
## 25410      1
## 27396      1
## 28126      1
## 28813      1
## 33000      1
## 33594      1
## 34659      1
## 34826      1
##
## Running total is: 364
## I is: 2008-09-25
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3197    CA 2008-09-25    California   91.0        0    8.0        0
## 3804    CO 2008-09-25     Colorado   66.5       53   35.0       131
## 4534    CT 2008-09-25   Connecticut   91.5        0    8.8        0
## 5514    DC 2008-09-25 District of Columbia 97.0        0    3.0        0
## 5987    DE 2008-09-25     Delaware   93.0        0    7.0        0
## 6707    FL 2008-09-25     Florida   43.4      522   57.0       241
## 7984    HI 2008-09-25     Hawaii   97.7        0    2.3        0
## 8762    IA 2008-09-25      Iowa   78.1       35   20.5        32
## 10239   IL 2008-09-25    Illinois   96.4        0    3.6        0
## 10872   IN 2008-09-25     Indiana   40.0     157   65.5       111
## 14151   MA 2008-09-25 Massachusetts 94.5        0    4.9        0
## 14747   MD 2008-09-25     Maryland   92.5        0    7.5        0
## 15258   ME 2008-09-25      Maine   93.0        0   10.9         6
## 16207   MI 2008-09-25     Michigan   73.0       11   28.9       326
## 16937   MN 2008-09-25     Minnesota  78.7        1   26.3        55
## 19775   NC 2008-09-25   North Carolina 40.4     495   61.1        71
## 21769   NH 2008-09-25   New Hampshire 55.0       36   45.0        20
## 22485   NJ 2008-09-25     New Jersey 88.1        0   10.6         6
## 23162   NM 2008-09-25     New Mexico 75.0     107   27.9       162
## 24444   NV 2008-09-25      Nevada   50.1       36   49.7         0
## 24618   NY 2008-09-25     New York   92.0        6    8.9        25
## 25817   OH 2008-09-25      Ohio   52.4     344   45.5       423
## 26912   OR 2008-09-25      Oregon   85.0       18   14.5        31
## 27641   PA 2008-09-25   Pennsylvania 73.0       37   27.1        53
## 28489   RI 2008-09-25   Rhode Island 95.0        0    5.0         0
## 32758   VA 2008-09-25     Virginia 54.8     374   46.1        12
## 33474   VT 2008-09-25     Vermont   91.5        0    8.5         0
## 34456   WA 2008-09-25     Washington 90.0        1   14.1        20
## 34951   WI 2008-09-25    Wisconsin  74.5        0   26.1         5
##
##      state.name Obama McCain EV DaysToElection obama.intmarg obama.actmarg
## 3197    California    61    37 55         40 days         83.0         24
## 3804     Colorado    54    45  9         40 days         31.5         9

```

## 4534	Connecticut	61	38	7	40 days	82.7	23
## 5514	D.C.	92	7	3	40 days	94.0	85
## 5987	Delaware	62	37	3	40 days	86.0	25
## 6707	Florida	51	48	27	40 days	-13.6	3
## 7984	Hawaii	72	27	4	40 days	95.4	45
## 8762	Iowa	54	44	7	40 days	57.6	10
## 10239	Illinois	62	37	21	40 days	92.8	25
## 10872	Indiana	50	49	11	40 days	-25.5	1
## 14151	Massachusetts	62	36	12	40 days	89.6	26
## 14747	Maryland	62	36	10	40 days	85.0	26
## 15258	Maine	58	40	4	40 days	82.1	18
## 16207	Michigan	57	41	17	40 days	44.1	16
## 16937	Minnesota	54	44	10	40 days	52.4	10
## 19775	North Carolina	50	49	15	40 days	-20.7	1
## 21769	New Hampshire	54	45	4	40 days	10.0	9
## 22485	New Jersey	57	42	15	40 days	77.5	15
## 23162	New Mexico	57	42	5	40 days	47.1	15
## 24444	Nevada	55	43	5	40 days	0.4	12
## 24618	New York	63	36	31	40 days	83.1	27
## 25817	Ohio	51	47	20	40 days	6.9	4
## 26912	Oregon	57	40	7	40 days	70.5	17
## 27641	Pennsylvania	55	44	21	40 days	45.9	11
## 28489	Rhode Island	63	35	4	40 days	90.0	28
## 32758	Virginia	53	46	13	40 days	8.7	7
## 33474	Vermont	67	30	3	40 days	83.0	37
## 34456	Washington	58	40	11	40 days	75.9	18
## 34951	Wisconsin	56	42	10	40 days	48.4	14
##	Obamawin						
## 3197	1						
## 3804	1						
## 4534	1						
## 5514	1						
## 5987	1						
## 6707	1						
## 7984	1						
## 8762	1						
## 10239	1						
## 10872	1						
## 14151	1						
## 14747	1						
## 15258	1						
## 16207	1						
## 16937	1						
## 19775	1						
## 21769	1						
## 22485	1						
## 23162	1						
## 24444	1						
## 24618	1						
## 25817	1						
## 26912	1						
## 27641	1						
## 28489	1						
## 32758	1						

```

## 33474      1
## 34456      1
## 34951      1
##
## Running total is: 364
## I is: 2008-10-31
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3089      CA 2008-10-31      California 96.5      0      3.5      0
## 4334      CO 2008-10-31      Colorado 86.5      57     16.0     13
## 4872      CT 2008-10-31      Connecticut 97.7      0      2.3      0
## 5568      DC 2008-10-31 District of Columbia 97.0      0      3.0      0
## 6000      DE 2008-10-31      Delaware 97.0      0      3.0      0
## 6965      FL 2008-10-31      Florida 68.5     1073     33.8    1639
## 8556      HI 2008-10-31      Hawaii 97.7      0      2.3      0
## 8940      IA 2008-10-31      Iowa 93.0      11      8.0      7
## 10618     IL 2008-10-31      Illinois 97.0      0      3.0      0
## 11225     IN 2008-10-31      Indiana 38.0     242     64.9     432
## 14164     MA 2008-10-31      Massachusetts 97.4      0      2.6      0
## 15006     MD 2008-10-31      Maryland 97.3      0      2.7      0
## 15599     ME 2008-10-31      Maine 96.2      0      3.8      0
## 16545     MI 2008-10-31      Michigan 92.5      0      5.5      31
## 17071     MN 2008-10-31      Minnesota 93.2      17      6.0      27
## 19912     NC 2008-10-31      North Carolina 66.9     539     37.0     571
## 22380     NH 2008-10-31      New Hampshire 90.0     222     12.5      14
## 22704     NJ 2008-10-31      New Jersey 94.8      0      4.0      40
## 23514     NM 2008-10-31      New Mexico 90.0      4     12.5      11
## 24568     NV 2008-10-31      Nevada 82.0     173     20.0      64
## 24969     NY 2008-10-31      New York 97.0      1      3.4      0
## 25588     OH 2008-10-31      Ohio 82.3     369     24.8     439
## 27371     OR 2008-10-31      Oregon 95.5      0      4.5      0
## 28186     PA 2008-10-31      Pennsylvania 89.0     571     12.0     769
## 28874     RI 2008-10-31      Rhode Island 97.0      0      3.0      0
## 32895     VA 2008-10-31      Virginia 84.9     232     18.5     308
## 33489     VT 2008-10-31      Vermont 96.3      0      3.7      0
## 34593     WA 2008-10-31      Washington 96.5      0      3.5      0
## 34762     WI 2008-10-31      Wisconsin 91.4      14      9.0     101
##
##      state.name Obama McCain EV DaysToElection obama.intmarg obama.actmarg
## 3089      California      61      37 55      4 days      93.0      24
## 4334      Colorado      54      45 9      4 days      70.5      9
## 4872      Connecticut      61      38 7      4 days      95.4      23
## 5568      D.C.      92      7 3      4 days      94.0      85
## 6000      Delaware      62      37 3      4 days      94.0      25
## 6965      Florida      51      48 27      4 days      34.7      3
## 8556      Hawaii      72      27 4      4 days      95.4      45
## 8940      Iowa      54      44 7      4 days      85.0      10
## 10618     Illinois      62      37 21      4 days      94.0      25
## 11225     Indiana      50      49 11      4 days     -26.9      1
## 14164     Massachusetts      62      36 12      4 days      94.8      26
## 15006     Maryland      62      36 10      4 days      94.6      26
## 15599     Maine      58      40 4      4 days      92.4      18
## 16545     Michigan      57      41 17      4 days      87.0      16
## 17071     Minnesota      54      44 10      4 days      87.2      10
## 19912     North Carolina      50      49 15      4 days      29.9      1
## 22380     New Hampshire      54      45 4      4 days      77.5      9

```

##	22704	New Jersey	57	42 15	4 days	90.8	15
##	23514	New Mexico	57	42 5	4 days	77.5	15
##	24568	Nevada	55	43 5	4 days	62.0	12
##	24969	New York	63	36 31	4 days	93.6	27
##	25588	Ohio	51	47 20	4 days	57.5	4
##	27371	Oregon	57	40 7	4 days	91.0	17
##	28186	Pennsylvania	55	44 21	4 days	77.0	11
##	28874	Rhode Island	63	35 4	4 days	94.0	28
##	32895	Virginia	53	46 13	4 days	66.4	7
##	33489	Vermont	67	30 3	4 days	92.6	37
##	34593	Washington	58	40 11	4 days	93.0	18
##	34762	Wisconsin	56	42 10	4 days	82.4	14

Obamawin

##	3089	1
##	4334	1
##	4872	1
##	5568	1
##	6000	1
##	6965	1
##	8556	1
##	8940	1
##	10618	1
##	11225	1
##	14164	1
##	15006	1
##	15599	1
##	16545	1
##	17071	1
##	19912	1
##	22380	1
##	22704	1
##	23514	1
##	24568	1
##	24969	1
##	25588	1
##	27371	1
##	28186	1
##	28874	1
##	32895	1
##	33489	1
##	34593	1
##	34762	1

##

Running total is: 364

I is: 2008-08-15

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR
##	3172	CA 2008-08-15	California	87.0	1	11.5	0
##	4144	CO 2008-08-15	Colorado	61.0	0	39.0	0
##	4955	CT 2008-08-15	Connecticut	90.0	1	10.0	0
##	5775	DC 2008-08-15	District of Columbia	96.3	0	3.7	0
##	6326	DE 2008-08-15	Delaware	90.0	1	12.0	0
##	6560	FL 2008-08-15	Florida	36.2	21	64.9	22
##	8392	HI 2008-08-15	Hawaii	95.2	0	4.8	0
##	9021	IA 2008-08-15	Iowa	76.9	2	25.0	0

##	10336	IL	2008-08-15	Illinois	95.5	0	4.5	0
##	10942	IN	2008-08-15	Indiana	34.3	0	66.5	1
##	13883	MA	2008-08-15	Massachusetts	92.5	0	7.5	0
##	14638	MD	2008-08-15	Maryland	90.5	0	9.5	0
##	15205	ME	2008-08-15	Maine	83.0	0	15.0	1
##	16180	MI	2008-08-15	Michigan	66.0	1	34.9	5
##	17030	MN	2008-08-15	Minnesota	83.0	0	17.0	0
##	19626	NC	2008-08-15	North Carolina	28.0	2	74.0	10
##	22015	NH	2008-08-15	New Hampshire	60.5	0	39.5	0
##	22499	NJ	2008-08-15	New Jersey	88.0	0	12.0	0
##	23163	NM	2008-08-15	New Mexico	72.5	0	26.0	0
##	24295	NV	2008-08-15	Nevada	47.5	0	54.0	1
##	24845	NY	2008-08-15	New York	94.0	6	8.0	0
##	25355	OH	2008-08-15	Ohio	60.0	0	40.0	0
##	27249	OR	2008-08-15	Oregon	89.0	0	11.0	1
##	27980	PA	2008-08-15	Pennsylvania	74.1	0	26.0	0
##	28346	RI	2008-08-15	Rhode Island	90.0	0	10.0	0
##	32974	VA	2008-08-15	Virginia	54.0	0	46.0	0
##	33691	VT	2008-08-15	Vermont	90.7	0	10.0	1
##	34552	WA	2008-08-15	Washington	90.3	0	9.7	0
##	35290	WI	2008-08-15	Wisconsin	77.5	0	23.0	1
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	3172	California	61	37	55	81 days	75.5	24
##	4144	Colorado	54	45	9	81 days	22.0	9
##	4955	Connecticut	61	38	7	81 days	80.0	23
##	5775	D.C.	92	7	3	81 days	92.6	85
##	6326	Delaware	62	37	3	81 days	78.0	25
##	6560	Florida	51	48	27	81 days	-28.7	3
##	8392	Hawaii	72	27	4	81 days	90.4	45
##	9021	Iowa	54	44	7	81 days	51.9	10
##	10336	Illinois	62	37	21	81 days	91.0	25
##	10942	Indiana	50	49	11	81 days	-32.2	1
##	13883	Massachusetts	62	36	12	81 days	85.0	26
##	14638	Maryland	62	36	10	81 days	81.0	26
##	15205	Maine	58	40	4	81 days	68.0	18
##	16180	Michigan	57	41	17	81 days	31.1	16
##	17030	Minnesota	54	44	10	81 days	66.0	10
##	19626	North Carolina	50	49	15	81 days	-46.0	1
##	22015	New Hampshire	54	45	4	81 days	21.0	9
##	22499	New Jersey	57	42	15	81 days	76.0	15
##	23163	New Mexico	57	42	5	81 days	46.5	15
##	24295	Nevada	55	43	5	81 days	-6.5	12
##	24845	New York	63	36	31	81 days	86.0	27
##	25355	Ohio	51	47	20	81 days	20.0	4
##	27249	Oregon	57	40	7	81 days	78.0	17
##	27980	Pennsylvania	55	44	21	81 days	48.1	11
##	28346	Rhode Island	63	35	4	81 days	80.0	28
##	32974	Virginia	53	46	13	81 days	8.0	7
##	33691	Vermont	67	30	3	81 days	80.7	37
##	34552	Washington	58	40	11	81 days	80.6	18
##	35290	Wisconsin	56	42	10	81 days	54.5	14
##		Obamawin						
##	3172	1						
##	4144	1						

