options(tidyverse.quiet = TRUE)  
library(tidyverse)  
library(caret)

## Loading required package: lattice

##   
## Attaching package: 'caret'

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

library(ggplot2)  
library(ROCR)  
library(e1071)  
library(mice)

##   
## Attaching package: 'mice'

## The following objects are masked from 'package:base':  
##   
## cbind, rbind

library(VIM)

## Loading required package: colorspace

## Loading required package: grid

## VIM is ready to use.

## Suggestions and bug-reports can be submitted at: https://github.com/statistikat/VIM/issues

##   
## Attaching package: 'VIM'

## The following object is masked from 'package:datasets':  
##   
## sleep

library(ranger)  
library(RColorBrewer)  
library(rattle)

## Loading required package: bitops

## Rattle: A free graphical interface for data science with R.  
## Version 5.4.0 Copyright (c) 2006-2020 Togaware Pty Ltd.  
## Type 'rattle()' to shake, rattle, and roll your data.

##   
## Attaching package: 'rattle'

## The following object is masked from 'package:ranger':  
##   
## importance

## The following object is masked from 'package:VIM':  
##   
## wine

library(rpart)  
library(leaps)  
library(GGally)

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

##   
## Attaching package: 'GGally'

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

library(gridExtra)

##   
## Attaching package: 'gridExtra'

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

library(car)

## Loading required package: carData

##   
## Attaching package: 'car'

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

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

library(lmtest)

## Loading required package: zoo

##   
## Attaching package: 'zoo'

## The following objects are masked from 'package:base':  
##   
## as.Date, as.Date.numeric

library(ggcorrplot)  
library(flexdashboard)  
library(dplyr)  
library(lubridate)

##   
## Attaching package: 'lubridate'

## The following objects are masked from 'package:dplyr':  
##   
## intersect, setdiff, union

## The following objects are masked from 'package:base':  
##   
## date, intersect, setdiff, union

library(readr)  
chicago <- read\_csv("chicago.csv")

## Warning: Missing column names filled in: 'X1' [1]

## Parsed with column specification:  
## cols(  
## .default = col\_character(),  
## X1 = col\_double(),  
## ID = col\_double(),  
## Arrest = col\_logical(),  
## Domestic = col\_logical(),  
## Ward = col\_double(),  
## `Community Area` = col\_double(),  
## `X Coordinate` = col\_double(),  
## `Y Coordinate` = col\_double(),  
## Year = col\_double(),  
## Latitude = col\_double(),  
## Longitude = col\_double()  
## )

## See spec(...) for full column specifications.

chicago = chicago %>%  
 mutate(Block = as.factor(Block)) %>%  
 mutate(IUCR = as.factor(IUCR)) %>%  
 mutate(`Primary Type` = as.factor(`Primary Type`)) %>%  
 mutate(Description = as.factor(Description)) %>%  
 mutate(`Location Description` = as.factor(`Location Description`)) %>%  
 mutate(Arrest = as.factor(Arrest)) %>%  
 mutate(Arrest = fct\_recode(Arrest, "False" = "0", "True" = "1")) %>%  
 mutate(Domestic = as.factor(Domestic)) %>%  
 mutate(Domestic = fct\_recode(Domestic, "False" = "0", "True" = "1")) %>%  
 mutate(Beat = as.factor(Beat)) %>%  
 mutate(District = as.factor(District)) %>%  
 mutate(`FBI Code` = as.factor(`FBI Code`)) %>%  
 mutate(Location = as.double(Location))

## Warning: Unknown levels in `f`: 0, 1  
  
## Warning: Unknown levels in `f`: 0, 1

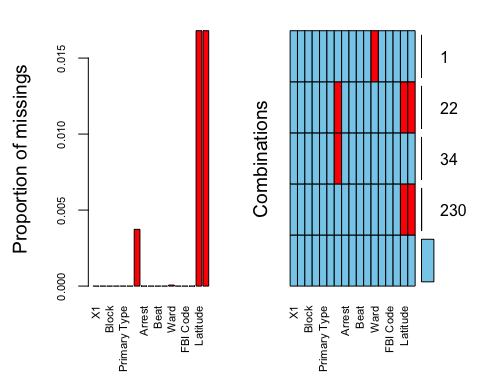
## Warning: NAs introduced by coercion

summary(chicago)

## X1 ID Case Number Date   
## Min. : 1 Min. : 23772 Length:15000 Length:15000   
## 1st Qu.: 3751 1st Qu.:11285515 Class :character Class :character   
## Median : 7500 Median :11374646 Mode :character Mode :character   
## Mean : 7500 Mean :11345315   
## 3rd Qu.:11250 3rd Qu.:11464079   
## Max. :15000 Max. :11944628   
##   
## Block IUCR Primary Type   
## 001XX N STATE ST : 76 0820 :1359 THEFT :3616   
## 0000X N STATE ST : 30 0486 :1332 BATTERY :2784   
## 008XX N MICHIGAN AVE: 26 0460 : 895 CRIMINAL DAMAGE :1560   
## 0000X W TERMINAL ST : 24 0810 : 823 ASSAULT :1131   
## 0000X S STATE ST : 22 0560 : 753 DECEPTIVE PRACTICE:1077   
## 033XX W FILLMORE ST : 21 1320 : 741 OTHER OFFENSE : 995   
## (Other) :14801 (Other):9097 (Other) :3837   
## Description Location Description Arrest   
## SIMPLE :1651 STREET :3338 FALSE:11980   
## $500 AND UNDER :1359 RESIDENCE:2475 TRUE : 3020   
## DOMESTIC BATTERY SIMPLE:1332 APARTMENT:1925   
## OVER $500 : 823 SIDEWALK :1173   
## TO VEHICLE : 776 OTHER : 622   
## TO PROPERTY : 728 (Other) :5411   
## (Other) :8331 NA's : 56   
## Domestic Beat District Ward Community Area   
## FALSE:12550 1834 : 201 011 :1043 Min. : 1.00 Min. : 0.00   
## TRUE : 2450 0112 : 153 008 : 932 1st Qu.:10.00 1st Qu.:23.00   
## 0111 : 146 006 : 931 Median :24.00 Median :32.00   
## 0511 : 140 001 : 899 Mean :23.33 Mean :36.54   
## 0421 : 125 018 : 885 3rd Qu.:35.00 3rd Qu.:53.00   
## 1112 : 119 004 : 791 Max. :50.00 Max. :77.00   
## (Other):14116 (Other):9519 NA's :1   
## FBI Code X Coordinate Y Coordinate Year   
## 06 :3616 Min. :1092706 Min. :1813910 Min. :2018   
## 08B :2333 1st Qu.:1153090 1st Qu.:1859440 1st Qu.:2018   
## 14 :1560 Median :1166725 Median :1894288 Median :2018   
## 26 :1402 Mean :1164772 Mean :1886499 Mean :2018   
## 11 : 980 3rd Qu.:1176468 3rd Qu.:1908752 3rd Qu.:2018   
## 18 : 803 Max. :1204890 Max. :1951493 Max. :2018   
## (Other):4306 NA's :252 NA's :252   
## Updated On Latitude Longitude Location   
## Length:15000 Min. :41.64 Min. :-87.93 Min. : NA   
## Class :character 1st Qu.:41.77 1st Qu.:-87.71 1st Qu.: NA   
## Mode :character Median :41.87 Median :-87.66 Median : NA   
## Mean :41.84 Mean :-87.67 Mean :NaN   
## 3rd Qu.:41.91 3rd Qu.:-87.63 3rd Qu.: NA   
## Max. :42.02 Max. :-87.53 Max. : NA   
## NA's :252 NA's :252 NA's :15000

chicago2 = chicago %>% dplyr::select("X1", "Date", "Block", "IUCR", "Primary Type", "Description", "Location Description", "Arrest", "Domestic", "Beat", "District", "Ward", "Community Area", "FBI Code", "Year", "Latitude", "Longitude")

vim\_plot = aggr(chicago2, numbers = TRUE, prop = c(TRUE, FALSE),cex.axis=.7)



chicago2 = chicago2 %>% mutate(Date = mdy\_hms(Date))

summary(chicago2)

## X1 Date Block   
## Min. : 1 Min. :2018-01-01 00:00:00 001XX N STATE ST : 76   
## 1st Qu.: 3751 1st Qu.:2018-04-11 22:23:00 0000X N STATE ST : 30   
## Median : 7500 Median :2018-07-05 14:30:00 008XX N MICHIGAN AVE: 26   
## Mean : 7500 Mean :2018-07-04 05:10:47 0000X W TERMINAL ST : 24   
## 3rd Qu.:11250 3rd Qu.:2018-09-26 09:48:30 0000X S STATE ST : 22   
## Max. :15000 Max. :2018-12-30 23:40:00 033XX W FILLMORE ST : 21   
## (Other) :14801   
## IUCR Primary Type Description   
## 0820 :1359 THEFT :3616 SIMPLE :1651   
## 0486 :1332 BATTERY :2784 $500 AND UNDER :1359   
## 0460 : 895 CRIMINAL DAMAGE :1560 DOMESTIC BATTERY SIMPLE:1332   
## 0810 : 823 ASSAULT :1131 OVER $500 : 823   
## 0560 : 753 DECEPTIVE PRACTICE:1077 TO VEHICLE : 776   
## 1320 : 741 OTHER OFFENSE : 995 TO PROPERTY : 728   
## (Other):9097 (Other) :3837 (Other) :8331   
## Location Description Arrest Domestic Beat   
## STREET :3338 FALSE:11980 FALSE:12550 1834 : 201   
## RESIDENCE:2475 TRUE : 3020 TRUE : 2450 0112 : 153   
## APARTMENT:1925 0111 : 146   
## SIDEWALK :1173 0511 : 140   
## OTHER : 622 0421 : 125   
## (Other) :5411 1112 : 119   
## NA's : 56 (Other):14116   
## District Ward Community Area FBI Code Year   
## 011 :1043 Min. : 1.00 Min. : 0.00 06 :3616 Min. :2018   
## 008 : 932 1st Qu.:10.00 1st Qu.:23.00 08B :2333 1st Qu.:2018   
## 006 : 931 Median :24.00 Median :32.00 14 :1560 Median :2018   
## 001 : 899 Mean :23.33 Mean :36.54 26 :1402 Mean :2018   
## 018 : 885 3rd Qu.:35.00 3rd Qu.:53.00 11 : 980 3rd Qu.:2018   
## 004 : 791 Max. :50.00 Max. :77.00 18 : 803 Max. :2018   
## (Other):9519 NA's :1 (Other):4306   
## Latitude Longitude   
## Min. :41.64 Min. :-87.93   
## 1st Qu.:41.77 1st Qu.:-87.71   
## Median :41.87 Median :-87.66   
## Mean :41.84 Mean :-87.67   
## 3rd Qu.:41.91 3rd Qu.:-87.63   
## Max. :42.02 Max. :-87.53   
## NA's :252 NA's :252

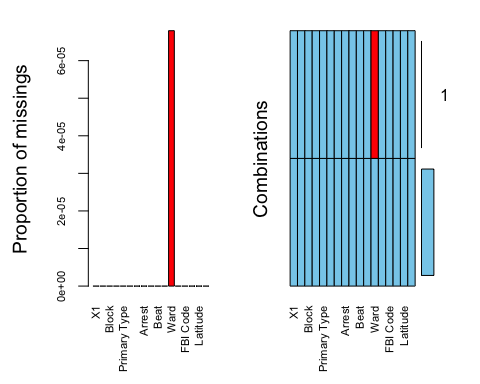
chicago2 = chicago2 %>% drop\_na(Latitude, Longitude)  
summary(chicago2)

## X1 Date Block   
## Min. : 1 Min. :2018-01-01 00:00:00 001XX N STATE ST : 76   
## 1st Qu.: 3745 1st Qu.:2018-04-11 03:24:30 0000X N STATE ST : 30   
## Median : 7496 Median :2018-07-04 15:09:30 008XX N MICHIGAN AVE: 26   
## Mean : 7496 Mean :2018-07-03 08:09:03 0000X W TERMINAL ST : 23   
## 3rd Qu.:11240 3rd Qu.:2018-09-25 00:18:45 0000X S STATE ST : 22   
## Max. :15000 Max. :2018-12-30 23:40:00 011XX S CANAL ST : 20   
## (Other) :14551   
## IUCR Primary Type Description   
## 0486 :1329 THEFT :3543 SIMPLE :1648   
## 0820 :1326 BATTERY :2779 DOMESTIC BATTERY SIMPLE:1329   
## 0460 : 893 CRIMINAL DAMAGE :1550 $500 AND UNDER :1326   
## 0810 : 807 ASSAULT :1128 OVER $500 : 807   
## 0560 : 753 DECEPTIVE PRACTICE: 998 TO VEHICLE : 771   
## 1320 : 736 OTHER OFFENSE : 979 TO PROPERTY : 723   
## (Other):8904 (Other) :3771 (Other) :8144   
## Location Description Arrest Domestic Beat   
## STREET :3321 FALSE:11766 FALSE:12321 1834 : 196   
## RESIDENCE:2405 TRUE : 2982 TRUE : 2427 0112 : 152   
## APARTMENT:1895 0111 : 146   
## SIDEWALK :1163 0511 : 139   
## OTHER : 606 0421 : 125   
## (Other) :5324 1112 : 119   
## NA's : 34 (Other):13871   
## District Ward Community Area FBI Code Year   
## 011 :1027 Min. : 1.00 Min. : 0.00 06 :3543 Min. :2018   
## 008 : 923 1st Qu.:10.00 1st Qu.:23.00 08B :2327 1st Qu.:2018   
## 006 : 918 Median :24.00 Median :32.00 14 :1550 Median :2018   
## 001 : 885 Mean :23.31 Mean :36.59 26 :1391 Mean :2018   
## 018 : 867 3rd Qu.:35.00 3rd Qu.:53.00 11 : 904 3rd Qu.:2018   
## 004 : 781 Max. :50.00 Max. :77.00 08A : 796 Max. :2018   
## (Other):9347 NA's :1 (Other):4237   
## Latitude Longitude   
## Min. :41.64 Min. :-87.93   
## 1st Qu.:41.77 1st Qu.:-87.71   
## Median :41.87 Median :-87.66   
## Mean :41.84 Mean :-87.67   
## 3rd Qu.:41.91 3rd Qu.:-87.63   
## Max. :42.02 Max. :-87.53   
##

chicago2 = chicago2 %>% drop\_na(`Location Description`)  
summary(chicago2)

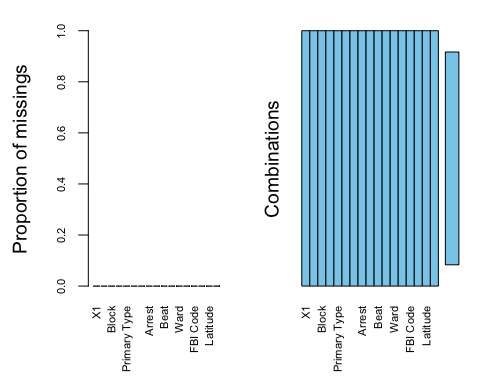
## X1 Date Block   
## Min. : 1 Min. :2018-01-01 00:00:00 001XX N STATE ST : 76   
## 1st Qu.: 3744 1st Qu.:2018-04-11 06:52:30 0000X N STATE ST : 30   
## Median : 7498 Median :2018-07-04 14:21:30 008XX N MICHIGAN AVE: 26   
## Mean : 7498 Mean :2018-07-03 08:27:15 0000X W TERMINAL ST : 23   
## 3rd Qu.:11244 3rd Qu.:2018-09-24 22:30:00 0000X S STATE ST : 22   
## Max. :15000 Max. :2018-12-30 23:40:00 011XX S CANAL ST : 20   
## (Other) :14517   
## IUCR Primary Type Description   
## 0486 :1329 THEFT :3543 SIMPLE :1648   
## 0820 :1326 BATTERY :2779 DOMESTIC BATTERY SIMPLE:1329   
## 0460 : 893 CRIMINAL DAMAGE :1550 $500 AND UNDER :1326   
## 0810 : 807 ASSAULT :1128 OVER $500 : 807   
## 0560 : 753 OTHER OFFENSE : 979 TO VEHICLE : 771   
## 1320 : 736 DECEPTIVE PRACTICE: 964 TO PROPERTY : 723   
## (Other):8870 (Other) :3771 (Other) :8110   
## Location Description Arrest Domestic   
## STREET :3321 FALSE:11732 FALSE:12287   
## RESIDENCE :2405 TRUE : 2982 TRUE : 2427   
## APARTMENT :1895   
## SIDEWALK :1163   
## OTHER : 606   
## PARKING LOT/GARAGE(NON.RESID.): 431   
## (Other) :4893   
## Beat District Ward Community Area FBI Code   
## 1834 : 195 011 :1026 Min. : 1.00 Min. : 0.0 06 :3543   
## 0112 : 152 008 : 923 1st Qu.:10.00 1st Qu.:23.0 08B :2327   
## 0111 : 146 006 : 917 Median :24.00 Median :32.0 14 :1550   
## 0511 : 139 001 : 884 Mean :23.32 Mean :36.6 26 :1391   
## 0421 : 125 018 : 864 3rd Qu.:35.00 3rd Qu.:53.0 11 : 870   
## 1112 : 119 004 : 779 Max. :50.00 Max. :77.0 08A : 796   
## (Other):13838 (Other):9321 NA's :1 (Other):4237   
## Year Latitude Longitude   
## Min. :2018 Min. :41.64 Min. :-87.93   
## 1st Qu.:2018 1st Qu.:41.77 1st Qu.:-87.71   
## Median :2018 Median :41.87 Median :-87.66   
## Mean :2018 Mean :41.84 Mean :-87.67   
## 3rd Qu.:2018 3rd Qu.:41.91 3rd Qu.:-87.63   
## Max. :2018 Max. :42.02 Max. :-87.53   
##

vim\_plot = aggr(chicago2, numbers = TRUE, prop = c(TRUE, FALSE),cex.axis=.7)



chicago2 = chicago2 %>% drop\_na(Ward)  
vim\_plot = aggr(chicago2, numbers = TRUE, prop = c(TRUE, FALSE),cex.axis=.7)

## Warning in plot.aggr(res, ...): not enough horizontal space to display  
## frequencies



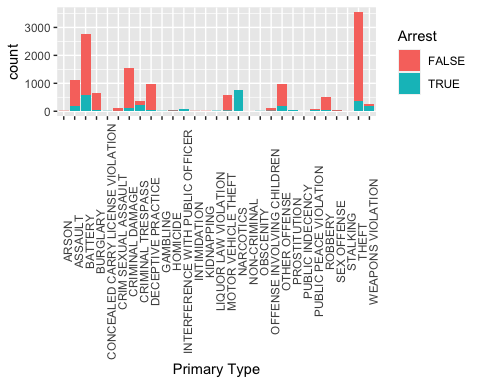
\*Add to ppt: Once I removed all the NAs from the rows containing missing values, I realized I did not lose that much data. (Removed from Latitude, Longitude, and Ward NAs for a total of 14,713 rows, only losing 2% of the data)

summary(chicago2)

## X1 Date Block   
## Min. : 1 Min. :2018-01-01 00:00:00 001XX N STATE ST : 76   
## 1st Qu.: 3744 1st Qu.:2018-04-11 06:30:00 0000X N STATE ST : 30   
## Median : 7498 Median :2018-07-04 13:43:00 008XX N MICHIGAN AVE: 26   
## Mean : 7498 Mean :2018-07-03 08:23:19 0000X W TERMINAL ST : 23   
## 3rd Qu.:11244 3rd Qu.:2018-09-24 22:30:00 0000X S STATE ST : 22   
## Max. :15000 Max. :2018-12-30 23:40:00 011XX S CANAL ST : 20   
## (Other) :14516   
## IUCR Primary Type Description   
## 0486 :1329 THEFT :3543 SIMPLE :1648   
## 0820 :1326 BATTERY :2779 DOMESTIC BATTERY SIMPLE:1329   
## 0460 : 893 CRIMINAL DAMAGE :1550 $500 AND UNDER :1326   
## 0810 : 807 ASSAULT :1128 OVER $500 : 807   
## 0560 : 753 OTHER OFFENSE : 979 TO VEHICLE : 771   
## 1320 : 736 DECEPTIVE PRACTICE: 964 TO PROPERTY : 723   
## (Other):8869 (Other) :3770 (Other) :8109   
## Location Description Arrest Domestic   
## STREET :3321 FALSE:11732 FALSE:12286   
## RESIDENCE :2405 TRUE : 2981 TRUE : 2427   
## APARTMENT :1895   
## SIDEWALK :1163   
## OTHER : 606   
## PARKING LOT/GARAGE(NON.RESID.): 431   
## (Other) :4892   
## Beat District Ward Community Area FBI Code   
## 1834 : 195 011 :1026 Min. : 1.00 Min. : 1.0 06 :3543   
## 0112 : 152 008 : 923 1st Qu.:10.00 1st Qu.:23.0 08B :2327   
## 0111 : 146 006 : 917 Median :24.00 Median :32.0 14 :1550   
## 0511 : 139 001 : 884 Mean :23.32 Mean :36.6 26 :1391   
## 0421 : 125 018 : 864 3rd Qu.:35.00 3rd Qu.:53.0 11 : 870   
## 1112 : 119 004 : 779 Max. :50.00 Max. :77.0 08A : 796   
## (Other):13837 (Other):9320 (Other):4236   
## Year Latitude Longitude   
## Min. :2018 Min. :41.64 Min. :-87.93   
## 1st Qu.:2018 1st Qu.:41.77 1st Qu.:-87.71   
## Median :2018 Median :41.87 Median :-87.66   
## Mean :2018 Mean :41.84 Mean :-87.67   
## 3rd Qu.:2018 3rd Qu.:41.91 3rd Qu.:-87.63   
## Max. :2018 Max. :42.02 Max. :-87.53   
##

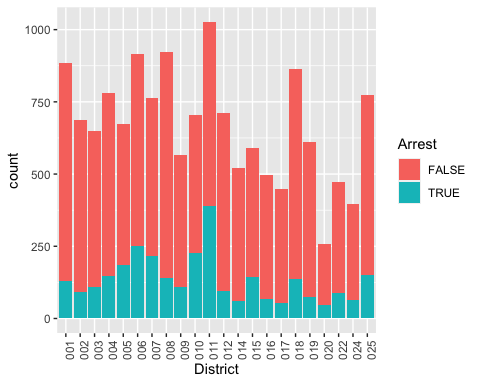
Primary Type

ggplot(chicago2, aes(x = `Primary Type`, fill = Arrest)) +  
 geom\_bar() +  
 theme(axis.text.x=element\_text(angle = 90))



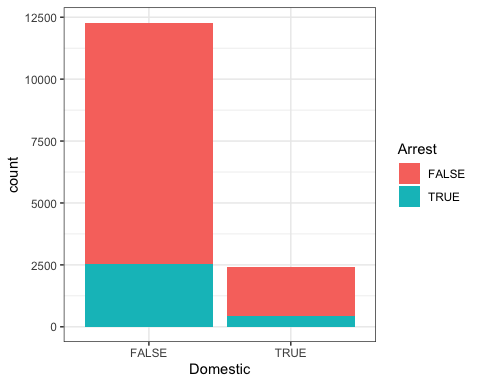
District

ggplot(chicago2, aes(x = District, fill = Arrest)) +  
 geom\_bar() +  
 theme(axis.text.x=element\_text(angle = 90))



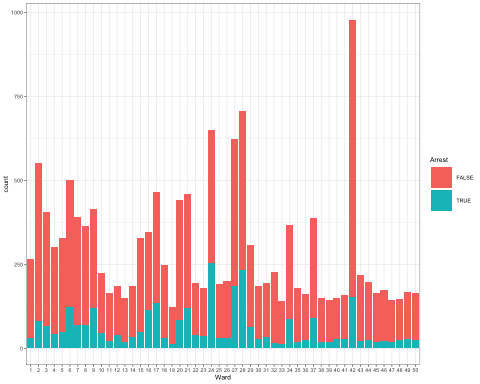
Domestic

ggplot(chicago2, aes(x = Domestic, fill = Arrest)) +  
 geom\_bar() +  
 theme\_bw()

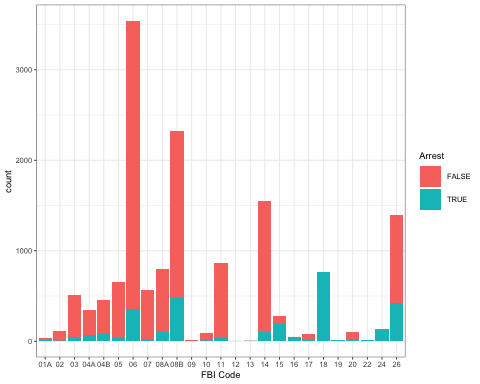


chicago2 = chicago2 %>% mutate(Ward = as.factor(Ward))

ggplot(chicago2, aes(x = Ward, fill = Arrest)) +  
 geom\_bar() +  
 theme\_bw(base\_size = 5)



ggplot(chicago2, aes(x = `FBI Code`, fill = Arrest)) +  
 geom\_bar() +  
 theme\_bw(base\_size = 7)



t1 = table(chicago2$Arrest, chicago2$`Primary Type`)  
prop.table(t1, margin = 2 )

##   
## ARSON ASSAULT BATTERY BURGLARY  
## FALSE 0.92307692 0.84751773 0.79273120 0.94793262  
## TRUE 0.07692308 0.15248227 0.20726880 0.05206738  
##   
## CONCEALED CARRY LICENSE VIOLATION CRIM SEXUAL ASSAULT CRIMINAL DAMAGE  
## FALSE 0.10000000 0.97087379 0.93483871  
## TRUE 0.90000000 0.02912621 0.06516129  
##   
## CRIMINAL TRESPASS DECEPTIVE PRACTICE GAMBLING HOMICIDE  
## FALSE 0.43044619 0.94917012 0.00000000 0.65853659  
## TRUE 0.56955381 0.05082988 1.00000000 0.34146341  
##   
## INTERFERENCE WITH PUBLIC OFFICER INTIMIDATION KIDNAPPING  
## FALSE 0.00000000 0.81818182 1.00000000  
## TRUE 1.00000000 0.18181818 0.00000000  
##   
## LIQUOR LAW VIOLATION MOTOR VEHICLE THEFT NARCOTICS NON-CRIMINAL  
## FALSE 0.00000000 0.95782074 0.00000000 1.00000000  
## TRUE 1.00000000 0.04217926 1.00000000 0.00000000  
##   
## OBSCENITY OFFENSE INVOLVING CHILDREN OTHER OFFENSE PROSTITUTION  
## FALSE 0.11111111 0.88800000 0.79264556 0.00000000  
## TRUE 0.88888889 0.11200000 0.20735444 1.00000000  
##   
## PUBLIC INDECENCY PUBLIC PEACE VIOLATION ROBBERY SEX OFFENSE  
## FALSE 0.00000000 0.34117647 0.92635659 0.90000000  
## TRUE 1.00000000 0.65882353 0.07364341 0.10000000  
##   
## STALKING THEFT WEAPONS VIOLATION  
## FALSE 0.66666667 0.89839119 0.31985294  
## TRUE 0.33333333 0.10160881 0.68014706

t2 = table(chicago2$Arrest, chicago2$Domestic)  
prop.table(t2, margin = 2)

##   
## FALSE TRUE  
## FALSE 0.7926909 0.8211784  
## TRUE 0.2073091 0.1788216

t3 = table(chicago2$Arrest, chicago2$`FBI Code`)  
prop.table(t3, margin = 2)

##   
## 01A 02 03 04A 04B 05  
## FALSE 0.65853659 0.96491228 0.92635659 0.80588235 0.78854626 0.94793262  
## TRUE 0.34146341 0.03508772 0.07364341 0.19411765 0.21145374 0.05206738  
##   
## 06 07 08A 08B 09 10  
## FALSE 0.89839119 0.95782074 0.86557789 0.79372583 0.92307692 0.90909091  
## TRUE 0.10160881 0.04217926 0.13442211 0.20627417 0.07692308 0.09090909  
##   
## 11 12 13 14 15 16  
## FALSE 0.95747126 0.00000000 0.40000000 0.93483871 0.31205674 0.02325581  
## TRUE 0.04252874 1.00000000 0.60000000 0.06516129 0.68794326 0.97674419  
##   
## 17 18 19 20 22 24  
## FALSE 0.82352941 0.00000000 0.00000000 0.87000000 0.00000000 0.12142857  
## TRUE 0.17647059 1.00000000 1.00000000 0.13000000 1.00000000 0.87857143  
##   
## 26  
## FALSE 0.69230769  
## TRUE 0.30769231

mod1 = glm(Arrest ~ `Primary Type` , chicago2, family = "binomial")  
summary(mod1)

##   
## Call:  
## glm(formula = Arrest ~ `Primary Type`, family = "binomial", data = chicago2)  
##   
## Deviance Residuals:   
## Min 1Q Median 3Q Max   
## -2.1460 -0.5752 -0.4629 -0.3230 2.6594   
##   
## Coefficients:  
## Estimate Std. Error z value  
## (Intercept) -2.48491 1.04083 -2.387  
## `Primary Type`ASSAULT 0.76964 1.04412 0.737  
## `Primary Type`BATTERY 1.14344 1.04188 1.097  
## `Primary Type`BURGLARY -0.41684 1.05563 -0.395  
## `Primary Type`CONCEALED CARRY LICENSE VIOLATION 4.68213 1.48137 3.161  
## `Primary Type`CRIM SEXUAL ASSAULT -1.02165 1.19443 -0.855  
## `Primary Type`CRIMINAL DAMAGE -0.17860 1.04591 -0.171  
## `Primary Type`CRIMINAL TRESPASS 2.76494 1.04596 2.643  
## `Primary Type`DECEPTIVE PRACTICE -0.44220 1.05111 -0.421  
## `Primary Type`GAMBLING 20.05098 1192.83370 0.017  
## `Primary Type`HOMICIDE 1.82813 1.09170 1.675  
## `Primary Type`INTERFERENCE WITH PUBLIC OFFICER 20.05098 463.03705 0.043  
## `Primary Type`INTIMIDATION 0.98083 1.30171 0.753  
## `Primary Type`KIDNAPPING -15.08116 1318.72719 -0.011  
## `Primary Type`LIQUOR LAW VIOLATION 20.05098 1057.33418 0.019  
## `Primary Type`MOTOR VEHICLE THEFT -0.63783 1.06152 -0.601  
## `Primary Type`NARCOTICS 20.05098 142.85318 0.140  
## `Primary Type`NON-CRIMINAL -15.08116 2797.44213 -0.005  
## `Primary Type`OBSCENITY 4.56435 1.48605 3.071  
## `Primary Type`OFFENSE INVOLVING CHILDREN 0.41443 1.07878 0.384  
## `Primary Type`OTHER OFFENSE 1.14396 1.04381 1.096  
## `Primary Type`PROSTITUTION 20.05098 610.45277 0.033  
## `Primary Type`PUBLIC INDECENCY 20.05098 3956.18046 0.005  
## `Primary Type`PUBLIC PEACE VIOLATION 3.14296 1.06568 2.949  
## `Primary Type`ROBBERY -0.04712 1.05439 -0.045  
## `Primary Type`SEX OFFENSE 0.28768 1.12629 0.255  
## `Primary Type`STALKING 1.79176 1.60728 1.115  
## `Primary Type`THEFT 0.30543 1.04232 0.293  
## `Primary Type`WEAPONS VIOLATION 3.23935 1.04892 3.088  
## Pr(>|z|)   
## (Intercept) 0.01697 \*   
## `Primary Type`ASSAULT 0.46105   
## `Primary Type`BATTERY 0.27244   
## `Primary Type`BURGLARY 0.69294   
## `Primary Type`CONCEALED CARRY LICENSE VIOLATION 0.00157 \*\*  
## `Primary Type`CRIM SEXUAL ASSAULT 0.39236   
## `Primary Type`CRIMINAL DAMAGE 0.86441   
## `Primary Type`CRIMINAL TRESPASS 0.00821 \*\*  
## `Primary Type`DECEPTIVE PRACTICE 0.67398   
## `Primary Type`GAMBLING 0.98659   
## `Primary Type`HOMICIDE 0.09402 .   
## `Primary Type`INTERFERENCE WITH PUBLIC OFFICER 0.96546   
## `Primary Type`INTIMIDATION 0.45115   
## `Primary Type`KIDNAPPING 0.99088   
## `Primary Type`LIQUOR LAW VIOLATION 0.98487   
## `Primary Type`MOTOR VEHICLE THEFT 0.54793   
## `Primary Type`NARCOTICS 0.88837   
## `Primary Type`NON-CRIMINAL 0.99570   
## `Primary Type`OBSCENITY 0.00213 \*\*  
## `Primary Type`OFFENSE INVOLVING CHILDREN 0.70085   
## `Primary Type`OTHER OFFENSE 0.27310   
## `Primary Type`PROSTITUTION 0.97380   
## `Primary Type`PUBLIC INDECENCY 0.99596   
## `Primary Type`PUBLIC PEACE VIOLATION 0.00319 \*\*  
## `Primary Type`ROBBERY 0.96436   
## `Primary Type`SEX OFFENSE 0.79839   
## `Primary Type`STALKING 0.26494   
## `Primary Type`THEFT 0.76950   
## `Primary Type`WEAPONS VIOLATION 0.00201 \*\*  
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1  
##   
## (Dispersion parameter for binomial family taken to be 1)  
##   
## Null deviance: 14831 on 14712 degrees of freedom  
## Residual deviance: 10211 on 14684 degrees of freedom  
## AIC: 10269  
##   
## Number of Fisher Scoring iterations: 16

mod2 = glm(Arrest ~ `Location Description` , chicago2, family = "binomial")  
summary(mod2)