```

## 4955      1
## 5775      1
## 6326      1
## 6560      1
## 8392      1
## 9021      1
## 10336     1
## 10942     1
## 13883     1
## 14638     1
## 15205     1
## 16180     1
## 17030     1
## 19626     1
## 22015     1
## 22499     1
## 23163     1
## 24295     1
## 24845     1
## 25355     1
## 27249     1
## 27980     1
## 28346     1
## 32974     1
## 33691     1
## 34552     1
## 35290     1

```

```
##
```

```
## Running total is: 364
```

```
## I is: 2008-09-24
```

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR
## 3146	CA	2008-09-24	California	91.0	1	8.0	5
## 3874	CO	2008-09-24	Colorado	64.0	58	36.2	14
## 4483	CT	2008-09-24	Connecticut	91.5	0	8.5	0
## 5584	DC	2008-09-24	District of Columbia	97.0	0	3.0	0
## 5936	DE	2008-09-24	Delaware	93.0	0	7.0	0
## 6656	FL	2008-09-24	Florida	39.1	122	60.0	32
## 8042	HI	2008-09-24	Hawaii	97.7	0	2.3	0
## 8752	IA	2008-09-24	Iowa	78.0	46	21.9	123
## 10309	IL	2008-09-24	Illinois	96.4	0	3.6	0
## 10861	IN	2008-09-24	Indiana	34.2	2	72.0	1
## 14100	MA	2008-09-24	Massachusetts	94.5	0	5.5	0
## 14696	MD	2008-09-24	Maryland	92.5	0	7.5	0
## 15220	ME	2008-09-24	Maine	93.0	0	8.5	0
## 16156	MI	2008-09-24	Michigan	67.1	19	30.5	33
## 16886	MN	2008-09-24	Minnesota	78.9	37	26.3	68
## 19724	NC	2008-09-24	North Carolina	31.7	228	65.0	127
## 21771	NH	2008-09-24	New Hampshire	55.0	77	49.0	60
## 22447	NJ	2008-09-24	New Jersey	88.1	1	12.0	0
## 23155	NM	2008-09-24	New Mexico	71.0	33	28.0	25
## 24393	NV	2008-09-24	Nevada	51.8	44	49.7	118
## 24615	NY	2008-09-24	New York	91.1	8	8.9	0
## 25766	OH	2008-09-24	Ohio	48.5	60	53.0	111
## 26861	OR	2008-09-24	Oregon	86.5	0	16.9	0

##	27590	PA	2008-09-24	Pennsylvania	68.0	238	32.0	161
##	28438	RI	2008-09-24	Rhode Island	95.0	0	5.0	0
##	32747	VA	2008-09-24	Virginia	50.0	90	49.5	90
##	33503	VT	2008-09-24	Vermont	91.5	0	8.5	0
##	34405	WA	2008-09-24	Washington	84.7	0	16.0	0
##	34900	WI	2008-09-24	Wisconsin	74.5	48	26.1	28
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	3146	California	61	37	55	41 days	83.0	24
##	3874	Colorado	54	45	9	41 days	27.8	9
##	4483	Connecticut	61	38	7	41 days	83.0	23
##	5584	D.C.	92	7	3	41 days	94.0	85
##	5936	Delaware	62	37	3	41 days	86.0	25
##	6656	Florida	51	48	27	41 days	-20.9	3
##	8042	Hawaii	72	27	4	41 days	95.4	45
##	8752	Iowa	54	44	7	41 days	56.1	10
##	10309	Illinois	62	37	21	41 days	92.8	25
##	10861	Indiana	50	49	11	41 days	-37.8	1
##	14100	Massachusetts	62	36	12	41 days	89.0	26
##	14696	Maryland	62	36	10	41 days	85.0	26
##	15220	Maine	58	40	4	41 days	84.5	18
##	16156	Michigan	57	41	17	41 days	36.6	16
##	16886	Minnesota	54	44	10	41 days	52.6	10
##	19724	North Carolina	50	49	15	41 days	-33.3	1
##	21771	New Hampshire	54	45	4	41 days	6.0	9
##	22447	New Jersey	57	42	15	41 days	76.1	15
##	23155	New Mexico	57	42	5	41 days	43.0	15
##	24393	Nevada	55	43	5	41 days	2.1	12
##	24615	New York	63	36	31	41 days	82.2	27
##	25766	Ohio	51	47	20	41 days	-4.5	4
##	26861	Oregon	57	40	7	41 days	69.6	17
##	27590	Pennsylvania	55	44	21	41 days	36.0	11
##	28438	Rhode Island	63	35	4	41 days	90.0	28
##	32747	Virginia	53	46	13	41 days	0.5	7
##	33503	Vermont	67	30	3	41 days	83.0	37
##	34405	Washington	58	40	11	41 days	68.7	18
##	34900	Wisconsin	56	42	10	41 days	48.4	14
##		Obamawin						
##	3146	1						
##	3874	1						
##	4483	1						
##	5584	1						
##	5936	1						
##	6656	1						
##	8042	1						
##	8752	1						
##	10309	1						
##	10861	1						
##	14100	1						
##	14696	1						
##	15220	1						
##	16156	1						
##	16886	1						
##	19724	1						
##	21771	1						


```

## 22447      1
## 23155      1
## 24393      1
## 24615      1
## 25766      1
## 26861      1
## 27590      1
## 28438      1
## 32747      1
## 33503      1
## 34405      1
## 34900      1
##
## Running total is: 364
## I is: 2008-08-31
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3257    CA 2008-08-31    California   90.0      29   10.0      134
## 3987    CO 2008-08-31      Colorado   56.0       0   44.0       0
## 4716    CT 2008-08-31    Connecticut   87.5       0   12.5       0
## 5452    DC 2008-08-31 District of Columbia 96.3       0    3.7       0
## 6412    DE 2008-08-31      Delaware   95.5       0    4.5       0
## 7134    FL 2008-08-31      Florida   34.1       0   65.9      89
## 8481    HI 2008-08-31      Hawaii   97.7       0    2.3       0
## 9109    IA 2008-08-31       Iowa   75.0       0   25.0       5
## 10748   IL 2008-08-31     Illinois   94.1       1    4.0       0
## 11517   IN 2008-08-31     Indiana   18.1       0   81.9       1
## 14213   MA 2008-08-31    Massachusetts 95.0       0    5.0       0
## 15011   MD 2008-08-31      Maryland   90.0       0   10.0       0
## 15524   ME 2008-08-31      Maine    85.5       0   14.5       0
## 16472   MI 2008-08-31     Michigan   70.0       0   30.0      54
## 17282   MN 2008-08-31     Minnesota   76.5      20   23.5       0
## 19715   NC 2008-08-31   North Carolina 25.0       0   75.0       0
## 21982   NH 2008-08-31   New Hampshire 57.0       0   43.0       0
## 22587   NJ 2008-08-31     New Jersey 87.5       0   12.5       5
## 23317   NM 2008-08-31     New Mexico 66.5       0   33.5       0
## 24505   NV 2008-08-31      Nevada   45.5       0   54.5       0
## 24770   NY 2008-08-31     New York   91.3       0    8.7      40
## 25391   OH 2008-08-31      Ohio    52.5       0   47.5       0
## 26972   OR 2008-08-31      Oregon   88.1       9   12.0       0
## 27703   PA 2008-08-31    Pennsylvania 75.0       0   25.0      65
## 28311   RI 2008-08-31    Rhode Island 90.0       0   10.0       0
## 32820   VA 2008-08-31      Virginia 49.9      18   50.1      44
## 33658   VT 2008-08-31      Vermont   88.3       0   11.7       0
## 34682   WA 2008-08-31     Washington 90.0       1    9.5       0
## 35014   WI 2008-08-31     Wisconsin 75.0       0   25.0       0
##
##      state.name Obama McCain EV DaysToElection obama.intmarg obama.actmarg
## 3257    California    61    37 55      65 days      80.0          24
## 3987     Colorado    54    45 9      65 days      12.0           9
## 4716   Connecticut    61    38 7      65 days      75.0          23
## 5452         D.C.    92     7 3      65 days      92.6          85
## 6412     Delaware    62    37 3      65 days      91.0          25
## 7134     Florida    51    48 27      65 days     -31.8           3
## 8481      Hawaii    72    27 4      65 days      95.4          45
## 9109      Iowa     54    44 7      65 days      50.0          10

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##	10748	Illinois	62	37	21	65 days	90.1	25
##	11517	Indiana	50	49	11	65 days	-63.8	1
##	14213	Massachusetts	62	36	12	65 days	90.0	26
##	15011	Maryland	62	36	10	65 days	80.0	26
##	15524	Maine	58	40	4	65 days	71.0	18
##	16472	Michigan	57	41	17	65 days	40.0	16
##	17282	Minnesota	54	44	10	65 days	53.0	10
##	19715	North Carolina	50	49	15	65 days	-50.0	1
##	21982	New Hampshire	54	45	4	65 days	14.0	9
##	22587	New Jersey	57	42	15	65 days	75.0	15
##	23317	New Mexico	57	42	5	65 days	33.0	15
##	24505	Nevada	55	43	5	65 days	-9.0	12
##	24770	New York	63	36	31	65 days	82.6	27
##	25391	Ohio	51	47	20	65 days	5.0	4
##	26972	Oregon	57	40	7	65 days	76.1	17
##	27703	Pennsylvania	55	44	21	65 days	50.0	11
##	28311	Rhode Island	63	35	4	65 days	80.0	28
##	32820	Virginia	53	46	13	65 days	-0.2	7
##	33658	Vermont	67	30	3	65 days	76.6	37
##	34682	Washington	58	40	11	65 days	80.5	18
##	35014	Wisconsin	56	42	10	65 days	50.0	14
##		Obamawin						
##	3257	1						
##	3987	1						
##	4716	1						
##	5452	1						
##	6412	1						
##	7134	1						
##	8481	1						
##	9109	1						
##	10748	1						
##	11517	1						
##	14213	1						
##	15011	1						
##	15524	1						
##	16472	1						
##	17282	1						
##	19715	1						
##	21982	1						
##	22587	1						
##	23317	1						
##	24505	1						
##	24770	1						
##	25391	1						
##	26972	1						
##	27703	1						
##	28311	1						
##	32820	1						
##	33658	1						
##	34682	1						
##	35014	1						
##								
##	Running total is: 364							
##	I is: 2008-08-30							

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR
## 3206	CA	2008-08-30	California	90.0	5	10.0	19
## 3936	CO	2008-08-30	Colorado	56.0	2	44.0	0
## 4665	CT	2008-08-30	Connecticut	87.5	0	12.5	0
## 5401	DC	2008-08-30	District of Columbia	96.3	0	3.7	0
## 6361	DE	2008-08-30	Delaware	95.5	0	4.5	0
## 7083	FL	2008-08-30	Florida	34.1	1	65.9	0
## 8430	HI	2008-08-30	Hawaii	97.7	1	2.3	0
## 9058	IA	2008-08-30	Iowa	75.0	45	25.0	267
## 10737	IL	2008-08-30	Illinois	96.0	0	4.0	0
## 11466	IN	2008-08-30	Indiana	18.1	0	81.9	2
## 14162	MA	2008-08-30	Massachusetts	95.0	0	5.0	80
## 15000	MD	2008-08-30	Maryland	90.0	0	10.0	10
## 15473	ME	2008-08-30	Maine	85.5	0	14.5	0
## 16461	MI	2008-08-30	Michigan	70.0	53	30.0	72
## 17271	MN	2008-08-30	Minnesota	76.5	41	23.5	55
## 19664	NC	2008-08-30	North Carolina	25.0	4	75.0	0
## 22052	NH	2008-08-30	New Hampshire	57.0	0	43.0	45
## 22536	NJ	2008-08-30	New Jersey	87.5	0	12.5	0
## 23387	NM	2008-08-30	New Mexico	66.5	0	33.5	5
## 24454	NV	2008-08-30	Nevada	45.5	0	54.5	0
## 24719	NY	2008-08-30	New York	91.3	0	8.7	0
## 25461	OH	2008-08-30	Ohio	52.5	0	47.5	0
## 26921	OR	2008-08-30	Oregon	88.0	0	12.0	0
## 27652	PA	2008-08-30	Pennsylvania	75.0	60	25.0	55
## 28260	RI	2008-08-30	Rhode Island	90.0	0	10.0	0
## 32769	VA	2008-08-30	Virginia	49.9	0	50.1	40
## 33607	VT	2008-08-30	Vermont	88.3	0	11.7	0
## 34671	WA	2008-08-30	Washington	90.5	0	9.5	0
## 34963	WI	2008-08-30	Wisconsin	75.0	90	25.0	105
##	state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
## 3206	California	61	37	55	66 days	80.0	24
## 3936	Colorado	54	45	9	66 days	12.0	9
## 4665	Connecticut	61	38	7	66 days	75.0	23
## 5401	D.C.	92	7	3	66 days	92.6	85
## 6361	Delaware	62	37	3	66 days	91.0	25
## 7083	Florida	51	48	27	66 days	-31.8	3
## 8430	Hawaii	72	27	4	66 days	95.4	45
## 9058	Iowa	54	44	7	66 days	50.0	10
## 10737	Illinois	62	37	21	66 days	92.0	25
## 11466	Indiana	50	49	11	66 days	-63.8	1
## 14162	Massachusetts	62	36	12	66 days	90.0	26
## 15000	Maryland	62	36	10	66 days	80.0	26
## 15473	Maine	58	40	4	66 days	71.0	18
## 16461	Michigan	57	41	17	66 days	40.0	16
## 17271	Minnesota	54	44	10	66 days	53.0	10
## 19664	North Carolina	50	49	15	66 days	-50.0	1
## 22052	New Hampshire	54	45	4	66 days	14.0	9
## 22536	New Jersey	57	42	15	66 days	75.0	15
## 23387	New Mexico	57	42	5	66 days	33.0	15
## 24454	Nevada	55	43	5	66 days	-9.0	12
## 24719	New York	63	36	31	66 days	82.6	27
## 25461	Ohio	51	47	20	66 days	5.0	4
## 26921	Oregon	57	40	7	66 days	76.0	17

```

## 27652    Pennsylvania    55    44 21    66 days    50.0    11
## 28260    Rhode Island    63    35 4    66 days    80.0    28
## 32769      Virginia    53    46 13    66 days    -0.2     7
## 33607      Vermont    67    30 3    66 days    76.6    37
## 34671    Washington    58    40 11    66 days    81.0    18
## 34963    Wisconsin    56    42 10    66 days    50.0    14
##      Obamawin
## 3206      1
## 3936      1
## 4665      1
## 5401      1
## 6361      1
## 7083      1
## 8430      1
## 9058      1
## 10737     1
## 11466     1
## 14162     1
## 15000     1
## 15473     1
## 16461     1
## 17271     1
## 19664     1
## 22052     1
## 22536     1
## 23387     1
## 24454     1
## 24719     1
## 25461     1
## 26921     1
## 27652     1
## 28260     1
## 32769     1
## 33607     1
## 34671     1
## 34963     1
##
## Running total is: 364
## I is: 2008-09-07
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3250    CA 2008-09-07    California    91.2      0     8.8      0
## 3858    CO 2008-09-07     Colorado    57.0      6    43.0      4
## 4466    CT 2008-09-07   Connecticut    91.8      5     8.2      0
## 5445    DC 2008-09-07 District of Columbia    97.0      0     3.0      0
## 6162    DE 2008-09-07     Delaware    94.5      0     5.5      0
## 6638    FL 2008-09-07     Florida    38.0     20    62.0    104
## 8150    HI 2008-09-07     Hawaii    97.7      0     2.3      0
## 8859    IA 2008-09-07      Iowa    72.6     20    27.4     11
## 10781   IL 2008-09-07    Illinois    96.5      0     3.5      0
## 11509   IN 2008-09-07    Indiana    27.5      0    72.5      0
## 14084   MA 2008-09-07   Massachusetts    93.8      0     6.2      0
## 14679   MD 2008-09-07     Maryland    92.5      0     7.5      0
## 15395   ME 2008-09-07      Maine    91.5      0     8.5      0
## 16465   MI 2008-09-07     Michigan    68.5      2    31.5      1