##   
## Call:  
## glm(formula = Arrest ~ `Location Description`, family = "binomial",   
## data = chicago2)  
##   
## Deviance Residuals:   
## Min 1Q Median 3Q Max   
## -1.6163 -0.6980 -0.5774 -0.4566 2.8310   
##   
## Coefficients:  
## Estimate  
## (Intercept) -0.47000  
## `Location Description`AIRCRAFT -15.09606  
## `Location Description`AIRPORT BUILDING NON-TERMINAL - NON-SECURE AREA -0.44629  
## `Location Description`AIRPORT BUILDING NON-TERMINAL - SECURE AREA -0.62861  
## `Location Description`AIRPORT EXTERIOR - NON-SECURE AREA -0.78276  
## `Location Description`AIRPORT PARKING LOT -15.09606  
## `Location Description`AIRPORT TERMINAL LOWER LEVEL - NON-SECURE AREA -0.22314  
## `Location Description`AIRPORT TERMINAL LOWER LEVEL - SECURE AREA 0.06454  
## `Location Description`AIRPORT TERMINAL UPPER LEVEL - NON-SECURE AREA -15.09606  
## `Location Description`AIRPORT TERMINAL UPPER LEVEL - SECURE AREA -0.48551  
## `Location Description`AIRPORT TRANSPORTATION SYSTEM (ATS) -15.09606  
## `Location Description`AIRPORT VENDING ESTABLISHMENT -15.09606  
## `Location Description`ALLEY -0.31648  
## `Location Description`ANIMAL HOSPITAL -15.09606  
## `Location Description`APARTMENT -1.23693  
## `Location Description`APPLIANCE STORE -0.22314  
## `Location Description`ATHLETIC CLUB -2.42037  
## `Location Description`ATM (AUTOMATIC TELLER MACHINE) -2.52573  
## `Location Description`AUTO -15.09606  
## `Location Description`AUTO / BOAT / RV DEALERSHIP -15.09606  
## `Location Description`BANK -3.51898  
## `Location Description`BAR OR TAVERN -0.99228  
## `Location Description`BARBERSHOP -15.09606  
## `Location Description`BOAT/WATERCRAFT -15.09606  
## `Location Description`BOWLING ALLEY -15.09606  
## `Location Description`BRIDGE -15.09606  
## `Location Description`CAR WASH -0.91629  
## `Location Description`CEMETARY -15.09606  
## `Location Description`CHA APARTMENT -0.22314  
## `Location Description`CHA HALLWAY/STAIRWELL/ELEVATOR 0.47000  
## `Location Description`CHA PARKING LOT/GROUNDS 0.30295  
## `Location Description`CHURCH/SYNAGOGUE/PLACE OF WORSHIP -1.65026  
## `Location Description`CLEANING STORE -15.09606  
## `Location Description`COLLEGE/UNIVERSITY GROUNDS -15.09606  
## `Location Description`COLLEGE/UNIVERSITY RESIDENCE HALL -15.09606  
## `Location Description`COMMERCIAL / BUSINESS OFFICE -2.72184  
## `Location Description`CONSTRUCTION SITE -2.09495  
## `Location Description`CONVENIENCE STORE -0.48097  
## `Location Description`CTA BUS -0.75866  
## `Location Description`CTA BUS STOP -0.22314  
## `Location Description`CTA GARAGE / OTHER PROPERTY -1.03407  
## `Location Description`CTA PLATFORM -0.51083  
## `Location Description`CTA STATION 0.30295  
## `Location Description`CTA TRAIN -2.24753  
## `Location Description`CURRENCY EXCHANGE -1.26460  
## `Location Description`DAY CARE CENTER -1.32176  
## `Location Description`DEPARTMENT STORE 0.26660  
## `Location Description`DRIVEWAY - RESIDENTIAL -1.43954  
## `Location Description`DRUG STORE -0.10054  
## `Location Description`FACTORY/MANUFACTURING BUILDING -15.09606  
## `Location Description`FEDERAL BUILDING -15.09606  
## `Location Description`FIRE STATION -15.09606  
## `Location Description`FOREST PRESERVE -15.09606  
## `Location Description`GAS STATION -0.38478  
## `Location Description`GOVERNMENT BUILDING 16.03607  
## `Location Description`GOVERNMENT BUILDING/PROPERTY -0.54160  
## `Location Description`GROCERY FOOD STORE 0.13836  
## `Location Description`HALLWAY 16.03607  
## `Location Description`HIGHWAY/EXPRESSWAY 16.03607  
## `Location Description`HOSPITAL BUILDING/GROUNDS -0.27721  
## `Location Description`HOTEL 16.03607  
## `Location Description`HOTEL/MOTEL -1.03407  
## `Location Description`HOUSE 0.47000  
## `Location Description`JAIL / LOCK-UP FACILITY 0.47000  
## `Location Description`LAKEFRONT/WATERFRONT/RIVERBANK -0.62861  
## `Location Description`LIBRARY -0.04082  
## `Location Description`MEDICAL/DENTAL OFFICE -2.23805  
## `Location Description`MOVIE HOUSE/THEATER -15.09606  
## `Location Description`NURSING HOME/RETIREMENT HOME -2.78809  
## `Location Description`OTHER -1.73827  
## `Location Description`OTHER COMMERCIAL TRANSPORTATION -0.91629  
## `Location Description`OTHER RAILROAD PROP / TRAIN DEPOT 0.98083  
## `Location Description`PARK PROPERTY -0.90305  
## `Location Description`PARKING LOT 16.03607  
## `Location Description`PARKING LOT/GARAGE(NON.RESID.) -1.07138  
## `Location Description`PAWN SHOP -15.09606  
## `Location Description`POLICE FACILITY/VEH PARKING LOT 1.46040  
## `Location Description`POOL ROOM -15.09606  
## `Location Description`PORCH -0.22314  
## `Location Description`RESIDENCE -1.65321  
## `Location Description`RESIDENCE PORCH/HALLWAY -1.05605  
## `Location Description`RESIDENCE-GARAGE -2.41530  
## `Location Description`RESIDENTIAL YARD (FRONT/BACK) -1.01538  
## `Location Description`RESTAURANT -1.57065  
## `Location Description`SAVINGS AND LOAN -15.09606  
## `Location Description`SCHOOL, PRIVATE, BUILDING -1.43954  
## `Location Description`SCHOOL, PRIVATE, GROUNDS -0.44629  
## `Location Description`SCHOOL, PUBLIC, BUILDING -0.94866  
## `Location Description`SCHOOL, PUBLIC, GROUNDS -1.59142  
## `Location Description`SIDEWALK -0.01933  
## `Location Description`SMALL RETAIL STORE -0.84174  
## `Location Description`SPORTS ARENA/STADIUM -0.70865  
## `Location Description`STREET -0.81795  
## `Location Description`TAVERN/LIQUOR STORE -0.28377  
## `Location Description`TAXICAB -15.09606  
## `Location Description`VACANT LOT 0.47000  
## `Location Description`VACANT LOT/LAND 0.55005  
## `Location Description`VEHICLE - DELIVERY TRUCK -15.09606  
## `Location Description`VEHICLE - OTHER RIDE SHARE SERVICE (E.G., UBER, LYFT) -1.92789  
## `Location Description`VEHICLE NON-COMMERCIAL -0.57708  
## `Location Description`VEHICLE-COMMERCIAL -2.16905  
## `Location Description`VEHICLE-COMMERCIAL - ENTERTAINMENT/PARTY BUS -15.09606  
## `Location Description`WAREHOUSE -1.72722  
## `Location Description`YARD -15.09606  
## Std. Error  
## (Intercept) 0.57009  
## `Location Description`AIRCRAFT 840.27435  
## `Location Description`AIRPORT BUILDING NON-TERMINAL - NON-SECURE AREA 1.01242  
## `Location Description`AIRPORT BUILDING NON-TERMINAL - SECURE AREA 1.28776  
## `Location Description`AIRPORT EXTERIOR - NON-SECURE AREA 0.98380  
## `Location Description`AIRPORT PARKING LOT 840.27435  
## `Location Description`AIRPORT TERMINAL LOWER LEVEL - NON-SECURE AREA 0.83666  
## `Location Description`AIRPORT TERMINAL LOWER LEVEL - SECURE AREA 1.07626  
## `Location Description`AIRPORT TERMINAL UPPER LEVEL - NON-SECURE AREA 840.27435  
## `Location Description`AIRPORT TERMINAL UPPER LEVEL - SECURE AREA 0.77584  
## `Location Description`AIRPORT TRANSPORTATION SYSTEM (ATS) 1455.39764  
## `Location Description`AIRPORT VENDING ESTABLISHMENT 840.27435  
## `Location Description`ALLEY 0.58380  
## `Location Description`ANIMAL HOSPITAL 1029.12162  
## `Location Description`APARTMENT 0.57364  
## `Location Description`APPLIANCE STORE 1.03682  
## `Location Description`ATHLETIC CLUB 1.17497  
## `Location Description`ATM (AUTOMATIC TELLER MACHINE) 1.17260  
## `Location Description`AUTO 650.87381  
## `Location Description`AUTO / BOAT / RV DEALERSHIP 438.81924  
## `Location Description`BANK 1.15910  
## `Location Description`BAR OR TAVERN 0.62436  
## `Location Description`BARBERSHOP 388.97177  
## `Location Description`BOAT/WATERCRAFT 1455.39764  
## `Location Description`BOWLING ALLEY 1455.39764  
## `Location Description`BRIDGE 1455.39764  
## `Location Description`CAR WASH 1.25499  
## `Location Description`CEMETARY 1455.39764  
## `Location Description`CHA APARTMENT 0.67082  
## `Location Description`CHA HALLWAY/STAIRWELL/ELEVATOR 0.90830  
## `Location Description`CHA PARKING LOT/GROUNDS 0.70202  
## `Location Description`CHURCH/SYNAGOGUE/PLACE OF WORSHIP 0.83566  
## `Location Description`CLEANING STORE 727.69899  
## `Location Description`COLLEGE/UNIVERSITY GROUNDS 420.13747  
## `Location Description`COLLEGE/UNIVERSITY RESIDENCE HALL 1455.39764  
## `Location Description`COMMERCIAL / BUSINESS OFFICE 0.81978  
## `Location Description`CONSTRUCTION SITE 1.18403  
## `Location Description`CONVENIENCE STORE 0.60479  
## `Location Description`CTA BUS 0.65782  
## `Location Description`CTA BUS STOP 0.68920  
## `Location Description`CTA GARAGE / OTHER PROPERTY 0.96753  
## `Location Description`CTA PLATFORM 0.64550  
## `Location Description`CTA STATION 0.61721  
## `Location Description`CTA TRAIN 0.69086  
## `Location Description`CURRENCY EXCHANGE 0.84685  
## `Location Description`DAY CARE CENTER 0.95307  
## `Location Description`DEPARTMENT STORE 0.58194  
## `Location Description`DRIVEWAY - RESIDENTIAL 0.78233  
## `Location Description`DRUG STORE 0.62065  
## `Location Description`FACTORY/MANUFACTURING BUILDING 594.16383  
## `Location Description`FEDERAL BUILDING 1455.39764  
## `Location Description`FIRE STATION 1029.12162  
## `Location Description`FOREST PRESERVE 1455.39764  
## `Location Description`GAS STATION 0.59161  
## `Location Description`GOVERNMENT BUILDING 1455.39764  
## `Location Description`GOVERNMENT BUILDING/PROPERTY 0.70389  
## `Location Description`GROCERY FOOD STORE 0.58677  
## `Location Description`HALLWAY 1455.39764  
## `Location Description`HIGHWAY/EXPRESSWAY 1455.39764  
## `Location Description`HOSPITAL BUILDING/GROUNDS 0.61610  
## `Location Description`HOTEL 1455.39764  
## `Location Description`HOTEL/MOTEL 0.63355  
## `Location Description`HOUSE 1.52480  
## `Location Description`JAIL / LOCK-UP FACILITY 1.52480  
## `Location Description`LAKEFRONT/WATERFRONT/RIVERBANK 1.28776  
## `Location Description`LIBRARY 0.76920  
## `Location Description`MEDICAL/DENTAL OFFICE 1.17969  
## `Location Description`MOVIE HOUSE/THEATER 650.87381  
## `Location Description`NURSING HOME/RETIREMENT HOME 0.91882  
## `Location Description`OTHER 0.58609  
## `Location Description`OTHER COMMERCIAL TRANSPORTATION 1.25499  
## `Location Description`OTHER RAILROAD PROP / TRAIN DEPOT 0.92646  
## `Location Description`PARK PROPERTY 0.62527  
## `Location Description`PARKING LOT 1455.39764  
## `Location Description`PARKING LOT/GARAGE(NON.RESID.) 0.58393  
## `Location Description`PAWN SHOP 1455.39764  
## `Location Description`POLICE FACILITY/VEH PARKING LOT 0.65612  
## `Location Description`POOL ROOM 1455.39764  
## `Location Description`PORCH 1.35093  
## `Location Description`RESIDENCE 0.57390  
## `Location Description`RESIDENCE PORCH/HALLWAY 0.59106  
## `Location Description`RESIDENCE-GARAGE 0.64883  
## `Location Description`RESIDENTIAL YARD (FRONT/BACK) 0.59207  
## `Location Description`RESTAURANT 0.59124  
## `Location Description`SAVINGS AND LOAN 1455.39764  
## `Location Description`SCHOOL, PRIVATE, BUILDING 0.78233  
## `Location Description`SCHOOL, PRIVATE, GROUNDS 1.01242  
## `Location Description`SCHOOL, PUBLIC, BUILDING 0.59807  
## `Location Description`SCHOOL, PUBLIC, GROUNDS 0.69716  
## `Location Description`SIDEWALK 0.57328  
## `Location Description`SMALL RETAIL STORE 0.58274  
## `Location Description`SPORTS ARENA/STADIUM 0.80742  
## `Location Description`STREET 0.57164  
## `Location Description`TAVERN/LIQUOR STORE 0.71332  
## `Location Description`TAXICAB 317.59429  
## `Location Description`VACANT LOT 1.52480  
## `Location Description`VACANT LOT/LAND 0.63650  
## `Location Description`VEHICLE - DELIVERY TRUCK 840.27435  
## `Location Description`VEHICLE - OTHER RIDE SHARE SERVICE (E.G., UBER, LYFT) 1.18992  
## `Location Description`VEHICLE NON-COMMERCIAL 0.58609  
## `Location Description`VEHICLE-COMMERCIAL 1.18171  
## `Location Description`VEHICLE-COMMERCIAL - ENTERTAINMENT/PARTY BUS 1455.39764  
## `Location Description`WAREHOUSE 0.93838  
## `Location Description`YARD 1455.39764  
## z value  
## (Intercept) -0.824  
## `Location Description`AIRCRAFT -0.018  
## `Location Description`AIRPORT BUILDING NON-TERMINAL - NON-SECURE AREA -0.441  
## `Location Description`AIRPORT BUILDING NON-TERMINAL - SECURE AREA -0.488  
## `Location Description`AIRPORT EXTERIOR - NON-SECURE AREA -0.796  
## `Location Description`AIRPORT PARKING LOT -0.018  
## `Location Description`AIRPORT TERMINAL LOWER LEVEL - NON-SECURE AREA -0.267  
## `Location Description`AIRPORT TERMINAL LOWER LEVEL - SECURE AREA 0.060  
## `Location Description`AIRPORT TERMINAL UPPER LEVEL - NON-SECURE AREA -0.018  
## `Location Description`AIRPORT TERMINAL UPPER LEVEL - SECURE AREA -0.626  
## `Location Description`AIRPORT TRANSPORTATION SYSTEM (ATS) -0.010  
## `Location Description`AIRPORT VENDING ESTABLISHMENT -0.018  
## `Location Description`ALLEY -0.542  
## `Location Description`ANIMAL HOSPITAL -0.015  
## `Location Description`APARTMENT -2.156  
## `Location Description`APPLIANCE STORE -0.215  
## `Location Description`ATHLETIC CLUB -2.060  
## `Location Description`ATM (AUTOMATIC TELLER MACHINE) -2.154  
## `Location Description`AUTO -0.023  
## `Location Description`AUTO / BOAT / RV DEALERSHIP -0.034  
## `Location Description`BANK -3.036  
## `Location Description`BAR OR TAVERN -1.589  
## `Location Description`BARBERSHOP -0.039  
## `Location Description`BOAT/WATERCRAFT -0.010  
## `Location Description`BOWLING ALLEY -0.010  
## `Location Description`BRIDGE -0.010  
## `Location Description`CAR WASH -0.730  
## `Location Description`CEMETARY -0.010  
## `Location Description`CHA APARTMENT -0.333  
## `Location Description`CHA HALLWAY/STAIRWELL/ELEVATOR 0.517  
## `Location Description`CHA PARKING LOT/GROUNDS 0.432  
## `Location Description`CHURCH/SYNAGOGUE/PLACE OF WORSHIP -1.975  
## `Location Description`CLEANING STORE -0.021  
## `Location Description`COLLEGE/UNIVERSITY GROUNDS -0.036  
## `Location Description`COLLEGE/UNIVERSITY RESIDENCE HALL -0.010  
## `Location Description`COMMERCIAL / BUSINESS OFFICE -3.320  
## `Location Description`CONSTRUCTION SITE -1.769  
## `Location Description`CONVENIENCE STORE -0.795  
## `Location Description`CTA BUS -1.153  
## `Location Description`CTA BUS STOP -0.324  
## `Location Description`CTA GARAGE / OTHER PROPERTY -1.069  
## `Location Description`CTA PLATFORM -0.791  
## `Location Description`CTA STATION 0.491  
## `Location Description`CTA TRAIN -3.253  
## `Location Description`CURRENCY EXCHANGE -1.493  
## `Location Description`DAY CARE CENTER -1.387  
## `Location Description`DEPARTMENT STORE 0.458  
## `Location Description`DRIVEWAY - RESIDENTIAL -1.840  
## `Location Description`DRUG STORE -0.162  
## `Location Description`FACTORY/MANUFACTURING BUILDING -0.025  
## `Location Description`FEDERAL BUILDING -0.010  
## `Location Description`FIRE STATION -0.015  
## `Location Description`FOREST PRESERVE -0.010  
## `Location Description`GAS STATION -0.650  
## `Location Description`GOVERNMENT BUILDING 0.011  
## `Location Description`GOVERNMENT BUILDING/PROPERTY -0.769  
## `Location Description`GROCERY FOOD STORE 0.236  
## `Location Description`HALLWAY 0.011  
## `Location Description`HIGHWAY/EXPRESSWAY 0.011  
## `Location Description`HOSPITAL BUILDING/GROUNDS -0.450  
## `Location Description`HOTEL 0.011  
## `Location Description`HOTEL/MOTEL -1.632  
## `Location Description`HOUSE 0.308  
## `Location Description`JAIL / LOCK-UP FACILITY 0.308  
## `Location Description`LAKEFRONT/WATERFRONT/RIVERBANK -0.488  
## `Location Description`LIBRARY -0.053  
## `Location Description`MEDICAL/DENTAL OFFICE -1.897  
## `Location Description`MOVIE HOUSE/THEATER -0.023  
## `Location Description`NURSING HOME/RETIREMENT HOME -3.034  
## `Location Description`OTHER -2.966  
## `Location Description`OTHER COMMERCIAL TRANSPORTATION -0.730  
## `Location Description`OTHER RAILROAD PROP / TRAIN DEPOT 1.059  
## `Location Description`PARK PROPERTY -1.444  
## `Location Description`PARKING LOT 0.011  
## `Location Description`PARKING LOT/GARAGE(NON.RESID.) -1.835  
## `Location Description`PAWN SHOP -0.010  
## `Location Description`POLICE FACILITY/VEH PARKING LOT 2.226  
## `Location Description`POOL ROOM -0.010  
## `Location Description`PORCH -0.165  
## `Location Description`RESIDENCE -2.881  
## `Location Description`RESIDENCE PORCH/HALLWAY -1.787  
## `Location Description`RESIDENCE-GARAGE -3.723  
## `Location Description`RESIDENTIAL YARD (FRONT/BACK) -1.715  
## `Location Description`RESTAURANT -2.657  
## `Location Description`SAVINGS AND LOAN -0.010  
## `Location Description`SCHOOL, PRIVATE, BUILDING -1.840  
## `Location Description`SCHOOL, PRIVATE, GROUNDS -0.441  
## `Location Description`SCHOOL, PUBLIC, BUILDING -1.586  
## `Location Description`SCHOOL, PUBLIC, GROUNDS -2.283  
## `Location Description`SIDEWALK -0.034  
## `Location Description`SMALL RETAIL STORE -1.444  
## `Location Description`SPORTS ARENA/STADIUM -0.878  
## `Location Description`STREET -1.431  
## `Location Description`TAVERN/LIQUOR STORE -0.398  
## `Location Description`TAXICAB -0.048  
## `Location Description`VACANT LOT 0.308  
## `Location Description`VACANT LOT/LAND 0.864  
## `Location Description`VEHICLE - DELIVERY TRUCK -0.018  
## `Location Description`VEHICLE - OTHER RIDE SHARE SERVICE (E.G., UBER, LYFT) -1.620  
## `Location Description`VEHICLE NON-COMMERCIAL -0.985  
## `Location Description`VEHICLE-COMMERCIAL -1.836  
## `Location Description`VEHICLE-COMMERCIAL - ENTERTAINMENT/PARTY BUS -0.010  
## `Location Description`WAREHOUSE -1.841  
## `Location Description`YARD -0.010  
## Pr(>|z|)  
## (Intercept) 0.409689  
## `Location Description`AIRCRAFT 0.985666  
## `Location Description`AIRPORT BUILDING NON-TERMINAL - NON-SECURE AREA 0.659350  
## `Location Description`AIRPORT BUILDING NON-TERMINAL - SECURE AREA 0.625451  
## `Location Description`AIRPORT EXTERIOR - NON-SECURE AREA 0.426235  
## `Location Description`AIRPORT PARKING LOT 0.985666  
## `Location Description`AIRPORT TERMINAL LOWER LEVEL - NON-SECURE AREA 0.789694  
## `Location Description`AIRPORT TERMINAL LOWER LEVEL - SECURE AREA 0.952183  
## `Location Description`AIRPORT TERMINAL UPPER LEVEL - NON-SECURE AREA 0.985666  
## `Location Description`AIRPORT TERMINAL UPPER LEVEL - SECURE AREA 0.531455  
## `Location Description`AIRPORT TRANSPORTATION SYSTEM (ATS) 0.991724  
## `Location Description`AIRPORT VENDING ESTABLISHMENT 0.985666  
## `Location Description`ALLEY 0.587751  
## `Location Description`ANIMAL HOSPITAL 0.988296  
## `Location Description`APARTMENT 0.031061  
## `Location Description`APPLIANCE STORE 0.829597  
## `Location Description`ATHLETIC CLUB 0.039404  
## `Location Description`ATM (AUTOMATIC TELLER MACHINE) 0.031244  
## `Location Description`AUTO 0.981496  
## `Location Description`AUTO / BOAT / RV DEALERSHIP 0.972557  
## `Location Description`BANK 0.002398  
## `Location Description`BAR OR TAVERN 0.112000  
## `Location Description`BARBERSHOP 0.969042  
## `Location Description`BOAT/WATERCRAFT 0.991724  
## `Location Description`BOWLING ALLEY 0.991724  
## `Location Description`BRIDGE 0.991724  
## `Location Description`CAR WASH 0.465318  
## `Location Description`CEMETARY 0.991724  
## `Location Description`CHA APARTMENT 0.739404  
## `Location Description`CHA HALLWAY/STAIRWELL/ELEVATOR 0.604837  
## `Location Description`CHA PARKING LOT/GROUNDS 0.666076  
## `Location Description`CHURCH/SYNAGOGUE/PLACE OF WORSHIP 0.048292  
## `Location Description`CLEANING STORE 0.983449  
## `Location Description`COLLEGE/UNIVERSITY GROUNDS 0.971337  
## `Location Description`COLLEGE/UNIVERSITY RESIDENCE HALL 0.991724  
## `Location Description`COMMERCIAL / BUSINESS OFFICE 0.000899  
## `Location Description`CONSTRUCTION SITE 0.076838  
## `Location Description`CONVENIENCE STORE 0.426458  
## `Location Description`CTA BUS 0.248787  
## `Location Description`CTA BUS STOP 0.746112  
## `Location Description`CTA GARAGE / OTHER PROPERTY 0.285169  
## `Location Description`CTA PLATFORM 0.428729  
## `Location Description`CTA STATION 0.623540  
## `Location Description`CTA TRAIN 0.001141  
## `Location Description`CURRENCY EXCHANGE 0.135360  
## `Location Description`DAY CARE CENTER 0.165488  
## `Location Description`DEPARTMENT STORE 0.646861  
## `Location Description`DRIVEWAY - RESIDENTIAL 0.065758  
## `Location Description`DRUG STORE 0.871310  
## `Location Description`FACTORY/MANUFACTURING BUILDING 0.979730  
## `Location Description`FEDERAL BUILDING 0.991724  
## `Location Description`FIRE STATION 0.988296  
## `Location Description`FOREST PRESERVE 0.991724  
## `Location Description`GAS STATION 0.515434  
## `Location Description`GOVERNMENT BUILDING 0.991209  
## `Location Description`GOVERNMENT BUILDING/PROPERTY 0.441632  
## `Location Description`GROCERY FOOD STORE 0.813591  
## `Location Description`HALLWAY 0.991209  
## `Location Description`HIGHWAY/EXPRESSWAY 0.991209  
## `Location Description`HOSPITAL BUILDING/GROUNDS 0.652751  
## `Location Description`HOTEL 0.991209  
## `Location Description`HOTEL/MOTEL 0.102641  
## `Location Description`HOUSE 0.757899  
## `Location Description`JAIL / LOCK-UP FACILITY 0.757899  
## `Location Description`LAKEFRONT/WATERFRONT/RIVERBANK 0.625451  
## `Location Description`LIBRARY 0.957675  
## `Location Description`MEDICAL/DENTAL OFFICE 0.057808  
## `Location Description`MOVIE HOUSE/THEATER 0.981496  
## `Location Description`NURSING HOME/RETIREMENT HOME 0.002410  
## `Location Description`OTHER 0.003018  
## `Location Description`OTHER COMMERCIAL TRANSPORTATION 0.465318  
## `Location Description`OTHER RAILROAD PROP / TRAIN DEPOT 0.289745  
## `Location Description`PARK PROPERTY 0.148670  
## `Location Description`PARKING LOT 0.991209  
## `Location Description`PARKING LOT/GARAGE(NON.RESID.) 0.066539  
## `Location Description`PAWN SHOP 0.991724  
## `Location Description`POLICE FACILITY/VEH PARKING LOT 0.026027  
## `Location Description`POOL ROOM 0.991724  
## `Location Description`PORCH 0.868804  
## `Location Description`RESIDENCE 0.003968  
## `Location Description`RESIDENCE PORCH/HALLWAY 0.073983  
## `Location Description`RESIDENCE-GARAGE 0.000197  
## `Location Description`RESIDENTIAL YARD (FRONT/BACK) 0.086352  
## `Location Description`RESTAURANT 0.007895  
## `Location Description`SAVINGS AND LOAN 0.991724  
## `Location Description`SCHOOL, PRIVATE, BUILDING 0.065758  
## `Location Description`SCHOOL, PRIVATE, GROUNDS 0.659350  
## `Location Description`SCHOOL, PUBLIC, BUILDING 0.112694  
## `Location Description`SCHOOL, PUBLIC, GROUNDS 0.022448  
## `Location Description`SIDEWALK 0.973108  
## `Location Description`SMALL RETAIL STORE 0.148614  
## `Location Description`SPORTS ARENA/STADIUM 0.380119  
## `Location Description`STREET 0.152468  
## `Location Description`TAVERN/LIQUOR STORE 0.690767  
## `Location Description`TAXICAB 0.962089  
## `Location Description`VACANT LOT 0.757899  
## `Location Description`VACANT LOT/LAND 0.387490  
## `Location Description`VEHICLE - DELIVERY TRUCK 0.985666  
## `Location Description`VEHICLE - OTHER RIDE SHARE SERVICE (E.G., UBER, LYFT) 0.105192  
## `Location Description`VEHICLE NON-COMMERCIAL 0.324815  
## `Location Description`VEHICLE-COMMERCIAL 0.066428  
## `Location Description`VEHICLE-COMMERCIAL - ENTERTAINMENT/PARTY BUS 0.991724  
## `Location Description`WAREHOUSE 0.065674  
## `Location Description`YARD 0.991724  
##   
## (Intercept)   
## `Location Description`AIRCRAFT   
## `Location Description`AIRPORT BUILDING NON-TERMINAL - NON-SECURE AREA   
## `Location Description`AIRPORT BUILDING NON-TERMINAL - SECURE AREA   
## `Location Description`AIRPORT EXTERIOR - NON-SECURE AREA   
## `Location Description`AIRPORT PARKING LOT   
## `Location Description`AIRPORT TERMINAL LOWER LEVEL - NON-SECURE AREA   
## `Location Description`AIRPORT TERMINAL LOWER LEVEL - SECURE AREA   
## `Location Description`AIRPORT TERMINAL UPPER LEVEL - NON-SECURE AREA   
## `Location Description`AIRPORT TERMINAL UPPER LEVEL - SECURE AREA   
## `Location Description`AIRPORT TRANSPORTATION SYSTEM (ATS)   
## `Location Description`AIRPORT VENDING ESTABLISHMENT   
## `Location Description`ALLEY   
## `Location Description`ANIMAL HOSPITAL   
## `Location Description`APARTMENT \*   
## `Location Description`APPLIANCE STORE   
## `Location Description`ATHLETIC CLUB \*   
## `Location Description`ATM (AUTOMATIC TELLER MACHINE) \*   
## `Location Description`AUTO   
## `Location Description`AUTO / BOAT / RV DEALERSHIP   
## `Location Description`BANK \*\*   
## `Location Description`BAR OR TAVERN   
## `Location Description`BARBERSHOP   
## `Location Description`BOAT/WATERCRAFT   
## `Location Description`BOWLING ALLEY   
## `Location Description`BRIDGE   
## `Location Description`CAR WASH   
## `Location Description`CEMETARY   
## `Location Description`CHA APARTMENT   
## `Location Description`CHA HALLWAY/STAIRWELL/ELEVATOR   
## `Location Description`CHA PARKING LOT/GROUNDS   
## `Location Description`CHURCH/SYNAGOGUE/PLACE OF WORSHIP \*   
## `Location Description`CLEANING STORE   
## `Location Description`COLLEGE/UNIVERSITY GROUNDS   
## `Location Description`COLLEGE/UNIVERSITY RESIDENCE HALL   
## `Location Description`COMMERCIAL / BUSINESS OFFICE \*\*\*  
## `Location Description`CONSTRUCTION SITE .   
## `Location Description`CONVENIENCE STORE   
## `Location Description`CTA BUS   
## `Location Description`CTA BUS STOP   
## `Location Description`CTA GARAGE / OTHER PROPERTY   
## `Location Description`CTA PLATFORM   
## `Location Description`CTA STATION   
## `Location Description`CTA TRAIN \*\*   
## `Location Description`CURRENCY EXCHANGE   
## `Location Description`DAY CARE CENTER   
## `Location Description`DEPARTMENT STORE   
## `Location Description`DRIVEWAY - RESIDENTIAL .   
## `Location Description`DRUG STORE   
## `Location Description`FACTORY/MANUFACTURING BUILDING   
## `Location Description`FEDERAL BUILDING   
## `Location Description`FIRE STATION   
## `Location Description`FOREST PRESERVE   
## `Location Description`GAS STATION   
## `Location Description`GOVERNMENT BUILDING   
## `Location Description`GOVERNMENT BUILDING/PROPERTY   
## `Location Description`GROCERY FOOD STORE   
## `Location Description`HALLWAY   
## `Location Description`HIGHWAY/EXPRESSWAY   
## `Location Description`HOSPITAL BUILDING/GROUNDS   
## `Location Description`HOTEL   
## `Location Description`HOTEL/MOTEL   
## `Location Description`HOUSE   
## `Location Description`JAIL / LOCK-UP FACILITY   
## `Location Description`LAKEFRONT/WATERFRONT/RIVERBANK   
## `Location Description`LIBRARY   
## `Location Description`MEDICAL/DENTAL OFFICE .   
## `Location Description`MOVIE HOUSE/THEATER   
## `Location Description`NURSING HOME/RETIREMENT HOME \*\*   
## `Location Description`OTHER \*\*   
## `Location Description`OTHER COMMERCIAL TRANSPORTATION   
## `Location Description`OTHER RAILROAD PROP / TRAIN DEPOT   
## `Location Description`PARK PROPERTY   
## `Location Description`PARKING LOT   
## `Location Description`PARKING LOT/GARAGE(NON.RESID.) .   
## `Location Description`PAWN SHOP   
## `Location Description`POLICE FACILITY/VEH PARKING LOT \*   
## `Location Description`POOL ROOM   
## `Location Description`PORCH   
## `Location Description`RESIDENCE \*\*   
## `Location Description`RESIDENCE PORCH/HALLWAY .   
## `Location Description`RESIDENCE-GARAGE \*\*\*  
## `Location Description`RESIDENTIAL YARD (FRONT/BACK) .   
## `Location Description`RESTAURANT \*\*   
## `Location Description`SAVINGS AND LOAN   
## `Location Description`SCHOOL, PRIVATE, BUILDING .   
## `Location Description`SCHOOL, PRIVATE, GROUNDS   
## `Location Description`SCHOOL, PUBLIC, BUILDING   
## `Location Description`SCHOOL, PUBLIC, GROUNDS \*   
## `Location Description`SIDEWALK   
## `Location Description`SMALL RETAIL STORE   
## `Location Description`SPORTS ARENA/STADIUM   
## `Location Description`STREET   
## `Location Description`TAVERN/LIQUOR STORE   
## `Location Description`TAXICAB   
## `Location Description`VACANT LOT   
## `Location Description`VACANT LOT/LAND   
## `Location Description`VEHICLE - DELIVERY TRUCK   
## `Location Description`VEHICLE - OTHER RIDE SHARE SERVICE (E.G., UBER, LYFT)   
## `Location Description`VEHICLE NON-COMMERCIAL   
## `Location Description`VEHICLE-COMMERCIAL .   
## `Location Description`VEHICLE-COMMERCIAL - ENTERTAINMENT/PARTY BUS   
## `Location Description`WAREHOUSE .   
## `Location Description`YARD   
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1  
##   
## (Dispersion parameter for binomial family taken to be 1)  
##   
## Null deviance: 14831 on 14712 degrees of freedom  
## Residual deviance: 13829 on 14609 degrees of freedom  
## AIC: 14037  
##   
## Number of Fisher Scoring iterations: 14

mod3 = glm(Arrest ~ Ward + `Primary Type` , chicago2, family = "binomial")  
summary(mod3)

##   
## Call:  
## glm(formula = Arrest ~ Ward + `Primary Type`, family = "binomial",   
## data = chicago2)  
##   
## Deviance Residuals:   
## Min 1Q Median 3Q Max   
## -2.0684 -0.5505 -0.4034 -0.2868 2.7624   
##   
## Coefficients:  
## Estimate Std. Error z value  
## (Intercept) -2.459e+00 1.064e+00 -2.312  
## Ward2 -4.397e-03 2.408e-01 -0.018  
## Ward3 -2.486e-01 2.585e-01 -0.962  
## Ward4 -3.330e-02 2.736e-01 -0.122  
## Ward5 -1.710e-01 2.711e-01 -0.631  
## Ward6 1.795e-01 2.377e-01 0.755  
## Ward7 -1.143e-01 2.542e-01 -0.450  
## Ward8 9.387e-02 2.505e-01 0.375  
## Ward9 3.743e-01 2.404e-01 1.557  
## Ward10 1.446e-01 2.751e-01 0.526  
## Ward11 -2.842e-01 3.356e-01 -0.847  
## Ward12 2.468e-01 2.880e-01 0.857  
## Ward13 -1.528e-01 3.374e-01 -0.453  
## Ward14 1.042e-01 3.043e-01 0.342  
## Ward15 -4.876e-01 2.797e-01 -1.743  
## Ward16 3.547e-01 2.520e-01 1.408  
## Ward17 2.664e-01 2.385e-01 1.117  
## Ward18 -2.597e-01 2.942e-01 -0.883  
## Ward19 -3.803e-01 3.696e-01 -1.029  
## Ward20 -6.164e-02 2.480e-01 -0.249  
## Ward21 3.814e-01 2.372e-01 1.608  
## Ward22 -3.609e-01 3.212e-01 -1.124  
## Ward23 5.890e-02 3.108e-01 0.190  
## Ward24 9.470e-02 2.373e-01 0.399  
## Ward25 -9.925e-02 3.077e-01 -0.323  
## Ward26 -2.770e-02 2.990e-01 -0.093  
## Ward27 2.537e-01 2.337e-01 1.085  
## Ward28 9.043e-02 2.316e-01 0.391  
## Ward29 -1.763e-01 2.697e-01 -0.654  
## Ward30 -2.825e-01 3.293e-01 -0.858  
## Ward31 -1.744e-01 3.113e-01 -0.560  
## Ward32 -5.193e-01 3.343e-01 -1.553  
## Ward33 -5.245e-01 3.817e-01 -1.374  
## Ward34 2.495e-01 2.483e-01 1.005  
## Ward35 -4.679e-01 3.410e-01 -1.372  
## Ward36 1.795e-01 3.099e-01 0.579  
## Ward37 1.302e-01 2.524e-01 0.516  
## Ward38 -2.654e-01 3.407e-01 -0.779  
## Ward39 -4.513e-01 3.640e-01 -1.240  
## Ward40 2.037e-01 3.156e-01 0.645  
## Ward41 5.367e-02 3.178e-01 0.169  
## Ward42 3.544e-01 2.205e-01 1.607  
## Ward43 -2.904e-01 3.179e-01 -0.913  
## Ward44 -1.664e-01 3.126e-01 -0.532  
## Ward45 -4.327e-01 3.388e-01 -1.277  
## Ward46 -1.804e-01 3.150e-01 -0.573  
## Ward47 -2.945e-01 3.569e-01 -0.825  
## Ward48 -7.933e-02 3.240e-01 -0.245  
## Ward49 1.048e-01 3.030e-01 0.346  
## Ward50 -2.567e-01 3.263e-01 -0.787  
## `Primary Type`ASSAULT 7.104e-01 1.048e+00 0.678  
## `Primary Type`BATTERY 1.084e+00 1.046e+00 1.036  
## `Primary Type`BURGLARY -4.208e-01 1.059e+00 -0.397  
## `Primary Type`CONCEALED CARRY LICENSE VIOLATION 4.466e+00 1.485e+00 3.006  
## `Primary Type`CRIM SEXUAL ASSAULT -1.074e+00 1.198e+00 -0.897  
## `Primary Type`CRIMINAL DAMAGE -2.147e-01 1.049e+00 -0.205  
## `Primary Type`CRIMINAL TRESPASS 2.742e+00 1.050e+00 2.612  
## `Primary Type`DECEPTIVE PRACTICE -5.231e-01 1.055e+00 -0.496  
## `Primary Type`GAMBLING 1.992e+01 1.191e+03 0.017  
## `Primary Type`HOMICIDE 1.769e+00 1.096e+00 1.614  
## `Primary Type`INTERFERENCE WITH PUBLIC OFFICER 1.992e+01 4.608e+02 0.043  
## `Primary Type`INTIMIDATION 1.011e+00 1.309e+00 0.772  
## `Primary Type`KIDNAPPING -1.508e+01 1.311e+03 -0.012  
## `Primary Type`LIQUOR LAW VIOLATION 1.991e+01 1.050e+03 0.019  
## `Primary Type`MOTOR VEHICLE THEFT -6.678e-01 1.065e+00 -0.627  
## `Primary Type`NARCOTICS 1.996e+01 1.423e+02 0.140  
## `Primary Type`NON-CRIMINAL -1.498e+01 2.777e+03 -0.005  
## `Primary Type`OBSCENITY 4.587e+00 1.493e+00 3.072  
## `Primary Type`OFFENSE INVOLVING CHILDREN 3.472e-01 1.083e+00 0.321  
## `Primary Type`OTHER OFFENSE 1.086e+00 1.047e+00 1.036  
## `Primary Type`PROSTITUTION 1.993e+01 6.090e+02 0.033  
## `Primary Type`PUBLIC INDECENCY 2.010e+01 3.956e+03 0.005  
## `Primary Type`PUBLIC PEACE VIOLATION 3.109e+00 1.070e+00 2.906  
## `Primary Type`ROBBERY -1.171e-01 1.058e+00 -0.111  
## `Primary Type`SEX OFFENSE 2.609e-01 1.130e+00 0.231  
## `Primary Type`STALKING 1.615e+00 1.614e+00 1.001  
## `Primary Type`THEFT 2.399e-01 1.046e+00 0.229  
## `Primary Type`WEAPONS VIOLATION 3.153e+00 1.053e+00 2.995  
## Pr(>|z|)   
## (Intercept) 0.02078 \*   
## Ward2 0.98543   
## Ward3 0.33613   
## Ward4 0.90312   
## Ward5 0.52837   
## Ward6 0.45013   
## Ward7 0.65299   
## Ward8 0.70784   
## Ward9 0.11946   
## Ward10 0.59921   
## Ward11 0.39718   
## Ward12 0.39149   
## Ward13 0.65071   
## Ward14 0.73203   
## Ward15 0.08132 .   
## Ward16 0.15920   
## Ward17 0.26400   
## Ward18 0.37734   
## Ward19 0.30348   
## Ward20 0.80370   
## Ward21 0.10787   
## Ward22 0.26119   
## Ward23 0.84969   
## Ward24 0.68986   
## Ward25 0.74702   
## Ward26 0.92618   
## Ward27 0.27776   
## Ward28 0.69615   
## Ward29 0.51330   
## Ward30 0.39105   
## Ward31 0.57533   
## Ward32 0.12034   
## Ward33 0.16940   
## Ward34 0.31502   
## Ward35 0.17004   
## Ward36 0.56242   
## Ward37 0.60596   
## Ward38 0.43595   
## Ward39 0.21507   
## Ward40 0.51864   
## Ward41 0.86587   
## Ward42 0.10803   
## Ward43 0.36099   
## Ward44 0.59450   
## Ward45 0.20152   
## Ward46 0.56692   
## Ward47 0.40931   
## Ward48 0.80658   
## Ward49 0.72932   
## Ward50 0.43137   
## `Primary Type`ASSAULT 0.49778   
## `Primary Type`BATTERY 0.30003   
## `Primary Type`BURGLARY 0.69115   
## `Primary Type`CONCEALED CARRY LICENSE VIOLATION 0.00264 \*\*  
## `Primary Type`CRIM SEXUAL ASSAULT 0.36986   
## `Primary Type`CRIMINAL DAMAGE 0.83791   
## `Primary Type`CRIMINAL TRESPASS 0.00899 \*\*  
## `Primary Type`DECEPTIVE PRACTICE 0.62004   
## `Primary Type`GAMBLING 0.98665   
## `Primary Type`HOMICIDE 0.10660   
## `Primary Type`INTERFERENCE WITH PUBLIC OFFICER 0.96551   
## `Primary Type`INTIMIDATION 0.43996   
## `Primary Type`KIDNAPPING 0.99082   
## `Primary Type`LIQUOR LAW VIOLATION 0.98487   
## `Primary Type`MOTOR VEHICLE THEFT 0.53069   
## `Primary Type`NARCOTICS 0.88846   
## `Primary Type`NON-CRIMINAL 0.99570   
## `Primary Type`OBSCENITY 0.00213 \*\*  
## `Primary Type`OFFENSE INVOLVING CHILDREN 0.74841   
## `Primary Type`OTHER OFFENSE 0.29999   
## `Primary Type`PROSTITUTION 0.97389   
## `Primary Type`PUBLIC INDECENCY 0.99595   
## `Primary Type`PUBLIC PEACE VIOLATION 0.00366 \*\*  
## `Primary Type`ROBBERY 0.91188   
## `Primary Type`SEX OFFENSE 0.81745   
## `Primary Type`STALKING 0.31683   
## `Primary Type`THEFT 0.81864   
## `Primary Type`WEAPONS VIOLATION 0.00274 \*\*  
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1  
##   
## (Dispersion parameter for binomial family taken to be 1)  
##   
## Null deviance: 14831 on 14712 degrees of freedom  
## Residual deviance: 10118 on 14635 degrees of freedom  
## AIC: 10274  
##   
## Number of Fisher Scoring iterations: 16

allmod = glm(Arrest ~ Date + IUCR + `Primary Type` + Description + `Location Description` + Domestic + District + Ward, chicago2,family = "binomial")