```

##	16991	MN	2008-09-07	Minnesota	81.0	0	19.0	10
##	19830	NC	2008-09-07	North Carolina	27.5	0	72.5	0
##	21855	NH	2008-09-07	New Hampshire	61.0	0	39.0	9
##	22581	NJ	2008-09-07	New Jersey	91.5	0	8.5	1
##	23432	NM	2008-09-07	New Mexico	74.4	21	25.6	15
##	24174	NV	2008-09-07	Nevada	52.1	63	47.9	53
##	24764	NY	2008-09-07	New York	94.5	0	5.5	0
##	25748	OH	2008-09-07	Ohio	53.0	14	47.0	9
##	26966	OR	2008-09-07	Oregon	87.1	98	12.9	0
##	28059	PA	2008-09-07	Pennsylvania	75.0	3	25.0	5
##	28423	RI	2008-09-07	Rhode Island	93.5	0	6.5	0
##	32691	VA	2008-09-07	Virginia	55.0	7	45.0	27
##	33651	VT	2008-09-07	Vermont	92.5	0	7.5	0
##	34268	WA	2008-09-07	Washington	92.5	0	7.5	0
##	35371	WI	2008-09-07	Wisconsin	80.0	55	20.0	0
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	3250	California	61	37	55	58 days	82.4	24
##	3858	Colorado	54	45	9	58 days	14.0	9
##	4466	Connecticut	61	38	7	58 days	83.6	23
##	5445	D.C.	92	7	3	58 days	94.0	85
##	6162	Delaware	62	37	3	58 days	89.0	25
##	6638	Florida	51	48	27	58 days	-24.0	3
##	8150	Hawaii	72	27	4	58 days	95.4	45
##	8859	Iowa	54	44	7	58 days	45.2	10
##	10781	Illinois	62	37	21	58 days	93.0	25
##	11509	Indiana	50	49	11	58 days	-45.0	1
##	14084	Massachusetts	62	36	12	58 days	87.6	26
##	14679	Maryland	62	36	10	58 days	85.0	26
##	15395	Maine	58	40	4	58 days	83.0	18
##	16465	Michigan	57	41	17	58 days	37.0	16
##	16991	Minnesota	54	44	10	58 days	62.0	10
##	19830	North Carolina	50	49	15	58 days	-45.0	1
##	21855	New Hampshire	54	45	4	58 days	22.0	9
##	22581	New Jersey	57	42	15	58 days	83.0	15
##	23432	New Mexico	57	42	5	58 days	48.8	15
##	24174	Nevada	55	43	5	58 days	4.2	12
##	24764	New York	63	36	31	58 days	89.0	27
##	25748	Ohio	51	47	20	58 days	6.0	4
##	26966	Oregon	57	40	7	58 days	74.2	17
##	28059	Pennsylvania	55	44	21	58 days	50.0	11
##	28423	Rhode Island	63	35	4	58 days	87.0	28
##	32691	Virginia	53	46	13	58 days	10.0	7
##	33651	Vermont	67	30	3	58 days	85.0	37
##	34268	Washington	58	40	11	58 days	85.0	18
##	35371	Wisconsin	56	42	10	58 days	60.0	14
##		Obamawin						
##	3250	1						
##	3858	1						
##	4466	1						
##	5445	1						
##	6162	1						
##	6638	1						
##	8150	1						
##	8859	1						

```

## 10781      1
## 11509      1
## 14084      1
## 14679      1
## 15395      1
## 16465      1
## 16991      1
## 19830      1
## 21855      1
## 22581      1
## 23432      1
## 24174      1
## 24764      1
## 25748      1
## 26966      1
## 28059      1
## 28423      1
## 32691      1
## 33651      1
## 34268      1
## 35371      1
##
## Running total is: 364
## I is: 2008-09-29
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3280    CA 2008-09-29    California  93.5      5    5.5      38
## 3887    CO 2008-09-29      Colorado  66.5     77   32.0     126
## 4738    CT 2008-09-29    Connecticut  91.0      0    5.5      11
## 5638    DC 2008-09-29 District of Columbia  97.0      0    3.0       0
## 6191    DE 2008-09-29      Delaware  95.0      1    7.0       0
## 6790    FL 2008-09-29      Florida  49.0     52   50.0      38
## 8055    HI 2008-09-29      Hawaii  97.7      0    2.3       0
## 8886    IA 2008-09-29      Iowa  80.0     37   19.5       0
## 10322   IL 2008-09-29     Illinois  96.0      0    4.0       0
## 10930   IN 2008-09-29      Indiana  48.0    396   61.0     483
## 14355   MA 2008-09-29    Massachusetts  96.3      0    3.7       0
## 14951   MD 2008-09-29      Maryland  95.0     20    7.3       0
## 15222   ME 2008-09-29      Maine  89.2      0   10.9       0
## 16411   MI 2008-09-29     Michigan  79.1      0   27.1       2
## 17141   MN 2008-09-29     Minnesota  73.2    135   26.5      13
## 19858   NC 2008-09-29   North Carolina  44.0    116   56.0     145
## 21880   NH 2008-09-29   New Hampshire  60.0     97   40.1      30
## 22528   NJ 2008-09-29     New Jersey  93.0     20    8.0      10
## 23215   NM 2008-09-29     New Mexico  79.9      0   20.0      17
## 24555   NV 2008-09-29      Nevada  52.0      4   48.0      11
## 24725   NY 2008-09-29     New York  95.8     17    5.0      11
## 26008   OH 2008-09-29      Ohio  51.7      1   48.0      15
## 26995   OR 2008-09-29      Oregon  90.0    111   10.0     100
## 27845   PA 2008-09-29    Pennsylvania  74.0    179   28.0      97
## 28330   RI 2008-09-29   Rhode Island  95.0      0    5.0       0
## 32962   VA 2008-09-29      Virginia  55.0     99   46.0     112
## 33678   VT 2008-09-29      Vermont  92.5      0    7.5       0
## 34539   WA 2008-09-29     Washington  88.0      0   10.1      40
## 35155   WI 2008-09-29     Wisconsin  79.8     30   22.6       0

```

##	state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
## 3280	California	61	37	55	36 days	88.0	24
## 3887	Colorado	54	45	9	36 days	34.5	9
## 4738	Connecticut	61	38	7	36 days	85.5	23
## 5638	D.C.	92	7	3	36 days	94.0	85
## 6191	Delaware	62	37	3	36 days	88.0	25
## 6790	Florida	51	48	27	36 days	-1.0	3
## 8055	Hawaii	72	27	4	36 days	95.4	45
## 8886	Iowa	54	44	7	36 days	60.5	10
## 10322	Illinois	62	37	21	36 days	92.0	25
## 10930	Indiana	50	49	11	36 days	-13.0	1
## 14355	Massachusetts	62	36	12	36 days	92.6	26
## 14951	Maryland	62	36	10	36 days	87.7	26
## 15222	Maine	58	40	4	36 days	78.3	18
## 16411	Michigan	57	41	17	36 days	52.0	16
## 17141	Minnesota	54	44	10	36 days	46.7	10
## 19858	North Carolina	50	49	15	36 days	-12.0	1
## 21880	New Hampshire	54	45	4	36 days	19.9	9
## 22528	New Jersey	57	42	15	36 days	85.0	15
## 23215	New Mexico	57	42	5	36 days	59.9	15
## 24555	Nevada	55	43	5	36 days	4.0	12
## 24725	New York	63	36	31	36 days	90.8	27
## 26008	Ohio	51	47	20	36 days	3.7	4
## 26995	Oregon	57	40	7	36 days	80.0	17
## 27845	Pennsylvania	55	44	21	36 days	46.0	11
## 28330	Rhode Island	63	35	4	36 days	90.0	28
## 32962	Virginia	53	46	13	36 days	9.0	7
## 33678	Vermont	67	30	3	36 days	85.0	37
## 34539	Washington	58	40	11	36 days	77.9	18
## 35155	Wisconsin	56	42	10	36 days	57.2	14
##	Obamawin						
## 3280	1						
## 3887	1						
## 4738	1						
## 5638	1						
## 6191	1						
## 6790	1						
## 8055	1						
## 8886	1						
## 10322	1						
## 10930	1						
## 14355	1						
## 14951	1						
## 15222	1						
## 16411	1						
## 17141	1						
## 19858	1						
## 21880	1						
## 22528	1						
## 23215	1						
## 24555	1						
## 24725	1						
## 26008	1						
## 26995	1						

```

## 27845      1
## 28330      1
## 32962      1
## 33678      1
## 34539      1
## 35155      1
##
## Running total is: 364
## I is: 2008-09-28
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3229    CA 2008-09-28    California  93.1      0    6.1      2
## 3836    CO 2008-09-28    Colorado   66.0     10   31.1     6
## 4687    CT 2008-09-28    Connecticut 91.0      0   11.9     0
## 5587    DC 2008-09-28 District of Columbia 97.0      0    3.0     0
## 6140    DE 2008-09-28    Delaware   95.0      2    7.0     0
## 6860    FL 2008-09-28    Florida   52.9    212   48.9    289
## 8004    HI 2008-09-28    Hawaii    97.7      0    2.3     0
## 8835    IA 2008-09-28    Iowa     81.0      3   19.5     9
## 10271   IL 2008-09-28    Illinois 96.0      0    4.0     0
## 10919   IN 2008-09-28    Indiana 38.0     14   61.0     3
## 14304   MA 2008-09-28    Massachusetts 96.3      0    3.7     0
## 14900   MD 2008-09-28    Maryland 92.7      0    7.3     0
## 15188   ME 2008-09-28    Maine   89.2      0   10.9     0
## 16360   MI 2008-09-28    Michigan 79.1      0   27.1     0
## 17090   MN 2008-09-28    Minnesota 73.2      0   20.0    11
## 19807   NC 2008-09-28    North Carolina 43.5     94   57.0    59
## 21829   NH 2008-09-28    New Hampshire 51.0      9   40.1    20
## 22477   NJ 2008-09-28    New Jersey 93.0      0    8.0    10
## 23203   NM 2008-09-28    New Mexico 79.9      0   20.0    70
## 24517   NV 2008-09-28    Nevada   52.0      1   46.9     3
## 24687   NY 2008-09-28    New York 95.8     22    5.0    10
## 25957   OH 2008-09-28    Ohio    51.8      1   50.0    52
## 26944   OR 2008-09-28    Oregon   88.0      2   11.0     1
## 27794   PA 2008-09-28    Pennsylvania 74.9      3   25.0    10
## 28279   RI 2008-09-28    Rhode Island 95.0      0    5.0     0
## 32911   VA 2008-09-28    Virginia 52.0     43   47.0    30
## 33627   VT 2008-09-28    Vermont  92.5      0    7.5     0
## 34488   WA 2008-09-28    Washington 88.0      0   12.0     0
## 35104   WI 2008-09-28    Wisconsin 80.0      0   22.6     4
##
##      state.name Obama McCain EV DaysToElection obama.intmarg obama.actmarg
## 3229    California    61    37 55      37 days      87.0      24
## 3836    Colorado     54    45 9      37 days      34.9      9
## 4687    Connecticut   61    38 7      37 days      79.1     23
## 5587      D.C.       92     7 3      37 days      94.0     85
## 6140    Delaware     62    37 3      37 days      88.0     25
## 6860    Florida      51    48 27     37 days       4.0      3
## 8004    Hawaii       72    27 4      37 days     95.4     45
## 8835    Iowa        54    44 7      37 days     61.5     10
## 10271   Illinois     62    37 21     37 days     92.0     25
## 10919   Indiana     50    49 11     37 days    -23.0      1
## 14304   Massachusetts 62    36 12     37 days     92.6     26
## 14900   Maryland     62    36 10     37 days     85.4     26
## 15188   Maine       58    40 4      37 days     78.3     18
## 16360   Michigan    57    41 17     37 days     52.0     16

```


##	17090	Minnesota	54	44	10	37 days	53.2	10
##	19807	North Carolina	50	49	15	37 days	-13.5	1
##	21829	New Hampshire	54	45	4	37 days	10.9	9
##	22477	New Jersey	57	42	15	37 days	85.0	15
##	23203	New Mexico	57	42	5	37 days	59.9	15
##	24517	Nevada	55	43	5	37 days	5.1	12
##	24687	New York	63	36	31	37 days	90.8	27
##	25957	Ohio	51	47	20	37 days	1.8	4
##	26944	Oregon	57	40	7	37 days	77.0	17
##	27794	Pennsylvania	55	44	21	37 days	49.9	11
##	28279	Rhode Island	63	35	4	37 days	90.0	28
##	32911	Virginia	53	46	13	37 days	5.0	7
##	33627	Vermont	67	30	3	37 days	85.0	37
##	34488	Washington	58	40	11	37 days	76.0	18
##	35104	Wisconsin	56	42	10	37 days	57.4	14

Obamawin

##	3229	1
##	3836	1
##	4687	1
##	5587	1
##	6140	1
##	6860	1
##	8004	1
##	8835	1
##	10271	1
##	10919	1
##	14304	1
##	14900	1
##	15188	1
##	16360	1
##	17090	1
##	19807	1
##	21829	1
##	22477	1
##	23203	1
##	24517	1
##	24687	1
##	25957	1
##	26944	1
##	27794	1
##	28279	1
##	32911	1
##	33627	1
##	34488	1
##	35104	1

##

Running total is: 364

I is: 2008-09-27

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR
##	3178	CA 2008-09-27	California	93.1	0	6.9	0
##	3825	CO 2008-09-27	Colorado	69.5	36	31.0	37
##	4636	CT 2008-09-27	Connecticut	91.0	0	11.9	15
##	5536	DC 2008-09-27	District of Columbia	97.0	0	3.0	0
##	6089	DE 2008-09-27	Delaware	93.0	0	7.0	0

##	6809	FL	2008-09-27	Florida	47.0	7	51.2	1
##	7993	HI	2008-09-27	Hawaii	97.7	0	2.3	0
##	8824	IA	2008-09-27	Iowa	84.9	88	20.5	1
##	10260	IL	2008-09-27	Illinois	96.0	0	4.0	0
##	10908	IN	2008-09-27	Indiana	40.0	4	60.0	1
##	14253	MA	2008-09-27	Massachusetts	96.3	0	3.7	0
##	14849	MD	2008-09-27	Maryland	92.7	0	7.3	0
##	15213	ME	2008-09-27	Maine	89.2	0	10.9	9
##	16309	MI	2008-09-27	Michigan	79.1	1	27.1	0
##	17039	MN	2008-09-27	Minnesota	73.2	6	26.8	20
##	19756	NC	2008-09-27	North Carolina	43.5	90	58.0	64
##	21818	NH	2008-09-27	New Hampshire	60.0	3	41.3	17
##	22479	NJ	2008-09-27	New Jersey	93.0	1	12.3	12
##	23169	NM	2008-09-27	New Mexico	79.9	1	22.0	8
##	24466	NV	2008-09-27	Nevada	52.9	10	49.8	6
##	24636	NY	2008-09-27	New York	92.0	0	8.0	0
##	25919	OH	2008-09-27	Ohio	52.0	1	48.3	10
##	26893	OR	2008-09-27	Oregon	85.0	0	15.0	0
##	27743	PA	2008-09-27	Pennsylvania	73.0	118	28.0	30
##	28389	RI	2008-09-27	Rhode Island	95.0	0	5.0	0
##	32860	VA	2008-09-27	Virginia	55.0	91	45.0	133
##	33576	VT	2008-09-27	Vermont	92.5	0	7.5	25
##	34558	WA	2008-09-27	Washington	88.0	0	12.0	0
##	35053	WI	2008-09-27	Wisconsin	80.0	1	27.2	85
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	3178	California	61	37	55	38 days	86.2	24
##	3825	Colorado	54	45	9	38 days	38.5	9
##	4636	Connecticut	61	38	7	38 days	79.1	23
##	5536	D.C.	92	7	3	38 days	94.0	85
##	6089	Delaware	62	37	3	38 days	86.0	25
##	6809	Florida	51	48	27	38 days	-4.2	3
##	7993	Hawaii	72	27	4	38 days	95.4	45
##	8824	Iowa	54	44	7	38 days	64.4	10
##	10260	Illinois	62	37	21	38 days	92.0	25
##	10908	Indiana	50	49	11	38 days	-20.0	1
##	14253	Massachusetts	62	36	12	38 days	92.6	26
##	14849	Maryland	62	36	10	38 days	85.4	26
##	15213	Maine	58	40	4	38 days	78.3	18
##	16309	Michigan	57	41	17	38 days	52.0	16
##	17039	Minnesota	54	44	10	38 days	46.4	10
##	19756	North Carolina	50	49	15	38 days	-14.5	1
##	21818	New Hampshire	54	45	4	38 days	18.7	9
##	22479	New Jersey	57	42	15	38 days	80.7	15
##	23169	New Mexico	57	42	5	38 days	57.9	15
##	24466	Nevada	55	43	5	38 days	3.1	12
##	24636	New York	63	36	31	38 days	84.0	27
##	25919	Ohio	51	47	20	38 days	3.7	4
##	26893	Oregon	57	40	7	38 days	70.0	17
##	27743	Pennsylvania	55	44	21	38 days	45.0	11
##	28389	Rhode Island	63	35	4	38 days	90.0	28
##	32860	Virginia	53	46	13	38 days	10.0	7
##	33576	Vermont	67	30	3	38 days	85.0	37
##	34558	Washington	58	40	11	38 days	76.0	18
##	35053	Wisconsin	56	42	10	38 days	52.8	14

Obamawin

3178 1
3825 1
4636 1
5536 1
6089 1
6809 1
7993 1
8824 1
10260 1
10908 1
14253 1
14849 1
15213 1
16309 1
17039 1
19756 1
21818 1
22479 1
23169 1
24466 1
24636 1
25919 1
26893 1
27743 1
28389 1
32860 1
33576 1
34558 1
35053 1

##

Running total is: 364

I is: 2008-09-02

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR
## 3035	CA	2008-09-02	California	89.3	0	10.7	0
## 3724	CO	2008-09-02	Colorado	59.0	49	41.0	27
## 4356	CT	2008-09-02	Connecticut	91.0	0	9.0	0
## 5190	DC	2008-09-02	District of Columbia	97.0	0	3.0	0
## 5947	DE	2008-09-02	Delaware	97.0	0	3.0	0
## 6516	FL	2008-09-02	Florida	40.7	1	59.3	38
## 8097	HI	2008-09-02	Hawaii	97.7	0	2.3	0
## 8846	IA	2008-09-02	Iowa	75.0	8	25.0	0
## 10647	IL	2008-09-02	Illinois	96.0	0	4.0	0
## 11335	IN	2008-09-02	Indiana	23.0	19	77.0	0
## 13869	MA	2008-09-02	Massachusetts	93.8	0	6.2	0
## 14585	MD	2008-09-02	Maryland	92.3	0	7.7	0
## 15341	ME	2008-09-02	Maine	87.5	1	12.5	1
## 16492	MI	2008-09-02	Michigan	69.0	3	31.0	1
## 16978	MN	2008-09-02	Minnesota	74.0	33	26.0	21
## 19817	NC	2008-09-02	North Carolina	30.0	52	70.0	77
## 22084	NH	2008-09-02	New Hampshire	60.4	2	39.6	0
## 22568	NJ	2008-09-02	New Jersey	88.5	1	11.5	0
## 23419	NM	2008-09-02	New Mexico	70.0	54	30.0	5
## 24121	NV	2008-09-02	Nevada	48.9	0	51.1	24

##	24872	NY	2008-09-02	New York	92.6	0	7.4	0
##	25493	OH	2008-09-02	Ohio	54.0	2	46.0	84
##	27074	OR	2008-09-02	Oregon	90.0	3	10.0	5
##	27804	PA	2008-09-02	Pennsylvania	73.0	5	27.0	86
##	28329	RI	2008-09-02	Rhode Island	90.5	0	9.5	0
##	32920	VA	2008-09-02	Virginia	48.7	0	51.3	12
##	33638	VT	2008-09-02	Vermont	91.0	0	9.0	0
##	34174	WA	2008-09-02	Washington	91.0	0	9.0	0
##	35237	WI	2008-09-02	Wisconsin	76.0	51	24.0	3
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	3035	California	61	37	55	63 days	78.6	24
##	3724	Colorado	54	45	9	63 days	18.0	9
##	4356	Connecticut	61	38	7	63 days	82.0	23
##	5190	D.C.	92	7	3	63 days	94.0	85
##	5947	Delaware	62	37	3	63 days	94.0	25
##	6516	Florida	51	48	27	63 days	-18.6	3
##	8097	Hawaii	72	27	4	63 days	95.4	45
##	8846	Iowa	54	44	7	63 days	50.0	10
##	10647	Illinois	62	37	21	63 days	92.0	25
##	11335	Indiana	50	49	11	63 days	-54.0	1
##	13869	Massachusetts	62	36	12	63 days	87.6	26
##	14585	Maryland	62	36	10	63 days	84.6	26
##	15341	Maine	58	40	4	63 days	75.0	18
##	16492	Michigan	57	41	17	63 days	38.0	16
##	16978	Minnesota	54	44	10	63 days	48.0	10
##	19817	North Carolina	50	49	15	63 days	-40.0	1
##	22084	New Hampshire	54	45	4	63 days	20.8	9
##	22568	New Jersey	57	42	15	63 days	77.0	15
##	23419	New Mexico	57	42	5	63 days	40.0	15
##	24121	Nevada	55	43	5	63 days	-2.2	12
##	24872	New York	63	36	31	63 days	85.2	27
##	25493	Ohio	51	47	20	63 days	8.0	4
##	27074	Oregon	57	40	7	63 days	80.0	17
##	27804	Pennsylvania	55	44	21	63 days	46.0	11
##	28329	Rhode Island	63	35	4	63 days	81.0	28
##	32920	Virginia	53	46	13	63 days	-2.6	7
##	33638	Vermont	67	30	3	63 days	82.0	37
##	34174	Washington	58	40	11	63 days	82.0	18
##	35237	Wisconsin	56	42	10	63 days	52.0	14
##		Obamawin						
##	3035	1						
##	3724	1						
##	4356	1						
##	5190	1						
##	5947	1						
##	6516	1						
##	8097	1						
##	8846	1						
##	10647	1						
##	11335	1						
##	13869	1						
##	14585	1						
##	15341	1						
##	16492	1						

```

## 16978      1
## 19817      1
## 22084      1
## 22568      1
## 23419      1
## 24121      1
## 24872      1
## 25493      1
## 27074      1
## 27804      1
## 28329      1
## 32920      1
## 33638      1
## 34174      1
## 35237      1
##
## Running total is: 364
## I is: 2008-11-03
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3242    CA 2008-11-03    California  97.9      100    2.1      10
## 4332    CO 2008-11-03    Colorado   91.5      149   12.0     103
## 5012    CT 2008-11-03    Connecticut 98.0       10    2.3      65
## 5721    DC 2008-11-03 District of Columbia 98.0        0    2.0        0
## 6153    DE 2008-11-03    Delaware   97.1        1    2.9        0
## 7118    FL 2008-11-03    Florida   76.0     1408   23.9    2546
## 8665    HI 2008-11-03    Hawaii     97.7        0    2.3        0
## 8972    IA 2008-11-03    Iowa      92.0       52    5.5       68
## 10771   IL 2008-11-03    Illinois  98.7       60    1.5        9
## 11378   IN 2008-11-03    Indiana   39.0     945   62.2     641
## 14277   MA 2008-11-03    Massachusetts 98.3        0    1.7        0
## 15159   MD 2008-11-03    Maryland  95.5       16    5.0        2
## 15712   ME 2008-11-03    Maine     95.0        0    5.0        0
## 16592   MI 2008-11-03    Michigan  95.0        0    4.9        0
## 17224   MN 2008-11-03    Minnesota 93.2        2    8.7        4
## 20065   NC 2008-11-03    North Carolina 61.4     1711   39.5    1012
## 22386   NH 2008-11-03    New Hampshire 92.8      213    9.0       45
## 22817   NJ 2008-11-03    New Jersey  97.0       59    1.3        6
## 23667   NM 2008-11-03    New Mexico 91.1       69   10.0     218
## 24573   NV 2008-11-03    Nevada     89.8      140   14.6     189
## 25001   NY 2008-11-03    New York   97.0       37    1.5       71
## 25620   OH 2008-11-03    Ohio      77.0     1192   23.4    1849
## 27403   OR 2008-11-03    Oregon     90.0        1    4.5       11
## 28178   PA 2008-11-03    Pennsylvania 91.0      241   10.9     644
## 28910   RI 2008-11-03    Rhode Island 97.0        0    3.0        0
## 33048   VA 2008-11-03    Virginia   86.1     1491   12.1     739
## 33521   VT 2008-11-03    Vermont    97.0        0    1.3       25
## 34666   WA 2008-11-03    Washington 96.0        0    4.0        1
## 34875   WI 2008-11-03    Wisconsin 95.0        0    5.1        0
##
##      state.name Obama McCain EV DaysToElection obama.intmarg obama.actmarg
## 3242    California    61    37 55          1 days          95.8          24
## 4332     Colorado    54    45 9          1 days          79.5          9
## 5012   Connecticut    61    38 7          1 days          95.7         23
## 5721         D.C.    92     7 3          1 days          96.0         85
## 6153     Delaware    62    37 3          1 days          94.2         25