## Warning: glm.fit: fitted probabilities numerically 0 or 1 occurred

summary(allmod)

##   
## Call:  
## glm(formula = Arrest ~ Date + IUCR + `Primary Type` + Description +   
## `Location Description` + Domestic + District + Ward, family = "binomial",   
## data = chicago2)  
##   
## Deviance Residuals:   
## Min 1Q Median 3Q Max   
## -2.2950 -0.4822 -0.2461 -0.0389 3.2396   
##   
## Coefficients: (246 not defined because of singularities)  
## Estimate  
## (Intercept) 5.788e+00  
## Date -5.382e-09  
## IUCR0261 -1.767e+01  
## IUCR0264 -1.716e+01  
## IUCR0265 -1.756e+01  
## IUCR0266 -1.752e+01  
## IUCR0281 -2.696e+00  
## IUCR0291 -1.568e+00  
## IUCR0312 -1.427e+00  
## IUCR0313 -1.786e+01  
## IUCR031A -2.133e+00  
## IUCR031B -1.780e+01  
## IUCR0320 -1.671e+00  
## IUCR0325 -1.607e+00  
## IUCR0326 -1.690e+00  
## IUCR0330 -1.052e+00  
## IUCR0331 5.427e-01  
## IUCR0334 -1.368e+00  
## IUCR0337 -1.733e+01  
## IUCR033A -1.297e+00  
## IUCR033B -1.771e+01  
## IUCR0340 -2.281e+00  
## IUCR041A -2.755e+00  
## IUCR0420 -4.729e-01  
## IUCR0430 -4.312e-01  
## IUCR0440 -1.786e+00  
## IUCR0450 -1.788e+01  
## IUCR0453 1.354e+00  
## IUCR0454 2.521e+00  
## IUCR0460 -9.247e-01  
## IUCR0461 1.912e+01  
## IUCR0462 -1.787e+01  
## IUCR0470 2.521e+00  
## IUCR0479 -8.508e-01  
## IUCR0483 -1.850e+01  
## IUCR0484 3.066e-01  
## IUCR0485 4.601e-01  
## IUCR0486 -6.102e-01  
## IUCR0488 1.941e+01  
## IUCR0495 -1.561e+00  
## IUCR0496 -8.337e-02  
## IUCR0497 -1.956e-01  
## IUCR0498 6.550e-01  
## IUCR051A -8.717e-01  
## IUCR051B -1.777e+01  
## IUCR0520 -3.708e-01  
## IUCR0530 -6.169e-01  
## IUCR0545 -3.470e-01  
## IUCR0552 -1.719e+01  
## IUCR0553 1.681e-01  
## IUCR0554 1.954e+01  
## IUCR0555 1.545e+00  
## IUCR0557 5.065e-01  
## IUCR0558 2.012e+01  
## IUCR0560 -1.227e+00  
## IUCR0580 -1.832e+01  
## IUCR0584 1.972e+01  
## IUCR0610 -1.854e+00  
## IUCR0620 -1.957e+00  
## IUCR0630 -2.654e+00  
## IUCR0650 -9.498e-01  
## IUCR0810 -2.808e+00  
## IUCR0820 -2.432e+00  
## IUCR0850 -6.224e-01  
## IUCR0860 -1.909e-01  
## IUCR0865 -1.791e+01  
## IUCR0870 -4.525e+00  
## IUCR0880 -1.790e+01  
## IUCR0890 -4.141e+00  
## IUCR0910 -2.171e+00  
## IUCR0915 -1.788e+01  
## IUCR0917 -1.747e+01  
## IUCR0920 -1.776e+01  
## IUCR0930 -2.204e+00  
## IUCR0935 -1.774e+01  
## IUCR0937 -1.750e+01  
## IUCR1020 -1.757e+01  
## IUCR1025 1.946e+01  
## IUCR1090 -1.754e+01  
## IUCR1110 -2.073e+00  
## IUCR1120 -1.311e+00  
## IUCR1121 -1.602e+00  
## IUCR1122 -1.757e+00  
## IUCR1130 -1.755e+01  
## IUCR1135 -1.748e+01  
## IUCR1140 1.931e+01  
## IUCR1150 -4.070e+00  
## IUCR1151 -1.728e+01  
## IUCR1152 -1.790e+01  
## IUCR1153 -2.964e+00  
## IUCR1154 -1.756e+01  
## IUCR1155 -1.753e+01  
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## IUCR1170 -1.743e+01  
## IUCR1185 -1.839e+01  
## IUCR1195 -1.789e+01  
## IUCR1200 8.734e-01  
## IUCR1205 8.683e-01  
## IUCR1206 -2.095e+00  
## IUCR1210 -8.174e-02  
## IUCR1220 1.527e+00  
## IUCR1240 -1.799e+01  
## IUCR1242 -1.754e+01  
## IUCR1245 -1.752e+01  
## IUCR1261 -1.752e+01  
## IUCR1305 -9.642e-01  
## IUCR1310 -1.448e+00  
## IUCR1320 -2.929e+00  
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## IUCR1335 2.016e+01  
## IUCR1340 -4.908e-01  
## IUCR1345 6.550e-01  
## IUCR1350 1.940e+00  
## IUCR1360 3.769e-01  
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## IUCR1370 -1.760e+01  
## IUCR1375 -1.821e+01  
## IUCR141A -1.423e+00  
## IUCR141B -1.770e+01  
## IUCR141C 1.735e+00  
## IUCR143A 2.775e+00  
## IUCR143B 3.490e+00  
## IUCR143C 2.683e+00  
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## IUCR1477 -1.612e+00  
## IUCR1478 -1.013e-01  
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## IUCR1544 -1.750e+01  
## IUCR1562 -5.914e-01  
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## IUCR1715 1.929e+01  
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## IUCR2017 1.941e+01  
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## IUCR2020 1.961e+01  
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## IUCR2030 1.958e+01  
## IUCR2031 1.957e+01  
## IUCR2033 1.936e+01  
## IUCR2090 3.398e+01  
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## IUCR2093 1.940e+01  
## IUCR2170 1.947e+01  
## IUCR2210 1.867e+01  
## IUCR2220 1.973e+01  
## IUCR2230 1.957e+01  
## IUCR2250 1.885e+01  
## IUCR2820 -3.259e+00  
## IUCR2825 -3.455e+00  
## IUCR2826 -3.472e+00  
## IUCR2850 -5.259e-01  
## IUCR2851 -7.219e-01  
## IUCR2860 9.272e-01  
## IUCR2870 -1.684e+01  
## IUCR2890 1.180e+00  
## IUCR2900 1.882e+01  
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## IUCR3730 1.960e+01  
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## IUCR3760 1.932e+01  
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## IUCR3960 -2.915e-02  
## IUCR3970 -1.703e+01  
## IUCR4220 -1.743e+01  
## IUCR4230 -1.741e+01  
## IUCR4255 -1.755e+01  
## IUCR4386 -1.720e+01  
## IUCR4387 4.277e-01  
## IUCR4388 1.940e+01  
## IUCR4389 1.909e+01  
## IUCR4625 1.951e+01  
## IUCR4650 6.676e-01  
## IUCR4651 2.171e-01  
## IUCR4860 1.827e+01  
## IUCR5000 -2.346e+00  
## IUCR5001 -7.355e-02  
## IUCR5002 -4.475e-01  
## IUCR5004 -1.840e+01  
## IUCR5007 2.084e+00  
## IUCR500N -1.668e+01  
## IUCR5011 -3.164e-01  
## IUCR501A -4.894e-01  
## IUCR502P 9.964e-01  
## IUCR502R 2.395e+00  
## IUCR5093 -1.745e+01  
## IUCR5110 2.996e+00  
## IUCR5111 3.357e+00  
## IUCR5112 1.983e+01  
## IUCR5114 -1.844e+01  
## IUCR5130 1.905e+01  
## IUCR5131 1.898e+01  
## `Primary Type`ASSAULT NA  
## `Primary Type`BATTERY NA  
## `Primary Type`BURGLARY NA  
## `Primary Type`CONCEALED CARRY LICENSE VIOLATION NA  
## `Primary Type`CRIM SEXUAL ASSAULT NA  
## `Primary Type`CRIMINAL DAMAGE NA  
## `Primary Type`CRIMINAL TRESPASS NA  
## `Primary Type`DECEPTIVE PRACTICE NA  
## `Primary Type`GAMBLING NA  
## `Primary Type`HOMICIDE NA  
## `Primary Type`INTERFERENCE WITH PUBLIC OFFICER NA  
## `Primary Type`INTIMIDATION NA  
## `Primary Type`KIDNAPPING NA  
## `Primary Type`LIQUOR LAW VIOLATION NA  
## `Primary Type`MOTOR VEHICLE THEFT NA  
## `Primary Type`NARCOTICS NA  
## `Primary Type`NON-CRIMINAL NA  
## `Primary Type`OBSCENITY NA  
## `Primary Type`OFFENSE INVOLVING CHILDREN NA  
## `Primary Type`OTHER OFFENSE NA  
## `Primary Type`PROSTITUTION NA  
## `Primary Type`PUBLIC INDECENCY NA  
## `Primary Type`PUBLIC PEACE VIOLATION NA  
## `Primary Type`ROBBERY NA  
## `Primary Type`SEX OFFENSE NA  
## `Primary Type`STALKING NA  
## `Primary Type`THEFT NA  
## `Primary Type`WEAPONS VIOLATION NA  
## DescriptionABUSE/NEGLECT: CARE FACILITY NA  
## DescriptionAGG CRIM SEX ABUSE FAM MEMBER NA  
## DescriptionAGG CRIMINAL SEXUAL ABUSE NA  
## DescriptionAGG PO HANDS ETC SERIOUS INJ NA  
## DescriptionAGG PO HANDS NO/MIN INJURY NA  
## DescriptionAGG PRO EMP HANDS SERIOUS INJ NA  
## DescriptionAGG PRO.EMP: HANDGUN NA  
## DescriptionAGG PRO.EMP: OTHER DANG WEAPON NA  
## DescriptionAGG PRO.EMP:KNIFE/CUTTING INST NA  
## DescriptionAGG SEX ASSLT OF CHILD FAM MBR NA  
## DescriptionAGG: HANDS/FIST/FEET NO/MINOR INJURY NA  
## DescriptionAGG: HANDS/FIST/FEET SERIOUS INJURY NA  
## DescriptionAGGRAVATED NA  
## DescriptionAGGRAVATED DOMESTIC BATTERY: HANDGUN NA  
## DescriptionAGGRAVATED DOMESTIC BATTERY: HANDS/FIST/FEET SERIOUS INJURY NA  
## DescriptionAGGRAVATED DOMESTIC BATTERY: KNIFE/CUTTING INST NA  
## DescriptionAGGRAVATED DOMESTIC BATTERY: OTHER DANG WEAPON NA  
## DescriptionAGGRAVATED FINANCIAL IDENTITY THEFT NA  
## DescriptionAGGRAVATED OF A CHILD NA  
## DescriptionAGGRAVATED OF A SENIOR CITIZEN NA  
## DescriptionAGGRAVATED PO: HANDGUN NA  
## DescriptionAGGRAVATED PO: OTHER DANG WEAP NA  
## DescriptionAGGRAVATED PO:KNIFE/CUT INSTR NA  
## DescriptionAGGRAVATED VEHICULAR HIJACKING NA  
## DescriptionAGGRAVATED: HANDGUN NA  
## DescriptionAGGRAVATED: OTHER NA  
## DescriptionAGGRAVATED: OTHER DANG WEAPON NA  
## DescriptionAGGRAVATED: OTHER FIREARM NA  
## DescriptionAGGRAVATED:KNIFE/CUTTING INSTR NA  
## DescriptionALTER/FORGE PRESCRIPTION NA  
## DescriptionANIMAL ABUSE/NEGLECT NA  
## DescriptionARMED WHILE UNDER THE INFLUENCE NA  
## DescriptionARMED: HANDGUN NA  
## DescriptionARMED: OTHER DANGEROUS WEAPON NA  
## DescriptionARMED: OTHER FIREARM NA  
## DescriptionARMED:KNIFE/CUTTING INSTRUMENT NA  
## DescriptionARSON THREAT NA  
## DescriptionATT CRIM SEXUAL ABUSE NA  
## DescriptionATT: AUTOMOBILE NA  
## DescriptionATTEMPT - FINANCIAL IDENTITY THEFT NA  
## DescriptionATTEMPT ARSON NA  
## DescriptionATTEMPT FORCIBLE ENTRY NA  
## DescriptionATTEMPT NON-AGGRAVATED NA  
## DescriptionATTEMPT THEFT NA  
## DescriptionATTEMPT: AGGRAVATED NA  
## DescriptionATTEMPT: ARMED-HANDGUN NA  
## DescriptionATTEMPT: ARMED-KNIFE/CUT INSTR NA  
## DescriptionATTEMPT: ARMED-OTHER DANG WEAP NA  
## DescriptionATTEMPT: ARMED-OTHER FIREARM NA  
## DescriptionATTEMPT: STRONGARM-NO WEAPON NA  
## DescriptionAUTOMOBILE NA  
## DescriptionBOARD PLANE WITH WEAPON NA  
## DescriptionBOGUS CHECK NA  
## DescriptionBOMB THREAT NA  
## DescriptionBY FIRE NA  
## DescriptionCHILD ABANDONMENT NA  
## DescriptionCHILD ABDUCTION NA  
## DescriptionCHILD ABDUCTION/STRANGER NA  
## DescriptionCHILD ABUSE NA  
## DescriptionCHILD PORNOGRAPHY NA  
## DescriptionCOMPUTER FRAUD NA  
## DescriptionCONTRIBUTE CRIM DELINQUENCY JUVENILE NA  
## DescriptionCOUNTERFEIT CHECK NA  
## DescriptionCOUNTERFEITING DOCUMENT NA  
## DescriptionCREDIT CARD FRAUD NA  
## DescriptionCRIM SEX ABUSE BY FAM MEMBER NA  
## DescriptionCRIMINAL DEFACEMENT NA  
## DescriptionCRIMINAL SEXUAL ABUSE NA  
## DescriptionCYCLE, SCOOTER, BIKE W-VIN NA  
## DescriptionDECEPTIVE COLLECTION PRACTICES NA  
## DescriptionDEFACE IDENT MARKS OF FIREARM NA  
## DescriptionDELIVERY CONTAINER THEFT NA  
## DescriptionDOMESTIC BATTERY SIMPLE NA  
## DescriptionEMBEZZLEMENT NA  
## DescriptionENDANGERING LIFE/HEALTH CHILD NA  
## DescriptionESCAPE NA  
## DescriptionEXTORTION NA  
## DescriptionFALSE POLICE REPORT NA  
## DescriptionFALSE/STOLEN/ALTERED TRP NA  
## DescriptionFINAN EXPLOIT-ELDERLY/DISABLED NA  
## DescriptionFINANCIAL IDENTITY THEFT $300 AND UNDER NA  
## DescriptionFINANCIAL IDENTITY THEFT OVER $ 300 NA  
## DescriptionFIRST DEGREE MURDER NA  
## DescriptionFOID - REVOCATION NA  
## DescriptionFORCIBLE ENTRY NA  
## DescriptionFORFEIT PROPERTY NA  
## DescriptionFORGERY NA  
## DescriptionFOUND SUSPECT NARCOTICS NA  
## DescriptionFRAUD OR CONFIDENCE GAME NA  
## DescriptionFROM BUILDING NA  
## DescriptionGAME/DICE NA  
## DescriptionGUN OFFENDER: ANNUAL REGISTRATION NA  
## DescriptionGUN OFFENDER: DUTY TO REGISTER NA  
## DescriptionGUN OFFENDER: DUTY TO REPORT CHANGE OF INFORMATION NA  
## DescriptionHARASSMENT BY ELECTRONIC MEANS NA  
## DescriptionHARASSMENT BY TELEPHONE NA  
## DescriptionHARBOR RUNAWAY NA  
## DescriptionHOME INVASION NA  
## DescriptionILLEGAL CONSUMPTION BY MINOR NA  
## DescriptionILLEGAL POSSESSION BY MINOR NA  
## DescriptionILLEGAL POSSESSION CASH CARD NA  
## DescriptionILLEGAL USE CASH CARD NA  
## DescriptionIMPERSONATION NA  
## DescriptionINDECENT SOLICITATION/CHILD NA  
## DescriptionINSTITUTIONAL VANDALISM NA  
## DescriptionINSURANCE FRAUD NA  
## DescriptionINTERFERENCE JUDICIAL PROCESS NA  
## DescriptionINTIMIDATION NA  
## DescriptionLICENSE VIOLATION NA  
## DescriptionLICENSED PREMISE NA  
## DescriptionLIQUOR LICENSE VIOLATION NA  
## DescriptionLOST PASSPORT NA  
## DescriptionMANU/DEL:CANNABIS 10GM OR LESS NA  
## DescriptionMANU/DEL:CANNABIS OVER 10 GMS NA  
## DescriptionMANU/DELIVER: HEROIN (WHITE) NA  
## DescriptionMANU/DELIVER: HEROIN(BRN/TAN) NA  
## DescriptionMANU/DELIVER:BARBITUATES NA  
## DescriptionMANU/DELIVER:COCAINE NA  
## DescriptionMANU/DELIVER:CRACK NA  
## DescriptionMANU/DELIVER:LOOK-ALIKE DRUG NA  
## DescriptionMANU/DELIVER:SYNTHETIC DRUGS NA  
## DescriptionMANU/POSS. W/INTENT TO DELIVER: SYNTHETIC MARIJUANA NA  
## DescriptionMOB ACTION NA  
## DescriptionNON-AGGRAVATED NA  
## DescriptionOBSCENE MATTER NA  
## DescriptionOBSCENITY NA  
## DescriptionOBSTRUCTING IDENTIFICATION NA  
## DescriptionOBSTRUCTING JUSTICE NA  
## DescriptionOBSTRUCTING SERVICE NA  
## DescriptionOTHER NA  
## DescriptionOTHER CRIME AGAINST PERSON NA  
## DescriptionOTHER CRIME INVOLVING PROPERTY NA  
## DescriptionOTHER OFFENSE NA  
## DescriptionOTHER VEHICLE OFFENSE NA  
## DescriptionOTHER VIOLATION NA  
## DescriptionOTHER WEAPONS VIOLATION NA  
## DescriptionOVER $500 NA  
## DescriptionPAROLE VIOLATION NA  
## DescriptionPAY TV SERVICE OFFENSES NA  
## DescriptionPEEPING TOM NA  
## DescriptionPOCKET-PICKING NA  
## DescriptionPOS: PORNOGRAPHIC PRINT NA  
## DescriptionPOSS: AMPHETAMINES NA  
## DescriptionPOSS: BARBITUATES NA  
## DescriptionPOSS: CANNABIS 30GMS OR LESS NA  
## DescriptionPOSS: CANNABIS MORE THAN 30GMS NA  
## DescriptionPOSS: COCAINE NA  
## DescriptionPOSS: CRACK NA  
## DescriptionPOSS: HALLUCINOGENS NA  
## DescriptionPOSS: HEROIN(BRN/TAN) NA  
## DescriptionPOSS: HEROIN(WHITE) NA  
## DescriptionPOSS: METHAMPHETAMINES NA  
## DescriptionPOSS: PCP NA  
## DescriptionPOSS: SYNTHETIC DRUGS NA  
## DescriptionPOSSESSION OF DRUG EQUIPMENT NA  
## DescriptionPREDATORY NA  
## DescriptionPRO EMP HANDS NO/MIN INJURY NA  
## DescriptionPROHIBITED PLACES NA  
## DescriptionPUBLIC INDECENCY NA  
## DescriptionPURSE-SNATCHING NA  
## DescriptionRECKLESS CONDUCT NA  
## DescriptionRECKLESS FIREARM DISCHARGE NA  
## DescriptionRESIST/OBSTRUCT/DISARM OFFICER NA  
## DescriptionRETAIL THEFT NA  
## DescriptionSALE TOBACCO PRODUCTS TO MINOR NA  
## DescriptionSALE/DIST OBSCENE MAT TO MINOR NA  
## DescriptionSELL/GIVE/DEL LIQUOR TO MINOR NA  
## DescriptionSEX ASSLT OF CHILD BY FAM MBR NA  
## DescriptionSEX OFFENDER: FAIL REG NEW ADD NA  
## DescriptionSEX OFFENDER: FAIL TO REGISTER NA  
## DescriptionSEXUAL EXPLOITATION OF A CHILD NA  
## DescriptionSIMPLE NA  
## DescriptionSOLICIT FOR BUSINESS NA  
## DescriptionSOLICIT FOR PROSTITUTE NA  
## DescriptionSOLICIT NARCOTICS ON PUBLICWAY NA  
## DescriptionSOLICIT OFF PUBLIC WAY NA  
## DescriptionSOLICIT ON PUBLIC WAY NA  
## DescriptionSTOLEN PROP: BUY/RECEIVE/POS. NA  
## DescriptionSTRONGARM - NO WEAPON NA  
## DescriptionTELEPHONE THREAT NA  
## DescriptionTHEFT BY LESSEE,MOTOR VEH NA  
## DescriptionTHEFT BY LESSEE,NON-VEH NA  
## DescriptionTHEFT OF LABOR/SERVICES NA  
## DescriptionTHEFT OF LOST/MISLAID PROP NA  
## DescriptionTHEFT/RECOVERY: AUTOMOBILE NA  
## DescriptionTHEFT/RECOVERY: CYCLE, SCOOTER, BIKE W-VIN NA  
## DescriptionTHEFT/RECOVERY: TRUCK,BUS,MHOME NA  
## DescriptionTO AIRPORT NA  
## DescriptionTO CITY OF CHICAGO PROPERTY NA  
## DescriptionTO FIRE FIGHT.APP.EQUIP NA  
## DescriptionTO LAND NA  
## DescriptionTO PROPERTY NA  
## DescriptionTO RESIDENCE NA  
## DescriptionTO STATE SUP LAND NA  
## DescriptionTO STATE SUP PROP NA  
## DescriptionTO VEHICLE NA  
## DescriptionTRUCK, BUS, MOTOR HOME NA  
## DescriptionUNAUTHORIZED VIDEOTAPING NA  
## DescriptionUNLAWFUL ENTRY NA  
## DescriptionUNLAWFUL INTERFERE/VISITATION NA  
## DescriptionUNLAWFUL POSS AMMUNITION NA  
## DescriptionUNLAWFUL POSS OF HANDGUN NA  
## DescriptionUNLAWFUL POSS OTHER FIREARM NA  
## DescriptionUNLAWFUL RESTRAINT NA  
## DescriptionUNLAWFUL USE HANDGUN NA  
## DescriptionUNLAWFUL USE OF A COMPUTER NA  
## DescriptionUNLAWFUL USE OTHER DANG WEAPON NA  
## DescriptionUNLAWFUL USE OTHER FIREARM NA  
## DescriptionUNLAWFUL USE/SALE AIR RIFLE NA  
## DescriptionVEHICLE TITLE/REG OFFENSE NA  
## DescriptionVEHICULAR HIJACKING NA  
## DescriptionVIO BAIL BOND: DOM VIOLENCE NA  
## DescriptionVIOLATE ORDER OF PROTECTION NA  
## DescriptionVIOLATION GPS MONITORING DEVICE NA  
## DescriptionVIOLATION OF CIVIL NO CONTACT ORDER NA  
## DescriptionVIOLATION OF STALKING NO CONTACT ORDER NA  
## DescriptionVIOLENT OFFENDER: ANNUAL REGISTRATION NA  
## DescriptionVIOLENT OFFENDER: DUTY TO REGISTER NA  
## `Location Description`AIRCRAFT -1.769e+01  
## `Location Description`AIRPORT BUILDING NON-TERMINAL - NON-SECURE AREA 3.538e+00  
## `Location Description`AIRPORT BUILDING NON-TERMINAL - SECURE AREA 3.692e+00  
## `Location Description`AIRPORT EXTERIOR - NON-SECURE AREA 4.636e-01  
## `Location Description`AIRPORT PARKING LOT -1.429e+01  
## `Location Description`AIRPORT TERMINAL LOWER LEVEL - NON-SECURE AREA 2.928e+00  
## `Location Description`AIRPORT TERMINAL LOWER LEVEL - SECURE AREA 1.505e+00  
## `Location Description`AIRPORT TERMINAL UPPER LEVEL - NON-SECURE AREA -1.338e+01  
## `Location Description`AIRPORT TERMINAL UPPER LEVEL - SECURE AREA 2.297e+00  
## `Location Description`AIRPORT TRANSPORTATION SYSTEM (ATS) -1.412e+01  
## `Location Description`AIRPORT VENDING ESTABLISHMENT -1.450e+01  
## `Location Description`ALLEY 1.175e+00  
## `Location Description`ANIMAL HOSPITAL -1.509e+01  
## `Location Description`APARTMENT 1.400e+00  
## `Location Description`APPLIANCE STORE 2.932e+00  
## `Location Description`ATHLETIC CLUB 1.555e+00  
## `Location Description`ATM (AUTOMATIC TELLER MACHINE) 2.011e+00  
## `Location Description`AUTO -1.603e+01  
## `Location Description`AUTO / BOAT / RV DEALERSHIP -1.509e+01  
## `Location Description`BANK -6.014e-01  
## `Location Description`BAR OR TAVERN 2.427e+00  
## `Location Description`BARBERSHOP -1.471e+01  
## `Location Description`BOAT/WATERCRAFT -1.202e+01  
## `Location Description`BOWLING ALLEY -1.252e+01  
## `Location Description`BRIDGE 1.142e+00  
## `Location Description`CAR WASH 7.954e-01  
## `Location Description`CEMETARY -1.549e+01  
## `Location Description`CHA APARTMENT 1.850e+00  
## `Location Description`CHA HALLWAY/STAIRWELL/ELEVATOR 2.365e+00  
## `Location Description`CHA PARKING LOT/GROUNDS 1.693e+00  
## `Location Description`CHURCH/SYNAGOGUE/PLACE OF WORSHIP 1.516e+00  
## `Location Description`CLEANING STORE -1.525e+01  
## `Location Description`COLLEGE/UNIVERSITY GROUNDS -1.365e+01  
## `Location Description`COLLEGE/UNIVERSITY RESIDENCE HALL -1.365e+01  
## `Location Description`COMMERCIAL / BUSINESS OFFICE 5.811e-01  
## `Location Description`CONSTRUCTION SITE 1.425e+00  
## `Location Description`CONVENIENCE STORE 1.992e+00  
## `Location Description`CTA BUS 1.945e+00  
## `Location Description`CTA BUS STOP 2.409e+00  
## `Location Description`CTA GARAGE / OTHER PROPERTY 1.255e+00  
## `Location Description`CTA PLATFORM 2.083e+00  
## `Location Description`CTA STATION 2.947e+00  
## `Location Description`CTA TRAIN 9.446e-01  
## `Location Description`CURRENCY EXCHANGE 1.649e+00  
## `Location Description`DAY CARE CENTER 8.551e-01  
## `Location Description`DEPARTMENT STORE 2.747e+00  
## `Location Description`DRIVEWAY - RESIDENTIAL 1.186e+00  
## `Location Description`DRUG STORE 2.050e+00  
## `Location Description`FACTORY/MANUFACTURING BUILDING -1.466e+01  
## `Location Description`FEDERAL BUILDING -1.385e+01  
## `Location Description`FIRE STATION -1.335e+01  
## `Location Description`FOREST PRESERVE -1.494e+01  
## `Location Description`GAS STATION 1.940e+00  
## `Location Description`GOVERNMENT BUILDING 2.087e+01  
## `Location Description`GOVERNMENT BUILDING/PROPERTY 7.834e-01  
## `Location Description`GROCERY FOOD STORE 2.560e+00  
## `Location Description`HALLWAY 2.088e+01  
## `Location Description`HIGHWAY/EXPRESSWAY 1.207e+00  
## `Location Description`HOSPITAL BUILDING/GROUNDS 2.319e+00  
## `Location Description`HOTEL 2.027e+01  
## `Location Description`HOTEL/MOTEL 2.025e+00  
## `Location Description`HOUSE 2.318e+00  
## `Location Description`JAIL / LOCK-UP FACILITY 2.843e+00  
## `Location Description`LAKEFRONT/WATERFRONT/RIVERBANK -1.256e+01  
## `Location Description`LIBRARY 3.130e+00  
## `Location Description`MEDICAL/DENTAL OFFICE -1.481e+01  
## `Location Description`MOVIE HOUSE/THEATER -1.482e+01  
## `Location Description`NURSING HOME/RETIREMENT HOME -2.716e-01  
## `Location Description`OTHER 1.285e+00  
## `Location Description`OTHER COMMERCIAL TRANSPORTATION 1.758e+00  
## `Location Description`OTHER RAILROAD PROP / TRAIN DEPOT 4.183e+00  
## `Location Description`PARK PROPERTY 7.563e-01  
## `Location Description`PARKING LOT 2.103e+01  
## `Location Description`PARKING LOT/GARAGE(NON.RESID.) 1.541e+00  
## `Location Description`PAWN SHOP -1.434e+01  
## `Location Description`POLICE FACILITY/VEH PARKING LOT 2.129e+00  
## `Location Description`POOL ROOM -1.399e+01  
## `Location Description`PORCH 1.190e+00  
## `Location Description`RESIDENCE 1.031e+00  
## `Location Description`RESIDENCE PORCH/HALLWAY 1.396e+00  
## `Location Description`RESIDENCE-GARAGE 9.403e-01  
## `Location Description`RESIDENTIAL YARD (FRONT/BACK) 1.286e+00  
## `Location Description`RESTAURANT 1.627e+00  
## `Location Description`SAVINGS AND LOAN -1.562e+01  
## `Location Description`SCHOOL, PRIVATE, BUILDING 8.312e-01  
## `Location Description`SCHOOL, PRIVATE, GROUNDS 2.722e-01  
## `Location Description`SCHOOL, PUBLIC, BUILDING 1.469e+00  
## `Location Description`SCHOOL, PUBLIC, GROUNDS 8.641e-01  
## `Location Description`SIDEWALK 1.642e+00  
## `Location Description`SMALL RETAIL STORE 1.621e+00  
## `Location Description`SPORTS ARENA/STADIUM 2.570e+00  
## `Location Description`STREET 1.323e+00  
## `Location Description`TAVERN/LIQUOR STORE 2.008e+00  
## `Location Description`TAXICAB -1.550e+01  
## `Location Description`VACANT LOT 2.256e+00  
## `Location Description`VACANT LOT/LAND 2.524e+00  
## `Location Description`VEHICLE - DELIVERY TRUCK -1.392e+01  
## `Location Description`VEHICLE - OTHER RIDE SHARE SERVICE (E.G., UBER, LYFT) -1.373e+01  
## `Location Description`VEHICLE NON-COMMERCIAL 1.281e+00  
## `Location Description`VEHICLE-COMMERCIAL 1.210e+00  
## `Location Description`VEHICLE-COMMERCIAL - ENTERTAINMENT/PARTY BUS -1.610e+01  
## `Location Description`WAREHOUSE 1.673e+00  
## `Location Description`YARD -1.579e+01  
## DomesticTRUE 2.102e-01  
## District002 -9.748e-02  
## District003 1.832e-01  
## District004 4.289e-01  
## District005 4.503e-01  
## District006 5.244e-01  
## District007 1.615e-01  
## District008 -5.807e-01  
## District009 -1.357e-01  
## District010 7.238e-01  
## District011 9.763e-02  
## District012 1.188e-01  
## District014 4.367e-01  
## District015 1.084e-01  
## District016 3.715e-01  
## District017 4.972e-01  
## District018 2.982e-01  
## District019 3.223e-01  
## District020 7.308e-01  
## District022 2.643e-01  
## District024 1.549e-01  
## District025 3.069e-01  
## Ward2 -9.295e-02  
## Ward3 -8.110e-02  
## Ward4 4.849e-02  
## Ward5 -1.267e-01  
## Ward6 -8.625e-03  
## Ward7 -3.642e-01  
## Ward8 -4.963e-02  
## Ward9 4.718e-02  
## Ward10 -2.668e-01  
## Ward11 -1.298e-01  
## Ward12 1.594e-01  
## Ward13 6.778e-01  
## Ward14 7.174e-01  
## Ward15 -9.027e-02  
## Ward16 4.890e-01  
## Ward17 1.329e-01  
## Ward18 2.738e-01  
## Ward19 -3.901e-02  
## Ward20 1.404e-02  
## Ward21 2.376e-02  
## Ward22 -8.276e-01  
## Ward23 9.483e-01  
## Ward24 -3.741e-01  
## Ward25 -1.035e-01  
## Ward26 -2.000e-01  
## Ward27 3.027e-01  
## Ward28 4.087e-02  
## Ward29 -1.011e-01  
## Ward30 -2.409e-01  
## Ward31 2.138e-02  
## Ward32 -6.410e-01  
## Ward33 -6.206e-01  
## Ward34 1.843e-02  
## Ward35 -5.096e-01  
## Ward36 -4.385e-02  
## Ward37 -3.575e-03  
## Ward38 -2.756e-01  
## Ward39 -7.501e-01  
## Ward40 -1.781e-02  
## Ward41 4.555e-02  
## Ward42 7.810e-02  
## Ward43 -4.284e-02  
## Ward44 -4.127e-01  
## Ward45 -4.568e-01  
## Ward46 -3.012e-01  
## Ward47 -3.299e-01  
## Ward48 -4.449e-01  
## Ward49 1.696e-01  
## Ward50 -6.797e-02  
## Std. Error  
## (Intercept) 5.348e+00  
## Date 3.364e-09  
## IUCR0261 3.224e+03  
## IUCR0264 3.755e+03  
## IUCR0265 1.620e+03  
## IUCR0266 6.523e+03  
## IUCR0281 8.633e-01  
## IUCR0291 1.155e+00  
## IUCR0312 7.814e-01  
## IUCR0313 1.466e+03  
## IUCR031A 5.571e-01  
## IUCR031B 4.599e+03  
## IUCR0320 5.556e-01  
## IUCR0325 8.690e-01  
## IUCR0326 8.683e-01  
## IUCR0330 7.943e-01  
## IUCR0331 1.328e+00  
## IUCR0334 1.176e+00  
## IUCR0337 6.523e+03  
## IUCR033A 8.779e-01  
## IUCR033B 6.523e+03  
## IUCR0340 1.144e+00  
## IUCR041A 7.450e-01  
## IUCR0420 6.022e-01  
## IUCR0430 5.152e-01  
## IUCR0440 1.148e+00  
## IUCR0450 6.523e+03  
## IUCR0453 1.347e+00  
## IUCR0454 6.421e-01  
## IUCR0460 4.707e-01  
## IUCR0461 6.523e+03  
## IUCR0462 3.620e+03  
## IUCR0470 5.908e-01  
## IUCR0479 8.116e-01  
## IUCR0483 2.774e+03  
## IUCR0484 5.620e-01  
## IUCR0485 1.354e+00  
## IUCR0486 4.745e-01  
## IUCR0488 6.523e+03  
## IUCR0495 1.167e+00  
## IUCR0496 5.760e-01  
## IUCR0497 5.463e-01  
## IUCR0498 5.675e-01  
## IUCR051A 5.041e-01  
## IUCR051B 3.723e+03  
## IUCR0520 5.322e-01  
## IUCR0530 5.666e-01  
## IUCR0545 6.451e-01  
## IUCR0552 6.523e+03  
## IUCR0553 1.049e+00  
## IUCR0554 2.644e+03  
## IUCR0555 1.434e+00  
## IUCR0557 1.123e+00  
## IUCR0558 6.523e+03  
## IUCR0560 4.751e-01  
## IUCR0580 4.529e+03  
## IUCR0584 6.523e+03  
## IUCR0610 5.232e-01  
## IUCR0620 5.553e-01  
## IUCR0630 1.118e+00  
## IUCR0650 8.901e-01  
## IUCR0810 5.116e-01  
## IUCR0820 4.816e-01  
## IUCR0850 7.083e-01  
## IUCR0860 4.864e-01  
## IUCR0865 3.752e+03  
## IUCR0870 1.119e+00  
## IUCR0880 1.226e+03  
## IUCR0890 6.505e-01  
## IUCR0910 5.051e-01  
## IUCR0915 1.868e+03  
## IUCR0917 1.959e+03  
## IUCR0920 1.942e+03  
## IUCR0930 1.128e+00  
## IUCR0935 6.523e+03  
## IUCR0937 6.523e+03  
## IUCR1020 2.055e+03  
## IUCR1025 6.523e+03  
## IUCR1090 4.505e+03  
## IUCR1110 1.281e+00  
## IUCR1120 7.996e-01  
## IUCR1121 7.160e-01  
## IUCR1122 1.153e+00  
## IUCR1130 5.941e+02  
## IUCR1135 6.523e+03  
## IUCR1140 6.523e+03  
## IUCR1150 7.501e-01  
## IUCR1151 6.523e+03  
## IUCR1152 6.270e+02  
## IUCR1153 7.499e-01  
## IUCR1154 8.045e+02  
## IUCR1155 4.605e+03  
## IUCR1156 1.263e+03  
## IUCR1170 4.606e+03  
## IUCR1185 4.442e+03  
## IUCR1195 4.612e+03  
## IUCR1200 1.071e+00  
## IUCR1205 1.499e+00  
## IUCR1206 1.139e+00  
## IUCR1210 5.867e-01  
## IUCR1220 7.329e-01  
## IUCR1240 6.523e+03  
## IUCR1242 1.868e+03  
## IUCR1245 4.601e+03  
## IUCR1261 4.600e+03  
## IUCR1305 6.355e-01  
## IUCR1310 4.817e-01  
## IUCR1320 5.231e-01  
## IUCR1330 4.898e-01  
## IUCR1335 6.523e+03  
## IUCR1340 9.578e-01  
## IUCR1345 6.152e-01  
## IUCR1350 7.535e-01  
## IUCR1360 5.822e-01  
## IUCR1365 5.220e-01  
## IUCR1370 6.523e+03  
## IUCR1375 6.523e+03  
## IUCR141A 7.685e-01  
## IUCR141B 2.059e+03  
## IUCR141C 1.371e+00  
## IUCR143A 5.089e-01  
## IUCR143B 1.141e+00  
## IUCR143C 1.205e+00  
## IUCR1450 6.523e+03  
## IUCR1477 8.724e-01  
## IUCR1478 1.538e+00  
## IUCR1479 2.910e+03  
## IUCR1480 3.766e+03  
## IUCR1506 1.100e+03  
## IUCR1507 6.523e+03  
## IUCR1512 4.602e+03  
## IUCR1513 2.885e+03  
## IUCR1535 6.523e+03  
## IUCR1536 6.523e+03  
## IUCR1537 6.523e+03  
## IUCR1540 2.642e+03  
## IUCR1541 4.610e+03  
## IUCR1544 3.735e+03  
## IUCR1562 9.290e-01  
## IUCR1563 8.886e-01  
## IUCR1565 6.523e+03  
## IUCR1570 9.258e-01  
## IUCR1582 2.592e+03  
## IUCR1585 2.633e+03  
## IUCR1661 1.955e+03  
## IUCR1710 7.987e-01  
## IUCR1715 6.523e+03  
## IUCR1725 6.523e+03  
## IUCR1750 6.161e-01  
## IUCR1751 2.896e+03  
## IUCR1752 1.153e+00  
## IUCR1753 1.266e+00  
## IUCR1754 2.444e+03  
## IUCR1755 6.523e+03  
## IUCR1780 1.408e+03  
## IUCR1790 2.908e+03  
## IUCR1791 6.523e+03  
## IUCR1792 3.233e+03  
## IUCR1811 6.995e+02  
## IUCR1812 8.029e+02  
## IUCR1821 1.074e+03  
## IUCR1822 8.674e+02  
## IUCR2011 6.523e+03  
## IUCR2012 3.758e+03  
## IUCR2013 4.604e+03  
## IUCR2014 8.857e+02  
## IUCR2017 1.312e+03  
## IUCR2018 4.567e+03  
## IUCR2020 3.256e+03  
## IUCR2021 1.728e+03  
## IUCR2022 1.122e+03  
## IUCR2023 2.280e+03  
## IUCR2024 5.439e+02  
## IUCR2025 3.750e+03  
## IUCR2026 1.789e+03  
## IUCR2027 6.949e+02  
## IUCR2028 1.534e+03  
## IUCR2030 6.523e+03  
## IUCR2031 2.277e+03  
## IUCR2033 6.523e+03  
## IUCR2090 3.017e+03  
## IUCR2091 4.594e+03  
## IUCR2092 1.065e+03  
## IUCR2093 8.440e+02  
## IUCR2170 1.858e+03  
## IUCR2210 3.230e+03  
## IUCR2220 3.625e+03  
## IUCR2230 4.540e+03  
## IUCR2250 2.865e+03  
## IUCR2820 7.459e-01  
## IUCR2825 8.519e-01  
## IUCR2826 8.557e-01  
## IUCR2850 1.079e+00  
## IUCR2851 1.204e+00  
## IUCR2860 9.692e-01  
## IUCR2870 4.570e+03  
## IUCR2890 1.216e+00  
## IUCR2900 6.523e+03  
## IUCR3100 4.592e+03  
## IUCR3710 1.537e+03  
## IUCR3730 2.882e+03  
## IUCR3731 9.794e+02  
## IUCR3750 6.523e+03  
## IUCR3760 4.564e+03  
## IUCR3800 6.523e+03  
## IUCR3960 9.748e-01  
## IUCR3970 3.261e+03  
## IUCR4220 3.646e+03  
## IUCR4230 6.523e+03  
## IUCR4255 6.523e+03  
## IUCR4386 2.390e+03  
## IUCR4387 5.151e-01  
## IUCR4388 3.728e+03  
## IUCR4389 6.523e+03  
## IUCR4625 2.443e+03  
## IUCR4650 7.630e-01  
## IUCR4651 7.869e-01  
## IUCR4860 6.523e+03  
## IUCR5000 1.135e+00  
## IUCR5001 8.232e-01  
## IUCR5002 5.237e-01  
## IUCR5004 4.462e+03  
## IUCR5007 9.493e-01  
## IUCR500N 3.609e+03  
## IUCR5011 6.411e-01  
## IUCR501A 9.298e-01  
## IUCR502P 5.547e-01  
## IUCR502R 5.901e-01  
## IUCR5093 6.523e+03  
## IUCR5110 1.154e+00  
## IUCR5111 1.141e+00  
## IUCR5112 3.213e+03  
## IUCR5114 6.523e+03  
## IUCR5130 6.523e+03  
## IUCR5131 3.744e+03  
## `Primary Type`ASSAULT NA  
## `Primary Type`BATTERY NA  
## `Primary Type`BURGLARY NA  
## `Primary Type`CONCEALED CARRY LICENSE VIOLATION NA  
## `Primary Type`CRIM SEXUAL ASSAULT NA  
## `Primary Type`CRIMINAL DAMAGE NA  
## `Primary Type`CRIMINAL TRESPASS NA  
## `Primary Type`DECEPTIVE PRACTICE NA  
## `Primary Type`GAMBLING NA  
## `Primary Type`HOMICIDE NA  
## `Primary Type`INTERFERENCE WITH PUBLIC OFFICER NA  
## `Primary Type`INTIMIDATION NA  
## `Primary Type`KIDNAPPING NA  
## `Primary Type`LIQUOR LAW VIOLATION NA  
## `Primary Type`MOTOR VEHICLE THEFT NA  
## `Primary Type`NARCOTICS NA  
## `Primary Type`NON-CRIMINAL NA  
## `Primary Type`OBSCENITY NA  
## `Primary Type`OFFENSE INVOLVING CHILDREN NA  
## `Primary Type`OTHER OFFENSE NA  
## `Primary Type`PROSTITUTION NA  
## `Primary Type`PUBLIC INDECENCY NA  
## `Primary Type`PUBLIC PEACE VIOLATION NA  
## `Primary Type`ROBBERY NA  
## `Primary Type`SEX OFFENSE NA  
## `Primary Type`STALKING NA  
## `Primary Type`THEFT NA  
## `Primary Type`WEAPONS VIOLATION NA  
## DescriptionABUSE/NEGLECT: CARE FACILITY NA  
## DescriptionAGG CRIM SEX ABUSE FAM MEMBER NA  
## DescriptionAGG CRIMINAL SEXUAL ABUSE NA  
## DescriptionAGG PO HANDS ETC SERIOUS INJ NA  
## DescriptionAGG PO HANDS NO/MIN INJURY NA  
## DescriptionAGG PRO EMP HANDS SERIOUS INJ NA  
## DescriptionAGG PRO.EMP: HANDGUN NA  
## DescriptionAGG PRO.EMP: OTHER DANG WEAPON NA  
## DescriptionAGG PRO.EMP:KNIFE/CUTTING INST NA  
## DescriptionAGG SEX ASSLT OF CHILD FAM MBR NA  
## DescriptionAGG: HANDS/FIST/FEET NO/MINOR INJURY NA  
## DescriptionAGG: HANDS/FIST/FEET SERIOUS INJURY NA  
## DescriptionAGGRAVATED NA  
## DescriptionAGGRAVATED DOMESTIC BATTERY: HANDGUN NA  
## DescriptionAGGRAVATED DOMESTIC BATTERY: HANDS/FIST/FEET SERIOUS INJURY NA  
## DescriptionAGGRAVATED DOMESTIC BATTERY: KNIFE/CUTTING INST NA  
## DescriptionAGGRAVATED DOMESTIC BATTERY: OTHER DANG WEAPON NA  
## DescriptionAGGRAVATED FINANCIAL IDENTITY THEFT NA  
## DescriptionAGGRAVATED OF A CHILD NA  
## DescriptionAGGRAVATED OF A SENIOR CITIZEN NA  
## DescriptionAGGRAVATED PO: HANDGUN NA  
## DescriptionAGGRAVATED PO: OTHER DANG WEAP NA  
## DescriptionAGGRAVATED PO:KNIFE/CUT INSTR NA  
## DescriptionAGGRAVATED VEHICULAR HIJACKING NA  
## DescriptionAGGRAVATED: HANDGUN NA  
## DescriptionAGGRAVATED: OTHER NA  
## DescriptionAGGRAVATED: OTHER DANG WEAPON NA  
## DescriptionAGGRAVATED: OTHER FIREARM NA  
## DescriptionAGGRAVATED:KNIFE/CUTTING INSTR NA  
## DescriptionALTER/FORGE PRESCRIPTION NA  
## DescriptionANIMAL ABUSE/NEGLECT NA  
## DescriptionARMED WHILE UNDER THE INFLUENCE NA  
## DescriptionARMED: HANDGUN NA  
## DescriptionARMED: OTHER DANGEROUS WEAPON NA  
## DescriptionARMED: OTHER FIREARM NA  
## DescriptionARMED:KNIFE/CUTTING INSTRUMENT NA  
## DescriptionARSON THREAT NA  
## DescriptionATT CRIM SEXUAL ABUSE NA  
## DescriptionATT: AUTOMOBILE NA  
## DescriptionATTEMPT - FINANCIAL IDENTITY THEFT NA  
## DescriptionATTEMPT ARSON NA  
## DescriptionATTEMPT FORCIBLE ENTRY NA  
## DescriptionATTEMPT NON-AGGRAVATED NA  
## DescriptionATTEMPT THEFT NA  
## DescriptionATTEMPT: AGGRAVATED NA  
## DescriptionATTEMPT: ARMED-HANDGUN NA  
## DescriptionATTEMPT: ARMED-KNIFE/CUT INSTR NA  
## DescriptionATTEMPT: ARMED-OTHER DANG WEAP NA  
## DescriptionATTEMPT: ARMED-OTHER FIREARM NA  
## DescriptionATTEMPT: STRONGARM-NO WEAPON NA  
## DescriptionAUTOMOBILE NA  
## DescriptionBOARD PLANE WITH WEAPON NA  
## DescriptionBOGUS CHECK NA  
## DescriptionBOMB THREAT NA  
## DescriptionBY FIRE NA  
## DescriptionCHILD ABANDONMENT NA  
## DescriptionCHILD ABDUCTION NA  
## DescriptionCHILD ABDUCTION/STRANGER NA  
## DescriptionCHILD ABUSE NA  
## DescriptionCHILD PORNOGRAPHY NA  
## DescriptionCOMPUTER FRAUD NA  
## DescriptionCONTRIBUTE CRIM DELINQUENCY JUVENILE NA  
## DescriptionCOUNTERFEIT CHECK NA  
## DescriptionCOUNTERFEITING DOCUMENT NA  
## DescriptionCREDIT CARD FRAUD NA  
## DescriptionCRIM SEX ABUSE BY FAM MEMBER NA  
## DescriptionCRIMINAL DEFACEMENT NA  
## DescriptionCRIMINAL SEXUAL ABUSE NA  
## DescriptionCYCLE, SCOOTER, BIKE W-VIN NA  
## DescriptionDECEPTIVE COLLECTION PRACTICES NA  
## DescriptionDEFACE IDENT MARKS OF FIREARM NA  
## DescriptionDELIVERY CONTAINER THEFT NA  
## DescriptionDOMESTIC BATTERY SIMPLE NA  
## DescriptionEMBEZZLEMENT NA  
## DescriptionENDANGERING LIFE/HEALTH CHILD NA  
## DescriptionESCAPE NA  
## DescriptionEXTORTION NA  
## DescriptionFALSE POLICE REPORT NA  
## DescriptionFALSE/STOLEN/ALTERED TRP NA  
## DescriptionFINAN EXPLOIT-ELDERLY/DISABLED NA  
## DescriptionFINANCIAL IDENTITY THEFT $300 AND UNDER NA  
## DescriptionFINANCIAL IDENTITY THEFT OVER $ 300 NA  
## DescriptionFIRST DEGREE MURDER NA  
## DescriptionFOID - REVOCATION NA  
## DescriptionFORCIBLE ENTRY NA  
## DescriptionFORFEIT PROPERTY NA  
## DescriptionFORGERY NA  
## DescriptionFOUND SUSPECT NARCOTICS NA  
## DescriptionFRAUD OR CONFIDENCE GAME NA  
## DescriptionFROM BUILDING NA  
## DescriptionGAME/DICE NA  
## DescriptionGUN OFFENDER: ANNUAL REGISTRATION NA  
## DescriptionGUN OFFENDER: DUTY TO REGISTER NA  
## DescriptionGUN OFFENDER: DUTY TO REPORT CHANGE OF INFORMATION NA  
## DescriptionHARASSMENT BY ELECTRONIC MEANS NA  
## DescriptionHARASSMENT BY TELEPHONE NA  
## DescriptionHARBOR RUNAWAY NA  
## DescriptionHOME INVASION NA  
## DescriptionILLEGAL CONSUMPTION BY MINOR NA  
## DescriptionILLEGAL POSSESSION BY MINOR NA  
## DescriptionILLEGAL POSSESSION CASH CARD NA  
## DescriptionILLEGAL USE CASH CARD NA  
## DescriptionIMPERSONATION NA  
## DescriptionINDECENT SOLICITATION/CHILD NA  
## DescriptionINSTITUTIONAL VANDALISM NA  
## DescriptionINSURANCE FRAUD NA  
## DescriptionINTERFERENCE JUDICIAL PROCESS NA  
## DescriptionINTIMIDATION NA  
## DescriptionLICENSE VIOLATION NA  
## DescriptionLICENSED PREMISE NA  
## DescriptionLIQUOR LICENSE VIOLATION NA  
## DescriptionLOST PASSPORT NA  
## DescriptionMANU/DEL:CANNABIS 10GM OR LESS NA  
## DescriptionMANU/DEL:CANNABIS OVER 10 GMS NA  
## DescriptionMANU/DELIVER: HEROIN (WHITE) NA  
## DescriptionMANU/DELIVER: HEROIN(BRN/TAN) NA  
## DescriptionMANU/DELIVER:BARBITUATES NA  
## DescriptionMANU/DELIVER:COCAINE NA  
## DescriptionMANU/DELIVER:CRACK NA  
## DescriptionMANU/DELIVER:LOOK-ALIKE DRUG NA  
## DescriptionMANU/DELIVER:SYNTHETIC DRUGS NA  
## DescriptionMANU/POSS. W/INTENT TO DELIVER: SYNTHETIC MARIJUANA NA  
## DescriptionMOB ACTION NA  
## DescriptionNON-AGGRAVATED NA  
## DescriptionOBSCENE MATTER NA  
## DescriptionOBSCENITY NA  
## DescriptionOBSTRUCTING IDENTIFICATION NA  
## DescriptionOBSTRUCTING JUSTICE NA  
## DescriptionOBSTRUCTING SERVICE NA  
## DescriptionOTHER NA  
## DescriptionOTHER CRIME AGAINST PERSON NA  
## DescriptionOTHER CRIME INVOLVING PROPERTY NA  
## DescriptionOTHER OFFENSE NA  
## DescriptionOTHER VEHICLE OFFENSE NA  
## DescriptionOTHER VIOLATION NA  
## DescriptionOTHER WEAPONS VIOLATION NA  
## DescriptionOVER $500 NA  
## DescriptionPAROLE VIOLATION NA  
## DescriptionPAY TV SERVICE OFFENSES NA  
## DescriptionPEEPING TOM NA  
## DescriptionPOCKET-PICKING NA  
## DescriptionPOS: PORNOGRAPHIC PRINT NA  
## DescriptionPOSS: AMPHETAMINES NA  
## DescriptionPOSS: BARBITUATES NA  
## DescriptionPOSS: CANNABIS 30GMS OR LESS NA  
## DescriptionPOSS: CANNABIS MORE THAN 30GMS NA  
## DescriptionPOSS: COCAINE NA  
## DescriptionPOSS: CRACK NA  
## DescriptionPOSS: HALLUCINOGENS NA  
## DescriptionPOSS: HEROIN(BRN/TAN) NA  
## DescriptionPOSS: HEROIN(WHITE) NA  
## DescriptionPOSS: METHAMPHETAMINES NA  
## DescriptionPOSS: PCP NA  
## DescriptionPOSS: SYNTHETIC DRUGS NA  
## DescriptionPOSSESSION OF DRUG EQUIPMENT NA  
## DescriptionPREDATORY NA  
## DescriptionPRO EMP HANDS NO/MIN INJURY NA  
## DescriptionPROHIBITED PLACES NA  
## DescriptionPUBLIC INDECENCY NA  
## DescriptionPURSE-SNATCHING NA  
## DescriptionRECKLESS CONDUCT NA  
## DescriptionRECKLESS FIREARM DISCHARGE NA  
## DescriptionRESIST/OBSTRUCT/DISARM OFFICER NA  
## DescriptionRETAIL THEFT NA  
## DescriptionSALE TOBACCO PRODUCTS TO MINOR NA  
## DescriptionSALE/DIST OBSCENE MAT TO MINOR NA  
## DescriptionSELL/GIVE/DEL LIQUOR TO MINOR NA  
## DescriptionSEX ASSLT OF CHILD BY FAM MBR NA  
## DescriptionSEX OFFENDER: FAIL REG NEW ADD NA  
## DescriptionSEX OFFENDER: FAIL TO REGISTER NA  
## DescriptionSEXUAL EXPLOITATION OF A CHILD NA  
## DescriptionSIMPLE NA  
## DescriptionSOLICIT FOR BUSINESS NA  
## DescriptionSOLICIT FOR PROSTITUTE NA  
## DescriptionSOLICIT NARCOTICS ON PUBLICWAY NA  
## DescriptionSOLICIT OFF PUBLIC WAY NA  
## DescriptionSOLICIT ON PUBLIC WAY NA  
## DescriptionSTOLEN PROP: BUY/RECEIVE/POS. NA  
## DescriptionSTRONGARM - NO WEAPON NA  
## DescriptionTELEPHONE THREAT NA  
## DescriptionTHEFT BY LESSEE,MOTOR VEH NA  
## DescriptionTHEFT BY LESSEE,NON-VEH NA  
## DescriptionTHEFT OF LABOR/SERVICES NA  
## DescriptionTHEFT OF LOST/MISLAID PROP NA  
## DescriptionTHEFT/RECOVERY: AUTOMOBILE NA  
## DescriptionTHEFT/RECOVERY: CYCLE, SCOOTER, BIKE W-VIN NA  
## DescriptionTHEFT/RECOVERY: TRUCK,BUS,MHOME NA  
## DescriptionTO AIRPORT NA  
## DescriptionTO CITY OF CHICAGO PROPERTY NA  
## DescriptionTO FIRE FIGHT.APP.EQUIP NA  
## DescriptionTO LAND NA  
## DescriptionTO PROPERTY NA  
## DescriptionTO RESIDENCE NA  
## DescriptionTO STATE SUP LAND NA  
## DescriptionTO STATE SUP PROP NA  
## DescriptionTO VEHICLE NA  
## DescriptionTRUCK, BUS, MOTOR HOME NA  
## DescriptionUNAUTHORIZED VIDEOTAPING NA  
## DescriptionUNLAWFUL ENTRY NA  
## DescriptionUNLAWFUL INTERFERE/VISITATION NA  
## DescriptionUNLAWFUL POSS AMMUNITION NA  
## DescriptionUNLAWFUL POSS OF HANDGUN NA  
## DescriptionUNLAWFUL POSS OTHER FIREARM NA  
## DescriptionUNLAWFUL RESTRAINT NA  
## DescriptionUNLAWFUL USE HANDGUN NA  
## DescriptionUNLAWFUL USE OF A COMPUTER NA  
## DescriptionUNLAWFUL USE OTHER DANG WEAPON NA  
## DescriptionUNLAWFUL USE OTHER FIREARM NA  
## DescriptionUNLAWFUL USE/SALE AIR RIFLE NA  
## DescriptionVEHICLE TITLE/REG OFFENSE NA  
## DescriptionVEHICULAR HIJACKING NA  
## DescriptionVIO BAIL BOND: DOM VIOLENCE NA  
## DescriptionVIOLATE ORDER OF PROTECTION NA  
## DescriptionVIOLATION GPS MONITORING DEVICE NA  
## DescriptionVIOLATION OF CIVIL NO CONTACT ORDER NA  
## DescriptionVIOLATION OF STALKING NO CONTACT ORDER NA  
## DescriptionVIOLENT OFFENDER: ANNUAL REGISTRATION NA  
## DescriptionVIOLENT OFFENDER: DUTY TO REGISTER NA  
## `Location Description`AIRCRAFT 2.936e+03  
## `Location Description`AIRPORT BUILDING NON-TERMINAL - NON-SECURE AREA 1.778e+00  
## `Location Description`AIRPORT BUILDING NON-TERMINAL - SECURE AREA 2.017e+00  
## `Location Description`AIRPORT EXTERIOR - NON-SECURE AREA 2.016e+00  
## `Location Description`AIRPORT PARKING LOT 3.738e+03  
## `Location Description`AIRPORT TERMINAL LOWER LEVEL - NON-SECURE AREA 1.642e+00  
## `Location Description`AIRPORT TERMINAL LOWER LEVEL - SECURE AREA 1.881e+00  
## `Location Description`AIRPORT TERMINAL UPPER LEVEL - NON-SECURE AREA 3.702e+03  
## `Location Description`AIRPORT TERMINAL UPPER LEVEL - SECURE AREA 1.519e+00  
## `Location Description`AIRPORT TRANSPORTATION SYSTEM (ATS) 6.523e+03  
## `Location Description`AIRPORT VENDING ESTABLISHMENT 3.766e+03  
## `Location Description`ALLEY 1.354e+00  
## `Location Description`ANIMAL HOSPITAL 4.120e+03  
## `Location Description`APARTMENT 1.337e+00  
## `Location Description`APPLIANCE STORE 1.718e+00  
## `Location Description`ATHLETIC CLUB 1.722e+00  
## `Location Description`ATM (AUTOMATIC TELLER MACHINE) 1.783e+00  
## `Location Description`AUTO 2.895e+03  
## `Location Description`AUTO / BOAT / RV DEALERSHIP 1.860e+03  
## `Location Description`BANK 1.720e+00  
## `Location Description`BAR OR TAVERN 1.370e+00  
## `Location Description`BARBERSHOP 1.635e+03  
## `Location Description`BOAT/WATERCRAFT 6.523e+03  
## `Location Description`BOWLING ALLEY 6.523e+03  
## `Location Description`BRIDGE 6.721e+03  
## `Location Description`CAR WASH 2.409e+00  
## `Location Description`CEMETARY 6.523e+03  
## `Location Description`CHA APARTMENT 1.399e+00  
## `Location Description`CHA HALLWAY/STAIRWELL/ELEVATOR 1.563e+00  
## `Location Description`CHA PARKING LOT/GROUNDS 1.455e+00  
## `Location Description`CHURCH/SYNAGOGUE/PLACE OF WORSHIP 1.506e+00  
## `Location Description`CLEANING STORE 2.769e+03  
## `Location Description`COLLEGE/UNIVERSITY GROUNDS 1.682e+03  
## `Location Description`COLLEGE/UNIVERSITY RESIDENCE HALL 6.523e+03  
## `Location Description`COMMERCIAL / BUSINESS OFFICE 1.487e+00  
## `Location Description`CONSTRUCTION SITE 1.711e+00  
## `Location Description`CONVENIENCE STORE 1.357e+00  
## `Location Description`CTA BUS 1.398e+00  
## `Location Description`CTA BUS STOP 1.433e+00  
## `Location Description`CTA GARAGE / OTHER PROPERTY 1.618e+00  
## `Location Description`CTA PLATFORM 1.406e+00  
## `Location Description`CTA STATION 1.380e+00  
## `Location Description`CTA TRAIN 1.443e+00  
## `Location Description`CURRENCY EXCHANGE 1.560e+00  
## `Location Description`DAY CARE CENTER 1.593e+00  
## `Location Description`DEPARTMENT STORE 1.348e+00  
## `Location Description`DRIVEWAY - RESIDENTIAL 1.694e+00  
## `Location Description`DRUG STORE 1.368e+00  
## `Location Description`FACTORY/MANUFACTURING BUILDING 2.478e+03  
## `Location Description`FEDERAL BUILDING 6.523e+03  
## `Location Description`FIRE STATION 4.610e+03  
## `Location Description`FOREST PRESERVE 6.523e+03  
## `Location Description`GAS STATION 1.350e+00  
## `Location Description`GOVERNMENT BUILDING 6.523e+03  
## `Location Description`GOVERNMENT BUILDING/PROPERTY 1.528e+00  
## `Location Description`GROCERY FOOD STORE 1.348e+00  
## `Location Description`HALLWAY 6.523e+03  
## `Location Description`HIGHWAY/EXPRESSWAY 6.580e+03  
## `Location Description`HOSPITAL BUILDING/GROUNDS 1.379e+00  
## `Location Description`HOTEL 6.523e+03  
## `Location Description`HOTEL/MOTEL 1.380e+00  
## `Location Description`HOUSE 2.024e+00  
## `Location Description`JAIL / LOCK-UP FACILITY 3.318e+00  
## `Location Description`LAKEFRONT/WATERFRONT/RIVERBANK 1.617e+03  
## `Location Description`LIBRARY 1.506e+00  
## `Location Description`MEDICAL/DENTAL OFFICE 1.352e+03  
## `Location Description`MOVIE HOUSE/THEATER 2.603e+03  
## `Location Description`NURSING HOME/RETIREMENT HOME 1.681e+00  
## `Location Description`OTHER 1.345e+00  
## `Location Description`OTHER COMMERCIAL TRANSPORTATION 1.991e+00  
## `Location Description`OTHER RAILROAD PROP / TRAIN DEPOT 1.677e+00  
## `Location Description`PARK PROPERTY 1.405e+00  
## `Location Description`PARKING LOT 6.523e+03  
## `Location Description`PARKING LOT/GARAGE(NON.RESID.) 1.348e+00  
## `Location Description`PAWN SHOP 6.523e+03  
## `Location Description`POLICE FACILITY/VEH PARKING LOT 1.462e+00  
## `Location Description`POOL ROOM 6.523e+03  
## `Location Description`PORCH 1.871e+00  
## `Location Description`RESIDENCE 1.337e+00  
## `Location Description`RESIDENCE PORCH/HALLWAY 1.349e+00  
## `Location Description`RESIDENCE-GARAGE 1.379e+00  
## `Location Description`RESIDENTIAL YARD (FRONT/BACK) 1.350e+00  
## `Location Description`RESTAURANT 1.349e+00  
## `Location Description`SAVINGS AND LOAN 6.523e+03  
## `Location Description`SCHOOL, PRIVATE, BUILDING 1.495e+00  
## `Location Description`SCHOOL, PRIVATE, GROUNDS 1.832e+00  
## `Location Description`SCHOOL, PUBLIC, BUILDING 1.355e+00  
## `Location Description`SCHOOL, PUBLIC, GROUNDS 1.432e+00  
## `Location Description`SIDEWALK 1.338e+00  
## `Location Description`SMALL RETAIL STORE 1.345e+00  
## `Location Description`SPORTS ARENA/STADIUM 1.502e+00  
## `Location Description`STREET 1.336e+00  
## `Location Description`TAVERN/LIQUOR STORE 1.488e+00  
## `Location Description`TAXICAB 1.298e+03  
## `Location Description`VACANT LOT 2.003e+00  
## `Location Description`VACANT LOT/LAND 1.426e+00  
## `Location Description`VEHICLE - DELIVERY TRUCK 3.761e+03  
## `Location Description`VEHICLE - OTHER RIDE SHARE SERVICE (E.G., UBER, LYFT) 1.081e+03  
## `Location Description`VEHICLE NON-COMMERCIAL 1.360e+00  
## `Location Description`VEHICLE-COMMERCIAL 1.717e+00  
## `Location Description`VEHICLE-COMMERCIAL - ENTERTAINMENT/PARTY BUS 6.523e+03  
## `Location Description`WAREHOUSE 1.591e+00  
## `Location Description`YARD 6.523e+03  
## DomesticTRUE 1.125e-01  
## District002 3.367e-01  
## District003 4.139e-01  
## District004 4.706e-01  
## District005 5.058e-01  
## District006 4.272e-01  
## District007 4.130e-01  
## District008 4.374e-01  
## District009 3.557e-01  
## District010 3.191e-01  
## District011 2.756e-01  
## District012 2.422e-01  
## District014 3.509e-01  
## District015 3.374e-01  
## District016 5.039e-01  
## District017 4.638e-01  
## District018 1.925e-01  
## District019 4.438e-01  
## District020 6.237e-01  
## District022 5.016e-01  
## District024 7.016e-01  
## District025 3.585e-01  
## Ward2 3.559e-01  
## Ward3 4.683e-01  
## Ward4 4.936e-01  
## Ward5 5.432e-01  
## Ward6 5.309e-01  
## Ward7 5.803e-01  
## Ward8 5.591e-01  
## Ward9 6.106e-01  
## Ward10 5.980e-01  
## Ward11 5.466e-01  
## Ward12 4.738e-01  
## Ward13 6.134e-01  
## Ward14 5.526e-01  
## Ward15 5.431e-01  
## Ward16 5.303e-01  
## Ward17 5.331e-01  
## Ward18 5.729e-01  
## Ward19 6.772e-01  
## Ward20 5.073e-01  
## Ward21 5.573e-01  
## Ward22 4.974e-01  
## Ward23 6.003e-01  
## Ward24 4.002e-01  
## Ward25 4.135e-01  
## Ward26 3.437e-01  
## Ward27 3.439e-01  
## Ward28 3.721e-01  
## Ward29 4.252e-01  
## Ward30 4.708e-01  
## Ward31 4.657e-01  
## Ward32 4.134e-01  
## Ward33 5.659e-01  
## Ward34 6.033e-01  
## Ward35 4.017e-01  
## Ward36 4.729e-01  
## Ward37 4.001e-01  
## Ward38 5.734e-01  
## Ward39 5.653e-01  
## Ward40 6.752e-01  
## Ward41 6.322e-01  
## Ward42 3.680e-01  
## Ward43 4.406e-01  
## Ward44 5.354e-01  
## Ward45 5.542e-01  
## Ward46 5.301e-01  
## Ward47 5.632e-01  
## Ward48 6.866e-01  
## Ward49 7.506e-01  
## Ward50 7.295e-01  
## z value  
## (Intercept) 1.082  
## Date -1.600  
## IUCR0261 -0.005  
## IUCR0264 -0.005  
## IUCR0265 -0.011  
## IUCR0266 -0.003  
## IUCR0281 -3.123  
## IUCR0291 -1.358  
## IUCR0312 -1.827  
## IUCR0313 -0.012  
## IUCR031A -3.829  
## IUCR031B -0.004  
## IUCR0320 -3.008  
## IUCR0325 -1.849  
## IUCR0326 -1.947  
## IUCR0330 -1.324  
## IUCR0331 0.409  
## IUCR0334 -1.163  
## IUCR0337 -0.003  
## IUCR033A -1.477  
## IUCR033B -0.003  
## IUCR0340 -1.994  
## IUCR041A -3.698  
## IUCR0420 -0.785  
## IUCR0430 -0.837  
## IUCR0440 -1.556  
## IUCR0450 -0.003  
## IUCR0453 1.005  
## IUCR0454 3.926  
## IUCR0460 -1.964  
## IUCR0461 0.003  
## IUCR0462 -0.005  
## IUCR0470 4.267  
## IUCR0479 -1.048  
## IUCR0483 -0.007  
## IUCR0484 0.546  
## IUCR0485 0.340  
## IUCR0486 -1.286  
## IUCR0488 0.003  
## IUCR0495 -1.338  
## IUCR0496 -0.145  
## IUCR0497 -0.358  
## IUCR0498 1.154  
## IUCR051A -1.729  
## IUCR051B -0.005  
## IUCR0520 -0.697  
## IUCR0530 -1.089  
## IUCR0545 -0.538  
## IUCR0552 -0.003  
## IUCR0553 0.160  
## IUCR0554 0.007  
## IUCR0555 1.078  
## IUCR0557 0.451  
## IUCR0558 0.003  
## IUCR0560 -2.583  
## IUCR0580 -0.004  
## IUCR0584 0.003  
## IUCR0610 -3.544  
## IUCR0620 -3.524  
## IUCR0630 -2.373  
## IUCR0650 -1.067  
## IUCR0810 -5.490  
## IUCR0820 -5.049  
## IUCR0850 -0.879  
## IUCR0860 -0.392  
## IUCR0865 -0.005  
## IUCR0870 -4.044  
## IUCR0880 -0.015  
## IUCR0890 -6.366  
## IUCR0910 -4.298  
## IUCR0915 -0.010  
## IUCR0917 -0.009  
## IUCR0920 -0.009  
## IUCR0930 -1.955  
## IUCR0935 -0.003  
## IUCR0937 -0.003  
## IUCR1020 -0.009  
## IUCR1025 0.003  
## IUCR1090 -0.004  
## IUCR1110 -1.618  
## IUCR1120 -1.640  
## IUCR1121 -2.238  
## IUCR1122 -1.524  
## IUCR1130 -0.030  
## IUCR1135 -0.003  
## IUCR1140 0.003  
## IUCR1150 -5.427  
## IUCR1151 -0.003  
## IUCR1152 -0.029  
## IUCR1153 -3.953  
## IUCR1154 -0.022  
## IUCR1155 -0.004  
## IUCR1156 -0.014  
## IUCR1170 -0.004  
## IUCR1185 -0.004  
## IUCR1195 -0.004  
## IUCR1200 0.815  
## IUCR1205 0.579  
## IUCR1206 -1.839  
## IUCR1210 -0.139  
## IUCR1220 2.084  
## IUCR1240 -0.003  
## IUCR1242 -0.009  
## IUCR1245 -0.004  
## IUCR1261 -0.004  
## IUCR1305 -1.517  
## IUCR1310 -3.007  
## IUCR1320 -5.600  
## IUCR1330 3.069  
## IUCR1335 0.003  
## IUCR1340 -0.512  
## IUCR1345 1.065  
## IUCR1350 2.575  
## IUCR1360 0.647  
## IUCR1365 -0.057  
## IUCR1370 -0.003  
## IUCR1375 -0.003  
## IUCR141A -1.852  
## IUCR141B -0.009  
## IUCR141C 1.266  
## IUCR143A 5.452  
## IUCR143B 3.059  
## IUCR143C 2.226  
## IUCR1450 0.003  
## IUCR1477 -1.847  
## IUCR1478 -0.066  
## IUCR1479 0.007  
## IUCR1480 0.005  
## IUCR1506 0.018  
## IUCR1507 0.003  
## IUCR1512 0.004  
## IUCR1513 0.007  
## IUCR1535 -0.003  
## IUCR1536 0.003  
## IUCR1537 -0.003  
## IUCR1540 0.007  
## IUCR1541 0.004  
## IUCR1544 -0.005  
## IUCR1562 -0.637  
## IUCR1563 -1.633  
## IUCR1565 -0.003  
## IUCR1570 -1.057  
## IUCR1582 -0.007  
## IUCR1585 -0.006  
## IUCR1661 0.010  
## IUCR1710 -0.978  
## IUCR1715 0.003  
## IUCR1725 -0.003  
## IUCR1750 -0.891  
## IUCR1751 -0.006  
## IUCR1752 -1.331  
## IUCR1753 -0.098  
## IUCR1754 -0.007  
## IUCR1755 -0.003  
## IUCR1780 -0.013  
## IUCR1790 -0.006  
## IUCR1791 -0.003  
## IUCR1792 -0.005  
## IUCR1811 0.028  
## IUCR1812 0.024  
## IUCR1821 0.018  
## IUCR1822 0.022  
## IUCR2011 0.003  
## IUCR2012 0.005  
## IUCR2013 0.004  
## IUCR2014 0.022  
## IUCR2017 0.015  
## IUCR2018 0.004  
## IUCR2020 0.006  
## IUCR2021 0.011  
## IUCR2022 0.017  
## IUCR2023 0.009  
## IUCR2024 0.035  
## IUCR2025 0.005  
## IUCR2026 0.011  
## IUCR2027 0.028  
## IUCR2028 0.013  
## IUCR2030 0.003  
## IUCR2031 0.009  
## IUCR2033 0.003  
## IUCR2090 0.011  
## IUCR2091 0.004  
## IUCR2092 0.018  
## IUCR2093 0.023  
## IUCR2170 0.010  
## IUCR2210 0.006  
## IUCR2220 0.005  
## IUCR2230 0.004  
## IUCR2250 0.007  
## IUCR2820 -4.369  
## IUCR2825 -4.056  
## IUCR2826 -4.057  
## IUCR2850 -0.487  
## IUCR2851 -0.600  
## IUCR2860 0.957  
## IUCR2870 -0.004  
## IUCR2890 0.970  
## IUCR2900 0.003  
## IUCR3100 0.004  
## IUCR3710 0.020  
## IUCR3730 0.007  
## IUCR3731 0.020  
## IUCR3750 0.003  
## IUCR3760 0.004  
## IUCR3800 0.003  
## IUCR3960 -0.030  
## IUCR3970 -0.005  
## IUCR4220 -0.005  
## IUCR4230 -0.003  
## IUCR4255 -0.003  
## IUCR4386 -0.007  
## IUCR4387 0.830  
## IUCR4388 0.005  
## IUCR4389 0.003  
## IUCR4625 0.008  
## IUCR4650 0.875  
## IUCR4651 0.276  
## IUCR4860 0.003  
## IUCR5000 -2.067  
## IUCR5001 -0.089  
## IUCR5002 -0.854  
## IUCR5004 -0.004  
## IUCR5007 2.195  
## IUCR500N -0.005  
## IUCR5011 -0.494  
## IUCR501A -0.526  
## IUCR502P 1.796  
## IUCR502R 4.059  
## IUCR5093 -0.003  
## IUCR5110 2.597  
## IUCR5111 2.942  
## IUCR5112 0.006  
## IUCR5114 -0.003  
## IUCR5130 0.003  
## IUCR5131 0.005  
## `Primary Type`ASSAULT NA  
## `Primary Type`BATTERY NA  
## `Primary Type`BURGLARY NA  
## `Primary Type`CONCEALED CARRY LICENSE VIOLATION NA  
## `Primary Type`CRIM SEXUAL ASSAULT NA  
## `Primary Type`CRIMINAL DAMAGE NA  
## `Primary Type`CRIMINAL TRESPASS NA  
## `Primary Type`DECEPTIVE PRACTICE NA  
## `Primary Type`GAMBLING NA  
## `Primary Type`HOMICIDE NA  
## `Primary Type`INTERFERENCE WITH PUBLIC OFFICER NA  
## `Primary Type`INTIMIDATION NA  
## `Primary Type`KIDNAPPING NA  
## `Primary Type`LIQUOR LAW VIOLATION NA  
## `Primary Type`MOTOR VEHICLE THEFT NA  
## `Primary Type`NARCOTICS NA  
## `Primary Type`NON-CRIMINAL NA  
## `Primary Type`OBSCENITY NA  
## `Primary Type`OFFENSE INVOLVING CHILDREN NA  
## `Primary Type`OTHER OFFENSE NA  
## `Primary Type`PROSTITUTION NA  
## `Primary Type`PUBLIC INDECENCY NA  
## `Primary Type`PUBLIC PEACE VIOLATION NA  
## `Primary Type`ROBBERY NA  
## `Primary Type`SEX OFFENSE NA  
## `Primary Type`STALKING NA  
## `Primary Type`THEFT NA  
## `Primary Type`WEAPONS VIOLATION NA  
## DescriptionABUSE/NEGLECT: CARE FACILITY NA  
## DescriptionAGG CRIM SEX ABUSE FAM MEMBER NA  
## DescriptionAGG CRIMINAL SEXUAL ABUSE NA  
## DescriptionAGG PO HANDS ETC SERIOUS INJ NA  
## DescriptionAGG PO HANDS NO/MIN INJURY NA  
## DescriptionAGG PRO EMP HANDS SERIOUS INJ NA  
## DescriptionAGG PRO.EMP: HANDGUN NA  
## DescriptionAGG PRO.EMP: OTHER DANG WEAPON NA  
## DescriptionAGG PRO.EMP:KNIFE/CUTTING INST NA  
## DescriptionAGG SEX ASSLT OF CHILD FAM MBR NA  
## DescriptionAGG: HANDS/FIST/FEET NO/MINOR INJURY NA  
## DescriptionAGG: HANDS/FIST/FEET SERIOUS INJURY NA  
## DescriptionAGGRAVATED NA  
## DescriptionAGGRAVATED DOMESTIC BATTERY: HANDGUN NA  
## DescriptionAGGRAVATED DOMESTIC BATTERY: HANDS/FIST/FEET SERIOUS INJURY NA  
## DescriptionAGGRAVATED DOMESTIC BATTERY: KNIFE/CUTTING INST NA  
## DescriptionAGGRAVATED DOMESTIC BATTERY: OTHER DANG WEAPON NA  
## DescriptionAGGRAVATED FINANCIAL IDENTITY THEFT NA  
## DescriptionAGGRAVATED OF A CHILD NA  
## DescriptionAGGRAVATED OF A SENIOR CITIZEN NA  
## DescriptionAGGRAVATED PO: HANDGUN NA  
## DescriptionAGGRAVATED PO: OTHER DANG WEAP NA  
## DescriptionAGGRAVATED PO:KNIFE/CUT INSTR NA  
## DescriptionAGGRAVATED VEHICULAR HIJACKING NA  
## DescriptionAGGRAVATED: HANDGUN NA  
## DescriptionAGGRAVATED: OTHER NA  
## DescriptionAGGRAVATED: OTHER DANG WEAPON NA  
## DescriptionAGGRAVATED: OTHER FIREARM NA  
## DescriptionAGGRAVATED:KNIFE/CUTTING INSTR NA  
## DescriptionALTER/FORGE PRESCRIPTION NA  
## DescriptionANIMAL ABUSE/NEGLECT