```

## 7118	Florida	51	48 27	1 days	52.1	3
## 8665	Hawaii	72	27 4	1 days	95.4	45
## 8972	Iowa	54	44 7	1 days	86.5	10
## 10771	Illinois	62	37 21	1 days	97.2	25
## 11378	Indiana	50	49 11	1 days	-23.2	1
## 14277	Massachusetts	62	36 12	1 days	96.6	26
## 15159	Maryland	62	36 10	1 days	90.5	26
## 15712	Maine	58	40 4	1 days	90.0	18
## 16592	Michigan	57	41 17	1 days	90.1	16
## 17224	Minnesota	54	44 10	1 days	84.5	10
## 20065	North Carolina	50	49 15	1 days	21.9	1
## 22386	New Hampshire	54	45 4	1 days	83.8	9
## 22817	New Jersey	57	42 15	1 days	95.7	15
## 23667	New Mexico	57	42 5	1 days	81.1	15
## 24573	Nevada	55	43 5	1 days	75.2	12
## 25001	New York	63	36 31	1 days	95.5	27
## 25620	Ohio	51	47 20	1 days	53.6	4
## 27403	Oregon	57	40 7	1 days	85.5	17
## 28178	Pennsylvania	55	44 21	1 days	80.1	11
## 28910	Rhode Island	63	35 4	1 days	94.0	28
## 33048	Virginia	53	46 13	1 days	74.0	7
## 33521	Vermont	67	30 3	1 days	95.7	37
## 34666	Washington	58	40 11	1 days	92.0	18
## 34875	Wisconsin	56	42 10	1 days	89.9	14
##	Obamawin					
## 3242	1					
## 4332	1					
## 5012	1					
## 5721	1					
## 6153	1					
## 7118	1					
## 8665	1					
## 8972	1					
## 10771	1					
## 11378	1					
## 14277	1					
## 15159	1					
## 15712	1					
## 16592	1					
## 17224	1					
## 20065	1					
## 22386	1					
## 22817	1					
## 23667	1					
## 24573	1					
## 25001	1					
## 25620	1					
## 27403	1					
## 28178	1					
## 28910	1					
## 33048	1					
## 33521	1					
## 34666	1					
## 34875	1					

```

##
## Running total is: 364
## I is: 2008-11-02
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3191      CA 2008-11-02      California 97.9      2      2.1      13
## 4329      CO 2008-11-02      Colorado 86.0     32     14.0     97
## 4974      CT 2008-11-02      Connecticut 97.7      0      2.3      0
## 5670      DC 2008-11-02 District of Columbia 98.0      0      2.0      0
## 6102      DE 2008-11-02      Delaware 97.1      0      2.9      0
## 7067      FL 2008-11-02      Florida 69.9     343     30.1     629
## 8658      HI 2008-11-02      Hawaii 97.7      0      2.3      0
## 8921      IA 2008-11-02      Iowa 93.5     483      6.5     451
## 10720     IL 2008-11-02      Illinois 97.0      0      3.0      0
## 11327     IN 2008-11-02      Indiana 47.0     677     53.0     393
## 14226     MA 2008-11-02      Massachusetts 98.3      0      1.7      25
## 15108     MD 2008-11-02      Maryland 97.2      0      2.8      0
## 15661     ME 2008-11-02      Maine 95.0     36      5.0      0
## 16607     MI 2008-11-02      Michigan 95.0     37      5.0      0
## 17173     MN 2008-11-02      Minnesota 95.5      8      4.5      0
## 20014     NC 2008-11-02      North Carolina 67.0     695     33.0     883
## 22348     NH 2008-11-02      New Hampshire 86.0     266     14.0      19
## 22766     NJ 2008-11-02      New Jersey 96.0      0      4.0      7
## 23616     NM 2008-11-02      New Mexico 89.0      0     11.0     137
## 24522     NV 2008-11-02      Nevada 82.0     709     18.0     676
## 24950     NY 2008-11-02      New York 97.0     14      3.0      0
## 25690     OH 2008-11-02      Ohio 78.6    2189     21.4     695
## 27473     OR 2008-11-02      Oregon 94.8     47      4.5      0
## 28206     PA 2008-11-02      Pennsylvania 88.0     309     12.0     588
## 28924     RI 2008-11-02      Rhode Island 97.0      0      3.0      0
## 32997     VA 2008-11-02      Virginia 85.0     896     15.0     635
## 33591     VT 2008-11-02      Vermont 97.0      0      3.0      0
## 34695     WA 2008-11-02      Washington 96.0      0      4.0      0
## 34824     WI 2008-11-02      Wisconsin 95.0      6      5.0     279
##
##      state.name Obama McCain EV DaysToElection obama.intmarg obama.actmarg
## 3191      California 61      37 55      2 days      95.8      24
## 4329      Colorado 54      45 9      2 days      72.0      9
## 4974      Connecticut 61      38 7      2 days      95.4      23
## 5670      D.C. 92      7 3      2 days      96.0      85
## 6102      Delaware 62      37 3      2 days      94.2      25
## 7067      Florida 51      48 27      2 days      39.8      3
## 8658      Hawaii 72      27 4      2 days      95.4      45
## 8921      Iowa 54      44 7      2 days      87.0      10
## 10720     Illinois 62      37 21      2 days      94.0      25
## 11327     Indiana 50      49 11      2 days      -6.0      1
## 14226     Massachusetts 62      36 12      2 days      96.6      26
## 15108     Maryland 62      36 10      2 days      94.4      26
## 15661     Maine 58      40 4      2 days      90.0      18
## 16607     Michigan 57      41 17      2 days      90.0      16
## 17173     Minnesota 54      44 10      2 days      91.0      10
## 20014     North Carolina 50      49 15      2 days      34.0      1
## 22348     New Hampshire 54      45 4      2 days      72.0      9
## 22766     New Jersey 57      42 15      2 days      92.0      15
## 23616     New Mexico 57      42 5      2 days      78.0      15
## 24522     Nevada 55      43 5      2 days      64.0      12

```

##	24950	New York	63	36	31	2 days	94.0	27
##	25690	Ohio	51	47	20	2 days	57.2	4
##	27473	Oregon	57	40	7	2 days	90.3	17
##	28206	Pennsylvania	55	44	21	2 days	76.0	11
##	28924	Rhode Island	63	35	4	2 days	94.0	28
##	32997	Virginia	53	46	13	2 days	70.0	7
##	33591	Vermont	67	30	3	2 days	94.0	37
##	34695	Washington	58	40	11	2 days	92.0	18
##	34824	Wisconsin	56	42	10	2 days	90.0	14

Obamawin

##	3191	1
##	4329	1
##	4974	1
##	5670	1
##	6102	1
##	7067	1
##	8658	1
##	8921	1
##	10720	1
##	11327	1
##	14226	1
##	15108	1
##	15661	1
##	16607	1
##	17173	1
##	20014	1
##	22348	1
##	22766	1
##	23616	1
##	24522	1
##	24950	1
##	25690	1
##	27473	1
##	28206	1
##	28924	1
##	32997	1
##	33591	1
##	34695	1
##	34824	1

##

Running total is: 364

I is: 2008-08-16

##	state	day	statename	PriceD	VolumeD	PriceR	VolumeR
##	3223	CA 2008-08-16	California	87.0	6	11.5	0
##	4074	CO 2008-08-16	Colorado	60.0	1	39.0	0
##	4925	CT 2008-08-16	Connecticut	90.0	0	10.0	0
##	5744	DC 2008-08-16	District of Columbia	96.3	0	3.7	0
##	6256	DE 2008-08-16	Delaware	90.0	0	12.0	0
##	6611	FL 2008-08-16	Florida	36.2	5	64.9	6
##	8201	HI 2008-08-16	Hawaii	95.2	0	4.8	0
##	9072	IA 2008-08-16	Iowa	76.9	0	25.0	0
##	10387	IL 2008-08-16	Illinois	95.5	0	4.5	0
##	10993	IN 2008-08-16	Indiana	34.3	0	66.5	0
##	13853	MA 2008-08-16	Massachusetts	92.5	0	7.5	0