NA  
## DescriptionARMED WHILE UNDER THE INFLUENCE NA  
## DescriptionARMED: HANDGUN NA  
## DescriptionARMED: OTHER DANGEROUS WEAPON NA  
## DescriptionARMED: OTHER FIREARM NA  
## DescriptionARMED:KNIFE/CUTTING INSTRUMENT NA  
## DescriptionARSON THREAT NA  
## DescriptionATT CRIM SEXUAL ABUSE NA  
## DescriptionATT: AUTOMOBILE NA  
## DescriptionATTEMPT - FINANCIAL IDENTITY THEFT NA  
## DescriptionATTEMPT ARSON NA  
## DescriptionATTEMPT FORCIBLE ENTRY NA  
## DescriptionATTEMPT NON-AGGRAVATED NA  
## DescriptionATTEMPT THEFT NA  
## DescriptionATTEMPT: AGGRAVATED NA  
## DescriptionATTEMPT: ARMED-HANDGUN NA  
## DescriptionATTEMPT: ARMED-KNIFE/CUT INSTR NA  
## DescriptionATTEMPT: ARMED-OTHER DANG WEAP NA  
## DescriptionATTEMPT: ARMED-OTHER FIREARM NA  
## DescriptionATTEMPT: STRONGARM-NO WEAPON NA  
## DescriptionAUTOMOBILE NA  
## DescriptionBOARD PLANE WITH WEAPON NA  
## DescriptionBOGUS CHECK NA  
## DescriptionBOMB THREAT NA  
## DescriptionBY FIRE NA  
## DescriptionCHILD ABANDONMENT NA  
## DescriptionCHILD ABDUCTION NA  
## DescriptionCHILD ABDUCTION/STRANGER NA  
## DescriptionCHILD ABUSE NA  
## DescriptionCHILD PORNOGRAPHY NA  
## DescriptionCOMPUTER FRAUD NA  
## DescriptionCONTRIBUTE CRIM DELINQUENCY JUVENILE NA  
## DescriptionCOUNTERFEIT CHECK NA  
## DescriptionCOUNTERFEITING DOCUMENT NA  
## DescriptionCREDIT CARD FRAUD NA  
## DescriptionCRIM SEX ABUSE BY FAM MEMBER NA  
## DescriptionCRIMINAL DEFACEMENT NA  
## DescriptionCRIMINAL SEXUAL ABUSE NA  
## DescriptionCYCLE, SCOOTER, BIKE W-VIN NA  
## DescriptionDECEPTIVE COLLECTION PRACTICES NA  
## DescriptionDEFACE IDENT MARKS OF FIREARM NA  
## DescriptionDELIVERY CONTAINER THEFT NA  
## DescriptionDOMESTIC BATTERY SIMPLE NA  
## DescriptionEMBEZZLEMENT NA  
## DescriptionENDANGERING LIFE/HEALTH CHILD NA  
## DescriptionESCAPE NA  
## DescriptionEXTORTION NA  
## DescriptionFALSE POLICE REPORT NA  
## DescriptionFALSE/STOLEN/ALTERED TRP NA  
## DescriptionFINAN EXPLOIT-ELDERLY/DISABLED NA  
## DescriptionFINANCIAL IDENTITY THEFT $300 AND UNDER NA  
## DescriptionFINANCIAL IDENTITY THEFT OVER $ 300 NA  
## DescriptionFIRST DEGREE MURDER NA  
## DescriptionFOID - REVOCATION NA  
## DescriptionFORCIBLE ENTRY NA  
## DescriptionFORFEIT PROPERTY NA  
## DescriptionFORGERY NA  
## DescriptionFOUND SUSPECT NARCOTICS NA  
## DescriptionFRAUD OR CONFIDENCE GAME NA  
## DescriptionFROM BUILDING NA  
## DescriptionGAME/DICE NA  
## DescriptionGUN OFFENDER: ANNUAL REGISTRATION NA  
## DescriptionGUN OFFENDER: DUTY TO REGISTER NA  
## DescriptionGUN OFFENDER: DUTY TO REPORT CHANGE OF INFORMATION NA  
## DescriptionHARASSMENT BY ELECTRONIC MEANS NA  
## DescriptionHARASSMENT BY TELEPHONE NA  
## DescriptionHARBOR RUNAWAY NA  
## DescriptionHOME INVASION NA  
## DescriptionILLEGAL CONSUMPTION BY MINOR NA  
## DescriptionILLEGAL POSSESSION BY MINOR NA  
## DescriptionILLEGAL POSSESSION CASH CARD NA  
## DescriptionILLEGAL USE CASH CARD NA  
## DescriptionIMPERSONATION NA  
## DescriptionINDECENT SOLICITATION/CHILD NA  
## DescriptionINSTITUTIONAL VANDALISM NA  
## DescriptionINSURANCE FRAUD NA  
## DescriptionINTERFERENCE JUDICIAL PROCESS NA  
## DescriptionINTIMIDATION NA  
## DescriptionLICENSE VIOLATION NA  
## DescriptionLICENSED PREMISE NA  
## DescriptionLIQUOR LICENSE VIOLATION NA  
## DescriptionLOST PASSPORT NA  
## DescriptionMANU/DEL:CANNABIS 10GM OR LESS NA  
## DescriptionMANU/DEL:CANNABIS OVER 10 GMS NA  
## DescriptionMANU/DELIVER: HEROIN (WHITE) NA  
## DescriptionMANU/DELIVER: HEROIN(BRN/TAN) NA  
## DescriptionMANU/DELIVER:BARBITUATES NA  
## DescriptionMANU/DELIVER:COCAINE NA  
## DescriptionMANU/DELIVER:CRACK NA  
## DescriptionMANU/DELIVER:LOOK-ALIKE DRUG NA  
## DescriptionMANU/DELIVER:SYNTHETIC DRUGS NA  
## DescriptionMANU/POSS. W/INTENT TO DELIVER: SYNTHETIC MARIJUANA NA  
## DescriptionMOB ACTION NA  
## DescriptionNON-AGGRAVATED NA  
## DescriptionOBSCENE MATTER NA  
## DescriptionOBSCENITY NA  
## DescriptionOBSTRUCTING IDENTIFICATION NA  
## DescriptionOBSTRUCTING JUSTICE NA  
## DescriptionOBSTRUCTING SERVICE NA  
## DescriptionOTHER NA  
## DescriptionOTHER CRIME AGAINST PERSON NA  
## DescriptionOTHER CRIME INVOLVING PROPERTY NA  
## DescriptionOTHER OFFENSE NA  
## DescriptionOTHER VEHICLE OFFENSE NA  
## DescriptionOTHER VIOLATION NA  
## DescriptionOTHER WEAPONS VIOLATION NA  
## DescriptionOVER $500 NA  
## DescriptionPAROLE VIOLATION NA  
## DescriptionPAY TV SERVICE OFFENSES NA  
## DescriptionPEEPING TOM NA  
## DescriptionPOCKET-PICKING NA  
## DescriptionPOS: PORNOGRAPHIC PRINT NA  
## DescriptionPOSS: AMPHETAMINES NA  
## DescriptionPOSS: BARBITUATES NA  
## DescriptionPOSS: CANNABIS 30GMS OR LESS NA  
## DescriptionPOSS: CANNABIS MORE THAN 30GMS NA  
## DescriptionPOSS: COCAINE NA  
## DescriptionPOSS: CRACK NA  
## DescriptionPOSS: HALLUCINOGENS NA  
## DescriptionPOSS: HEROIN(BRN/TAN) NA  
## DescriptionPOSS: HEROIN(WHITE) NA  
## DescriptionPOSS: METHAMPHETAMINES NA  
## DescriptionPOSS: PCP NA  
## DescriptionPOSS: SYNTHETIC DRUGS NA  
## DescriptionPOSSESSION OF DRUG EQUIPMENT NA  
## DescriptionPREDATORY NA  
## DescriptionPRO EMP HANDS NO/MIN INJURY NA  
## DescriptionPROHIBITED PLACES NA  
## DescriptionPUBLIC INDECENCY NA  
## DescriptionPURSE-SNATCHING NA  
## DescriptionRECKLESS CONDUCT NA  
## DescriptionRECKLESS FIREARM DISCHARGE NA  
## DescriptionRESIST/OBSTRUCT/DISARM OFFICER NA  
## DescriptionRETAIL THEFT NA  
## DescriptionSALE TOBACCO PRODUCTS TO MINOR NA  
## DescriptionSALE/DIST OBSCENE MAT TO MINOR NA  
## DescriptionSELL/GIVE/DEL LIQUOR TO MINOR NA  
## DescriptionSEX ASSLT OF CHILD BY FAM MBR NA  
## DescriptionSEX OFFENDER: FAIL REG NEW ADD NA  
## DescriptionSEX OFFENDER: FAIL TO REGISTER NA  
## DescriptionSEXUAL EXPLOITATION OF A CHILD NA  
## DescriptionSIMPLE NA  
## DescriptionSOLICIT FOR BUSINESS NA  
## DescriptionSOLICIT FOR PROSTITUTE NA  
## DescriptionSOLICIT NARCOTICS ON PUBLICWAY NA  
## DescriptionSOLICIT OFF PUBLIC WAY NA  
## DescriptionSOLICIT ON PUBLIC WAY NA  
## DescriptionSTOLEN PROP: BUY/RECEIVE/POS. NA  
## DescriptionSTRONGARM - NO WEAPON NA  
## DescriptionTELEPHONE THREAT NA  
## DescriptionTHEFT BY LESSEE,MOTOR VEH NA  
## DescriptionTHEFT BY LESSEE,NON-VEH NA  
## DescriptionTHEFT OF LABOR/SERVICES NA  
## DescriptionTHEFT OF LOST/MISLAID PROP NA  
## DescriptionTHEFT/RECOVERY: AUTOMOBILE NA  
## DescriptionTHEFT/RECOVERY: CYCLE, SCOOTER, BIKE W-VIN NA  
## DescriptionTHEFT/RECOVERY: TRUCK,BUS,MHOME NA  
## DescriptionTO AIRPORT NA  
## DescriptionTO CITY OF CHICAGO PROPERTY NA  
## DescriptionTO FIRE FIGHT.APP.EQUIP NA  
## DescriptionTO LAND NA  
## DescriptionTO PROPERTY NA  
## DescriptionTO RESIDENCE NA  
## DescriptionTO STATE SUP LAND NA  
## DescriptionTO STATE SUP PROP NA  
## DescriptionTO VEHICLE NA  
## DescriptionTRUCK, BUS, MOTOR HOME NA  
## DescriptionUNAUTHORIZED VIDEOTAPING NA  
## DescriptionUNLAWFUL ENTRY NA  
## DescriptionUNLAWFUL INTERFERE/VISITATION NA  
## DescriptionUNLAWFUL POSS AMMUNITION NA  
## DescriptionUNLAWFUL POSS OF HANDGUN NA  
## DescriptionUNLAWFUL POSS OTHER FIREARM NA  
## DescriptionUNLAWFUL RESTRAINT NA  
## DescriptionUNLAWFUL USE HANDGUN NA  
## DescriptionUNLAWFUL USE OF A COMPUTER NA  
## DescriptionUNLAWFUL USE OTHER DANG WEAPON NA  
## DescriptionUNLAWFUL USE OTHER FIREARM NA  
## DescriptionUNLAWFUL USE/SALE AIR RIFLE NA  
## DescriptionVEHICLE TITLE/REG OFFENSE NA  
## DescriptionVEHICULAR HIJACKING NA  
## DescriptionVIO BAIL BOND: DOM VIOLENCE NA  
## DescriptionVIOLATE ORDER OF PROTECTION NA  
## DescriptionVIOLATION GPS MONITORING DEVICE NA  
## DescriptionVIOLATION OF CIVIL NO CONTACT ORDER NA  
## DescriptionVIOLATION OF STALKING NO CONTACT ORDER NA  
## DescriptionVIOLENT OFFENDER: ANNUAL REGISTRATION NA  
## DescriptionVIOLENT OFFENDER: DUTY TO REGISTER NA  
## `Location Description`AIRCRAFT -0.006  
## `Location Description`AIRPORT BUILDING NON-TERMINAL - NON-SECURE AREA 1.990  
## `Location Description`AIRPORT BUILDING NON-TERMINAL - SECURE AREA 1.831  
## `Location Description`AIRPORT EXTERIOR - NON-SECURE AREA 0.230  
## `Location Description`AIRPORT PARKING LOT -0.004  
## `Location Description`AIRPORT TERMINAL LOWER LEVEL - NON-SECURE AREA 1.784  
## `Location Description`AIRPORT TERMINAL LOWER LEVEL - SECURE AREA 0.800  
## `Location Description`AIRPORT TERMINAL UPPER LEVEL - NON-SECURE AREA -0.004  
## `Location Description`AIRPORT TERMINAL UPPER LEVEL - SECURE AREA 1.512  
## `Location Description`AIRPORT TRANSPORTATION SYSTEM (ATS) -0.002  
## `Location Description`AIRPORT VENDING ESTABLISHMENT -0.004  
## `Location Description`ALLEY 0.867  
## `Location Description`ANIMAL HOSPITAL -0.004  
## `Location Description`APARTMENT 1.047  
## `Location Description`APPLIANCE STORE 1.707  
## `Location Description`ATHLETIC CLUB 0.903  
## `Location Description`ATM (AUTOMATIC TELLER MACHINE) 1.128  
## `Location Description`AUTO -0.006  
## `Location Description`AUTO / BOAT / RV DEALERSHIP -0.008  
## `Location Description`BANK -0.350  
## `Location Description`BAR OR TAVERN 1.772  
## `Location Description`BARBERSHOP -0.009  
## `Location Description`BOAT/WATERCRAFT -0.002  
## `Location Description`BOWLING ALLEY -0.002  
## `Location Description`BRIDGE 0.000  
## `Location Description`CAR WASH 0.330  
## `Location Description`CEMETARY -0.002  
## `Location Description`CHA APARTMENT 1.322  
## `Location Description`CHA HALLWAY/STAIRWELL/ELEVATOR 1.514  
## `Location Description`CHA PARKING LOT/GROUNDS 1.164  
## `Location Description`CHURCH/SYNAGOGUE/PLACE OF WORSHIP 1.007  
## `Location Description`CLEANING STORE -0.006  
## `Location Description`COLLEGE/UNIVERSITY GROUNDS -0.008  
## `Location Description`COLLEGE/UNIVERSITY RESIDENCE HALL -0.002  
## `Location Description`COMMERCIAL / BUSINESS OFFICE 0.391  
## `Location Description`CONSTRUCTION SITE 0.832  
## `Location Description`CONVENIENCE STORE 1.468  
## `Location Description`CTA BUS 1.391  
## `Location Description`CTA BUS STOP 1.681  
## `Location Description`CTA GARAGE / OTHER PROPERTY 0.775  
## `Location Description`CTA PLATFORM 1.481  
## `Location Description`CTA STATION 2.135  
## `Location Description`CTA TRAIN 0.655  
## `Location Description`CURRENCY EXCHANGE 1.057  
## `Location Description`DAY CARE CENTER 0.537  
## `Location Description`DEPARTMENT STORE 2.038  
## `Location Description`DRIVEWAY - RESIDENTIAL 0.700  
## `Location Description`DRUG STORE 1.498  
## `Location Description`FACTORY/MANUFACTURING BUILDING -0.006  
## `Location Description`FEDERAL BUILDING -0.002  
## `Location Description`FIRE STATION -0.003  
## `Location Description`FOREST PRESERVE -0.002  
## `Location Description`GAS STATION 1.436  
## `Location Description`GOVERNMENT BUILDING 0.003  
## `Location Description`GOVERNMENT BUILDING/PROPERTY 0.513  
## `Location Description`GROCERY FOOD STORE 1.900  
## `Location Description`HALLWAY 0.003  
## `Location Description`HIGHWAY/EXPRESSWAY 0.000  
## `Location Description`HOSPITAL BUILDING/GROUNDS 1.682  
## `Location Description`HOTEL 0.003  
## `Location Description`HOTEL/MOTEL 1.468  
## `Location Description`HOUSE 1.145  
## `Location Description`JAIL / LOCK-UP FACILITY 0.857  
## `Location Description`LAKEFRONT/WATERFRONT/RIVERBANK -0.008  
## `Location Description`LIBRARY 2.078  
## `Location Description`MEDICAL/DENTAL OFFICE -0.011  
## `Location Description`MOVIE HOUSE/THEATER -0.006  
## `Location Description`NURSING HOME/RETIREMENT HOME -0.162  
## `Location Description`OTHER 0.956  
## `Location Description`OTHER COMMERCIAL TRANSPORTATION 0.883  
## `Location Description`OTHER RAILROAD PROP / TRAIN DEPOT 2.494  
## `Location Description`PARK PROPERTY 0.538  
## `Location Description`PARKING LOT 0.003  
## `Location Description`PARKING LOT/GARAGE(NON.RESID.) 1.143  
## `Location Description`PAWN SHOP -0.002  
## `Location Description`POLICE FACILITY/VEH PARKING LOT 1.457  
## `Location Description`POOL ROOM -0.002  
## `Location Description`PORCH 0.636  
## `Location Description`RESIDENCE 0.771  
## `Location Description`RESIDENCE PORCH/HALLWAY 1.035  
## `Location Description`RESIDENCE-GARAGE 0.682  
## `Location Description`RESIDENTIAL YARD (FRONT/BACK) 0.952  
## `Location Description`RESTAURANT 1.207  
## `Location Description`SAVINGS AND LOAN -0.002  
## `Location Description`SCHOOL, PRIVATE, BUILDING 0.556  
## `Location Description`SCHOOL, PRIVATE, GROUNDS 0.149  
## `Location Description`SCHOOL, PUBLIC, BUILDING 1.084  
## `Location Description`SCHOOL, PUBLIC, GROUNDS 0.603  
## `Location Description`SIDEWALK 1.227  
## `Location Description`SMALL RETAIL STORE 1.205  
## `Location Description`SPORTS ARENA/STADIUM 1.711  
## `Location Description`STREET 0.990  
## `Location Description`TAVERN/LIQUOR STORE 1.349  
## `Location Description`TAXICAB -0.012  
## `Location Description`VACANT LOT 1.127  
## `Location Description`VACANT LOT/LAND 1.770  
## `Location Description`VEHICLE - DELIVERY TRUCK -0.004  
## `Location Description`VEHICLE - OTHER RIDE SHARE SERVICE (E.G., UBER, LYFT) -0.013  
## `Location Description`VEHICLE NON-COMMERCIAL 0.942  
## `Location Description`VEHICLE-COMMERCIAL 0.704  
## `Location Description`VEHICLE-COMMERCIAL - ENTERTAINMENT/PARTY BUS -0.002  
## `Location Description`WAREHOUSE 1.051  
## `Location Description`YARD -0.002  
## DomesticTRUE 1.869  
## District002 -0.290  
## District003 0.443  
## District004 0.911  
## District005 0.890  
## District006 1.228  
## District007 0.391  
## District008 -1.327  
## District009 -0.382  
## District010 2.269  
## District011 0.354  
## District012 0.491  
## District014 1.245  
## District015 0.321  
## District016 0.737  
## District017 1.072  
## District018 1.549  
## District019 0.726  
## District020 1.172  
## District022 0.527  
## District024 0.221  
## District025 0.856  
## Ward2 -0.261  
## Ward3 -0.173  
## Ward4 0.098  
## Ward5 -0.233  
## Ward6 -0.016  
## Ward7 -0.628  
## Ward8 -0.089  
## Ward9 0.077  
## Ward10 -0.446  
## Ward11 -0.237  
## Ward12 0.336  
## Ward13 1.105  
## Ward14 1.298  
## Ward15 -0.166  
## Ward16 0.922  
## Ward17 0.249  
## Ward18 0.478  
## Ward19 -0.058  
## Ward20 0.028  
## Ward21 0.043  
## Ward22 -1.664  
## Ward23 1.580  
## Ward24 -0.935  
## Ward25 -0.250  
## Ward26 -0.582  
## Ward27 0.880  
## Ward28 0.110  
## Ward29 -0.238  
## Ward30 -0.512  
## Ward31 0.046  
## Ward32 -1.551  
## Ward33 -1.097  
## Ward34 0.031  
## Ward35 -1.269  
## Ward36 -0.093  
## Ward37 -0.009  
## Ward38 -0.481  
## Ward39 -1.327  
## Ward40 -0.026  
## Ward41 0.072  
## Ward42 0.212  
## Ward43 -0.097  
## Ward44 -0.771  
## Ward45 -0.824  
## Ward46 -0.568  
## Ward47 -0.586  
## Ward48 -0.648  
## Ward49 0.226  
## Ward50 -0.093  
## Pr(>|z|)  
## (Intercept) 0.279114  
## Date 0.109631  
## IUCR0261 0.995629  
## IUCR0264 0.996354  
## IUCR0265 0.991348  
## IUCR0266 0.997857  
## IUCR0281 0.001788  
## IUCR0291 0.174601  
## IUCR0312 0.067763  
## IUCR0313 0.990283  
## IUCR031A 0.000129  
## IUCR031B 0.996912  
## IUCR0320 0.002631  
## IUCR0325 0.064473  
## IUCR0326 0.051580  
## IUCR0330 0.185463  
## IUCR0331 0.682669  
## IUCR0334 0.244695  
## IUCR0337 0.997881  
## IUCR033A 0.139654  
## IUCR033B 0.997833  
## IUCR0340 0.046155  
## IUCR041A 0.000217  
## IUCR0420 0.432283  
## IUCR0430 0.402615  
## IUCR0440 0.119800  
## IUCR0450 0.997813  
## IUCR0453 0.314792  
## IUCR0454 8.65e-05  
## IUCR0460 0.049478  
## IUCR0461 0.997662  
## IUCR0462 0.996062  
## IUCR0470 1.98e-05  
## IUCR0479 0.294490  
## IUCR0483 0.994678  
## IUCR0484 0.585383  
## IUCR0485 0.734015  
## IUCR0486 0.198446  
## IUCR0488 0.997626  
## IUCR0495 0.180837  
## IUCR0496 0.884929  
## IUCR0497 0.720219  
## IUCR0498 0.248437  
## IUCR051A 0.083734  
## IUCR051B 0.996193  
## IUCR0520 0.485974  
## IUCR0530 0.276246  
## IUCR0545 0.590603  
## IUCR0552 0.997897  
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## IUCR0554 0.994103  
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## IUCR0557 0.651861  
## IUCR0558 0.997539  
## IUCR0560 0.009801  
## IUCR0580 0.996773  
## IUCR0584 0.997588  
## IUCR0610 0.000394  
## IUCR0620 0.000424  
## IUCR0630 0.017650  
## IUCR0650 0.285981  
## IUCR0810 4.03e-08  
## IUCR0820 4.44e-07  
## IUCR0850 0.379502  
## IUCR0860 0.694720  
## IUCR0865 0.996191  
## IUCR0870 5.26e-05  
## IUCR0880 0.988347  
## IUCR0890 1.94e-10  
## IUCR0910 1.72e-05  
## IUCR0915 0.992363  
## IUCR0917 0.992888  
## IUCR0920 0.992702  
## IUCR0930 0.050624  
## IUCR0935 0.997830  
## IUCR0937 0.997859  
## IUCR1020 0.993177  
## IUCR1025 0.997620  
## IUCR1090 0.996893  
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## IUCR1120 0.101082  
## IUCR1121 0.025218  
## IUCR1122 0.127444  
## IUCR1130 0.976438  
## IUCR1135 0.997862  
## IUCR1140 0.997638  
## IUCR1150 5.74e-08  
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## IUCR1152 0.977228  
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## IUCR1154 0.982583  
## IUCR1155 0.996963  
## IUCR1156 0.988910  
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## IUCR1195 0.996905  
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## IUCR1205 0.562408  
## IUCR1206 0.065864  
## IUCR1210 0.889200  
## IUCR1220 0.037167  
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## IUCR1245 0.996963  
## IUCR1261 0.996961  
## IUCR1305 0.129236  
## IUCR1310 0.002640  
## IUCR1320 2.14e-08  
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## IUCR1340 0.608339  
## IUCR1345 0.286983  
## IUCR1350 0.010020  
## IUCR1360 0.517425  
## IUCR1365 0.954327  
## IUCR1370 0.997847  
## IUCR1375 0.997773  
## IUCR141A 0.064096  
## IUCR141B 0.993140  
## IUCR141C 0.205492  
## IUCR143A 4.97e-08  
## IUCR143B 0.002220  
## IUCR143C 0.026024  
## IUCR1450 0.997655  
## IUCR1477 0.064719  
## IUCR1478 0.947483  
## IUCR1479 0.994747  
## IUCR1480 0.995962  
## IUCR1506 0.985756  
## IUCR1507 0.997659  
## IUCR1512 0.996566  
## IUCR1513 0.994574  
## IUCR1535 0.997851  
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## IUCR1537 0.997836  
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## IUCR1541 0.996610  
## IUCR1544 0.996261  
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## IUCR1563 0.102463  
## IUCR1565 0.997834  
## IUCR1570 0.290740  
## IUCR1582 0.994476  
## IUCR1585 0.994924  
## IUCR1661 0.992141  
## IUCR1710 0.328059  
## IUCR1715 0.997640  
## IUCR1725 0.997869  
## IUCR1750 0.372921  
## IUCR1751 0.995150  
## IUCR1752 0.183269  
## IUCR1753 0.922165  
## IUCR1754 0.994206  
## IUCR1755 0.997835  
## IUCR1780 0.990012  
## IUCR1790 0.995156  
## IUCR1791 0.997865  
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## IUCR1811 0.977749  
## IUCR1812 0.980684  
## IUCR1821 0.985687  
## IUCR1822 0.982211  
## IUCR2011 0.997661  
## IUCR2012 0.995838  
## IUCR2013 0.996723  
## IUCR2014 0.982541  
## IUCR2017 0.988203  
## IUCR2018 0.996703  
## IUCR2020 0.995195  
## IUCR2021 0.990992  
## IUCR2022 0.986066  
## IUCR2023 0.993126  
## IUCR2024 0.971687  
## IUCR2025 0.995918  
## IUCR2026 0.991272  
## IUCR2027 0.977648  
## IUCR2028 0.989922  
## IUCR2030 0.997605  
## IUCR2031 0.993145  
## IUCR2033 0.997632  
## IUCR2090 0.991015  
## IUCR2091 0.996650  
## IUCR2092 0.985558  
## IUCR2093 0.981659  
## IUCR2170 0.991635  
## IUCR2210 0.995387  
## IUCR2220 0.995658  
## IUCR2230 0.996561  
## IUCR2250 0.994750  
## IUCR2820 1.25e-05  
## IUCR2825 4.99e-05  
## IUCR2826 4.96e-05  
## IUCR2850 0.625996  
## IUCR2851 0.548710  
## IUCR2860 0.338733  
## IUCR2870 0.997059  
## IUCR2890 0.331859  
## IUCR2900 0.997698  
## IUCR3100 0.996625  
## IUCR3710 0.983862  
## IUCR3730 0.994575  
## IUCR3731 0.984133  
## IUCR3750 0.997744  
## IUCR3760 0.996622  
## IUCR3800 0.997634  
## IUCR3960 0.976149  
## IUCR3970 0.995832  
## IUCR4220 0.996186  
## IUCR4230 0.997870  
## IUCR4255 0.997853  
## IUCR4386 0.994259  
## IUCR4387 0.406323  
## IUCR4388 0.995848  
## IUCR4389 0.997665  
## IUCR4625 0.993628  
## IUCR4650 0.381587  
## IUCR4651 0.782602  
## IUCR4860 0.997766  
## IUCR5000 0.038774  
## IUCR5001 0.928805  
## IUCR5002 0.392852  
## IUCR5004 0.996709  
## IUCR5007 0.028160  
## IUCR500N 0.996313  
## IUCR5011 0.621636  
## IUCR501A 0.598652  
## IUCR502P 0.072440  
## IUCR502R 4.93e-05  
## IUCR5093 0.997865  
## IUCR5110 0.009407  
## IUCR5111 0.003261  
## IUCR5112 0.995076  
## IUCR5114 0.997745  
## IUCR5130 0.997670  
## IUCR5131 0.995954  
## `Primary Type`ASSAULT NA  
## `Primary Type`BATTERY NA  
## `Primary Type`BURGLARY NA  
## `Primary Type`CONCEALED CARRY LICENSE VIOLATION NA  
## `Primary Type`CRIM SEXUAL ASSAULT NA  
## `Primary Type`CRIMINAL DAMAGE NA  
## `Primary Type`CRIMINAL TRESPASS NA  
## `Primary Type`DECEPTIVE PRACTICE NA  
## `Primary Type`GAMBLING NA  
## `Primary Type`HOMICIDE NA  
## `Primary Type`INTERFERENCE WITH PUBLIC OFFICER NA  
## `Primary Type`INTIMIDATION NA  
## `Primary Type`KIDNAPPING NA  
## `Primary Type`LIQUOR LAW VIOLATION NA  
## `Primary Type`MOTOR VEHICLE THEFT NA  
## `Primary Type`NARCOTICS NA  
## `Primary Type`NON-CRIMINAL NA  
## `Primary Type`OBSCENITY NA  
## `Primary Type`OFFENSE INVOLVING CHILDREN NA  
## `Primary Type`OTHER OFFENSE NA  
## `Primary Type`PROSTITUTION NA  
## `Primary Type`PUBLIC INDECENCY NA  
## `Primary Type`PUBLIC PEACE VIOLATION NA  
## `Primary Type`ROBBERY NA  
## `Primary Type`SEX OFFENSE NA  
## `Primary Type`STALKING NA  
## `Primary Type`THEFT NA  
## `Primary Type`WEAPONS VIOLATION NA  
## DescriptionABUSE/NEGLECT: CARE FACILITY NA  
## DescriptionAGG CRIM SEX ABUSE FAM MEMBER NA  
## DescriptionAGG CRIMINAL SEXUAL ABUSE NA  
## DescriptionAGG PO HANDS ETC SERIOUS INJ NA  
## DescriptionAGG PO HANDS NO/MIN INJURY NA  
## DescriptionAGG PRO EMP HANDS SERIOUS INJ NA  
## DescriptionAGG PRO.EMP: HANDGUN NA  
## DescriptionAGG PRO.EMP: OTHER DANG WEAPON NA  
## DescriptionAGG PRO.EMP:KNIFE/CUTTING INST NA  
## DescriptionAGG SEX ASSLT OF CHILD FAM MBR NA  
## DescriptionAGG: HANDS/FIST/FEET NO/MINOR INJURY NA  
## DescriptionAGG: HANDS/FIST/FEET SERIOUS INJURY NA  
## DescriptionAGGRAVATED NA  
## DescriptionAGGRAVATED DOMESTIC BATTERY: HANDGUN NA  
## DescriptionAGGRAVATED DOMESTIC BATTERY: HANDS/FIST/FEET SERIOUS INJURY NA  
## DescriptionAGGRAVATED DOMESTIC BATTERY: KNIFE/CUTTING INST NA  
## DescriptionAGGRAVATED DOMESTIC BATTERY: OTHER DANG WEAPON NA  
## DescriptionAGGRAVATED FINANCIAL IDENTITY THEFT NA  
## DescriptionAGGRAVATED OF A CHILD NA  
## DescriptionAGGRAVATED OF A SENIOR CITIZEN NA  
## DescriptionAGGRAVATED PO: HANDGUN NA  
## DescriptionAGGRAVATED PO: OTHER DANG WEAP NA  
## DescriptionAGGRAVATED PO:KNIFE/CUT INSTR NA  
## DescriptionAGGRAVATED VEHICULAR HIJACKING NA  
## DescriptionAGGRAVATED: HANDGUN NA  
## DescriptionAGGRAVATED: OTHER NA  
## DescriptionAGGRAVATED: OTHER DANG WEAPON NA  
## DescriptionAGGRAVATED: OTHER FIREARM NA  
## DescriptionAGGRAVATED:KNIFE/CUTTING INSTR NA  
## DescriptionALTER/FORGE PRESCRIPTION NA  
## DescriptionANIMAL ABUSE/NEGLECT NA  
## DescriptionARMED WHILE UNDER THE INFLUENCE NA  
## DescriptionARMED: HANDGUN NA  
## DescriptionARMED: OTHER DANGEROUS WEAPON NA  
## DescriptionARMED: OTHER FIREARM NA  
## DescriptionARMED:KNIFE/CUTTING INSTRUMENT NA  
## DescriptionARSON THREAT NA  
## DescriptionATT CRIM SEXUAL ABUSE NA  
## DescriptionATT: AUTOMOBILE NA  
## DescriptionATTEMPT - FINANCIAL IDENTITY THEFT NA  
## DescriptionATTEMPT ARSON NA  
## DescriptionATTEMPT FORCIBLE ENTRY NA  
## DescriptionATTEMPT NON-AGGRAVATED NA  
## DescriptionATTEMPT THEFT NA  
## DescriptionATTEMPT: AGGRAVATED NA  
## DescriptionATTEMPT: ARMED-HANDGUN NA  
## DescriptionATTEMPT: ARMED-KNIFE/CUT INSTR NA  
## DescriptionATTEMPT: ARMED-OTHER DANG WEAP NA  
## DescriptionATTEMPT: ARMED-OTHER FIREARM NA  
## DescriptionATTEMPT: STRONGARM-NO WEAPON NA  
## DescriptionAUTOMOBILE NA  
## DescriptionBOARD PLANE WITH WEAPON NA  
## DescriptionBOGUS CHECK NA  
## DescriptionBOMB THREAT NA  
## DescriptionBY FIRE NA  
## DescriptionCHILD ABANDONMENT NA  
## DescriptionCHILD ABDUCTION NA  
## DescriptionCHILD ABDUCTION/STRANGER NA  
## DescriptionCHILD ABUSE NA  
## DescriptionCHILD PORNOGRAPHY NA  
## DescriptionCOMPUTER FRAUD NA  
## DescriptionCONTRIBUTE CRIM DELINQUENCY JUVENILE NA  
## DescriptionCOUNTERFEIT CHECK NA  
## DescriptionCOUNTERFEITING DOCUMENT NA  
## DescriptionCREDIT CARD FRAUD NA  
## DescriptionCRIM SEX ABUSE BY FAM MEMBER NA  
## DescriptionCRIMINAL DEFACEMENT NA  
## DescriptionCRIMINAL SEXUAL ABUSE NA  
## DescriptionCYCLE, SCOOTER, BIKE W-VIN NA  
## DescriptionDECEPTIVE COLLECTION PRACTICES NA  
## DescriptionDEFACE IDENT MARKS OF FIREARM NA  
## DescriptionDELIVERY CONTAINER THEFT NA  
## DescriptionDOMESTIC BATTERY SIMPLE NA  
## DescriptionEMBEZZLEMENT NA  
## DescriptionENDANGERING LIFE/HEALTH CHILD NA  
## DescriptionESCAPE NA  
## DescriptionEXTORTION NA  
## DescriptionFALSE POLICE REPORT NA  
## DescriptionFALSE/STOLEN/ALTERED TRP NA  
## DescriptionFINAN EXPLOIT-ELDERLY/DISABLED NA  
## DescriptionFINANCIAL IDENTITY THEFT $300 AND UNDER NA  
## DescriptionFINANCIAL IDENTITY THEFT OVER $ 300 NA  
## DescriptionFIRST DEGREE MURDER NA  
## DescriptionFOID - REVOCATION NA  
## DescriptionFORCIBLE ENTRY NA  
## DescriptionFORFEIT PROPERTY NA  
## DescriptionFORGERY NA  
## DescriptionFOUND SUSPECT NARCOTICS NA  
## DescriptionFRAUD OR CONFIDENCE GAME NA  
## DescriptionFROM BUILDING NA  
## DescriptionGAME/DICE NA  
## DescriptionGUN OFFENDER: ANNUAL REGISTRATION NA  
## DescriptionGUN OFFENDER: DUTY TO REGISTER NA  
## DescriptionGUN OFFENDER: DUTY TO REPORT CHANGE OF INFORMATION NA  
## DescriptionHARASSMENT BY ELECTRONIC MEANS NA  
## DescriptionHARASSMENT BY TELEPHONE NA  
## DescriptionHARBOR RUNAWAY NA  
## DescriptionHOME INVASION NA  
## DescriptionILLEGAL CONSUMPTION BY MINOR NA  
## DescriptionILLEGAL POSSESSION BY MINOR NA  
## DescriptionILLEGAL POSSESSION CASH CARD NA  
## DescriptionILLEGAL USE CASH CARD NA  
## DescriptionIMPERSONATION NA  
## DescriptionINDECENT SOLICITATION/CHILD NA  
## DescriptionINSTITUTIONAL VANDALISM NA  
## DescriptionINSURANCE FRAUD NA  
## DescriptionINTERFERENCE JUDICIAL PROCESS NA  
## DescriptionINTIMIDATION NA  
## DescriptionLICENSE VIOLATION NA  
## DescriptionLICENSED PREMISE NA  
## DescriptionLIQUOR LICENSE VIOLATION NA  
## DescriptionLOST PASSPORT NA  
## DescriptionMANU/DEL:CANNABIS 10GM OR LESS NA  
## DescriptionMANU/DEL:CANNABIS OVER 10 GMS NA  
## DescriptionMANU/DELIVER: HEROIN (WHITE) NA  
## DescriptionMANU/DELIVER: HEROIN(BRN/TAN) NA  
## DescriptionMANU/DELIVER:BARBITUATES NA  
## DescriptionMANU/DELIVER:COCAINE NA  
## DescriptionMANU/DELIVER:CRACK NA  
## DescriptionMANU/DELIVER:LOOK-ALIKE DRUG NA  
## DescriptionMANU/DELIVER:SYNTHETIC DRUGS NA  
## DescriptionMANU/POSS. W/INTENT TO DELIVER: SYNTHETIC MARIJUANA NA  
## DescriptionMOB ACTION NA  
## DescriptionNON-AGGRAVATED NA  
## DescriptionOBSCENE MATTER NA  
## DescriptionOBSCENITY NA  
## DescriptionOBSTRUCTING IDENTIFICATION NA  
## DescriptionOBSTRUCTING JUSTICE NA  
## DescriptionOBSTRUCTING SERVICE NA  
## DescriptionOTHER NA  
## DescriptionOTHER CRIME AGAINST PERSON NA  
## DescriptionOTHER CRIME INVOLVING PROPERTY NA  
## DescriptionOTHER OFFENSE NA  
## DescriptionOTHER VEHICLE OFFENSE NA  
## DescriptionOTHER VIOLATION NA  
## DescriptionOTHER WEAPONS VIOLATION NA  
## DescriptionOVER $500 NA  
## DescriptionPAROLE VIOLATION NA  
## DescriptionPAY TV SERVICE OFFENSES NA  
## DescriptionPEEPING TOM NA  
## DescriptionPOCKET-PICKING NA  
## DescriptionPOS: PORNOGRAPHIC PRINT NA  
## DescriptionPOSS: AMPHETAMINES NA  
## DescriptionPOSS: BARBITUATES NA  
## DescriptionPOSS: CANNABIS 30GMS OR LESS NA  
## DescriptionPOSS: CANNABIS MORE THAN 30GMS NA  
## DescriptionPOSS: COCAINE NA  
## DescriptionPOSS: CRACK NA  
## DescriptionPOSS: HALLUCINOGENS NA  
## DescriptionPOSS: HEROIN(BRN/TAN) NA  
## DescriptionPOSS: HEROIN(WHITE) NA  
## DescriptionPOSS: METHAMPHETAMINES NA  
## DescriptionPOSS: PCP NA  
## DescriptionPOSS: SYNTHETIC DRUGS NA  
## DescriptionPOSSESSION OF DRUG EQUIPMENT NA  
## DescriptionPREDATORY NA  
## DescriptionPRO EMP HANDS NO/MIN INJURY NA  
## DescriptionPROHIBITED PLACES NA  
## DescriptionPUBLIC INDECENCY NA  
## DescriptionPURSE-SNATCHING NA  
## DescriptionRECKLESS CONDUCT NA  
## DescriptionRECKLESS FIREARM DISCHARGE NA  
## DescriptionRESIST/OBSTRUCT/DISARM OFFICER NA  
## DescriptionRETAIL THEFT NA  
## DescriptionSALE TOBACCO PRODUCTS TO MINOR NA  
## DescriptionSALE/DIST OBSCENE MAT TO MINOR NA  
## DescriptionSELL/GIVE/DEL LIQUOR TO MINOR NA  
## DescriptionSEX ASSLT OF CHILD BY FAM MBR NA  
## DescriptionSEX OFFENDER: FAIL REG NEW ADD NA  
## DescriptionSEX OFFENDER: FAIL TO REGISTER NA  
## DescriptionSEXUAL EXPLOITATION OF A CHILD NA  
## DescriptionSIMPLE NA  
## DescriptionSOLICIT FOR BUSINESS NA  
## DescriptionSOLICIT FOR PROSTITUTE NA  
## DescriptionSOLICIT NARCOTICS ON PUBLICWAY NA  
## DescriptionSOLICIT OFF PUBLIC WAY NA  
## DescriptionSOLICIT ON PUBLIC WAY NA  
## DescriptionSTOLEN PROP: BUY/RECEIVE/POS. NA  
## DescriptionSTRONGARM - NO WEAPON NA  
## DescriptionTELEPHONE THREAT NA  
## DescriptionTHEFT BY LESSEE,MOTOR VEH NA  
## DescriptionTHEFT BY LESSEE,NON-VEH NA  
## DescriptionTHEFT OF LABOR/SERVICES NA  
## DescriptionTHEFT OF LOST/MISLAID PROP NA  
## DescriptionTHEFT/RECOVERY: AUTOMOBILE NA  
## DescriptionTHEFT/RECOVERY: CYCLE, SCOOTER, BIKE W-VIN NA  
## DescriptionTHEFT/RECOVERY: TRUCK,BUS,MHOME NA  
## DescriptionTO AIRPORT NA  
## DescriptionTO CITY OF CHICAGO PROPERTY NA  
## DescriptionTO FIRE FIGHT.APP.EQUIP NA  
## DescriptionTO LAND NA  
## DescriptionTO PROPERTY NA  
## DescriptionTO RESIDENCE NA  
## DescriptionTO STATE SUP LAND NA  
## DescriptionTO STATE SUP PROP NA  
## DescriptionTO VEHICLE NA  
## DescriptionTRUCK, BUS, MOTOR HOME NA  
## DescriptionUNAUTHORIZED VIDEOTAPING NA  
## DescriptionUNLAWFUL ENTRY NA  
## DescriptionUNLAWFUL INTERFERE/VISITATION NA  
## DescriptionUNLAWFUL POSS AMMUNITION NA  
## DescriptionUNLAWFUL POSS OF HANDGUN NA  
## DescriptionUNLAWFUL POSS OTHER FIREARM NA  
## DescriptionUNLAWFUL RESTRAINT NA  
## DescriptionUNLAWFUL USE HANDGUN NA  
## DescriptionUNLAWFUL USE OF A COMPUTER NA  
## DescriptionUNLAWFUL USE OTHER DANG WEAPON NA  
## DescriptionUNLAWFUL USE OTHER FIREARM NA  
## DescriptionUNLAWFUL USE/SALE AIR RIFLE NA  
## DescriptionVEHICLE TITLE/REG OFFENSE NA  
## DescriptionVEHICULAR HIJACKING NA  
## DescriptionVIO BAIL BOND: DOM VIOLENCE NA  
## DescriptionVIOLATE ORDER OF PROTECTION NA  
## DescriptionVIOLATION GPS MONITORING DEVICE NA  
## DescriptionVIOLATION OF CIVIL NO CONTACT ORDER NA  
## DescriptionVIOLATION OF STALKING NO CONTACT ORDER NA  
## DescriptionVIOLENT OFFENDER: ANNUAL REGISTRATION NA  
## DescriptionVIOLENT OFFENDER: DUTY TO REGISTER NA  
## `Location Description`AIRCRAFT 0.995191  
## `Location Description`AIRPORT BUILDING NON-TERMINAL - NON-SECURE AREA 0.046563  
## `Location Description`AIRPORT BUILDING NON-TERMINAL - SECURE AREA 0.067159  
## `Location Description`AIRPORT EXTERIOR - NON-SECURE AREA 0.818097  
## `Location Description`AIRPORT PARKING LOT 0.996949  
## `Location Description`AIRPORT TERMINAL LOWER LEVEL - NON-SECURE AREA 0.074480  
## `Location Description`AIRPORT TERMINAL LOWER LEVEL - SECURE AREA 0.423525  
## `Location Description`AIRPORT TERMINAL UPPER LEVEL - NON-SECURE AREA 0.997116  
## `Location Description`AIRPORT TERMINAL UPPER LEVEL - SECURE AREA 0.130431  
## `Location Description`AIRPORT TRANSPORTATION SYSTEM (ATS) 0.998273  
## `Location Description`AIRPORT VENDING ESTABLISHMENT 0.996928  
## `Location Description`ALLEY 0.385699  
## `Location Description`ANIMAL HOSPITAL 0.997078  
## `Location Description`APARTMENT 0.295051  
## `Location Description`APPLIANCE STORE 0.087855  
## `Location Description`ATHLETIC CLUB 0.366496  
## `Location Description`ATM (AUTOMATIC TELLER MACHINE) 0.259531  
## `Location Description`AUTO 0.995582  
## `Location Description`AUTO / BOAT / RV DEALERSHIP 0.993525  
## `Location Description`BANK 0.726576  
## `Location Description`BAR OR TAVERN 0.076452  
## `Location Description`BARBERSHOP 0.992822  
## `Location Description`BOAT/WATERCRAFT 0.998530  
## `Location Description`BOWLING ALLEY 0.998468  
## `Location Description`BRIDGE 0.999864  
## `Location Description`CAR WASH 0.741220  
## `Location Description`CEMETARY 0.998105  
## `Location Description`CHA APARTMENT 0.186159  
## `Location Description`CHA HALLWAY/STAIRWELL/ELEVATOR 0.130132  
## `Location Description`CHA PARKING LOT/GROUNDS 0.244553  
## `Location Description`CHURCH/SYNAGOGUE/PLACE OF WORSHIP 0.314073  
## `Location Description`CLEANING STORE 0.995606  
## `Location Description`COLLEGE/UNIVERSITY GROUNDS 0.993525  
## `Location Description`COLLEGE/UNIVERSITY RESIDENCE HALL 0.998330  
## `Location Description`COMMERCIAL / BUSINESS OFFICE 0.695880  
## `Location Description`CONSTRUCTION SITE 0.405141  
## `Location Description`CONVENIENCE STORE 0.142029  
## `Location Description`CTA BUS 0.164210  
## `Location Description`CTA BUS STOP 0.092810  
## `Location Description`CTA GARAGE / OTHER PROPERTY 0.438056  
## `Location Description`CTA PLATFORM 0.138487  
## `Location Description`CTA STATION 0.032781  
## `Location Description`CTA TRAIN 0.512790  
## `Location Description`CURRENCY EXCHANGE 0.290439  
## `Location Description`DAY CARE CENTER 0.591514  
## `Location Description`DEPARTMENT STORE 0.041551  
## `Location Description`DRIVEWAY - RESIDENTIAL 0.483956  
## `Location Description`DRUG STORE 0.134077  
## `Location Description`FACTORY/MANUFACTURING BUILDING 0.995281  
## `Location Description`FEDERAL BUILDING 0.998306  
## `Location Description`FIRE STATION 0.997690  
## `Location Description`FOREST PRESERVE 0.998172  
## `Location Description`GAS STATION 0.150878  
## `Location Description`GOVERNMENT BUILDING 0.997447  
## `Location Description`GOVERNMENT BUILDING/PROPERTY 0.608067  
## `Location Description`GROCERY FOOD STORE 0.057422  
## `Location Description`HALLWAY 0.997446  
## `Location Description`HIGHWAY/EXPRESSWAY 0.999854  
## `Location Description`HOSPITAL BUILDING/GROUNDS 0.092599  
## `Location Description`HOTEL 0.997520  
## `Location Description`HOTEL/MOTEL 0.142148  
## `Location Description`HOUSE 0.252139  
## `Location Description`JAIL / LOCK-UP FACILITY 0.391473  
## `Location Description`LAKEFRONT/WATERFRONT/RIVERBANK 0.993802  
## `Location Description`LIBRARY 0.037677  
## `Location Description`MEDICAL/DENTAL OFFICE 0.991259  
## `Location Description`MOVIE HOUSE/THEATER 0.995458  
## `Location Description`NURSING HOME/RETIREMENT HOME 0.871673  
## `Location Description`OTHER 0.339262  
## `Location Description`OTHER COMMERCIAL TRANSPORTATION 0.377149  
## `Location Description`OTHER RAILROAD PROP / TRAIN DEPOT 0.012626  
## `Location Description`PARK PROPERTY 0.590271  
## `Location Description`PARKING LOT 0.997428  
## `Location Description`PARKING LOT/GARAGE(NON.RESID.) 0.252860  
## `Location Description`PAWN SHOP 0.998246  
## `Location Description`POLICE FACILITY/VEH PARKING LOT 0.145150  
## `Location Description`POOL ROOM 0.998288  
## `Location Description`PORCH 0.524828  
## `Location Description`RESIDENCE 0.440673  
## `Location Description`RESIDENCE PORCH/HALLWAY 0.300861  
## `Location Description`RESIDENCE-GARAGE 0.495305  
## `Location Description`RESIDENTIAL YARD (FRONT/BACK) 0.340886  
## `Location Description`RESTAURANT 0.227568  
## `Location Description`SAVINGS AND LOAN 0.998089  
## `Location Description`SCHOOL, PRIVATE, BUILDING 0.578173  
## `Location Description`SCHOOL, PRIVATE, GROUNDS 0.881871  
## `Location Description`SCHOOL, PUBLIC, BUILDING 0.278323  
## `Location Description`SCHOOL, PUBLIC, GROUNDS 0.546270  
## `Location Description`SIDEWALK 0.219679  
## `Location Description`SMALL RETAIL STORE 0.228219  
## `Location Description`SPORTS ARENA/STADIUM 0.087099  
## `Location Description`STREET 0.322175  
## `Location Description`TAVERN/LIQUOR STORE 0.177188  
## `Location Description`TAXICAB 0.990477  
## `Location Description`VACANT LOT 0.259922  
## `Location Description`VACANT LOT/LAND 0.076708  
## `Location Description`VEHICLE - DELIVERY TRUCK 0.997045  
## `Location Description`VEHICLE - OTHER RIDE SHARE SERVICE (E.G., UBER, LYFT) 0.989862  
## `Location Description`VEHICLE NON-COMMERCIAL 0.346202  
## `Location Description`VEHICLE-COMMERCIAL 0.481140  
## `Location Description`VEHICLE-COMMERCIAL - ENTERTAINMENT/PARTY BUS 0.998030  
## `Location Description`WAREHOUSE 0.293166  
## `Location Description`YARD 0.998069  
## DomesticTRUE 0.061674  
## District002 0.772174  
## District003 0.657950  
## District004 0.362107  
## District005 0.373368  
## District006 0.219621  
## District007 0.695792  
## District008 0.184378  
## District009 0.702824  
## District010 0.023294  
## District011 0.723105  
## District012 0.623663  
## District014 0.213297  
## District015 0.747941  
## District016 0.460983  
## District017 0.283721  
## District018 0.121323  
## District019 0.467777  
## District020 0.241319  
## District022 0.598264  
## District024 0.825303  
## District025 0.391945  
## Ward2 0.793949  
## Ward3 0.862503  
## Ward4 0.921740  
## Ward5 0.815567  
## Ward6 0.987039  
## Ward7 0.530278  
## Ward8 0.929267  
## Ward9 0.938407  
## Ward10 0.655500  
## Ward11 0.812319  
## Ward12 0.736604  
## Ward13 0.269166  
## Ward14 0.194154  
## Ward15 0.867983  
## Ward16 0.356520  
## Ward17 0.803099  
## Ward18 0.632743  
## Ward19 0.954064  
## Ward20 0.977926  
## Ward21 0.965994  
## Ward22 0.096125  
## Ward23 0.114177  
## Ward24 0.349984  
## Ward25 0.802347  
## Ward26 0.560604  
## Ward27 0.378759  
## Ward28 0.912548  
## Ward29 0.812098  
## Ward30 0.608887  
## Ward31 0.963388  
## Ward32 0.120989  
## Ward33 0.272780  
## Ward34 0.975629  
## Ward35 0.204605  
## Ward36 0.926111  
## Ward37 0.992871  
## Ward38 0.630736  
## Ward39 0.184582  
## Ward40 0.978955  
## Ward41 0.942560  
## Ward42 0.831930  
## Ward43 0.922548  
## Ward44 0.440863  
## Ward45 0.409722  
## Ward46 0.569922  
## Ward47 0.558066  
## Ward48 0.517030  
## Ward49 0.821270  
## Ward50 0.925766  
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## IUCR5131   
## `Primary Type`ASSAULT   
## `Primary Type`BATTERY   
## `Primary Type`BURGLARY   
## `Primary Type`CONCEALED CARRY LICENSE VIOLATION   
## `Primary Type`CRIM SEXUAL ASSAULT   
## `Primary Type`CRIMINAL DAMAGE   
## `Primary Type`CRIMINAL TRESPASS   
## `Primary Type`DECEPTIVE PRACTICE   
## `Primary Type`GAMBLING   
## `Primary Type`HOMICIDE   
## `Primary Type`INTERFERENCE WITH PUBLIC OFFICER   
## `Primary Type`INTIMIDATION   
## `Primary Type`KIDNAPPING   
## `Primary Type`LIQUOR LAW VIOLATION   
## `Primary Type`MOTOR VEHICLE THEFT   
## `Primary Type`NARCOTICS   
## `Primary Type`NON-CRIMINAL   
## `Primary Type`OBSCENITY   
## `Primary Type`OFFENSE INVOLVING CHILDREN   
## `Primary Type`OTHER OFFENSE   
## `Primary Type`PROSTITUTION   
## `Primary Type`PUBLIC INDECENCY   
## `Primary Type`PUBLIC PEACE VIOLATION   
## `Primary Type`ROBBERY   
## `Primary Type`SEX OFFENSE   
## `Primary Type`STALKING   
## `Primary Type`THEFT   
## `Primary Type`WEAPONS VIOLATION   
## DescriptionABUSE/NEGLECT: CARE FACILITY   
## DescriptionAGG CRIM SEX ABUSE FAM MEMBER   
## DescriptionAGG CRIMINAL SEXUAL ABUSE   
## DescriptionAGG PO HANDS ETC SERIOUS INJ   
## DescriptionAGG PO HANDS NO/MIN INJURY   
## DescriptionAGG PRO EMP HANDS SERIOUS INJ   
## DescriptionAGG PRO.EMP: HANDGUN   
## DescriptionAGG PRO.EMP: OTHER DANG WEAPON   
## DescriptionAGG PRO.EMP:KNIFE/CUTTING INST   
## DescriptionAGG SEX ASSLT OF CHILD FAM MBR   
## DescriptionAGG: HANDS/FIST/FEET NO/MINOR INJURY   
## DescriptionAGG: HANDS/FIST/FEET SERIOUS INJURY   
## DescriptionAGGRAVATED   
## DescriptionAGGRAVATED DOMESTIC BATTERY: HANDGUN   
## DescriptionAGGRAVATED DOMESTIC BATTERY: HANDS/FIST/FEET SERIOUS INJURY   
## DescriptionAGGRAVATED DOMESTIC BATTERY: KNIFE/CUTTING INST   
## DescriptionAGGRAVATED DOMESTIC BATTERY: OTHER DANG WEAPON   
## DescriptionAGGRAVATED FINANCIAL IDENTITY THEFT   
## DescriptionAGGRAVATED OF A CHILD   
## DescriptionAGGRAVATED OF A SENIOR CITIZEN   
## DescriptionAGGRAVATED PO: HANDGUN   
## DescriptionAGGRAVATED PO: OTHER DANG WEAP   
## DescriptionAGGRAVATED PO:KNIFE/CUT INSTR   
## DescriptionAGGRAVATED VEHICULAR HIJACKING   
## DescriptionAGGRAVATED: HANDGUN   
## DescriptionAGGRAVATED: OTHER   
## DescriptionAGGRAVATED: OTHER DANG WEAPON   
## DescriptionAGGRAVATED: OTHER FIREARM   
## DescriptionAGGRAVATED:KNIFE/CUTTING INSTR   
## DescriptionALTER/FORGE PRESCRIPTION   
## DescriptionANIMAL ABUSE/NEGLECT   
## DescriptionARMED WHILE UNDER THE INFLUENCE   
## DescriptionARMED: HANDGUN   
## DescriptionARMED: OTHER DANGEROUS WEAPON   
## DescriptionARMED: OTHER FIREARM   
## DescriptionARMED:KNIFE/CUTTING INSTRUMENT   
## DescriptionARSON THREAT   
## DescriptionATT CRIM SEXUAL ABUSE   
## DescriptionATT: AUTOMOBILE   
## DescriptionATTEMPT - FINANCIAL IDENTITY THEFT   
## DescriptionATTEMPT ARSON   
## DescriptionATTEMPT FORCIBLE ENTRY   
## DescriptionATTEMPT NON-AGGRAVATED   
## DescriptionATTEMPT THEFT   
## DescriptionATTEMPT: AGGRAVATED   
## DescriptionATTEMPT: ARMED-HANDGUN   
## DescriptionATTEMPT: ARMED-KNIFE/CUT INSTR   
## DescriptionATTEMPT: ARMED-OTHER DANG WEAP   
## DescriptionATTEMPT: ARMED-OTHER FIREARM   
## DescriptionATTEMPT: STRONGARM-NO WEAPON   
## DescriptionAUTOMOBILE   
## DescriptionBOARD PLANE WITH WEAPON   
## DescriptionBOGUS CHECK   
## DescriptionBOMB THREAT   
## DescriptionBY FIRE   
## DescriptionCHILD ABANDONMENT   
## DescriptionCHILD ABDUCTION   
## DescriptionCHILD ABDUCTION/STRANGER   
## DescriptionCHILD ABUSE   
## DescriptionCHILD PORNOGRAPHY   
## DescriptionCOMPUTER FRAUD   
## DescriptionCONTRIBUTE CRIM DELINQUENCY JUVENILE   
## DescriptionCOUNTERFEIT CHECK   
## DescriptionCOUNTERFEITING DOCUMENT   
## DescriptionCREDIT CARD FRAUD   
## DescriptionCRIM SEX ABUSE BY FAM MEMBER   
## DescriptionCRIMINAL DEFACEMENT   
## DescriptionCRIMINAL SEXUAL ABUSE   
## DescriptionCYCLE, SCOOTER, BIKE W-VIN   
## DescriptionDECEPTIVE COLLECTION PRACTICES   
## DescriptionDEFACE IDENT MARKS OF FIREARM   
## DescriptionDELIVERY CONTAINER THEFT   
## DescriptionDOMESTIC BATTERY SIMPLE   
## DescriptionEMBEZZLEMENT   
## DescriptionENDANGERING LIFE/HEALTH CHILD   
## DescriptionESCAPE   
## DescriptionEXTORTION   
## DescriptionFALSE POLICE REPORT   
## DescriptionFALSE/STOLEN/ALTERED TRP   
## DescriptionFINAN EXPLOIT-ELDERLY/DISABLED   
## DescriptionFINANCIAL IDENTITY THEFT $300 AND UNDER   
## DescriptionFINANCIAL IDENTITY THEFT OVER $ 300   
## DescriptionFIRST DEGREE MURDER   
## DescriptionFOID - REVOCATION   
## DescriptionFORCIBLE ENTRY   
## DescriptionFORFEIT PROPERTY   
## DescriptionFORGERY   
## DescriptionFOUND SUSPECT NARCOTICS   
## DescriptionFRAUD OR CONFIDENCE GAME   
## DescriptionFROM BUILDING   
## DescriptionGAME/DICE   
## DescriptionGUN OFFENDER: ANNUAL REGISTRATION   
## DescriptionGUN OFFENDER: DUTY TO REGISTER   
## DescriptionGUN OFFENDER: DUTY TO REPORT CHANGE OF INFORMATION   
## DescriptionHARASSMENT BY ELECTRONIC MEANS   
## DescriptionHARASSMENT BY TELEPHONE   
## DescriptionHARBOR RUNAWAY   
## DescriptionHOME INVASION   
## DescriptionILLEGAL CONSUMPTION BY MINOR   
## DescriptionILLEGAL POSSESSION BY MINOR   
## DescriptionILLEGAL POSSESSION CASH CARD   
## DescriptionILLEGAL USE CASH CARD   
## DescriptionIMPERSONATION   
## DescriptionINDECENT SOLICITATION/CHILD   
## DescriptionINSTITUTIONAL VANDALISM   
## DescriptionINSURANCE FRAUD   
## DescriptionINTERFERENCE JUDICIAL PROCESS   
## DescriptionINTIMIDATION   
## DescriptionLICENSE VIOLATION   
## DescriptionLICENSED PREMISE   
## DescriptionLIQUOR LICENSE VIOLATION   
## DescriptionLOST PASSPORT   
## DescriptionMANU/DEL:CANNABIS 10GM OR LESS   
## DescriptionMANU/DEL:CANNABIS OVER 10 GMS   
## DescriptionMANU/DELIVER: HEROIN (WHITE)   
## DescriptionMANU/DELIVER: HEROIN(BRN/TAN)   
## DescriptionMANU/DELIVER:BARBITUATES   
## DescriptionMANU/DELIVER:COCAINE   
## DescriptionMANU/DELIVER:CRACK   
## DescriptionMANU/DELIVER:LOOK-ALIKE DRUG   
## DescriptionMANU/DELIVER:SYNTHETIC DRUGS   
## DescriptionMANU/POSS. W/INTENT TO DELIVER: SYNTHETIC MARIJUANA   
## DescriptionMOB ACTION   
## DescriptionNON-AGGRAVATED   
## DescriptionOBSCENE MATTER   
## DescriptionOBSCENITY   
## DescriptionOBSTRUCTING IDENTIFICATION   
## DescriptionOBSTRUCTING JUSTICE   
## DescriptionOBSTRUCTING SERVICE   
## DescriptionOTHER   
## DescriptionOTHER CRIME AGAINST PERSON   
## DescriptionOTHER CRIME INVOLVING PROPERTY   
## DescriptionOTHER OFFENSE   
## DescriptionOTHER VEHICLE OFFENSE   
## DescriptionOTHER VIOLATION   
## DescriptionOTHER WEAPONS VIOLATION   
## DescriptionOVER $500   
## DescriptionPAROLE VIOLATION   
## DescriptionPAY TV SERVICE OFFENSES   
## DescriptionPEEPING TOM   
## DescriptionPOCKET-PICKING   
## DescriptionPOS: PORNOGRAPHIC PRINT   
## DescriptionPOSS: AMPHETAMINES   
## DescriptionPOSS: BARBITUATES   
## DescriptionPOSS: CANNABIS 30GMS OR LESS   
## DescriptionPOSS: CANNABIS MORE THAN 30GMS   
## DescriptionPOSS: COCAINE   
## DescriptionPOSS: CRACK   
## DescriptionPOSS: HALLUCINOGENS   
## DescriptionPOSS: HEROIN(BRN/TAN)   
## DescriptionPOSS: HEROIN(WHITE)   
## DescriptionPOSS: METHAMPHETAMINES   
## DescriptionPOSS: PCP   
## DescriptionPOSS: SYNTHETIC DRUGS   
## DescriptionPOSSESSION OF DRUG EQUIPMENT   
## DescriptionPREDATORY   
## DescriptionPRO EMP HANDS NO/MIN INJURY   
## DescriptionPROHIBITED PLACES   
## DescriptionPUBLIC INDECENCY   
## DescriptionPURSE-SNATCHING   
## DescriptionRECKLESS CONDUCT   
## DescriptionRECKLESS FIREARM DISCHARGE   
## DescriptionRESIST/OBSTRUCT/DISARM OFFICER   
## DescriptionRETAIL THEFT   
## DescriptionSALE TOBACCO PRODUCTS TO MINOR   
## DescriptionSALE/DIST OBSCENE MAT TO MINOR   
## DescriptionSELL/GIVE/DEL LIQUOR TO MINOR   
## DescriptionSEX ASSLT OF CHILD BY FAM MBR   
## DescriptionSEX OFFENDER: FAIL REG NEW ADD   
## DescriptionSEX OFFENDER: FAIL TO REGISTER   
## DescriptionSEXUAL EXPLOITATION OF A CHILD   
## DescriptionSIMPLE   
## DescriptionSOLICIT FOR BUSINESS   
## DescriptionSOLICIT FOR PROSTITUTE   
## DescriptionSOLICIT NARCOTICS ON PUBLICWAY   
## DescriptionSOLICIT OFF PUBLIC WAY   
## DescriptionSOLICIT ON PUBLIC WAY   
## DescriptionSTOLEN PROP: BUY/RECEIVE/POS.   
## DescriptionSTRONGARM - NO WEAPON   
## DescriptionTELEPHONE THREAT   
## DescriptionTHEFT BY LESSEE,MOTOR VEH   
## DescriptionTHEFT BY LESSEE,NON-VEH   
## DescriptionTHEFT OF LABOR/SERVICES   
## DescriptionTHEFT OF LOST/MISLAID PROP   
## DescriptionTHEFT/RECOVERY: AUTOMOBILE   
## DescriptionTHEFT/RECOVERY: CYCLE, SCOOTER, BIKE W-VIN   
## DescriptionTHEFT/RECOVERY: TRUCK,BUS,MHOME   
## DescriptionTO AIRPORT   
## DescriptionTO CITY OF CHICAGO PROPERTY   
## DescriptionTO FIRE FIGHT.APP.EQUIP   
## DescriptionTO LAND   
## DescriptionTO PROPERTY   
## DescriptionTO RESIDENCE   
## DescriptionTO STATE SUP LAND   
## DescriptionTO STATE SUP PROP   
## DescriptionTO VEHICLE   
## DescriptionTRUCK, BUS, MOTOR HOME   
## DescriptionUNAUTHORIZED VIDEOTAPING   
## DescriptionUNLAWFUL ENTRY   
## DescriptionUNLAWFUL INTERFERE/VISITATION   
## DescriptionUNLAWFUL POSS AMMUNITION   
## DescriptionUNLAWFUL POSS OF HANDGUN   
## DescriptionUNLAWFUL POSS OTHER FIREARM   
## DescriptionUNLAWFUL RESTRAINT   
## DescriptionUNLAWFUL USE HANDGUN   
## DescriptionUNLAWFUL USE OF A COMPUTER   
## DescriptionUNLAWFUL USE OTHER DANG WEAPON   
## DescriptionUNLAWFUL USE OTHER FIREARM   
## DescriptionUNLAWFUL USE/SALE AIR RIFLE   
## DescriptionVEHICLE TITLE/REG OFFENSE   
## DescriptionVEHICULAR HIJACKING   
## DescriptionVIO BAIL BOND: DOM VIOLENCE   
## DescriptionVIOLATE ORDER OF PROTECTION   
## DescriptionVIOLATION GPS MONITORING DEVICE   
## DescriptionVIOLATION OF CIVIL NO CONTACT ORDER   
## DescriptionVIOLATION OF STALKING NO CONTACT ORDER   
## DescriptionVIOLENT OFFENDER: ANNUAL REGISTRATION   
## DescriptionVIOLENT OFFENDER: DUTY TO REGISTER   
## `Location Description`AIRCRAFT   
## `Location Description`AIRPORT BUILDING NON-TERMINAL - NON-SECURE AREA \*   
## `Location Description`AIRPORT BUILDING NON-TERMINAL - SECURE AREA .   
## `Location Description`AIRPORT EXTERIOR - NON-SECURE AREA   
## `Location Description`AIRPORT PARKING LOT   
## `Location Description`AIRPORT TERMINAL LOWER LEVEL - NON-SECURE AREA .   
## `Location Description`AIRPORT TERMINAL LOWER LEVEL - SECURE AREA   
## `Location Description`AIRPORT TERMINAL UPPER LEVEL - NON-SECURE AREA   
## `Location Description`AIRPORT TERMINAL UPPER LEVEL - SECURE AREA   
## `Location Description`AIRPORT TRANSPORTATION SYSTEM (ATS)   
## `Location Description`AIRPORT VENDING ESTABLISHMENT   
## `Location Description`ALLEY   
## `Location Description`ANIMAL HOSPITAL   
## `Location Description`APARTMENT   
## `Location Description`APPLIANCE STORE .   
## `Location Description`ATHLETIC CLUB   
## `Location Description`ATM (AUTOMATIC TELLER MACHINE)   
## `Location Description`AUTO   
## `Location Description`AUTO / BOAT / RV DEALERSHIP   
## `Location Description`BANK   
## `Location Description`BAR OR TAVERN .   
## `Location Description`BARBERSHOP   
## `Location Description`BOAT/WATERCRAFT   
## `Location Description`BOWLING ALLEY   
## `Location Description`BRIDGE   
## `Location Description`CAR WASH   
## `Location Description`CEMETARY   
## `Location Description`CHA APARTMENT   
## `Location Description`CHA HALLWAY/STAIRWELL/ELEVATOR   
## `Location Description`CHA PARKING LOT/GROUNDS   
## `Location Description`CHURCH/SYNAGOGUE/PLACE OF WORSHIP   
## `Location Description`CLEANING STORE   
## `Location Description`COLLEGE/UNIVERSITY GROUNDS   
## `Location Description`COLLEGE/UNIVERSITY RESIDENCE HALL   
## `Location Description`COMMERCIAL / BUSINESS OFFICE   
## `Location Description`CONSTRUCTION SITE   
## `Location Description`CONVENIENCE STORE   
## `Location Description`CTA BUS   
## `Location Description`CTA BUS STOP .   
## `Location Description`CTA GARAGE / OTHER PROPERTY   
## `Location Description`CTA PLATFORM   
## `Location Description`CTA STATION \*   
## `Location Description`CTA TRAIN   
## `Location Description`CURRENCY EXCHANGE   
## `Location Description`DAY CARE CENTER   
## `Location Description`DEPARTMENT STORE \*   
## `Location Description`DRIVEWAY - RESIDENTIAL   
## `Location Description`DRUG STORE   
## `Location Description`FACTORY/MANUFACTURING BUILDING   
## `Location Description`FEDERAL BUILDING   
## `Location Description`FIRE STATION   
## `Location Description`FOREST PRESERVE   
## `Location Description`GAS STATION   
## `Location Description`GOVERNMENT BUILDING   
## `Location Description`GOVERNMENT BUILDING/PROPERTY   
## `Location Description`GROCERY FOOD STORE .   
## `Location Description`HALLWAY   
## `Location Description`HIGHWAY/EXPRESSWAY   
## `Location Description`HOSPITAL BUILDING/GROUNDS .   
## `Location Description`HOTEL   
## `Location Description`HOTEL/MOTEL   
## `Location Description`HOUSE   
## `Location Description`JAIL / LOCK-UP FACILITY   
## `Location Description`LAKEFRONT/WATERFRONT/RIVERBANK   
## `Location Description`LIBRARY \*   
## `Location Description`MEDICAL/DENTAL OFFICE   
## `Location Description`MOVIE HOUSE/THEATER   
## `Location Description`NURSING HOME/RETIREMENT HOME   
## `Location Description`OTHER   
## `Location Description`OTHER COMMERCIAL TRANSPORTATION   
## `Location Description`OTHER RAILROAD PROP / TRAIN DEPOT \*   
## `Location Description`PARK PROPERTY   
## `Location Description`PARKING LOT   
## `Location Description`PARKING LOT/GARAGE(NON.RESID.)   
## `Location Description`PAWN SHOP   
## `Location Description`POLICE FACILITY/VEH PARKING LOT   
## `Location Description`POOL ROOM   
## `Location Description`PORCH   
## `Location Description`RESIDENCE   
## `Location Description`RESIDENCE PORCH/HALLWAY   
## `Location Description`RESIDENCE-GARAGE   
## `Location Description`RESIDENTIAL YARD (FRONT/BACK)   
## `Location Description`RESTAURANT   
## `Location Description`SAVINGS AND LOAN   
## `Location Description`SCHOOL, PRIVATE, BUILDING   
## `Location Description`SCHOOL, PRIVATE, GROUNDS   
## `Location Description`SCHOOL, PUBLIC, BUILDING   
## `Location Description`SCHOOL, PUBLIC, GROUNDS   
## `Location Description`SIDEWALK   
## `Location Description`SMALL RETAIL STORE   
## `Location Description`SPORTS ARENA/STADIUM .   
## `Location Description`STREET   
## `Location Description`TAVERN/LIQUOR STORE   
## `Location Description`TAXICAB   
## `Location Description`VACANT LOT   
## `Location Description`VACANT LOT/LAND .   
## `Location Description`VEHICLE - DELIVERY TRUCK   
## `Location Description`VEHICLE - OTHER RIDE SHARE SERVICE (E.G., UBER, LYFT)   
## `Location Description`VEHICLE NON-COMMERCIAL   
## `Location Description`VEHICLE-COMMERCIAL   
## `Location Description`VEHICLE-COMMERCIAL - ENTERTAINMENT/PARTY BUS   
## `Location Description`WAREHOUSE   
## `Location Description`YARD   
## DomesticTRUE .   
## District002   
## District003   
## District004   
## District005   
## District006   
## District007   
## District008   
## District009   
## District010 \*   
## District011   
## District012   
## District014   
## District015   
## District016   
## District017   
## District018   
## District019   
## District020   
## District022   
## District024   
## District025   
## Ward2   
## Ward3   
## Ward4   
## Ward5   
## Ward6   
## Ward7   
## Ward8   
## Ward9   
## Ward10   
## Ward11   
## Ward12   
## Ward13   
## Ward14   
## Ward15   
## Ward16   
## Ward17   
## Ward18   
## Ward19   
## Ward20   
## Ward21   
## Ward22 .   
## Ward23   
## Ward24   
## Ward25   
## Ward26   
## Ward27   
## Ward28   
## Ward29   
## Ward30   
## Ward31   
## Ward32   
## Ward33   
## Ward34   
## Ward35   
## Ward36   
## Ward37   
## Ward38   
## Ward39   
## Ward40   
## Ward41   
## Ward42   
## Ward43   
## Ward44   
## Ward45   
## Ward46   
## Ward47   
## Ward48   
## Ward49   
## Ward50   
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1  
##   
## (Dispersion parameter for binomial family taken to be 1)  
##   
## Null deviance: 14830.7 on 14712 degrees of freedom  
## Residual deviance: 7912.3 on 14304 degrees of freedom  
## AIC: 8730.3  
##   
## Number of Fisher Scoring iterations: 17