##	14500	MD	2008-08-16	Maryland	90.5	0	9.5	0
##	15202	ME	2008-08-16	Maine	83.0	0	15.0	0
##	16110	MI	2008-08-16	Michigan	66.0	0	34.9	0
##	16839	MN	2008-08-16	Minnesota	82.0	15	17.0	0
##	19560	NC	2008-08-16	North Carolina	28.0	0	74.0	0
##	22066	NH	2008-08-16	New Hampshire	60.5	0	39.5	0
##	22482	NJ	2008-08-16	New Jersey	88.0	0	12.0	0
##	23159	NM	2008-08-16	New Mexico	72.5	0	26.0	0
##	24104	NV	2008-08-16	Nevada	47.5	48	54.0	48
##	24775	NY	2008-08-16	New York	94.0	0	8.0	0
##	25327	OH	2008-08-16	Ohio	59.0	3	40.0	0
##	27260	OR	2008-08-16	Oregon	89.0	0	11.0	0
##	27789	PA	2008-08-16	Pennsylvania	74.1	0	26.0	0
##	28397	RI	2008-08-16	Rhode Island	90.0	0	10.0	0
##	32783	VA	2008-08-16	Virginia	54.0	0	46.0	0
##	33621	VT	2008-08-16	Vermont	90.7	0	10.0	0
##	34603	WA	2008-08-16	Washington	90.3	0	9.7	0
##	35341	WI	2008-08-16	Wisconsin	77.5	0	23.0	0
##		state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
##	3223	California	61	37	55	80 days	75.5	24
##	4074	Colorado	54	45	9	80 days	21.0	9
##	4925	Connecticut	61	38	7	80 days	80.0	23
##	5744	D.C.	92	7	3	80 days	92.6	85
##	6256	Delaware	62	37	3	80 days	78.0	25
##	6611	Florida	51	48	27	80 days	-28.7	3
##	8201	Hawaii	72	27	4	80 days	90.4	45
##	9072	Iowa	54	44	7	80 days	51.9	10
##	10387	Illinois	62	37	21	80 days	91.0	25
##	10993	Indiana	50	49	11	80 days	-32.2	1
##	13853	Massachusetts	62	36	12	80 days	85.0	26
##	14500	Maryland	62	36	10	80 days	81.0	26
##	15202	Maine	58	40	4	80 days	68.0	18
##	16110	Michigan	57	41	17	80 days	31.1	16
##	16839	Minnesota	54	44	10	80 days	65.0	10
##	19560	North Carolina	50	49	15	80 days	-46.0	1
##	22066	New Hampshire	54	45	4	80 days	21.0	9
##	22482	New Jersey	57	42	15	80 days	76.0	15
##	23159	New Mexico	57	42	5	80 days	46.5	15
##	24104	Nevada	55	43	5	80 days	-6.5	12
##	24775	New York	63	36	31	80 days	86.0	27
##	25327	Ohio	51	47	20	80 days	19.0	4
##	27260	Oregon	57	40	7	80 days	78.0	17
##	27789	Pennsylvania	55	44	21	80 days	48.1	11
##	28397	Rhode Island	63	35	4	80 days	80.0	28
##	32783	Virginia	53	46	13	80 days	8.0	7
##	33621	Vermont	67	30	3	80 days	80.7	37
##	34603	Washington	58	40	11	80 days	80.6	18
##	35341	Wisconsin	56	42	10	80 days	54.5	14
##		Obamawin						
##	3223	1						
##	4074	1						
##	4925	1						
##	5744	1						
##	6256	1						

```

## 6611      1
## 8201      1
## 9072      1
## 10387     1
## 10993     1
## 13853     1
## 14500     1
## 15202     1
## 16110     1
## 16839     1
## 19560     1
## 22066     1
## 22482     1
## 23159     1
## 24104     1
## 24775     1
## 25327     1
## 27260     1
## 27789     1
## 28397     1
## 32783     1
## 33621     1
## 34603     1
## 35341     1
##
## Running total is: 364
## I is: 2008-08-17
##      state      day      statename PriceD VolumeD PriceR VolumeR
## 3274    CA 2008-08-17    California  87.0         0   11.5         0
## 4125    CO 2008-08-17      Colorado  55.0         1   45.0         3
## 4976    CT 2008-08-17    Connecticut  90.0         0   10.0         1
## 5784    DC 2008-08-17 District of Columbia 96.3         0    3.7         0
## 6307    DE 2008-08-17      Delaware  90.0         0   12.0         0
## 6513    FL 2008-08-17      Florida  35.5         5   64.5         4
## 8252    HI 2008-08-17      Hawaii  95.2         0    4.8         0
## 9123    IA 2008-08-17      Iowa    76.9         0   25.0         0
## 10438   IL 2008-08-17     Illinois  95.5         0    4.5         0
## 11044   IN 2008-08-17      Indiana  34.3         0   66.5         0
## 13864   MA 2008-08-17    Massachusetts 92.5         0    7.5        20
## 14511   MD 2008-08-17      Maryland  90.5         0    9.5         0
## 15226   ME 2008-08-17      Maine    83.0         0   15.0         0
## 16161   MI 2008-08-17     Michigan  66.0         5   34.9         0
## 16890   MN 2008-08-17     Minnesota  82.0         0   17.0         0
## 19607   NC 2008-08-17   North Carolina 28.0         0   74.0         0
## 22117   NH 2008-08-17   New Hampshire 60.5         0   40.0         0
## 22520   NJ 2008-08-17     New Jersey  88.0         0   12.0         0
## 23181   NM 2008-08-17     New Mexico  72.5         0   26.0         0
## 24155   NV 2008-08-17      Nevada  47.6         0   54.0         0
## 24786   NY 2008-08-17     New York  94.0         0    8.0         0
## 25326   OH 2008-08-17      Ohio    59.0         1   40.5         3
## 27311   OR 2008-08-17      Oregon  89.0         0   11.0         0
## 27840   PA 2008-08-17    Pennsylvania 74.1         0   26.1         0
## 28448   RI 2008-08-17    Rhode Island 90.0         0   10.0         0
## 32834   VA 2008-08-17      Virginia  51.5         1   48.5         8

```

## 33672	VT 2008-08-17		Vermont	90.7	0	10.0	0
## 34654	WA 2008-08-17		Washington	90.3	0	9.7	0
## 35392	WI 2008-08-17		Wisconsin	77.5	0	23.0	0
##	state.name	Obama	McCain	EV	DaysToElection	obama.intmarg	obama.actmarg
## 3274	California	61	37	55	79 days	75.5	24
## 4125	Colorado	54	45	9	79 days	10.0	9
## 4976	Connecticut	61	38	7	79 days	80.0	23
## 5784	D.C.	92	7	3	79 days	92.6	85
## 6307	Delaware	62	37	3	79 days	78.0	25
## 6513	Florida	51	48	27	79 days	-29.0	3
## 8252	Hawaii	72	27	4	79 days	90.4	45
## 9123	Iowa	54	44	7	79 days	51.9	10
## 10438	Illinois	62	37	21	79 days	91.0	25
## 11044	Indiana	50	49	11	79 days	-32.2	1
## 13864	Massachusetts	62	36	12	79 days	85.0	26
## 14511	Maryland	62	36	10	79 days	81.0	26
## 15226	Maine	58	40	4	79 days	68.0	18
## 16161	Michigan	57	41	17	79 days	31.1	16
## 16890	Minnesota	54	44	10	79 days	65.0	10
## 19607	North Carolina	50	49	15	79 days	-46.0	1
## 22117	New Hampshire	54	45	4	79 days	20.5	9
## 22520	New Jersey	57	42	15	79 days	76.0	15
## 23181	New Mexico	57	42	5	79 days	46.5	15
## 24155	Nevada	55	43	5	79 days	-6.4	12
## 24786	New York	63	36	31	79 days	86.0	27
## 25326	Ohio	51	47	20	79 days	18.5	4
## 27311	Oregon	57	40	7	79 days	78.0	17
## 27840	Pennsylvania	55	44	21	79 days	48.0	11
## 28448	Rhode Island	63	35	4	79 days	80.0	28
## 32834	Virginia	53	46	13	79 days	3.0	7
## 33672	Vermont	67	30	3	79 days	80.7	37
## 34654	Washington	58	40	11	79 days	80.6	18
## 35392	Wisconsin	56	42	10	79 days	54.5	14
##	Obamawin						
## 3274	1						
## 4125	1						
## 4976	1						
## 5784	1						
## 6307	1						
## 6513	1						
## 8252	1						
## 9123	1						
## 10438	1						
## 11044	1						
## 13864	1						
## 14511	1						
## 15226	1						
## 16161	1						
## 16890	1						
## 19607	1						
## 22117	1						
## 22520	1						
## 23181	1						
## 24155	1						

```
## 24786      1
## 25326      1
## 27311      1
## 27840      1
## 28448      1
## 32834      1
## 33672      1
## 34654      1
## 35392      1
##
## Running total is: 364
```

```
#+unique_days.df$EV <- NA
```

Question 3

Repeat the previous exercise but this time use the seven-day *moving-average* price, instead of the daily price, for each candidate within a state. This can be done with a loop. For a given day, we take the average of the Session Close prices within the past seven days (including that day). To answer this question, we must first compute the seven-day average within each state. Next, we sum the electoral votes for the states Obama is predicted to win. Using the `tapply` function will allow us to efficiently compute the predicted winner for each state on a given day.

Answer 3

```
par(cex = 1.25)
## Empty vectors to store predictions
Obama.predEV <- rep(NA, 90)
for (i in 1:90) {
  ## Subset 7 days around day i
  week.data <- subset(year_2008,
                      subset = (DaysToElection <= (90 - i + 7)) &
                                (DaysToElection > (90 - i)))

  ## Take average price margin within each state
  ## Bind this to the number of EV for each state
  week.means <- cbind(tapply(week.data$obama.intmarg,
                             week.data$state, mean, na.rm = TRUE),
                      tapply(week.data$EV, week.data$state,
                              mean, na.rm = TRUE))

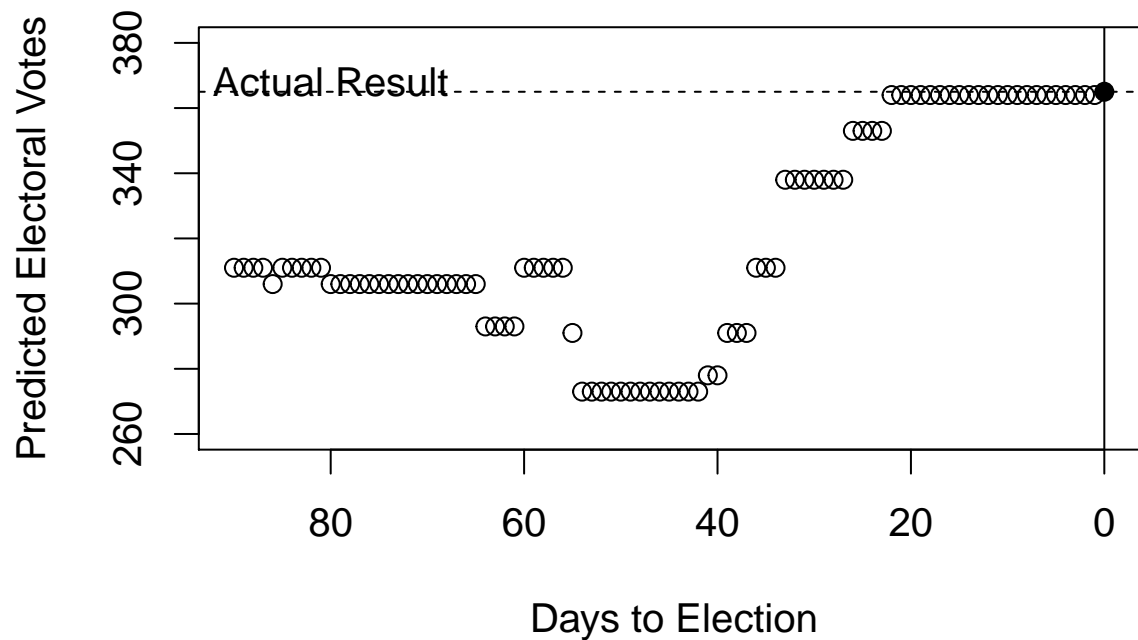
  ## Subset only states where Obama is predicted to win
  week.obwin <- week.means[week.means[, 1] > 0, ]

  ## Sum Obama's predicted EV on a given day
  Obama.predEV[i] <- sum(week.obwin[, 2])
}

## Plot Predicted Electoral Votes from intrade
plot(90:1, Obama.predEV,
     main = "7-Day Average Predicted Obama Electoral Votes",
     xlab = "Days to Election", ylab = "Predicted Electoral Votes",
     xlim = c(90, -1), ylim = c(260, 380))
points(0, 365, pch = 19)
abline(v = 0)
```

```
abline(h = 365, lty = "dashed")
text(80, 368, "Actual Result")
```