chicago2 = chicago2 %>% mutate(`Community Area` = as.factor(`Community Area`))

summary(chicago2)

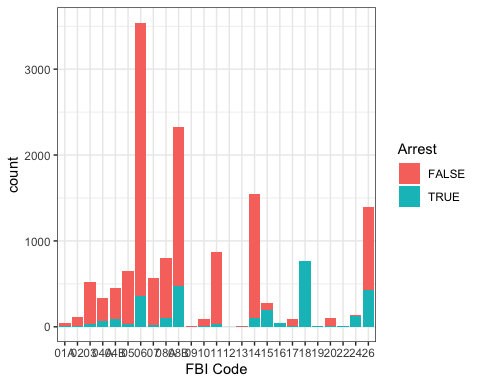
## X1 Date Block   
## Min. : 1 Min. :2018-01-01 00:00:00 001XX N STATE ST : 76   
## 1st Qu.: 3744 1st Qu.:2018-04-11 06:30:00 0000X N STATE ST : 30   
## Median : 7498 Median :2018-07-04 13:43:00 008XX N MICHIGAN AVE: 26   
## Mean : 7498 Mean :2018-07-03 08:23:19 0000X W TERMINAL ST : 23   
## 3rd Qu.:11244 3rd Qu.:2018-09-24 22:30:00 0000X S STATE ST : 22   
## Max. :15000 Max. :2018-12-30 23:40:00 011XX S CANAL ST : 20   
## (Other) :14516   
## IUCR Primary Type Description   
## 0486 :1329 THEFT :3543 SIMPLE :1648   
## 0820 :1326 BATTERY :2779 DOMESTIC BATTERY SIMPLE:1329   
## 0460 : 893 CRIMINAL DAMAGE :1550 $500 AND UNDER :1326   
## 0810 : 807 ASSAULT :1128 OVER $500 : 807   
## 0560 : 753 OTHER OFFENSE : 979 TO VEHICLE : 771   
## 1320 : 736 DECEPTIVE PRACTICE: 964 TO PROPERTY : 723   
## (Other):8869 (Other) :3770 (Other) :8109   
## Location Description Arrest Domestic   
## STREET :3321 FALSE:11732 FALSE:12286   
## RESIDENCE :2405 TRUE : 2981 TRUE : 2427   
## APARTMENT :1895   
## SIDEWALK :1163   
## OTHER : 606   
## PARKING LOT/GARAGE(NON.RESID.): 431   
## (Other) :4892   
## Beat District Ward Community Area FBI Code   
## 1834 : 195 011 :1026 42 : 978 25 : 875 06 :3543   
## 0112 : 152 008 : 923 28 : 706 8 : 692 08B :2327   
## 0111 : 146 006 : 917 24 : 650 32 : 626 14 :1550   
## 0511 : 139 001 : 884 27 : 624 29 : 502 26 :1391   
## 0421 : 125 018 : 864 2 : 552 28 : 493 11 : 870   
## 1112 : 119 004 : 779 6 : 501 43 : 456 08A : 796   
## (Other):13837 (Other):9320 (Other):10702 (Other):11069 (Other):4236   
## Year Latitude Longitude   
## Min. :2018 Min. :41.64 Min. :-87.93   
## 1st Qu.:2018 1st Qu.:41.77 1st Qu.:-87.71   
## Median :2018 Median :41.87 Median :-87.66   
## Mean :2018 Mean :41.84 Mean :-87.67   
## 3rd Qu.:2018 3rd Qu.:41.91 3rd Qu.:-87.63   
## Max. :2018 Max. :42.02 Max. :-87.53   
##

chicago\_mainstats <- chicago2 %>% dplyr::select("Date","IUCR", "Primary Type", "Description", "Location Description", "Arrest", "Domestic", "District", "Ward","Community Area", "FBI Code")

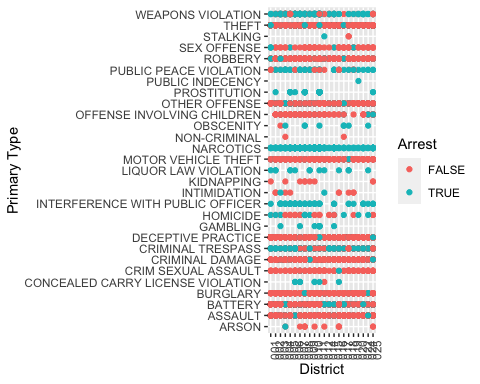
summary(chicago\_mainstats)

## Date IUCR Primary Type   
## Min. :2018-01-01 00:00:00 0486 :1329 THEFT :3543   
## 1st Qu.:2018-04-11 06:30:00 0820 :1326 BATTERY :2779   
## Median :2018-07-04 13:43:00 0460 : 893 CRIMINAL DAMAGE :1550   
## Mean :2018-07-03 08:23:19 0810 : 807 ASSAULT :1128   
## 3rd Qu.:2018-09-24 22:30:00 0560 : 753 OTHER OFFENSE : 979   
## Max. :2018-12-30 23:40:00 1320 : 736 DECEPTIVE PRACTICE: 964   
## (Other):8869 (Other) :3770   
## Description Location Description  
## SIMPLE :1648 STREET :3321   
## DOMESTIC BATTERY SIMPLE:1329 RESIDENCE :2405   
## $500 AND UNDER :1326 APARTMENT :1895   
## OVER $500 : 807 SIDEWALK :1163   
## TO VEHICLE : 771 OTHER : 606   
## TO PROPERTY : 723 PARKING LOT/GARAGE(NON.RESID.): 431   
## (Other) :8109 (Other) :4892   
## Arrest Domestic District Ward Community Area   
## FALSE:11732 FALSE:12286 011 :1026 42 : 978 25 : 875   
## TRUE : 2981 TRUE : 2427 008 : 923 28 : 706 8 : 692   
## 006 : 917 24 : 650 32 : 626   
## 001 : 884 27 : 624 29 : 502   
## 018 : 864 2 : 552 28 : 493   
## 004 : 779 6 : 501 43 : 456   
## (Other):9320 (Other):10702 (Other):11069   
## FBI Code   
## 06 :3543   
## 08B :2327   
## 14 :1550   
## 26 :1391   
## 11 : 870   
## 08A : 796   
## (Other):4236

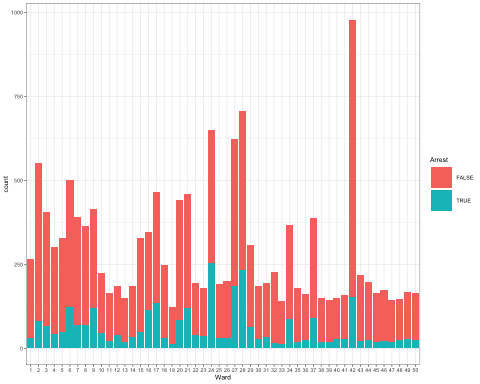
ggplot(chicago\_mainstats, aes(x = `FBI Code`, fill = Arrest)) +  
 geom\_bar() +  
 theme\_bw()



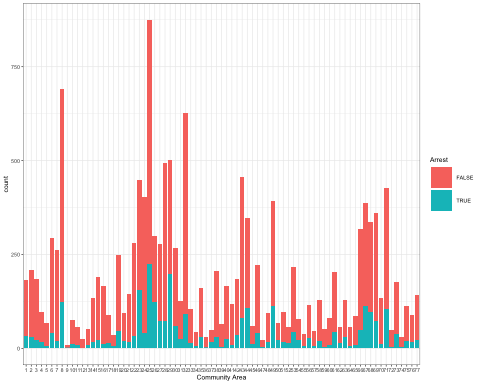
ggplot(chicago\_mainstats, aes(x= District, y = `Primary Type`, color = Arrest)) +  
 geom\_point()+  
 theme(axis.text.x=element\_text(angle = 90))



ggplot(chicago\_mainstats, aes(x=Ward, fill = Arrest))+  
 geom\_bar() +  
 theme\_bw(base\_size=5)



ggplot(chicago\_mainstats, aes(x = `Community Area`, fill = Arrest))+  
 geom\_bar()+  
 theme\_bw(base\_size = 5)



tmain = table(chicago\_mainstats$`Primary Type`, chicago\_mainstats$Domestic, chicago\_mainstats$District, chicago\_mainstats$Arrest)  
prop.table(tmain, margin = 4)