7-Day Average Predicted Obama Electoral Votes



```
## I also mentioned the classification in lecture to Identify states misclassified states
latest08$state[sign(latest08$obama.intmarg) != sign(latest08$obama.actmarg)]
```

```
## [1] "IN" "MO"
```

```
## So like in lecture, you can start with an empty vector to store predictions
Obama.7day <- rep(NA, 90)
```

```
for (i in 1:90) {
```

```
  ## Subset by i days to the election
```

```
  week.data <- subset(year_2008, subset = (DaysToElection <= (90 - i + 7)) & (DaysToElection > 90 - i))
```

```
  ## Sum Obama's EV for states with positive price margins
```

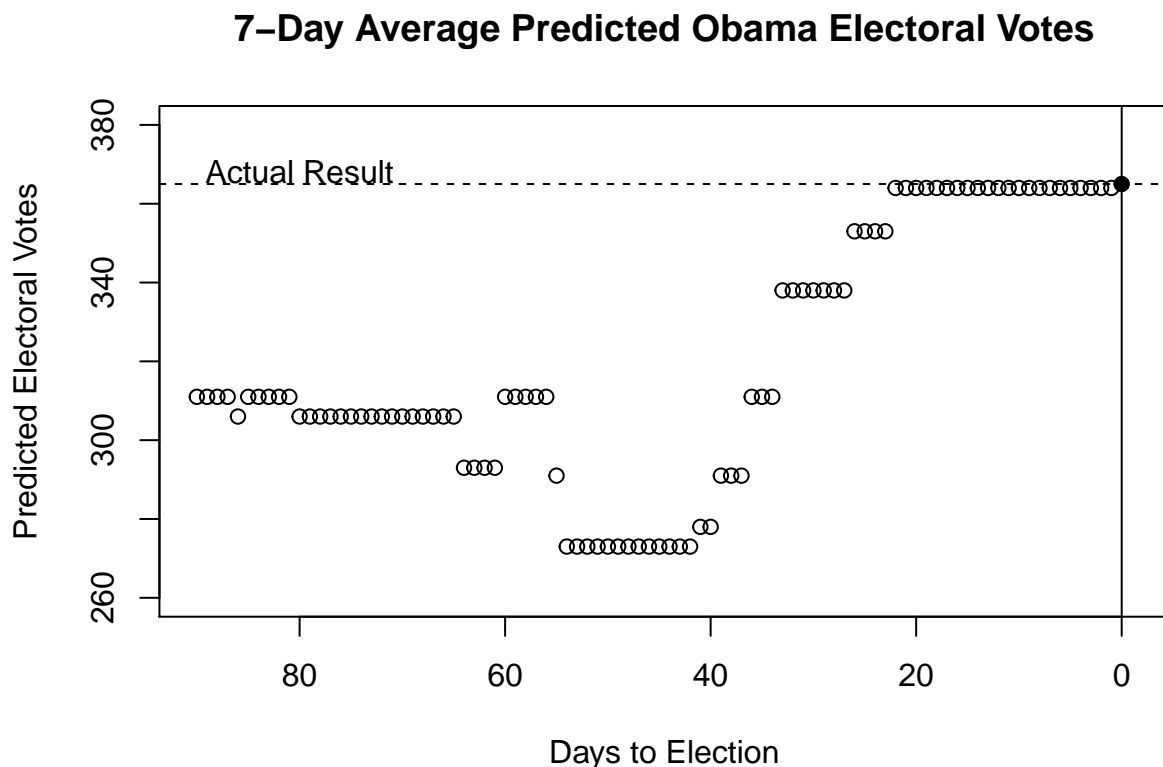
```
  Obama.7day[i] <- sum(daily.data$EV[daily.data$obama.intmarg > 0])
  week.means <- cbind(tapply(week.data$obama.intmarg,
                             week.data$state, mean, na.rm = TRUE),
                     tapply(week.data$EV, week.data$state,
                             mean, na.rm = TRUE))
```

```

week.obwin <- week.means[week.means[, 1] > 0, ]

Obama.7day[i] <- sum(week.obwin[, ])
}
## Plot Predicted Electoral Votes from Intrade
plot(90:1, Obama.predEV,
main = "7-Day Average Predicted Obama Electoral Votes",
xlab = "Days to Election", ylab = "Predicted Electoral Votes",
xlim = c(90, -1), ylim = c(260, 380))
points(0, 365, pch = 19)
abline(v = 0)
abline(h = 365, lty = "dashed")
text(80, 368, "Actual Result")

```



Question 4

Create a similar plot for 2008 state-wide poll predictions using the data file `polls08.csv`. Notice that polls are not conducted daily within each state. Therefore, within a given state for each of the last 90 days of the campaign, we compute the average margin of victory from the most recent poll(s) conducted. If multiple polls occurred on the same day, average these polls. Based on the most recent predictions in each state, sum Obama's total number of predicted electoral votes. One strategy to answer this question is to program two loops - an inner loop with 51 iterations for each state and an outer loop with 90 iterations for each day.

Answer 4

```
pollspres <- merge(polls_2008, election_2008, by = "state")
pollspres$margin <- pollspres$Obama.x - pollspres$McCain.x

pollspres$Daystoelection2008 <- as.Date("2008-11-04") - as.Date(pollspres$middat)

Obama_pols <- rep(NA, 90)

states <- unique(pollspres$state.name)

for (i in 1:90) {
  counter <- 0
  temp_df <- subset(pollspres, subset = (Daystoelection2008 >= i)) # here you need it to be >=i
  for (j in 1:51) {
    bystate <- subset(temp_df, subset = (state.name == states[j]))
    bystate <- subset(temp_df, subset = (Daystoelection2008 == min(bystate$Daystoelection2008, na.rm = TRUE)))
    if(mean(bystate$margin) > 0) {
      counter <- counter + mean(bystate$EV) #here you want to update the counter itself too like so counter + mean(bystate$EV)
    }
  }
}
```

Obama was projected to win 298.2539216 votes based on these predictions.

Question 5

What is the relationship between the price margins of the Intrade market and the actual margin of victory? Using only the market data from the day before the election in 2008, regress Obama's actual margin of victory in each state on Obama's price margin from the Intrade markets. Similarly, in a separate analysis, regress Obama's actual margin of victory on the Obama's predicted margin from the latest polls within each state. Interpret the results of these regressions.

```
year_2008 <- merge(election_2008, trade_2008, by = "state")

#year_2008 <- merge(year_2008, polls_2008, by = "state")

day_before_2008 <- subset(year_2008, subset = (day == "2008-11-04"))

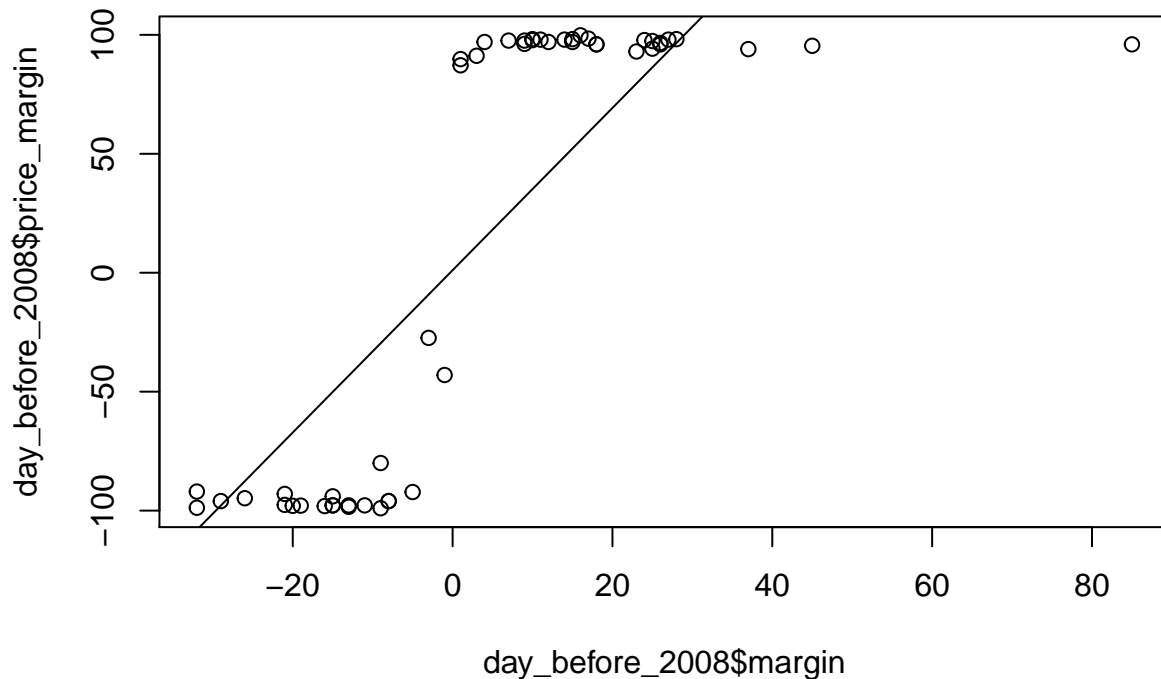
for (i in 1:51) {
  day_before_2008$margin[i] <- day_before_2008$Obama[i] - day_before_2008$McCain[i]
  day_before_2008$price_margin[i] <- day_before_2008$PriceD[i] - day_before_2008$PriceR[i]
  #day_before_2008$poll_margin[i] <- day_before_2008$Obama.y[i] - day_before_2008$McCain.y[i]
}

lm(margin ~ price_margin, day_before_2008)

##
## Call:
## lm(formula = margin ~ price_margin, data = day_before_2008)
##
```

```
## Coefficients:
## (Intercept) price_margin
##      1.3457      0.1882
```

```
plot(day_before_2008$margin, day_before_2008$price_margin, abline(lm(day_before_2008$price_margin ~ day
```



```
day_before_2008 <- merge(day_before_2008, polls_2008, by = "state")
```

```
#day_before_2008 <- subset(day_before_2008, subset = (middate >= "2008-11-04" | middate <= "2008-10-31")
```

```
#for (i in 1:51)
```

Question 6

Do the 2008 predictions of polls and Intrade accurately predict each state's 2012 elections results? Using the fitted regressions from the previous question, forecast Obama's actual margin of victory for the 2012 election in two ways. First, use the 2012 Intrade price margins from the day before the election as the predictor in each state. Recall that the 2012 Intrade data do not contain market prices for all states. Ignore states without data. Second, use the 2012 poll predicted margins from the latest polls in each state as the predictor, found in `polls12.csv`.