## , , = 001, = FALSE  
##   
##   
## FALSE TRUE  
## ARSON 0.000000e+00 0.000000e+00  
## ASSAULT 2.898057e-03 3.409478e-04  
## BATTERY 5.455165e-03 1.278554e-03  
## BURGLARY 8.523696e-04 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 2.557109e-04 8.523696e-05  
## CRIMINAL DAMAGE 4.091374e-03 8.523696e-05  
## CRIMINAL TRESPASS 5.966587e-04 0.000000e+00  
## DECEPTIVE PRACTICE 1.150699e-02 0.000000e+00  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 0.000000e+00 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 0.000000e+00 0.000000e+00  
## INTIMIDATION 0.000000e+00 0.000000e+00  
## KIDNAPPING 8.523696e-05 0.000000e+00  
## LIQUOR LAW VIOLATION 0.000000e+00 0.000000e+00  
## MOTOR VEHICLE THEFT 9.376065e-04 0.000000e+00  
## NARCOTICS 0.000000e+00 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 0.000000e+00 0.000000e+00  
## OTHER OFFENSE 1.875213e-03 7.671326e-04  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 1.704739e-04 0.000000e+00  
## ROBBERY 1.363791e-03 0.000000e+00  
## SEX OFFENSE 8.523696e-05 0.000000e+00  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 3.119673e-02 3.409478e-04  
## WEAPONS VIOLATION 0.000000e+00 0.000000e+00  
##   
## , , = 002, = FALSE  
##   
##   
## FALSE TRUE  
## ARSON 0.000000e+00 0.000000e+00  
## ASSAULT 4.176611e-03 1.193317e-03  
## BATTERY 3.920900e-03 4.858507e-03  
## BURGLARY 1.534265e-03 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 3.409478e-04 8.523696e-05  
## CRIMINAL DAMAGE 6.818957e-03 7.671326e-04  
## CRIMINAL TRESPASS 2.557109e-04 2.557109e-04  
## DECEPTIVE PRACTICE 3.920900e-03 1.704739e-04  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 8.523696e-05 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 0.000000e+00 0.000000e+00  
## INTIMIDATION 1.704739e-04 0.000000e+00  
## KIDNAPPING 0.000000e+00 0.000000e+00  
## LIQUOR LAW VIOLATION 0.000000e+00 0.000000e+00  
## MOTOR VEHICLE THEFT 2.471872e-03 0.000000e+00  
## NARCOTICS 0.000000e+00 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 1.704739e-04 4.261848e-04  
## OTHER OFFENSE 2.301398e-03 1.193317e-03  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 8.523696e-05 8.523696e-05  
## ROBBERY 2.130924e-03 8.523696e-05  
## SEX OFFENSE 1.704739e-04 0.000000e+00  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 1.210365e-02 5.966587e-04  
## WEAPONS VIOLATION 2.557109e-04 0.000000e+00  
##   
## , , = 003, = FALSE  
##   
##   
## FALSE TRUE  
## ARSON 0.000000e+00 0.000000e+00  
## ASSAULT 3.494715e-03 1.363791e-03  
## BATTERY 4.091374e-03 6.392772e-03  
## BURGLARY 2.130924e-03 8.523696e-05  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 8.523696e-05 0.000000e+00  
## CRIMINAL DAMAGE 7.074668e-03 1.193317e-03  
## CRIMINAL TRESPASS 4.261848e-04 0.000000e+00  
## DECEPTIVE PRACTICE 2.301398e-03 0.000000e+00  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 0.000000e+00 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 0.000000e+00 0.000000e+00  
## INTIMIDATION 0.000000e+00 0.000000e+00  
## KIDNAPPING 0.000000e+00 0.000000e+00  
## LIQUOR LAW VIOLATION 0.000000e+00 0.000000e+00  
## MOTOR VEHICLE THEFT 1.960450e-03 0.000000e+00  
## NARCOTICS 0.000000e+00 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 8.523696e-05  
## OFFENSE INVOLVING CHILDREN 8.523696e-05 5.966587e-04  
## OTHER OFFENSE 2.045687e-03 1.278554e-03  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 8.523696e-05 0.000000e+00  
## ROBBERY 1.704739e-03 1.704739e-04  
## SEX OFFENSE 8.523696e-05 8.523696e-05  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 8.267985e-03 7.671326e-04  
## WEAPONS VIOLATION 2.557109e-04 0.000000e+00  
##   
## , , = 004, = FALSE  
##   
##   
## FALSE TRUE  
## ARSON 0.000000e+00 8.523696e-05  
## ASSAULT 4.176611e-03 1.875213e-03  
## BATTERY 4.858507e-03 7.756563e-03  
## BURGLARY 3.835663e-03 8.523696e-05  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 1.704739e-04 8.523696e-05  
## CRIMINAL DAMAGE 5.796113e-03 6.818957e-04  
## CRIMINAL TRESPASS 5.114218e-04 8.523696e-05  
## DECEPTIVE PRACTICE 1.875213e-03 8.523696e-05  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 1.704739e-04 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 0.000000e+00 0.000000e+00  
## INTIMIDATION 8.523696e-05 0.000000e+00  
## KIDNAPPING 8.523696e-05 0.000000e+00  
## LIQUOR LAW VIOLATION 0.000000e+00 0.000000e+00  
## MOTOR VEHICLE THEFT 2.812820e-03 8.523696e-05  
## NARCOTICS 0.000000e+00 0.000000e+00  
## NON-CRIMINAL 8.523696e-05 0.000000e+00  
## OBSCENITY 0.000000e+00 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 1.704739e-04 5.966587e-04  
## OTHER OFFENSE 2.471872e-03 1.619502e-03  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 1.704739e-04 8.523696e-05  
## ROBBERY 2.130924e-03 8.523696e-05  
## SEX OFFENSE 8.523696e-05 8.523696e-05  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 9.120355e-03 8.523696e-04  
## WEAPONS VIOLATION 1.022844e-03 0.000000e+00  
##   
## , , = 005, = FALSE  
##   
##   
## FALSE TRUE  
## ARSON 0.000000e+00 0.000000e+00  
## ASSAULT 2.983294e-03 1.449028e-03  
## BATTERY 5.881350e-03 4.858507e-03  
## BURGLARY 2.130924e-03 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 8.523696e-05 8.523696e-05  
## CRIMINAL DAMAGE 4.773270e-03 1.619502e-03  
## CRIMINAL TRESPASS 5.966587e-04 0.000000e+00  
## DECEPTIVE PRACTICE 2.386635e-03 1.704739e-04  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 2.557109e-04 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 0.000000e+00 0.000000e+00  
## INTIMIDATION 0.000000e+00 8.523696e-05  
## KIDNAPPING 0.000000e+00 0.000000e+00  
## LIQUOR LAW VIOLATION 0.000000e+00 0.000000e+00  
## MOTOR VEHICLE THEFT 1.363791e-03 0.000000e+00  
## NARCOTICS 0.000000e+00 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 2.557109e-04 5.114218e-04  
## OTHER OFFENSE 2.045687e-03 1.363791e-03  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 0.000000e+00 0.000000e+00  
## ROBBERY 1.619502e-03 0.000000e+00  
## SEX OFFENSE 8.523696e-05 0.000000e+00  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 5.455165e-03 6.818957e-04  
## WEAPONS VIOLATION 6.818957e-04 0.000000e+00  
##   
## , , = 006, = FALSE  
##   
##   
## FALSE TRUE  
## ARSON 0.000000e+00 0.000000e+00  
## ASSAULT 3.068531e-03 2.216161e-03  
## BATTERY 5.284691e-03 7.415615e-03  
## BURGLARY 2.386635e-03 8.523696e-05  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 7.671326e-04 0.000000e+00  
## CRIMINAL DAMAGE 6.563246e-03 1.619502e-03  
## CRIMINAL TRESPASS 6.818957e-04 8.523696e-05  
## DECEPTIVE PRACTICE 3.068531e-03 8.523696e-05  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 3.409478e-04 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 0.000000e+00 0.000000e+00  
## INTIMIDATION 0.000000e+00 0.000000e+00  
## KIDNAPPING 0.000000e+00 0.000000e+00  
## LIQUOR LAW VIOLATION 0.000000e+00 0.000000e+00  
## MOTOR VEHICLE THEFT 2.386635e-03 0.000000e+00  
## NARCOTICS 0.000000e+00 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 5.966587e-04 2.557109e-04  
## OTHER OFFENSE 2.642346e-03 1.363791e-03  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 8.523696e-05 0.000000e+00  
## ROBBERY 2.983294e-03 0.000000e+00  
## SEX OFFENSE 8.523696e-05 0.000000e+00  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 1.082509e-02 8.523696e-04  
## WEAPONS VIOLATION 9.376065e-04 0.000000e+00  
##   
## , , = 007, = FALSE  
##   
##   
## FALSE TRUE  
## ARSON 8.523696e-05 0.000000e+00  
## ASSAULT 4.091374e-03 1.193317e-03  
## BATTERY 4.943744e-03 7.159905e-03  
## BURGLARY 1.704739e-03 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 4.261848e-04 8.523696e-05  
## CRIMINAL DAMAGE 4.432322e-03 1.108080e-03  
## CRIMINAL TRESPASS 5.114218e-04 8.523696e-05  
## DECEPTIVE PRACTICE 1.534265e-03 8.523696e-05  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 2.557109e-04 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 0.000000e+00 0.000000e+00  
## INTIMIDATION 0.000000e+00 0.000000e+00  
## KIDNAPPING 8.523696e-05 0.000000e+00  
## LIQUOR LAW VIOLATION 0.000000e+00 0.000000e+00  
## MOTOR VEHICLE THEFT 2.898057e-03 0.000000e+00  
## NARCOTICS 0.000000e+00 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 5.114218e-04 8.523696e-05  
## OTHER OFFENSE 1.960450e-03 2.471872e-03  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 0.000000e+00 0.000000e+00  
## ROBBERY 2.045687e-03 0.000000e+00  
## SEX OFFENSE 8.523696e-05 0.000000e+00  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 7.330378e-03 7.671326e-04  
## WEAPONS VIOLATION 5.966587e-04 8.523696e-05  
##   
## , , = 008, = FALSE  
##   
##   
## FALSE TRUE  
## ARSON 2.557109e-04 0.000000e+00  
## ASSAULT 3.239004e-03 1.704739e-03  
## BATTERY 4.943744e-03 7.074668e-03  
## BURGLARY 5.114218e-03 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 2.557109e-04 0.000000e+00  
## CRIMINAL DAMAGE 8.949881e-03 5.114218e-04  
## CRIMINAL TRESPASS 1.022844e-03 0.000000e+00  
## DECEPTIVE PRACTICE 3.835663e-03 0.000000e+00  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 1.704739e-04 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 0.000000e+00 0.000000e+00  
## INTIMIDATION 0.000000e+00 0.000000e+00  
## KIDNAPPING 8.523696e-05 8.523696e-05  
## LIQUOR LAW VIOLATION 0.000000e+00 0.000000e+00  
## MOTOR VEHICLE THEFT 3.409478e-03 0.000000e+00  
## NARCOTICS 0.000000e+00 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 5.114218e-04 6.818957e-04  
## OTHER OFFENSE 2.727583e-03 2.045687e-03  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 3.409478e-04 0.000000e+00  
## ROBBERY 2.898057e-03 0.000000e+00  
## SEX OFFENSE 2.557109e-04 8.523696e-05  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 1.568360e-02 6.818957e-04  
## WEAPONS VIOLATION 2.557109e-04 0.000000e+00  
##   
## , , = 009, = FALSE  
##   
##   
## FALSE TRUE  
## ARSON 0.000000e+00 0.000000e+00  
## ASSAULT 3.153767e-03 9.376065e-04  
## BATTERY 4.602796e-03 2.898057e-03  
## BURGLARY 2.301398e-03 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 2.557109e-04 1.704739e-04  
## CRIMINAL DAMAGE 4.261848e-03 6.818957e-04  
## CRIMINAL TRESPASS 2.557109e-04 1.704739e-04  
## DECEPTIVE PRACTICE 2.812820e-03 0.000000e+00  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 0.000000e+00 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 0.000000e+00 0.000000e+00  
## INTIMIDATION 0.000000e+00 0.000000e+00  
## KIDNAPPING 8.523696e-05 0.000000e+00  
## LIQUOR LAW VIOLATION 0.000000e+00 0.000000e+00  
## MOTOR VEHICLE THEFT 1.704739e-03 0.000000e+00  
## NARCOTICS 0.000000e+00 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 2.557109e-04 2.557109e-04  
## OTHER OFFENSE 1.278554e-03 1.449028e-03  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 1.704739e-04 0.000000e+00  
## ROBBERY 1.449028e-03 8.523696e-05  
## SEX OFFENSE 4.261848e-04 8.523696e-05  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 8.523696e-03 3.409478e-04  
## WEAPONS VIOLATION 3.409478e-04 0.000000e+00  
##   
## , , = 010, = FALSE  
##   
##   
## FALSE TRUE  
## ARSON 8.523696e-05 0.000000e+00  
## ASSAULT 2.898057e-03 1.363791e-03  
## BATTERY 5.625639e-03 4.602796e-03  
## BURGLARY 1.960450e-03 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 5.114218e-04 0.000000e+00  
## CRIMINAL DAMAGE 5.028981e-03 5.966587e-04  
## CRIMINAL TRESPASS 5.114218e-04 0.000000e+00  
## DECEPTIVE PRACTICE 2.045687e-03 8.523696e-05  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 1.704739e-04 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 0.000000e+00 0.000000e+00  
## INTIMIDATION 0.000000e+00 0.000000e+00  
## KIDNAPPING 8.523696e-05 0.000000e+00  
## LIQUOR LAW VIOLATION 0.000000e+00 0.000000e+00  
## MOTOR VEHICLE THEFT 2.642346e-03 0.000000e+00  
## NARCOTICS 0.000000e+00 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 4.261848e-04 8.523696e-05  
## OTHER OFFENSE 1.789976e-03 8.523696e-04  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 8.523696e-05 0.000000e+00  
## ROBBERY 1.704739e-03 0.000000e+00  
## SEX OFFENSE 1.704739e-04 1.704739e-04  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 6.563246e-03 5.114218e-04  
## WEAPONS VIOLATION 2.557109e-04 0.000000e+00  
##   
## , , = 011, = FALSE  
##   
##   
## FALSE TRUE  
## ARSON 0.000000e+00 0.000000e+00  
## ASSAULT 4.091374e-03 6.818957e-04  
## BATTERY 6.818957e-03 8.267985e-03  
## BURGLARY 2.642346e-03 8.523696e-05  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 3.409478e-04 2.557109e-04  
## CRIMINAL DAMAGE 5.114218e-03 1.193317e-03  
## CRIMINAL TRESPASS 5.114218e-04 0.000000e+00  
## DECEPTIVE PRACTICE 1.960450e-03 0.000000e+00  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 2.557109e-04 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 0.000000e+00 0.000000e+00  
## INTIMIDATION 0.000000e+00 0.000000e+00  
## KIDNAPPING 0.000000e+00 0.000000e+00  
## LIQUOR LAW VIOLATION 0.000000e+00 0.000000e+00  
## MOTOR VEHICLE THEFT 2.130924e-03 3.409478e-04  
## NARCOTICS 0.000000e+00 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 1.704739e-04 8.523696e-05  
## OTHER OFFENSE 3.409478e-03 1.108080e-03  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 8.523696e-05 0.000000e+00  
## ROBBERY 4.688033e-03 0.000000e+00  
## SEX OFFENSE 1.704739e-04 0.000000e+00  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 8.353222e-03 9.376065e-04  
## WEAPONS VIOLATION 5.114218e-04 0.000000e+00  
##   
## , , = 012, = FALSE  
##   
##   
## FALSE TRUE  
## ARSON 8.523696e-05 0.000000e+00  
## ASSAULT 2.898057e-03 5.966587e-04  
## BATTERY 4.858507e-03 1.960450e-03  
## BURGLARY 3.239004e-03 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 8.523696e-05 0.000000e+00  
## CRIM SEXUAL ASSAULT 5.966587e-04 0.000000e+00  
## CRIMINAL DAMAGE 6.307535e-03 1.704739e-04  
## CRIMINAL TRESPASS 3.409478e-04 8.523696e-05  
## DECEPTIVE PRACTICE 3.409478e-03 0.000000e+00  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 0.000000e+00 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 0.000000e+00 0.000000e+00  
## INTIMIDATION 0.000000e+00 0.000000e+00  
## KIDNAPPING 0.000000e+00 0.000000e+00  
## LIQUOR LAW VIOLATION 0.000000e+00 0.000000e+00  
## MOTOR VEHICLE THEFT 2.812820e-03 8.523696e-05  
## NARCOTICS 0.000000e+00 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 2.557109e-04 2.557109e-04  
## OTHER OFFENSE 1.619502e-03 1.108080e-03  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 8.523696e-05 0.000000e+00  
## ROBBERY 2.471872e-03 0.000000e+00  
## SEX OFFENSE 8.523696e-05 0.000000e+00  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 1.841118e-02 5.114218e-04  
## WEAPONS VIOLATION 8.523696e-05 0.000000e+00  
##   
## , , = 014, = FALSE  
##   
##   
## FALSE TRUE  
## ARSON 0.000000e+00 0.000000e+00  
## ASSAULT 1.193317e-03 8.523696e-05  
## BATTERY 2.727583e-03 1.193317e-03  
## BURGLARY 2.386635e-03 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 0.000000e+00 8.523696e-05  
## CRIMINAL DAMAGE 6.137061e-03 0.000000e+00  
## CRIMINAL TRESPASS 5.114218e-04 0.000000e+00  
## DECEPTIVE PRACTICE 2.898057e-03 0.000000e+00  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 1.704739e-04 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 0.000000e+00 0.000000e+00  
## INTIMIDATION 0.000000e+00 0.000000e+00  
## KIDNAPPING 0.000000e+00 0.000000e+00  
## LIQUOR LAW VIOLATION 0.000000e+00 0.000000e+00  
## MOTOR VEHICLE THEFT 1.960450e-03 0.000000e+00  
## NARCOTICS 0.000000e+00 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 8.523696e-05 8.523696e-05  
## OTHER OFFENSE 1.193317e-03 5.114218e-04  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 0.000000e+00 0.000000e+00  
## ROBBERY 1.534265e-03 0.000000e+00  
## SEX OFFENSE 8.523696e-05 0.000000e+00  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 1.568360e-02 1.704739e-04  
## WEAPONS VIOLATION 4.261848e-04 0.000000e+00  
##   
## , , = 015, = FALSE  
##   
##   
## FALSE TRUE  
## ARSON 0.000000e+00 0.000000e+00  
## ASSAULT 2.727583e-03 8.523696e-04  
## BATTERY 5.796113e-03 4.602796e-03  
## BURGLARY 1.789976e-03 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 4.261848e-04 0.000000e+00  
## CRIMINAL DAMAGE 3.920900e-03 6.818957e-04  
## CRIMINAL TRESPASS 4.261848e-04 8.523696e-05  
## DECEPTIVE PRACTICE 1.875213e-03 0.000000e+00  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 1.704739e-04 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 0.000000e+00 0.000000e+00  
## INTIMIDATION 0.000000e+00 0.000000e+00  
## KIDNAPPING 0.000000e+00 0.000000e+00  
## LIQUOR LAW VIOLATION 0.000000e+00 0.000000e+00  
## MOTOR VEHICLE THEFT 1.960450e-03 8.523696e-05  
## NARCOTICS 0.000000e+00 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 8.523696e-05 1.704739e-04  
## OTHER OFFENSE 2.471872e-03 7.671326e-04  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 8.523696e-05 0.000000e+00  
## ROBBERY 1.704739e-03 0.000000e+00  
## SEX OFFENSE 8.523696e-05 0.000000e+00  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 5.966587e-03 9.376065e-04  
## WEAPONS VIOLATION 3.409478e-04 0.000000e+00  
##   
## , , = 016, = FALSE  
##   
##   
## FALSE TRUE  
## ARSON 2.557109e-04 0.000000e+00  
## ASSAULT 2.301398e-03 4.261848e-04  
## BATTERY 4.091374e-03 2.130924e-03  
## BURGLARY 2.727583e-03 8.523696e-05  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 8.523696e-05 0.000000e+00  
## CRIMINAL DAMAGE 4.006137e-03 2.557109e-04  
## CRIMINAL TRESPASS 5.966587e-04 0.000000e+00  
## DECEPTIVE PRACTICE 3.579952e-03 8.523696e-05  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 0.000000e+00 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 0.000000e+00 0.000000e+00  
## INTIMIDATION 1.704739e-04 0.000000e+00  
## KIDNAPPING 0.000000e+00 0.000000e+00  
## LIQUOR LAW VIOLATION 0.000000e+00 0.000000e+00  
## MOTOR VEHICLE THEFT 1.619502e-03 0.000000e+00  
## NARCOTICS 0.000000e+00 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 8.523696e-05 8.523696e-05  
## OTHER OFFENSE 2.045687e-03 8.523696e-04  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 2.557109e-04 8.523696e-05  
## ROBBERY 5.966587e-04 0.000000e+00  
## SEX OFFENSE 2.557109e-04 8.523696e-05  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 9.802250e-03 0.000000e+00  
## WEAPONS VIOLATION 0.000000e+00 0.000000e+00  
##   
## , , = 017, = FALSE  
##   
##   
## FALSE TRUE  
## ARSON 0.000000e+00 0.000000e+00  
## ASSAULT 2.301398e-03 2.557109e-04  
## BATTERY 2.557109e-03 2.727583e-03  
## BURGLARY 3.068531e-03 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 8.523696e-05 8.523696e-05  
## CRIMINAL DAMAGE 3.835663e-03 1.704739e-04  
## CRIMINAL TRESPASS 6.818957e-04 2.557109e-04  
## DECEPTIVE PRACTICE 2.301398e-03 8.523696e-05  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 0.000000e+00 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 0.000000e+00 0.000000e+00  
## INTIMIDATION 0.000000e+00 0.000000e+00  
## KIDNAPPING 0.000000e+00 0.000000e+00  
## LIQUOR LAW VIOLATION 0.000000e+00 0.000000e+00  
## MOTOR VEHICLE THEFT 1.789976e-03 0.000000e+00  
## NARCOTICS 0.000000e+00 0.000000e+00  
## NON-CRIMINAL 8.523696e-05 0.000000e+00  
## OBSCENITY 0.000000e+00 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 8.523696e-05 8.523696e-05  
## OTHER OFFENSE 1.193317e-03 5.114218e-04  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 0.000000e+00 0.000000e+00  
## ROBBERY 1.363791e-03 0.000000e+00  
## SEX OFFENSE 3.409478e-04 0.000000e+00  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 9.376065e-03 3.409478e-04  
## WEAPONS VIOLATION 8.523696e-05 0.000000e+00  
##   
## , , = 018, = FALSE  
##   
##   
## FALSE TRUE  
## ARSON 0.000000e+00 0.000000e+00  
## ASSAULT 2.812820e-03 5.114218e-04  
## BATTERY 3.494715e-03 1.022844e-03  
## BURGLARY 1.875213e-03 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 6.818957e-04 0.000000e+00  
## CRIMINAL DAMAGE 3.239004e-03 2.557109e-04  
## CRIMINAL TRESPASS 1.022844e-03 0.000000e+00  
## DECEPTIVE PRACTICE 9.802250e-03 0.000000e+00  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 0.000000e+00 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 0.000000e+00 0.000000e+00  
## INTIMIDATION 8.523696e-05 0.000000e+00  
## KIDNAPPING 0.000000e+00 0.000000e+00  
## LIQUOR LAW VIOLATION 0.000000e+00 0.000000e+00  
## MOTOR VEHICLE THEFT 1.363791e-03 0.000000e+00  
## NARCOTICS 0.000000e+00 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 0.000000e+00 0.000000e+00  
## OTHER OFFENSE 1.449028e-03 5.966587e-04  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 8.523696e-05 0.000000e+00  
## ROBBERY 2.301398e-03 0.000000e+00  
## SEX OFFENSE 2.557109e-04 0.000000e+00  
## STALKING 1.704739e-04 0.000000e+00  
## THEFT 3.077054e-02 8.523696e-05  
## WEAPONS VIOLATION 8.523696e-05 0.000000e+00  
##   
## , , = 019, = FALSE  
##   
##   
## FALSE TRUE  
## ARSON 0.000000e+00 0.000000e+00  
## ASSAULT 2.301398e-03 1.704739e-04  
## BATTERY 3.750426e-03 1.789976e-03  
## BURGLARY 3.494715e-03 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 5.114218e-04 0.000000e+00  
## CRIMINAL DAMAGE 4.006137e-03 8.523696e-05  
## CRIMINAL TRESPASS 6.818957e-04 1.704739e-04  
## DECEPTIVE PRACTICE 5.369928e-03 0.000000e+00  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 8.523696e-05 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 0.000000e+00 0.000000e+00  
## INTIMIDATION 1.704739e-04 0.000000e+00  
## KIDNAPPING 0.000000e+00 0.000000e+00  
## LIQUOR LAW VIOLATION 0.000000e+00 0.000000e+00  
## MOTOR VEHICLE THEFT 1.619502e-03 0.000000e+00  
## NARCOTICS 0.000000e+00 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 8.523696e-05 0.000000e+00  
## OTHER OFFENSE 1.534265e-03 8.523696e-04  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 4.261848e-04 0.000000e+00  
## ROBBERY 1.449028e-03 0.000000e+00  
## SEX OFFENSE 2.557109e-04 0.000000e+00  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 1.696215e-02 8.523696e-05  
## WEAPONS VIOLATION 8.523696e-05 0.000000e+00  
##   
## , , = 020, = FALSE  
##   
##   
## FALSE TRUE  
## ARSON 0.000000e+00 0.000000e+00  
## ASSAULT 8.523696e-04 8.523696e-05  
## BATTERY 2.216161e-03 1.108080e-03  
## BURGLARY 1.619502e-03 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 2.557109e-04 0.000000e+00  
## CRIMINAL DAMAGE 1.960450e-03 1.704739e-04  
## CRIMINAL TRESPASS 4.261848e-04 0.000000e+00  
## DECEPTIVE PRACTICE 2.045687e-03 0.000000e+00  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 0.000000e+00 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 0.000000e+00 0.000000e+00  
## INTIMIDATION 0.000000e+00 0.000000e+00  
## KIDNAPPING 0.000000e+00 0.000000e+00  
## LIQUOR LAW VIOLATION 0.000000e+00 0.000000e+00  
## MOTOR VEHICLE THEFT 1.022844e-03 0.000000e+00  
## NARCOTICS 0.000000e+00 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 0.000000e+00 0.000000e+00  
## OTHER OFFENSE 5.966587e-04 8.523696e-04  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 0.000000e+00 0.000000e+00  
## ROBBERY 2.557109e-04 0.000000e+00  
## SEX OFFENSE 1.704739e-04 0.000000e+00  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 4.261848e-03 8.523696e-05  
## WEAPONS VIOLATION 8.523696e-05 0.000000e+00  
##   
## , , = 022, = FALSE  
##   
##   
## FALSE TRUE  
## ARSON 0.000000e+00 0.000000e+00  
## ASSAULT 1.789976e-03 6.818957e-04  
## BATTERY 3.239004e-03 4.006137e-03  
## BURGLARY 1.704739e-03 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 4.261848e-04 0.000000e+00  
## CRIMINAL DAMAGE 3.409478e-03 1.193317e-03  
## CRIMINAL TRESPASS 6.818957e-04 8.523696e-05  
## DECEPTIVE PRACTICE 2.812820e-03 0.000000e+00  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 0.000000e+00 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 0.000000e+00 0.000000e+00  
## INTIMIDATION 0.000000e+00 0.000000e+00  
## KIDNAPPING 0.000000e+00 0.000000e+00  
## LIQUOR LAW VIOLATION 0.000000e+00 0.000000e+00  
## MOTOR VEHICLE THEFT 1.449028e-03 0.000000e+00  
## NARCOTICS 0.000000e+00 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 1.704739e-04 1.704739e-04  
## OTHER OFFENSE 1.534265e-03 9.376065e-04  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 0.000000e+00 0.000000e+00  
## ROBBERY 7.671326e-04 0.000000e+00  
## SEX OFFENSE 1.704739e-04 0.000000e+00  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 6.818957e-03 5.114218e-04  
## WEAPONS VIOLATION 8.523696e-05 0.000000e+00  
##   
## , , = 024, = FALSE  
##   
##   
## FALSE TRUE  
## ARSON 0.000000e+00 0.000000e+00  
## ASSAULT 1.704739e-03 1.704739e-04  
## BATTERY 3.068531e-03 2.301398e-03  
## BURGLARY 1.108080e-03 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 4.261848e-04 0.000000e+00  
## CRIMINAL DAMAGE 4.176611e-03 2.557109e-04  
## CRIMINAL TRESPASS 5.966587e-04 8.523696e-05  
## DECEPTIVE PRACTICE 1.704739e-03 0.000000e+00  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 0.000000e+00 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 0.000000e+00 0.000000e+00  
## INTIMIDATION 0.000000e+00 0.000000e+00  
## KIDNAPPING 0.000000e+00 0.000000e+00  
## LIQUOR LAW VIOLATION 0.000000e+00 0.000000e+00  
## MOTOR VEHICLE THEFT 1.363791e-03 0.000000e+00  
## NARCOTICS 0.000000e+00 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 1.704739e-04 8.523696e-05  
## OTHER OFFENSE 1.960450e-03 5.114218e-04  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 0.000000e+00 0.000000e+00  
## ROBBERY 1.278554e-03 0.000000e+00  
## SEX OFFENSE 2.557109e-04 0.000000e+00  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 7.074668e-03 8.523696e-05  
## WEAPONS VIOLATION 0.000000e+00 0.000000e+00  
##   
## , , = 025, = FALSE  
##   
##   
## FALSE TRUE  
## ARSON 1.704739e-04 0.000000e+00  
## ASSAULT 3.324241e-03 8.523696e-04  
## BATTERY 4.858507e-03 5.284691e-03  
## BURGLARY 2.727583e-03 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 4.261848e-04 8.523696e-05  
## CRIMINAL DAMAGE 5.710876e-03 5.966587e-04  
## CRIMINAL TRESPASS 6.818957e-04 0.000000e+00  
## DECEPTIVE PRACTICE 4.091374e-03 0.000000e+00  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 1.704739e-04 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 0.000000e+00 0.000000e+00  
## INTIMIDATION 0.000000e+00 0.000000e+00  
## KIDNAPPING 1.704739e-04 0.000000e+00  
## LIQUOR LAW VIOLATION 0.000000e+00 0.000000e+00  
## MOTOR VEHICLE THEFT 4.176611e-03 0.000000e+00  
## NARCOTICS 0.000000e+00 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 4.261848e-04 3.409478e-04  
## OTHER OFFENSE 1.449028e-03 1.534265e-03  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 0.000000e+00 0.000000e+00  
## ROBBERY 1.875213e-03 0.000000e+00  
## SEX OFFENSE 1.704739e-04 1.704739e-04  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 1.218889e-02 4.261848e-04  
## WEAPONS VIOLATION 9.376065e-04 0.000000e+00  
##   
## , , = 001, = TRUE  
##   
##   
## FALSE TRUE  
## ARSON 0.000000e+00 0.000000e+00  
## ASSAULT 4.696411e-03 3.354579e-04  
## BATTERY 6.373700e-03 6.709158e-04  
## BURGLARY 0.000000e+00 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 0.000000e+00 0.000000e+00  
## CRIMINAL DAMAGE 6.709158e-04 0.000000e+00  
## CRIMINAL TRESPASS 4.696411e-03 0.000000e+00  
## DECEPTIVE PRACTICE 1.006374e-03 0.000000e+00  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 3.354579e-04 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 3.354579e-04 0.000000e+00  
## INTIMIDATION 0.000000e+00 0.000000e+00  
## KIDNAPPING 0.000000e+00 0.000000e+00  
## LIQUOR LAW VIOLATION 3.354579e-04 0.000000e+00  
## MOTOR VEHICLE THEFT 3.354579e-04 0.000000e+00  
## NARCOTICS 3.019121e-03 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 0.000000e+00 0.000000e+00  
## OTHER OFFENSE 0.000000e+00 6.709158e-04  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 6.709158e-04 0.000000e+00  
## ROBBERY 1.006374e-03 0.000000e+00  
## SEX OFFENSE 3.354579e-04 3.354579e-04  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 1.677290e-02 0.000000e+00  
## WEAPONS VIOLATION 1.006374e-03 0.000000e+00  
##   
## , , = 002, = TRUE  
##   
##   
## FALSE TRUE  
## ARSON 0.000000e+00 0.000000e+00  
## ASSAULT 2.012747e-03 1.006374e-03  
## BATTERY 4.696411e-03 2.683663e-03  
## BURGLARY 0.000000e+00 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 0.000000e+00 0.000000e+00  
## CRIMINAL DAMAGE 3.354579e-04 3.354579e-04  
## CRIMINAL TRESPASS 2.683663e-03 0.000000e+00  
## DECEPTIVE PRACTICE 0.000000e+00 0.000000e+00  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 3.354579e-04 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 0.000000e+00 0.000000e+00  
## INTIMIDATION 0.000000e+00 0.000000e+00  
## KIDNAPPING 0.000000e+00 0.000000e+00  
## LIQUOR LAW VIOLATION 6.709158e-04 0.000000e+00  
## MOTOR VEHICLE THEFT 3.354579e-04 0.000000e+00  
## NARCOTICS 4.696411e-03 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 0.000000e+00 0.000000e+00  
## OTHER OFFENSE 1.006374e-03 6.709158e-04  
## PROSTITUTION 3.354579e-04 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 6.709158e-04 0.000000e+00  
## ROBBERY 6.709158e-04 0.000000e+00  
## SEX OFFENSE 0.000000e+00 0.000000e+00  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 6.038242e-03 6.709158e-04  
## WEAPONS VIOLATION 1.341832e-03 0.000000e+00  
##   
## , , = 003, = TRUE  
##   
##   
## FALSE TRUE  
## ARSON 0.000000e+00 0.000000e+00  
## ASSAULT 2.348205e-03 6.709158e-04  
## BATTERY 3.019121e-03 6.038242e-03  
## BURGLARY 3.354579e-04 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 0.000000e+00 0.000000e+00  
## CRIMINAL DAMAGE 1.006374e-03 1.341832e-03  
## CRIMINAL TRESPASS 1.006374e-03 0.000000e+00  
## DECEPTIVE PRACTICE 0.000000e+00 0.000000e+00  
## GAMBLING 3.354579e-04 0.000000e+00  
## HOMICIDE 3.354579e-04 3.354579e-04  
## INTERFERENCE WITH PUBLIC OFFICER 2.348205e-03 0.000000e+00  
## INTIMIDATION 3.354579e-04 0.000000e+00  
## KIDNAPPING 0.000000e+00 0.000000e+00  
## LIQUOR LAW VIOLATION 0.000000e+00 0.000000e+00  
## MOTOR VEHICLE THEFT 3.354579e-04 0.000000e+00  
## NARCOTICS 6.038242e-03 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 6.709158e-04 0.000000e+00  
## OTHER OFFENSE 1.341832e-03 3.354579e-04  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 6.709158e-04 0.000000e+00  
## ROBBERY 6.709158e-04 0.000000e+00  
## SEX OFFENSE 0.000000e+00 0.000000e+00  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 2.683663e-03 0.000000e+00  
## WEAPONS VIOLATION 4.360953e-03 0.000000e+00  
##   
## , , = 004, = TRUE  
##   
##   
## FALSE TRUE  
## ARSON 3.354579e-04 0.000000e+00  
## ASSAULT 5.031869e-03 1.006374e-03  
## BATTERY 6.038242e-03 7.380074e-03  
## BURGLARY 3.354579e-04 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 0.000000e+00 0.000000e+00  
## CRIMINAL DAMAGE 6.709158e-04 1.006374e-03  
## CRIMINAL TRESPASS 2.348205e-03 3.354579e-04  
## DECEPTIVE PRACTICE 6.709158e-04 0.000000e+00  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 0.000000e+00 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 1.341832e-03 0.000000e+00  
## INTIMIDATION 0.000000e+00 0.000000e+00  
## KIDNAPPING 0.000000e+00 0.000000e+00  
## LIQUOR LAW VIOLATION 0.000000e+00 0.000000e+00  
## MOTOR VEHICLE THEFT 3.354579e-04 0.000000e+00  
## NARCOTICS 6.373700e-03 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 3.354579e-04 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 0.000000e+00 0.000000e+00  
## OTHER OFFENSE 4.696411e-03 1.006374e-03  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 2.012747e-03 0.000000e+00  
## ROBBERY 6.709158e-04 0.000000e+00  
## SEX OFFENSE 0.000000e+00 0.000000e+00  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 5.031869e-03 3.354579e-04  
## WEAPONS VIOLATION 2.348205e-03 0.000000e+00  
##   
## , , = 005, = TRUE  
##   
##   
## FALSE TRUE  
## ARSON 0.000000e+00 0.000000e+00  
## ASSAULT 3.354579e-03 1.677290e-03  
## BATTERY 4.360953e-03 4.025495e-03  
## BURGLARY 0.000000e+00 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 0.000000e+00 0.000000e+00  
## CRIMINAL DAMAGE 1.006374e-03 1.006374e-03  
## CRIMINAL TRESPASS 5.367326e-03 0.000000e+00  
## DECEPTIVE PRACTICE 1.341832e-03 0.000000e+00  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 0.000000e+00 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 3.690037e-03 0.000000e+00  
## INTIMIDATION 0.000000e+00 0.000000e+00  
## KIDNAPPING 0.000000e+00 0.000000e+00  
## LIQUOR LAW VIOLATION 6.709158e-04 0.000000e+00  
## MOTOR VEHICLE THEFT 3.354579e-04 0.000000e+00  
## NARCOTICS 1.073465e-02 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 3.354579e-04 0.000000e+00  
## OTHER OFFENSE 9.392821e-03 1.677290e-03  
## PROSTITUTION 2.348205e-03 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 1.006374e-03 0.000000e+00  
## ROBBERY 1.006374e-03 0.000000e+00  
## SEX OFFENSE 3.354579e-04 0.000000e+00  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 5.367326e-03 0.000000e+00  
## WEAPONS VIOLATION 3.354579e-03 0.000000e+00  
##   
## , , = 006, = TRUE  
##   
##   
## FALSE TRUE  
## ARSON 0.000000e+00 0.000000e+00  
## ASSAULT 2.012747e-03 2.683663e-03  
## BATTERY 7.044616e-03 1.241194e-02  
## BURGLARY 6.709158e-04 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 6.709158e-04 0.000000e+00  
## CRIM SEXUAL ASSAULT 0.000000e+00 0.000000e+00  
## CRIMINAL DAMAGE 2.683663e-03 1.006374e-03  
## CRIMINAL TRESPASS 5.702784e-03 0.000000e+00  
## DECEPTIVE PRACTICE 2.012747e-03 0.000000e+00  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 0.000000e+00 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 3.354579e-03 0.000000e+00  
## INTIMIDATION 0.000000e+00 0.000000e+00  
## KIDNAPPING 0.000000e+00 0.000000e+00  
## LIQUOR LAW VIOLATION 3.354579e-04 0.000000e+00  
## MOTOR VEHICLE THEFT 3.354579e-04 0.000000e+00  
## NARCOTICS 1.677290e-02 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 0.000000e+00 6.709158e-04  
## OTHER OFFENSE 5.367326e-03 6.709158e-04  
## PROSTITUTION 3.354579e-04 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 1.341832e-03 0.000000e+00  
## ROBBERY 6.709158e-04 0.000000e+00  
## SEX OFFENSE 0.000000e+00 0.000000e+00  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 1.107011e-02 3.354579e-04  
## WEAPONS VIOLATION 6.373700e-03 0.000000e+00  
##   
## , , = 007, = TRUE  
##   
##   
## FALSE TRUE  
## ARSON 0.000000e+00 0.000000e+00  
## ASSAULT 1.341832e-03 1.006374e-03  
## BATTERY 5.702784e-03 8.721905e-03  
## BURGLARY 0.000000e+00 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 1.006374e-03 0.000000e+00  
## CRIM SEXUAL ASSAULT 0.000000e+00 3.354579e-04  
## CRIMINAL DAMAGE 1.341832e-03 1.677290e-03  
## CRIMINAL TRESPASS 4.025495e-03 0.000000e+00  
## DECEPTIVE PRACTICE 1.341832e-03 0.000000e+00  
## GAMBLING 3.354579e-04 0.000000e+00  
## HOMICIDE 3.354579e-04 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 2.348205e-03 0.000000e+00  
## INTIMIDATION 0.000000e+00 0.000000e+00  
## KIDNAPPING 0.000000e+00 0.000000e+00  
## LIQUOR LAW VIOLATION 0.000000e+00 0.000000e+00  
## MOTOR VEHICLE THEFT 0.000000e+00 3.354579e-04  
## NARCOTICS 2.348205e-02 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 0.000000e+00 3.354579e-04  
## OTHER OFFENSE 5.367326e-03 1.677290e-03  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 2.012747e-03 0.000000e+00  
## ROBBERY 3.354579e-04 0.000000e+00  
## SEX OFFENSE 0.000000e+00 0.000000e+00  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 2.348205e-03 0.000000e+00  
## WEAPONS VIOLATION 7.715532e-03 0.000000e+00  
##   
## , , = 008, = TRUE  
##   
##   
## FALSE TRUE  
## ARSON 0.000000e+00 0.000000e+00  
## ASSAULT 1.006374e-03 1.341832e-03  
## BATTERY 3.690037e-03 3.019121e-03  
## BURGLARY 2.012747e-03 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 3.354579e-04 0.000000e+00  
## CRIMINAL DAMAGE 0.000000e+00 3.354579e-04  
## CRIMINAL TRESPASS 2.012747e-03 0.000000e+00  
## DECEPTIVE PRACTICE 6.709158e-04 0.000000e+00  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 6.709158e-04 3.354579e-04  
## INTERFERENCE WITH PUBLIC OFFICER 1.341832e-03 0.000000e+00  
## INTIMIDATION 0.000000e+00 0.000000e+00  
## KIDNAPPING 0.000000e+00 0.000000e+00  
## LIQUOR LAW VIOLATION 0.000000e+00 0.000000e+00  
## MOTOR VEHICLE THEFT 1.006374e-03 0.000000e+00  
## NARCOTICS 1.073465e-02 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 6.709158e-04  
## OFFENSE INVOLVING CHILDREN 0.000000e+00 0.000000e+00  
## OTHER OFFENSE 1.341832e-03 1.677290e-03  
## PROSTITUTION 2.683663e-03 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 1.006374e-03 0.000000e+00  
## ROBBERY 6.709158e-04 0.000000e+00  
## SEX OFFENSE 0.000000e+00 0.000000e+00  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 5.367326e-03 3.354579e-04  
## WEAPONS VIOLATION 4.360953e-03 0.000000e+00  
##   
## , , = 009, = TRUE  
##   
##   
## FALSE TRUE  
## ARSON 0.000000e+00 0.000000e+00  
## ASSAULT 6.709158e-04 3.354579e-04  
## BATTERY 5.031869e-03 3.354579e-03  
## BURGLARY 6.709158e-04 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 0.000000e+00 0.000000e+00  
## CRIMINAL DAMAGE 1.006374e-03 6.709158e-04  
## CRIMINAL TRESPASS 3.690037e-03 0.000000e+00  
## DECEPTIVE PRACTICE 6.709158e-04 0.000000e+00  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 3.354579e-04 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 1.341832e-03 0.000000e+00  
## INTIMIDATION 0.000000e+00 0.000000e+00  
## KIDNAPPING 0.000000e+00 0.000000e+00  
## LIQUOR LAW VIOLATION 6.709158e-04 0.000000e+00  
## MOTOR VEHICLE THEFT 0.000000e+00 0.000000e+00  
## NARCOTICS 7.044616e-03 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 0.000000e+00 0.000000e+00  
## OTHER OFFENSE 3.354579e-03 3.354579e-04  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 1.341832e-03 0.000000e+00  
## ROBBERY 0.000000e+00 0.000000e+00  
## SEX OFFENSE 0.000000e+00 0.000000e+00  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 3.690037e-03 0.000000e+00  
## WEAPONS VIOLATION 2.683663e-03 0.000000e+00  
##   
## , , = 010, = TRUE  
##   
##   
## FALSE TRUE  
## ARSON 0.000000e+00 0.000000e+00  
## ASSAULT 2.012747e-03 3.354579e-04  
## BATTERY 4.696411e-03 3.690037e-03  
## BURGLARY 1.006374e-03 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 6.709158e-04 0.000000e+00  
## CRIM SEXUAL ASSAULT 0.000000e+00 0.000000e+00  
## CRIMINAL DAMAGE 2.348205e-03 0.000000e+00  
## CRIMINAL TRESPASS 5.031869e-03 3.354579e-04  
## DECEPTIVE PRACTICE 3.354579e-04 0.000000e+00  
## GAMBLING 3.354579e-04 0.000000e+00  
## HOMICIDE 0.000000e+00 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 2.012747e-03 0.000000e+00  
## INTIMIDATION 0.000000e+00 0.000000e+00  
## KIDNAPPING 0.000000e+00 0.000000e+00  
## LIQUOR LAW VIOLATION 0.000000e+00 0.000000e+00  
## MOTOR VEHICLE THEFT 1.006374e-03 0.000000e+00  
## NARCOTICS 3.589400e-02 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 6.709158e-04 0.000000e+00  
## OTHER OFFENSE 3.019121e-03 1.006374e-03  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 1.341832e-03 0.000000e+00  
## ROBBERY 3.354579e-04 0.000000e+00  
## SEX OFFENSE 0.000000e+00 0.000000e+00  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 3.690037e-03 3.354579e-04  
## WEAPONS VIOLATION 5.367326e-03 0.000000e+00  
##   
## , , = 011, = TRUE  
##   
##   
## FALSE TRUE  
## ARSON 0.000000e+00 0.000000e+00  
## ASSAULT 2.683663e-03 1.006374e-03  
## BATTERY 5.702784e-03 9.392821e-03  
## BURGLARY 3.354579e-04 3.354579e-04  
## CONCEALED CARRY LICENSE VIOLATION 3.354579e-04 0.000000e+00  
## CRIM SEXUAL ASSAULT 0.000000e+00 0.000000e+00  
## CRIMINAL DAMAGE 1.677290e-03 3.354579e-04  
## CRIMINAL TRESPASS 6.038242e-03 0.000000e+00  
## DECEPTIVE PRACTICE 2.012747e-03 0.000000e+00  
## GAMBLING 2.348205e-03 0.000000e+00  
## HOMICIDE 0.000000e+00 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 1.677290e-03 0.000000e+00  
## INTIMIDATION 0.000000e+00 0.000000e+00  
## KIDNAPPING 0.000000e+00 0.000000e+00  
## LIQUOR LAW VIOLATION 3.354579e-04 0.000000e+00  
## MOTOR VEHICLE THEFT 3.354579e-04 0.000000e+00  
## NARCOTICS 7.245891e-02 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 3.354579e-04 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 3.354579e-04 0.000000e+00  
## OTHER OFFENSE 2.012747e-03 1.006374e-03  
## PROSTITUTION 7.715532e-03 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 1.677290e-03 3.354579e-04  
## ROBBERY 0.000000e+00 0.000000e+00  
## SEX OFFENSE 0.000000e+00 0.000000e+00  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 2.348205e-03 3.354579e-04  
## WEAPONS VIOLATION 7.715532e-03 0.000000e+00  
##   
## , , = 012, = TRUE  
##   
##   
## FALSE TRUE  
## ARSON 0.000000e+00 0.000000e+00  
## ASSAULT 1.006374e-03 0.000000e+00  
## BATTERY 5.367326e-03 2.683663e-03  
## BURGLARY 1.341832e-03 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 0.000000e+00 0.000000e+00  
## CRIMINAL DAMAGE 6.709158e-04 0.000000e+00  
## CRIMINAL TRESPASS 4.360953e-03 0.000000e+00  
## DECEPTIVE PRACTICE 6.709158e-04 0.000000e+00  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 0.000000e+00 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 0.000000e+00 0.000000e+00  
## INTIMIDATION 0.000000e+00 3.354579e-04  
## KIDNAPPING 0.000000e+00 0.000000e+00  
## LIQUOR LAW VIOLATION 3.354579e-04 0.000000e+00  
## MOTOR VEHICLE THEFT 6.709158e-04 0.000000e+00  
## NARCOTICS 6.038242e-03 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 0.000000e+00 0.000000e+00  
## OTHER OFFENSE 6.709158e-04 3.354579e-04  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 0.000000e+00 0.000000e+00  
## ROBBERY 2.348205e-03 0.000000e+00  
## SEX OFFENSE 0.000000e+00 0.000000e+00  
## STALKING 3.354579e-04 0.000000e+00  
## THEFT 4.360953e-03 0.000000e+00  
## WEAPONS VIOLATION 6.709158e-04 0.000000e+00  
##   
## , , = 014, = TRUE  
##   
##   
## FALSE TRUE  
## ARSON 0.000000e+00 0.000000e+00  
## ASSAULT 1.006374e-03 1.006374e-03  
## BATTERY 4.696411e-03 2.012747e-03  
## BURGLARY 0.000000e+00 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 0.000000e+00 0.000000e+00  
## CRIMINAL DAMAGE 1.341832e-03 0.000000e+00  
## CRIMINAL TRESPASS 1.341832e-03 0.000000e+00  
## DECEPTIVE PRACTICE 3.354579e-04 0.000000e+00  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 0.000000e+00 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 0.000000e+00 0.000000e+00  
## INTIMIDATION 0.000000e+00 0.000000e+00  
## KIDNAPPING 0.000000e+00 0.000000e+00  
## LIQUOR LAW VIOLATION 0.000000e+00 0.000000e+00  
## MOTOR VEHICLE THEFT 0.000000e+00 0.000000e+00  
## NARCOTICS 1.677290e-03 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 0.000000e+00 0.000000e+00  
## OTHER OFFENSE 2.012747e-03 3.354579e-04  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 0.000000e+00 0.000000e+00  
## ROBBERY 0.000000e+00 0.000000e+00  
## SEX OFFENSE 0.000000e+00 0.000000e+00  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 3.354579e-03 0.000000e+00  
## WEAPONS VIOLATION 1.341832e-03 0.000000e+00  
##   
## , , = 015, = TRUE  
##   
##   
## FALSE TRUE  
## ARSON 0.000000e+00 0.000000e+00  
## ASSAULT 1.006374e-03 1.006374e-03  
## BATTERY 3.354579e-03 5.031869e-03  
## BURGLARY 3.354579e-04 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 0.000000e+00 0.000000e+00  
## CRIMINAL DAMAGE 3.354579e-04 6.709158e-04  
## CRIMINAL TRESPASS 2.012747e-03 3.354579e-04  
## DECEPTIVE PRACTICE 3.354579e-04 0.000000e+00  
## GAMBLING 3.354579e-04 0.000000e+00  
## HOMICIDE 6.709158e-04 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 1.006374e-03 0.000000e+00  
## INTIMIDATION 0.000000e+00 0.000000e+00  
## KIDNAPPING 0.000000e+00 0.000000e+00  
## LIQUOR LAW VIOLATION 0.000000e+00 0.000000e+00  
## MOTOR VEHICLE THEFT 0.000000e+00 0.000000e+00  
## NARCOTICS 2.046293e-02 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 0.000000e+00 0.000000e+00  
## OTHER OFFENSE 2.683663e-03 6.709158e-04  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 1.341832e-03 0.000000e+00  
## ROBBERY 3.354579e-04 0.000000e+00  
## SEX OFFENSE 3.354579e-04 0.000000e+00  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 2.012747e-03 0.000000e+00  
## WEAPONS VIOLATION 4.025495e-03 0.000000e+00  
##   
## , , = 016, = TRUE  
##   
##   
## FALSE TRUE  
## ARSON 0.000000e+00 0.000000e+00  
## ASSAULT 1.006374e-03 0.000000e+00  
## BATTERY 2.683663e-03 1.341832e-03  
## BURGLARY 6.709158e-04 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 3.354579e-04 0.000000e+00  
## CRIM SEXUAL ASSAULT 3.354579e-04 0.000000e+00  
## CRIMINAL DAMAGE 1.341832e-03 3.354579e-04  
## CRIMINAL TRESPASS 2.683663e-03 0.000000e+00  
## DECEPTIVE PRACTICE 3.354579e-04 0.000000e+00  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 0.000000e+00 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 0.000000e+00 0.000000e+00  
## INTIMIDATION 0.000000e+00 0.000000e+00  
## KIDNAPPING 0.000000e+00 0.000000e+00  
## LIQUOR LAW VIOLATION 3.354579e-04 0.000000e+00  
## MOTOR VEHICLE THEFT 3.354579e-04 0.000000e+00  
## NARCOTICS 3.019121e-03 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 0.000000e+00 0.000000e+00  
## OTHER OFFENSE 1.006374e-03 1.006374e-03  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 3.354579e-04 0.000000e+00  
## ROBBERY 3.354579e-04 0.000000e+00  
## SEX OFFENSE 0.000000e+00 0.000000e+00  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 4.360953e-03 0.000000e+00  
## WEAPONS VIOLATION 6.709158e-04 0.000000e+00  
##   
## , , = 017, = TRUE  
##   
##   
## FALSE TRUE  
## ARSON 0.000000e+00 0.000000e+00  
## ASSAULT 1.006374e-03 0.000000e+00  
## BATTERY 1.677290e-03 2.348205e-03  
## BURGLARY 0.000000e+00 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 0.000000e+00 0.000000e+00  
## CRIMINAL DAMAGE 6.709158e-04 0.000000e+00  
## CRIMINAL TRESPASS 6.709158e-04 0.000000e+00  
## DECEPTIVE PRACTICE 3.354579e-04 0.000000e+00  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 3.354579e-04 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 0.000000e+00 0.000000e+00  
## INTIMIDATION 0.000000e+00 0.000000e+00  
## KIDNAPPING 0.000000e+00 0.000000e+00  
## LIQUOR LAW VIOLATION 0.000000e+00 0.000000e+00  
## MOTOR VEHICLE THEFT 3.354579e-04 0.000000e+00  
## NARCOTICS 3.354579e-03 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 6.709158e-04 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 0.000000e+00 3.354579e-04  
## OTHER OFFENSE 0.000000e+00 6.709158e-04  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 3.354579e-04 0.000000e+00  
## ROBBERY 6.709158e-04 0.000000e+00  
## SEX OFFENSE 0.000000e+00 0.000000e+00  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 4.696411e-03 0.000000e+00  
## WEAPONS VIOLATION 0.000000e+00 0.000000e+00  
##   
## , , = 018, = TRUE  
##   
##   
## FALSE TRUE  
## ARSON 0.000000e+00 0.000000e+00  
## ASSAULT 2.683663e-03 3.354579e-04  
## BATTERY 6.038242e-03 3.019121e-03  
## BURGLARY 3.354579e-04 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 0.000000e+00 0.000000e+00  
## CRIMINAL DAMAGE 1.006374e-03 0.000000e+00  
## CRIMINAL TRESPASS 3.690037e-03 0.000000e+00  
## DECEPTIVE PRACTICE 3.354579e-03 0.000000e+00  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 0.000000e+00 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 6.709158e-04 0.000000e+00  
## INTIMIDATION 0.000000e+00 0.000000e+00  
## KIDNAPPING 0.000000e+00 0.000000e+00  
## LIQUOR LAW VIOLATION 6.709158e-04 0.000000e+00  
## MOTOR VEHICLE THEFT 6.709158e-04 0.000000e+00  
## NARCOTICS 2.012747e-03 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 3.354579e-04  
## OFFENSE INVOLVING CHILDREN 0.000000e+00 0.000000e+00  
## OTHER OFFENSE 1.677290e-03 0.000000e+00  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 3.354579e-04 0.000000e+00  
## ROBBERY 6.709158e-04 0.000000e+00  
## SEX OFFENSE 0.000000e+00 0.000000e+00  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 1.777927e-02 0.000000e+00  
## WEAPONS VIOLATION 6.709158e-04 0.000000e+00  
##   
## , , = 019, = TRUE  
##   
##   
## FALSE TRUE  
## ARSON 0.000000e+00 0.000000e+00  
## ASSAULT 2.012747e-03 0.000000e+00  
## BATTERY 5.367326e-03 2.683663e-03  
## BURGLARY 6.709158e-04 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 0.000000e+00 0.000000e+00  
## CRIMINAL DAMAGE 6.709158e-04 0.000000e+00  
## CRIMINAL TRESPASS 3.690037e-03 0.000000e+00  
## DECEPTIVE PRACTICE 3.354579e-04 0.000000e+00  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 0.000000e+00 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 3.354579e-04 0.000000e+00  
## INTIMIDATION 0.000000e+00 0.000000e+00  
## KIDNAPPING 0.000000e+00 0.000000e+00  
## LIQUOR LAW VIOLATION 0.000000e+00 0.000000e+00  
## MOTOR VEHICLE THEFT 0.000000e+00 0.000000e+00  
## NARCOTICS 2.348205e-03 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 0.000000e+00 0.000000e+00  
## OTHER OFFENSE 3.354579e-04 0.000000e+00  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 3.354579e-04 0.000000e+00  
## ROBBERY 6.709158e-04 0.000000e+00  
## SEX OFFENSE 3.354579e-04 0.000000e+00  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 4.025495e-03 0.000000e+00  
## WEAPONS VIOLATION 6.709158e-04 0.000000e+00  
##   
## , , = 020, = TRUE  
##   
##   
## FALSE TRUE  
## ARSON 0.000000e+00 0.000000e+00  
## ASSAULT 6.709158e-04 0.000000e+00  
## BATTERY 3.354579e-03 2.348205e-03  
## BURGLARY 0.000000e+00 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 0.000000e+00 0.000000e+00  
## CRIMINAL DAMAGE 1.341832e-03 3.354579e-04  
## CRIMINAL TRESPASS 1.006374e-03 0.000000e+00  
## DECEPTIVE PRACTICE 0.000000e+00 0.000000e+00  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 3.354579e-04 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 0.000000e+00 0.000000e+00  
## INTIMIDATION 0.000000e+00 0.000000e+00  
## KIDNAPPING 0.000000e+00 0.000000e+00  
## LIQUOR LAW VIOLATION 0.000000e+00 0.000000e+00  
## MOTOR VEHICLE THEFT 0.000000e+00 0.000000e+00  
## NARCOTICS 2.012747e-03 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 0.000000e+00 0.000000e+00  
## OTHER OFFENSE 0.000000e+00 0.000000e+00  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 3.354579e-04 0.000000e+00  
## PUBLIC PEACE VIOLATION 3.354579e-04 0.000000e+00  
## ROBBERY 3.354579e-04 0.000000e+00  
## SEX OFFENSE 0.000000e+00 0.000000e+00  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 1.341832e-03 0.000000e+00  
## WEAPONS VIOLATION 1.341832e-03 0.000000e+00  
##   
## , , = 022, = TRUE  
##   
##   
## FALSE TRUE  
## ARSON 0.000000e+00 0.000000e+00  
## ASSAULT 2.012747e-03 6.709158e-04  
## BATTERY 2.012747e-03 3.354579e-03  
## BURGLARY 3.354579e-04 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 0.000000e+00 0.000000e+00  
## CRIMINAL DAMAGE 1.006374e-03 0.000000e+00  
## CRIMINAL TRESPASS 4.696411e-03 0.000000e+00  
## DECEPTIVE PRACTICE 3.354579e-04 0.000000e+00  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 0.000000e+00 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 1.341832e-03 0.000000e+00  
## INTIMIDATION 0.000000e+00 0.000000e+00  
## KIDNAPPING 0.000000e+00 0.000000e+00  
## LIQUOR LAW VIOLATION 0.000000e+00 0.000000e+00  
## MOTOR VEHICLE THEFT 3.354579e-04 0.000000e+00  
## NARCOTICS 5.031869e-03 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 0.000000e+00 0.000000e+00  
## OTHER OFFENSE 2.348205e-03 3.354579e-04  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 3.354579e-04 0.000000e+00  
## ROBBERY 3.354579e-04 0.000000e+00  
## SEX OFFENSE 0.000000e+00 0.000000e+00  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 2.683663e-03 0.000000e+00  
## WEAPONS VIOLATION 2.683663e-03 0.000000e+00  
##   
## , , = 024, = TRUE  
##   
##   
## FALSE TRUE  
## ARSON 0.000000e+00 0.000000e+00  
## ASSAULT 1.341832e-03 3.354579e-04  
## BATTERY 3.019121e-03 2.348205e-03  
## BURGLARY 3.354579e-04 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 0.000000e+00 0.000000e+00  
## CRIMINAL DAMAGE 6.709158e-04 6.709158e-04  
## CRIMINAL TRESPASS 2.348205e-03 0.000000e+00  
## DECEPTIVE PRACTICE 0.000000e+00 0.000000e+00  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 3.354579e-04 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 3.354579e-04 0.000000e+00  
## INTIMIDATION 0.000000e+00 0.000000e+00  
## KIDNAPPING 0.000000e+00 0.000000e+00  
## LIQUOR LAW VIOLATION 3.354579e-04 0.000000e+00  
## MOTOR VEHICLE THEFT 0.000000e+00 0.000000e+00  
## NARCOTICS 2.012747e-03 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 3.354579e-04 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 0.000000e+00 3.354579e-04  
## OTHER OFFENSE 1.341832e-03 0.000000e+00  
## PROSTITUTION 0.000000e+00 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 3.354579e-04 3.354579e-04  
## ROBBERY 6.709158e-04 0.000000e+00  
## SEX OFFENSE 3.354579e-04 0.000000e+00  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 2.348205e-03 0.000000e+00  
## WEAPONS VIOLATION 1.006374e-03 0.000000e+00  
##   
## , , = 025, = TRUE  
##   
##   
## FALSE TRUE  
## ARSON 0.000000e+00 0.000000e+00  
## ASSAULT 1.341832e-03 6.709158e-04  
## BATTERY 4.360953e-03 6.373700e-03  
## BURGLARY 1.677290e-03 0.000000e+00  
## CONCEALED CARRY LICENSE VIOLATION 0.000000e+00 0.000000e+00  
## CRIM SEXUAL ASSAULT 0.000000e+00 0.000000e+00  
## CRIMINAL DAMAGE 2.348205e-03 0.000000e+00  
## CRIMINAL TRESPASS 2.683663e-03 0.000000e+00  
## DECEPTIVE PRACTICE 3.354579e-04 0.000000e+00  
## GAMBLING 0.000000e+00 0.000000e+00  
## HOMICIDE 0.000000e+00 0.000000e+00  
## INTERFERENCE WITH PUBLIC OFFICER 1.006374e-03 0.000000e+00  
## INTIMIDATION 0.000000e+00 0.000000e+00  
## KIDNAPPING 0.000000e+00 0.000000e+00  
## LIQUOR LAW VIOLATION 0.000000e+00 0.000000e+00  
## MOTOR VEHICLE THEFT 1.006374e-03 0.000000e+00  
## NARCOTICS 1.207648e-02 0.000000e+00  
## NON-CRIMINAL 0.000000e+00 0.000000e+00  
## OBSCENITY 0.000000e+00 0.000000e+00  
## OFFENSE INVOLVING CHILDREN 0.000000e+00 1.006374e-03  
## OTHER OFFENSE 3.690037e-03 1.341832e-03  
## PROSTITUTION 6.709158e-04 0.000000e+00  
## PUBLIC INDECENCY 0.000000e+00 0.000000e+00  
## PUBLIC PEACE VIOLATION 6.709158e-04 0.000000e+00  
## ROBBERY 3.354579e-04 0.000000e+00  
## SEX OFFENSE 0.000000e+00 0.000000e+00  
## STALKING 0.000000e+00 0.000000e+00  
## THEFT 7.044616e-03 0.000000e+00  
## WEAPONS VIOLATION 2.348205e-03 0.000000e+00